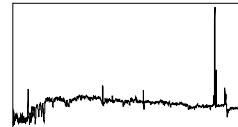




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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	23:29	19:22:49.4	+31:29:13	300	90	3.0	#141 Mapping t	4	
0011-0013.FLAT	8	23:30	19:23:49.7	+31:29:13	300	90	3.0	#141 Mapping t	4	
0014-0020.FLAT	8	23:32	19:26:10.6	+31:29:12	300	90	3.0	#141 Mapping t	4	
0021-0030.BIAS	0	23:34	19:28:22.6	+31:29:11	300	90	3.0	#141 Mapping t	2	
0031-0034.FLAT	16	23:36	19:30:47.0	+31:29:10	300	90	3.0	#141 Mapping t	2	
0035-0039.FLAT	16	23:39	19:33:41.6	+31:29:09	300	90	3.0	#141 Mapping t	2	
0040.FLAT	16	23:40	19:34:19.5	+31:29:08	300	90	3.0	#141 Mapping t	2	
0041.BDp284211	90	1:47	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0042.BDp284211	90	1:48	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0043.COMP	10	1:51	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0044.BDp174708	45	1:53	22:11:31.4	18:05:34	300	90	3.0	#56 Spectropho	2	
0045.BDp174708	45	1:54	22:11:31.4	18:05:34	300	90	3.0	#56 Spectropho	2	
0046.COMP	10	1:55	22:11:31.4	18:05:34	300	90	3.0	#56 Spectropho	2	
0047.2M19044650-0338240	1500	2:09	19:04:46.5	-03:38:24	300	90	3.0	#141 Mapping t	2	row=85
0048.COMP	10	2:35	19:04:46.5	-03:38:24	300	90	3.0	#141 Mapping t	2	
0049.158m213	300	2:41	00:40:30.2	+40:50:55	300	60	3.0	#57 Velocity S	2	
0050.COMP	10	2:48	00:40:30.2	+40:50:55	300	60	3.0	#57 Velocity S	2	
0051.005706p17450_b	2100	2:58	0:59:40.2	17:58:25	300	90	3.0	#113 Interacti	2	
0052.COMP	10	3:34	0:59:40.2	17:58:25	300	90	3.0	#113 Interacti	2	
0053.sn2004et	600	3:38	20:35:25.4	60:07:17	300	110	3.0	#2 SN Observat	2	



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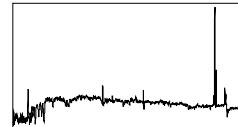
Coll. Focus 1020 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0054.COMP	10	3:48	20:35:25.4	60:07:17	300	110	3.0	#2 SN Observat	2	
0055.sn2004fu	1200	3:51	20:35:11.6	+64:48:26	300	110	3.0	#2 SN Observat	2	
0056.COMP	10	4:11	20:35:11.6	+64:48:26	300	110	3.0	#2 SN Observat	2	
0057.sn2004fe	1800	4:15	00:30:11.2	+02:05:23	300	0	3.0	#2 SN Observat	2	row=81
0058.COMP	10	4:46	00:30:11.2	+02:05:23	300	0	3.0	#2 SN Observat	2	
0059-0068.FLAT	16	4:53	00:30:11.2	+02:05:23	300	90	3.0	#56 Spectropho	2	
0069.FLAT	24	5:05	00:30:11.2	+02:05:23	600	90	2.0	#56 Spectropho	4	600L, 2 arcsec, tilt=440
0070-0078.FLAT	24	5:09	00:30:11.2	+02:05:23	600	90	2.0	#56 Spectropho	4	
0079.hs3275	588	5:12	0:30:03.6	25:57:03	600	90	2.0	#122 Halo Star	4	
0080.COMP	10	5:23	0:30:03.6	25:57:03	600	90	2.0	#122 Halo Star	4	
0081.hs3276	180	5:25	0:30:16.1	20:12:42	600	90	2.0	#122 Halo Star	4	
0082.COMP	10	5:28	0:30:16.1	20:12:42	600	90	2.0	#122 Halo Star	4	
0083.hs3277	324	5:29	0:30:38.2	23:31:30	600	90	2.0	#122 Halo Star	4	
0084.COMP	10	5:35	0:30:38.2	23:31:30	600	90	2.0	#122 Halo Star	4	
0085.hs3278	510	5:36	0:31:04.6	26:58:10	600	90	2.0	#122 Halo Star	4	
0086.COMP	10	5:45	0:31:04.6	26:58:10	600	90	2.0	#122 Halo Star	4	
0087.Feige110	360	5:48	23:17:23.5	-05:26:22	600	40	2.0	#56 Spectropho	4	
0088.COMP	10	5:54	23:17:23.5	-05:26:22	600	40	2.0	#56 Spectropho	4	header may be bad
0089.COMP	10	5:55	23:17:23.5	-05:26:22	600	40	2.0	#56 Spectropho	4	
0090.hs3279	168	5:58	0:31:40.4	17:39:41	600	90	2.0	#122 Halo Star	4	



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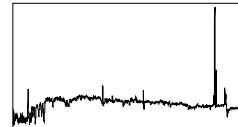
UT Date 2004-11-10 Observers WestoverColl. Focus 1020 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0091.COMP	10	6:01	0:31:40.4	17:39:41	600	90	2.0	#122 Halo Star	4	
0092.hs3280	216	6:03	0:32:50.3	27:25:55	600	90	2.0	#122 Halo Star	4	
0093.COMP	10	6:07	0:32:50.3	27:25:55	600	90	2.0	#122 Halo Star	4	
0094.hs3281	246	6:08	0:32:51.7	26:18:14	600	90	2.0	#122 Halo Star	4	
0095.COMP	10	6:13	0:32:51.7	26:18:14	600	90	2.0	#122 Halo Star	4	
0096.hs3282	498	6:14	0:33:50.0	26:48:31	600	90	2.0	#122 Halo Star	4	
0097.COMP	10	6:24	0:33:50.0	26:48:31	600	90	2.0	#122 Halo Star	4	
0098.hs3283	444	6:25	0:35:46.5	26:54:54	600	90	2.0	#122 Halo Star	4	
0099.COMP	10	6:33	0:35:46.5	26:54:54	600	90	2.0	#122 Halo Star	4	
0100.hs3284	522	6:34	0:35:49.6	15:54:10	600	90	2.0	#122 Halo Star	4	
0101.COMP	10	6:43	0:35:49.6	15:54:10	600	90	2.0	#122 Halo Star	4	
0102.hs3285	588	6:44	0:36:16.8	21:48:31	600	90	2.0	#122 Halo Star	4	
0103.COMP	10	6:54	0:36:16.8	21:48:31	600	90	2.0	#122 Halo Star	4	
0104.hs3286	426	6:56	0:37:10.4	21:34:08	600	90	2.0	#122 Halo Star	4	
0105.COMP	10	7:03	0:37:10.4	21:34:08	600	90	2.0	#122 Halo Star	4	
0106.hs3552	354	7:06	2:46:32.7	11:27:18	600	90	2.0	#122 Halo Star	4	
0107.COMP	10	7:12	2:46:32.7	11:27:18	600	90	2.0	#122 Halo Star	4	
0108.hs3553	342	7:14	2:46:37.0	5:29:38	600	90	2.0	#122 Halo Star	4	
0109.COMP	10	7:20	2:46:37.0	5:29:38	600	90	2.0	#122 Halo Star	4	
0110.hs3554	576	7:21	2:47:09.6	5:44:52	600	90	2.0	#122 Halo Star	4	



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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0111.COMP	10	7:31	2:47:09.6	5:44:52	600	90	2.0	#122 Halo Star	4	
0112.hs3555	282	7:32	2:47:20.5	6:37:51	600	90	2.0	#122 Halo Star	4	
0113.COMP	10	7:37	2:47:20.5	6:37:51	600	90	2.0	#122 Halo Star	4	
0114.hs3556	402	7:38	2:47:59.2	13:21:18	600	90	2.0	#122 Halo Star	4	
0115.COMP	10	7:45	2:47:59.2	13:21:18	600	90	2.0	#122 Halo Star	4	
0116.hs3557	318	7:49	2:48:16.2	13:55:08	600	90	2.0	#122 Halo Star	4	
0117.COMP	10	7:55	2:48:16.2	13:55:08	600	90	2.0	#122 Halo Star	4	
0118.hs3558	342	7:56	2:48:21.8	11:14:36	600	90	2.0	#122 Halo Star	4	
0119.COMP	10	8:02	2:48:21.8	11:14:36	600	90	2.0	#122 Halo Star	4	
0120.hs3559	516	8:04	2:49:46.6	13:15:34	600	90	2.0	#122 Halo Star	4	
0121.COMP	10	8:13	2:49:46.6	13:15:34	600	90	2.0	#122 Halo Star	4	
0122.hs3560	360	8:14	2:50:18.2	7:25:00	600	90	2.0	#122 Halo Star	4	
0123.COMP	10	8:21	2:50:18.2	7:25:00	600	90	2.0	#122 Halo Star	4	
0124.hs3561	168	8:22	2:50:42.5	12:33:07	600	90	2.0	#122 Halo Star	4	
0125.COMP	10	8:25	2:50:42.5	12:33:07	600	90	2.0	#122 Halo Star	4	
0126.hs3562	618	8:26	2:52:00.5	11:11:00	600	90	2.0	#122 Halo Star	4	
0127.COMP	10	8:37	2:52:00.5	11:11:00	600	90	2.0	#122 Halo Star	4	
0128.hs3563	522	8:39	2:52:52.9	11:51:07	600	90	2.0	#122 Halo Star	4	
0129.COMP	10	8:48	2:52:52.9	11:51:07	600	90	2.0	#122 Halo Star	4	
0130.hs3564	168	8:49	2:53:17.6	8:30:34	600	90	2.0	#122 Halo Star	4	



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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0131.COMP	10	8:52	2:53:17.6	8:30:34	600	90	2.0	#122 Halo Star	4	
0132.hs3565	384	8:53	2:53:36.0	11:20:23	600	90	2.0	#122 Halo Star	4	
0133.COMP	10	9:00	2:53:36.0	11:20:23	600	90	2.0	#122 Halo Star	4	
0134.hs3566	618	9:01	2:53:38.4	10:49:29	600	90	2.0	#122 Halo Star	4	
0135.COMP	10	9:12	2:53:38.4	10:49:29	600	90	2.0	#122 Halo Star	4	
0136.hs3567	168	9:13	2:54:00.1	7:19:56	600	90	2.0	#122 Halo Star	4	
0137.COMP	10	9:17	2:54:00.1	7:19:56	600	90	2.0	#122 Halo Star	4	
0138.hs3568	588	9:18	2:54:44.0	8:40:55	600	90	2.0	#122 Halo Star	4	
0139.COMP	10	9:28	2:54:44.0	8:40:55	600	90	2.0	#122 Halo Star	4	
0140.hs3569	270	9:29	2:55:07.3	7:56:11	600	90	2.0	#122 Halo Star	4	row=40
0141.COMP	10	9:34	2:55:07.3	7:56:11	600	90	2.0	#122 Halo Star	4	
0142.hs3570	462	9:35	2:55:24.8	7:21:08	600	90	2.0	#122 Halo Star	4	
0143.COMP	10	9:43	2:55:24.8	7:21:08	600	90	2.0	#122 Halo Star	4	
0144.hs3571	612	9:45	2:57:08.4	7:21:24	600	90	2.0	#122 Halo Star	4	
0145.COMP	10	9:55	2:57:08.4	7:21:24	600	90	2.0	#122 Halo Star	4	
0146-0155.FLAT	24	10:02	2:57:08.4	7:21:24	600	90	2.0	Bright Stars	4	
0156.FLAT	8	10:10	2:57:08.4	7:21:24	300	90	3.0	Bright Stars	4	300L, 3 arcsec, tilt=600
0157-0165.FLAT	8	10:12	2:57:08.4	7:21:24	300	90	3.0	Bright Stars	4	
0166-0175.FLAT	16	10:17	2:57:08.4	7:21:24	300	90	3.0	Bright Stars	2	
0176.COMP	5	10:18	2:57:08.4	7:21:24	300	90	3.0	#57 Velocity S	4	



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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0177.NGC1700	120	10:22	04:56:58.1	-04:52:23	300	90	3.0	#57 Velocity S	4	
0178.NGC1700	120	10:25	04:56:58.1	-04:52:23	300	90	3.0	#57 Velocity S	4	
0179.COMP	5	10:27	04:56:58.1	-04:52:23	300	90	3.0	#57 Velocity S	4	
0180.McNeilposA	1200	10:33	05:46:14	-00:05:30	300	90	3.0	#112 Orion PMS	2	
0181.COMP	10	10:53	05:46:14	-00:05:30	300	90	3.0	#112 Orion PMS	2	
0182.McNeilposC	1200	10:57	05:46:13	-00:05:54	300	90	3.0	#112 Orion PMS	2	row=72
0183.COMP	10	11:18	05:46:13	-00:05:54	300	90	3.0	#112 Orion PMS	2	
0184.Hiltner600	45	11:23	06:42:37.2	02:11:25	300	14	3.0	#56 Spectropho	2	
0185.Hiltner600	45	11:24	06:42:37.2	02:11:25	300	14	3.0	#56 Spectropho	2	
0186.COMP	10	11:25	06:42:37.2	02:11:25	300	14	3.0	#56 Spectropho	2	
0187.NGC2264_2	240	11:34	6:40:13.5	9:24:49	300	90	3.0	#89 Ae/Be star	4	
0188.COMP	5	11:38	6:40:13.5	9:24:49	300	90	3.0	#89 Ae/Be star	4	
0189.NGC2264_4	180	11:39	6:40:36.6	9:47:23	300	90	3.0	#89 Ae/Be star	4	row=37
0190.COMP	5	11:43	6:40:36.6	9:47:23	300	90	3.0	#89 Ae/Be star	4	
0191.NGC2264_8	130	11:45	6:40:46.0	9:49:17	300	90	3.0	#89 Ae/Be star	4	
0192.COMP	5	11:48	6:40:46.0	9:49:17	300	90	3.0	#89 Ae/Be star	4	
0193.NGC2264_6	480	11:49	6:40:41.3	9:54:14	300	90	3.0	#89 Ae/Be star	4	
0194.COMP	5	11:57	6:40:41.3	9:54:14	300	90	3.0	#89 Ae/Be star	4	
0195.NGC2264_3	360	12:00	6:40:28.7	9:30:59	300	90	3.0	#89 Ae/Be star	4	
0196.COMP	5	12:06	6:40:28.7	9:30:59	300	90	3.0	#89 Ae/Be star	4	



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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0197.NGC2264_5	240	12:07	6:40:40.0	9:35:3	300	90	3.0	#89 Ae/Be star	4	row=39
0198.COMP	5	12:12	6:40:40.0	9:35:3	300	90	3.0	#89 Ae/Be star	4	
0199.NGC2264_7	240	12:13	6:40:45.1	9:28:44	300	90	3.0	#89 Ae/Be star	4	
0200.COMP	5	12:17	6:40:45.1	9:28:44	300	90	3.0	#89 Ae/Be star	4	
0201.NGC2264_9	240	12:19	6:40:47.4	9:49:29	300	90	3.0	#89 Ae/Be star	4	
0202.COMP	5	12:23	6:40:47.4	9:49:29	300	90	3.0	#89 Ae/Be star	4	
0203.NGC2264_10	120	12:24	6:40:51.1	9:44:46	300	90	3.0	#89 Ae/Be star	4	
0204.COMP	5	12:27	6:40:51.1	9:44:46	300	90	3.0	#89 Ae/Be star	4	
0205.NGC2264_11	240	12:28	6:40:51.5	9:43:24	300	90	3.0	#89 Ae/Be star	4	
0206.COMP	5	12:32	6:40:51.5	9:43:24	300	90	3.0	#89 Ae/Be star	4	
0207.NGC2264_12	240	12:33	6:40:53.6	9:33:25	300	90	3.0	#89 Ae/Be star	4	
0208.COMP	5	12:38	6:40:53.6	9:33:25	300	90	3.0	#89 Ae/Be star	4	
0209.NGC2264_1	90	12:39	6:40:5.6	9:35:47	300	90	3.0	#89 Ae/Be star	4	
0210.COMP	5	12:41	6:40:5.6	9:35:47	300	90	3.0	#89 Ae/Be star	4	
0211.Feige34	120	12:43	10:36:41.2	43:21:50	300	75	3.0	#56 Spectropho	2	
0212.Feige34	120	12:45	10:36:41.2	43:21:50	300	75	3.0	#56 Spectropho	2	
0213.COMP	10	12:47	10:36:41.2	43:21:50	300	75	3.0	#56 Spectropho	2	
0214.FineFoc	60	12:54	09:00:05.4	31:28:18	300	90	3.0	#112 Orion PMS	1	
0215.sky	20	13:20	9:21:00	34:00:00	300	90	3.0	#57 Velocity S	4	
0216-0219.sky	30	13:24	9:21:00	34:00:00	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
0220.sky	25	13:25	9:21:00	34:00:00	300	90	3.0	#57 Velocity S	4	
0221.COMP	5	13:25	9:21:00	34:00:00	300	90	3.0	#57 Velocity S	4	
0222-0231.BIAS	0	13:35	9:21:00	34:00:00	300	90	3.0	#57 Velocity S	4	
0232-0241.FLAT	8	13:39	9:21:00	34:00:00	300	90	3.0	#57 Velocity S	4	
0242-0251.BIAS	0	13:41	9:21:00	34:00:00	300	90	3.0	#57 Velocity S	2	
0252-0261.FLAT	16	13:47	9:21:00	34:00:00	300	90	3.0	#57 Velocity S	2	
0262-0271.DARK	900	16:16	9:21:00	34:00:00	300	90	3.0	#57 Velocity S	4	
0272-0280.DARK	900	18:33	9:21:00	34:00:00	300	90	3.0	#57 Velocity S	2	