

UT Date 2002-02-06 Observers L MacriColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.BIAS	0	0:04	01:43:45.0	31:29:49	300	90	3.0	#56 Spectropho	4	binby4
0002-0010.BIAS	0	0:05	01:44:54.0	31:29:49	300	90	3.0	#56 Spectropho	4	
0011-0020.FLAT	6	0:09	01:48:52.0	31:29:49	300	90	3.0	#56 Spectropho	4	
0021.BIAS	0	0:09	01:49:40.0	31:29:49	300	90	3.0	#56 Spectropho	2	binby2
0022-0030.BIAS	0	0:12	01:51:41.0	31:29:49	300	90	3.0	#56 Spectropho	2	
0031-0040.FLAT	12	0:17	01:57:42.0	31:29:49	300	90	3.0	#56 Spectropho	2	
0041.FLATB	12	0:17	02:10:21.0	31:29:50	300	90	3.0	#56 Spectropho	2	tiltpos 580
0042.FLATB	12	0:17	02:10:47.0	31:29:50	300	90	3.0	#56 Spectropho	2	
0043.FLATB	12	0:17	02:11:13.0	31:29:50	300	90	3.0	#56 Spectropho	2	
0044.FLATB	12	0:17	02:11:39.0	31:29:50	300	90	3.0	#56 Spectropho	2	
0045.FLATB	12	0:17	02:12:02.0	31:29:50	300	90	3.0	#56 Spectropho	2	
0046.FLATB	12	0:17	02:12:27.0	31:29:50	300	90	3.0	#56 Spectropho	2	
0047.FLATB	12	0:17	02:12:53.0	31:29:50	300	90	3.0	#56 Spectropho	2	
0048.FLATB	12	0:17	02:13:19.0	31:29:50	300	90	3.0	#56 Spectropho	2	
0049.FLATB	12	0:17	02:13:41.0	31:29:50	300	90	3.0	#56 Spectropho	2	
0050.FLATB	12	0:17	02:14:07.0	31:29:50	300	90	3.0	#56 Spectropho	2	
0051.FLATR	12	0:17	02:54:21.0	31:29:54	300	90	3.0	#56 Spectropho	2	tiltpos 750
0052.FLATR	12	0:17	02:54:47.0	31:29:54	300	90	3.0	#56 Spectropho	2	
0053.FLATR	12	0:17	02:55:12.0	31:29:54	300	90	3.0	#56 Spectropho	2	
0054.FLATR	12	0:17	02:55:38.0	31:29:54	300	90	3.0	#56 Spectropho	2	

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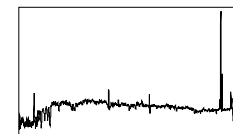
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0055.FLATR	12	0:17	02:56:01.0	31:29:54	300	90	3.0	#56 Spectropho	2	
0056.FLATR	12	0:17	02:56:27.0	31:29:54	300	90	3.0	#56 Spectropho	2	
0057.FLATR	12	0:17	02:56:53.0	31:29:54	300	90	3.0	#56 Spectropho	2	
0058.FLATR	12	0:17	02:57:19.0	31:29:54	300	90	3.0	#56 Spectropho	2	
0059.FLATR	12	0:17	02:57:44.0	31:29:54	300	90	3.0	#56 Spectropho	2	
0060.FLATR	12	0:17	02:58:07.0	31:29:55	300	90	3.0	#56 Spectropho	2	
0061.SKYR	45	0:17	01:09:13.0	30:21:16	300	90	3.0	#57 Radial Vel	2	
0062.SKYR	45	0:17	01:10:13.0	30:21:16	300	90	3.0	#57 Radial Vel	2	
0063.SKYR	60	0:17	01:11:27.0	30:21:16	300	90	3.0	#57 Radial Vel	2	
0064.SKYR	60	0:17	01:12:37.0	30:21:16	300	90	3.0	#57 Radial Vel	2	
0065.SKYR	60	0:17	01:13:51.0	30:21:16	300	90	3.0	#57 Radial Vel	2	
0066.COMP	12	0:17	01:14:51.0	30:21:16	300	90	3.0	#57 Radial Vel	2	
0067.Feige15	30	0:17	1:49:09.4	13:33:12	300	90	3.0	#2 SNe	2	tiltpos 585
0068.COMP	12	0:17	1:49:09.4	13:33:12	300	90	3.0	#2 SNe	2	
0069.SN2002apB	240	0:17	1:36:23.8	15:45:13	300	90	3.0	#2 SNe	2	
0070.SN2002apB	240	0:17	1:36:23.8	15:45:13	300	90	3.0	#2 SNe	2	
0071.COMP	12	0:17	1:36:23.8	15:45:13	300	90	3.0	#2 SNe	2	
0072.Feige15	30	0:17	1:49:08.0	13:33:12	300	90	3.0	#2 SNe	2	tiltpos 610
0073.COMP	12	0:17	1:49:08.0	13:33:12	300	90	3.0	#2 SNe	2	
0074.SN2002ap	240	0:17	1:36:23.8	15:45:13	300	90	3.0	#2 SNe	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0075.SN2002apB	240	0:17	1:36:23.8	15:45:13	300	90	3.0	#2 SNe	2	
0076.COMP	12	0:17	1:36:23.8	15:45:13	300	90	3.0	#2 SNe	2	
0077.SN2002apR	300	0:17	1:36:23.0	15:45:13	300	90	3.0	#2 SNe	2	tiltpos 750
0078.SN2002apR	300	0:17	1:36:23.0	15:45:13	300	90	3.0	#2 SNe	2	
0079.COMP	12	0:17	1:36:23.0	15:45:13	300	90	3.0	#2 SNe	2	
0080.HD19445	15	0:17	3:8:25.5	26:19:51	300	90	3.0	#2 SNe	2	
0081.COMP	12	0:17	3:8:25.5	26:19:51	300	90	3.0	#2 SNe	2	
0082.HD30418	10	0:17	4:45:32.6	24:39:23	300	10	3.0	#57 Velocity S	4	tiltpos 610
0083.COMP	6	0:17	4:45:32.6	24:39:23	300	90	3.0	#57 Radial Vel	4	
0084.2MJ0339000p102441	480	0:17	03:39:00.0	+10:24:41	300	90	3.0	#68 2MASS Reds	4	
0085.COMP	5	0:17	03:39:00.0	+10:24:41	300	90	3.0	#68 2MASS Reds	4	
0086.2MJ0342213p075309	420	0:17	03:42:21.3	+07:53:09	300	90	3.0	#68 2MASS Reds	4	
0087.2MJ0342213p075309	420	0:17	03:42:21.3	+07:53:09	300	90	3.0	#68 2MASS Reds	4	
0088.COMP	5	0:17	03:42:21.3	+07:53:09	300	90	3.0	#68 2MASS Reds	4	
0089.2MJ0350356m022106	360	0:17	03:50:35.6	-02:21:06	300	90	3.0	#68 2MASS Reds	4	
0090.2MJ0350356m022106	360	0:17	03:50:35.6	-02:21:06	300	90	3.0	#68 2MASS Reds	4	
0091.COMP	5	0:17	03:50:35.6	-02:21:06	300	90	3.0	#68 2MASS Reds	4	
0092.2MJ0354069m022232	360	0:17	03:54:06.9	-02:22:32	300	90	3.0	#68 2MASS Reds	4	
0093.COMP	5	0:17	03:54:06.9	-02:22:32	300	90	3.0	#68 2MASS Reds	4	
0094.2MJ0356267m000302	480	0:17	03:56:26.7	-00:03:02	300	90	3.0	#68 2MASS Reds	4	

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0095.COMP	5	0:17	03:56:26.7	-00:03:02	300	90	3.0	#68 2MASS Reds	4	
0096.2MJ0357442m022224	360	0:17	03:57:44.2	-02:22:24	300	90	3.0	#68 2MASS Reds	4	
0097.2MJ0357442m022224	360	0:17	03:57:44.2	-02:22:24	300	90	3.0	#68 2MASS Reds	4	
0098.COMP	5	0:17	03:57:44.2	-02:22:24	300	90	3.0	#68 2MASS Reds	4	
0099.2MJ0350403p105704	360	0:17	03:50:40.3	+10:57:04	300	90	3.0	#68 2MASS Reds	4	
0100.2MJ0350403p105704	360	0:17	03:50:40.3	+10:57:04	300	90	3.0	#68 2MASS Reds	4	
0101.COMP	5	0:17	03:50:40.3	+10:57:04	300	90	3.0	#68 2MASS Reds	4	
0102.2MJ0407328m022557	420	0:17	04:07:32.8	-02:25:57	300	90	3.0	#68 2MASS Reds	4	
0103.2MJ0407328m022557	420	0:17	04:07:32.8	-02:25:57	300	90	3.0	#68 2MASS Reds	4	
0104.COMP	5	0:17	04:07:32.8	-02:25:57	300	90	3.0	#68 2MASS Reds	4	
0105.2MJ0906049m160924	420	0:17	09:06:04.9	-16:09:24	300	90	3.0	#68 2MASS Reds	4	
0106.2MJ0906049m160924	420	0:17	09:06:04.9	-16:09:24	300	90	3.0	#68 2MASS Reds	4	
0107.COMP	5	0:17	09:06:04.9	-16:09:24	300	90	3.0	#68 2MASS Reds	4	
0108.2MJ0922585m172522	360	0:17	09:22:58.5	-17:25:22	300	90	3.0	#68 2MASS Reds	4	
0109.COMP	5	0:17	09:22:58.5	-17:25:22	300	90	3.0	#68 2MASS Reds	4	
0110.2MJ0921037m201431	360	0:17	09:21:03.7	-20:14:31	300	90	3.0	#68 2MASS Reds	4	
0111.COMP	5	0:17	09:21:03.7	-20:14:31	300	90	3.0	#68 2MASS Reds	4	
0112.2MJ0926508m163826	360	0:17	09:26:50.8	-16:38:26	300	90	3.0	#68 2MASS Reds	4	
0113.2MJ0926508m163826	360	0:17	09:26:50.8	-16:38:26	300	90	3.0	#68 2MASS Reds	4	
0114.COMP	5	0:17	09:26:50.8	-16:38:26	300	90	3.0	#68 2MASS Reds	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0115.2MJ0927191m170051	420	0:17	09:27:19.1	-17:00:51	300	90	3.0	#68 2MASS Reds	4	
0116.COMP	5	0:17	09:27:19.1	-17:00:51	300	90	3.0	#68 2MASS Reds	4	
0117.2MJ0928080m195447	240	0:17	09:28:08.0	-19:54:47	300	90	3.0	#68 2MASS Reds	4	
0118.COMP	5	0:17	09:28:08.0	-19:54:47	300	90	3.0	#68 2MASS Reds	4	
0119.2MJ0928104m165406	420	0:17	09:28:10.4	-16:54:06	300	90	3.0	#68 2MASS Reds	4	
0120.COMP	5	0:17	09:28:10.4	-16:54:06	300	90	3.0	#68 2MASS Reds	4	
0121.2MJ0933500m165925	360	0:17	09:33:50.0	-16:59:25	300	90	3.0	#68 2MASS Reds	4	
0122.COMP	5	0:17	09:33:50.0	-16:59:25	300	90	3.0	#68 2MASS Reds	4	
0123.2MJ0934321m213414	420	0:17	09:34:32.1	-21:34:14	300	90	3.0	#68 2MASS Reds	4	
0124.2MJ0934321m213414	420	0:17	09:34:32.1	-21:34:14	300	90	3.0	#68 2MASS Reds	4	
0125.COMP	5	0:17	09:34:32.1	-21:34:14	300	90	3.0	#68 2MASS Reds	4	
0126.2MJ0937015m210405	420	0:17	09:37:01.5	-21:04:05	300	90	3.0	#68 2MASS Reds	4	
0127.2MJ0937015m210405	420	0:17	09:37:01.5	-21:04:05	300	90	3.0	#68 2MASS Reds	4	
0128.COMP	5	0:17	09:37:01.5	-21:04:05	300	90	3.0	#68 2MASS Reds	4	
0129.2MJ0935386m172309	360	0:17	09:35:38.6	-17:23:09	300	90	3.0	#68 2MASS Reds	4	
0130.2MJ0935386m172309	360	0:17	09:35:38.6	-17:23:09	300	90	3.0	#68 2MASS Reds	4	
0131.COMP	5	0:17	09:35:38.6	-17:23:09	300	90	3.0	#68 2MASS Reds	4	
0132.2MJ0937188m203809	360	0:17	09:37:18.8	-20:38:09	300	90	3.0	#68 2MASS Reds	4	
0133.2MJ0937188m203809	360	0:17	09:37:18.8	-20:38:09	300	90	3.0	#68 2MASS Reds	4	
0134.COMP	5	0:17	09:37:18.8	-20:38:09	300	90	3.0	#68 2MASS Reds	4	

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0135.2MJ0939286m175226	420	0:17	09:39:28.6	-17:52:26	300	90	3.0	#68 2MASS Reds	4	
0136.2MJ0939286m175226	420	0:17	09:39:28.6	-17:52:26	300	90	3.0	#68 2MASS Reds	4	
0137.COMP	5	0:17	09:39:28.6	-17:52:26	300	90	3.0	#68 2MASS Reds	4	
0138.2MJ0946358m233503	420	0:17	09:46:35.8	-23:35:03	300	90	3.0	#68 2MASS Reds	4	
0139.COMP	5	0:17	09:46:35.8	-23:35:03	300	90	3.0	#68 2MASS Reds	4	
0140.2MJ0956257m260541	360	0:17	09:56:25.7	-26:05:41	300	90	3.0	#68 2MASS Reds	4	
0141.COMP	5	0:17	09:56:25.7	-26:05:41	300	90	3.0	#68 2MASS Reds	4	
0142.2MJ1014388m272434	420	0:17	10:14:38.8	-27:24:34	300	90	3.0	#68 2MASS Reds	4	
0143.2MJ1014388m272434	420	0:17	10:14:38.8	-27:24:34	300	90	3.0	#68 2MASS Reds	4	
0144.COMP	5	0:17	10:14:38.8	-27:24:34	300	90	3.0	#68 2MASS Reds	4	
0145.2MJ1104381m070245	420	0:17	11:04:38.1	-07:02:45	300	90	3.0	#68 2MASS Reds	4	
0146.COMP	5	0:17	11:04:38.1	-07:02:45	300	90	3.0	#68 2MASS Reds	4	
0147.2MJ1225315m071410	360	0:17	12:25:31.5	-07:14:10	300	90	3.0	#68 2MASS Reds	4	
0148.COMP	5	0:17	12:25:31.5	-07:14:10	300	90	3.0	#68 2MASS Reds	4	
0149.2MJ1256000m080432	360	0:17	12:56:00.0	-08:04:32	300	90	3.0	#68 2MASS Reds	4	
0150.COMP	5	0:17	12:56:00.0	-08:04:32	300	90	3.0	#68 2MASS Reds	4	
0151.2MJ1256019m080743	360	0:17	12:56:01.9	-08:07:43	300	90	3.0	#68 2MASS Reds	4	
0152.COMP	5	0:17	12:56:01.9	-08:07:43	300	90	3.0	#68 2MASS Reds	4	
0153.2MJ1257177m063231	360	0:17	12:57:17.7	-06:32:31	300	90	3.0	#68 2MASS Reds	4	
0154.COMP	5	0:17	12:57:17.7	-06:32:31	300	90	3.0	#68 2MASS Reds	4	

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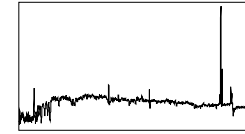
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0155.2MJ1300363m060431	360	0:17	13:00:36.3	-06:04:31	300	90	3.0	#68 2MASS Reds	4	
0156.COMP	5	0:17	13:00:36.3	-06:04:31	300	90	3.0	#68 2MASS Reds	4	
0157.2MJ1300488m120025	420	0:17	13:00:48.8	-12:00:25	300	90	3.0	#68 2MASS Reds	4	
0158.COMP	5	0:17	13:00:48.8	-12:00:25	300	90	3.0	#68 2MASS Reds	4	
0159.2MJ1332365m130948	420	0:17	13:32:36.5	-13:09:48	300	90	3.0	#68 2MASS Reds	4	
0160.COMP	5	0:17	13:32:36.5	-13:09:48	300	90	3.0	#68 2MASS Reds	4	
0161.2MJ1339247m113248	420	0:17	13:39:24.7	-11:32:48	300	90	3.0	#68 2MASS Reds	4	
0162.COMP	5	0:17	13:39:24.7	-11:32:48	300	90	3.0	#68 2MASS Reds	4	
0163.2MJ1406067p123013	420	0:17	14:06:06.7	+12:30:13	300	90	3.0	#68 2MASS Reds	4	
0164.COMP	5	0:17	14:06:06.7	+12:30:13	300	90	3.0	#68 2MASS Reds	4	
0165.2MJ1410421p215724	420	0:17	14:10:42.1	+21:57:24	300	90	3.0	#68 2MASS Reds	4	
0166.COMP	5	0:17	14:10:42.1	+21:57:24	300	90	3.0	#68 2MASS Reds	4	
0167.2MJ1450476p094143	420	0:17	14:50:47.6	+09:41:43	300	90	3.0	#68 2MASS Reds	4	
0168.COMP	5	0:17	14:50:47.6	+09:41:43	300	90	3.0	#68 2MASS Reds	4	
0169.2MJ1455038p252203	420	0:17	14:55:03.8	+25:22:03	300	90	3.0	#68 2MASS Reds	4	
0170.COMP	5	0:17	14:55:03.8	+25:22:03	300	90	3.0	#68 2MASS Reds	4	
0171.2MJ1506117p030833	420	0:17	15:06:11.7	+03:08:33	300	90	3.0	#68 2MASS Reds	4	
0172.COMP	5	0:17	15:06:11.7	+03:08:33	300	90	3.0	#68 2MASS Reds	4	
0173.2MJ1409245m051710	420	0:17	14:09:24.5	-05:17:10	300	90	3.0	#68 2MASS Reds	4	
0174.COMP	5	0:17	14:09:24.5	-05:17:10	300	90	3.0	#68 2MASS Reds	4	

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0175.2MJ1410224m072033	420	0:17	14:10:22.4	-07:20:33	300	90	3.0	#68 2MASS Reds	4	
0176.COMP	5	0:17	14:10:22.4	-07:20:33	300	90	3.0	#68 2MASS Reds	4	
0177.2MJ1423127m105103	420	0:17	14:23:12.7	-10:51:03	300	90	3.0	#68 2MASS Reds	4	
0178.COMP	5	0:17	14:23:12.7	-10:51:03	300	90	3.0	#68 2MASS Reds	4	
0179.2MJ1427239m143524	420	0:17	14:27:23.9	-14:35:24	300	90	3.0	#68 2MASS Reds	4	
0180.COMP	5	0:17	14:27:23.9	-14:35:24	300	90	3.0	#68 2MASS Reds	4	
0181.2MJ1429333m093340	420	0:17	14:29:33.3	-09:33:40	300	90	3.0	#68 2MASS Reds	4	
0182.COMP	5	0:17	14:29:33.3	-09:33:40	300	90	3.0	#68 2MASS Reds	4	
0183.2MJ1430072m062541	420	0:17	14:30:07.2	-06:25:41	300	90	3.0	#68 2MASS Reds	4	
0184.2MJ1430072m062541	420	0:17	14:30:07.2	-06:25:41	300	90	3.0	#68 2MASS Reds	4	
0185.COMP	5	0:17	14:30:07.2	-06:25:41	300	90	3.0	#68 2MASS Reds	4	
0186.2MJ1430178m051457	420	0:17	14:30:17.8	-05:14:57	300	90	3.0	#68 2MASS Reds	4	
0187.COMP	5	0:17	14:30:17.8	-05:14:57	300	90	3.0	#68 2MASS Reds	4	
0188.N4486B8	240	0:17	12:28:00.6	12:46:00	300	90	3.0	#57 Radial Vel	4	
0189.COMP	5	0:17	12:28:00.6	12:46:00	300	90	3.0	#57 Radial Vel	4	
0190.Wilson7740	60	0:17	12:56:00.0	46:18:00	300	90	3.0	#57 Radial Vel	4	
0191.COMP	5	0:17	12:56:00.0	46:18:00	300	90	3.0	#57 Radial Vel	4	
0192.Feige34	15	0:17	10:39:37.6	43:06:21	300	90	3.0	#56 Spectropho	4	
0193.COMP	5	0:17	10:39:37.6	43:06:21	300	90	3.0	#56 Spectropho	4	
0194-0196.SKY	90	13:41	19:15:00	31:30:00	300	90	3.0	#57 Velocity S	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0197-0198.SKY	60	13:43	19:15:00	31:30:00	300	60	3.0	#57 Velocity S	4	
0199.COMP	5	13:43	19:15:00	31:30:00	300	90	3.0	#57 Radial Vel	4	
0200.SKY	60	13:43	19:15:00	31:30:00	300	90	3.0	#57 Radial Vel	2	binby2
0201.SKY	60	13:43	19:15:00	31:30:00	300	90	3.0	#57 Radial Vel	2	
0202.SKY	45	13:43	19:15:00	31:30:00	300	90	3.0	#57 Radial Vel	2	
0203.SKY	35	13:43	19:15:00	31:30:00	300	90	3.0	#57 Radial Vel	2	
0204.SKY	30	13:43	19:15:00	31:30:00	300	90	3.0	#57 Radial Vel	2	
0205.COMP	12	13:43	19:15:00	31:30:00	300	90	3.0	#57 Radial Vel	2	
0206.SKYB	25	13:43	19:15:00	31:30:00	300	90	3.0	#57 Radial Vel	2	
0207.SKYB	20	13:43	19:15:00	31:30:00	300	90	3.0	#57 Radial Vel	2	
0208.SKYB	15	13:43	19:15:00	31:30:00	300	90	3.0	#57 Radial Vel	2	
0209.SKYB	15	13:43	19:15:00	31:30:00	300	90	3.0	#57 Radial Vel	2	
0210.SKYB	15	13:43	19:15:00	31:30:00	300	15	3.0	#57 Velocity S	2	
0211.COMP	12	13:43	19:15:00	31:30:00	300	90	3.0	#57 Radial Vel	2	
0212-0221.BIAS	0	14:01	19:15:00	31:30:00	300	90	3.0	#68 2MASS Reds	2	
0222.BIAS	0	14:01	19:15:00	31:30:00	300	90	3.0	#68 2MASS Reds	4	binby4
0223-0231.BIAS	0	14:07	19:15:00	31:30:00	300	90	3.0	#68 2MASS Reds	4	
0232-0236.DARK	900	15:08	19:15:00	31:30:00	300	90	3.0	#68 2MASS Reds	4	
0237.DARK	900	15:08	19:15:00	31:30:00	300	90	3.0	#68 2MASS Reds	2	binby2
0238-0241.DARK	900	16:25	19:15:00	31:30:00	300	90	3.0	#68 2MASS Reds	2	

UT Date 2002-02-07 Observers L MacriColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.DARK	900	23:00	19:15:00	31:30:00	300	90	3.0	#68 2MASS Reds	2	binby2
0002-0005.DARK	900	0:01	19:15:00	31:30:00	300	90	3.0	#68 2MASS Reds	2	
0006.DARK	900	0:01	19:15:00	31:30:00	300	90	3.0	#68 2MASS Reds	4	binby4
0007-0010.DARK	900	1:18	19:15:00	31:30:00	300	90	3.0	#68 2MASS Reds	4	
0011.SKY	60	1:18	00:18:00	00:00:00	300	60	3.0	#57 Velocity S	4	
0012.SKY	75	1:18	00:18:00	00:00:00	300	75	3.0	#57 Velocity S	4	
0013.SKY	90	1:18	00:18:00	00:00:00	300	90	3.0	#57 Velocity S	4	
0014.SKY	120	1:18	00:18:00	00:00:00	300	120	3.0	#57 Velocity S	4	
0015.SKY	150	1:18	00:18:00	00:00:00	300	150	3.0	#57 Velocity S	4	
0016.COMP	5	1:18	00:18:00	00:00:00	300	90	3.0	#56 Radial Vel	4	
0017-0026.BIAS	0	1:49	00:18:00	00:00:00	300	90	3.0	#68 2MASS Reds	4	
0027-0036.FLAT	6	1:53	00:18:00	00:00:00	300	90	3.0	#68 2MASS Reds	4	
0037.BIAS	0	1:53	00:18:00	00:00:00	300	90	3.0	#68 2MASS Reds	2	binby2
0038-0046.BIAS	0	1:56	00:18:00	00:00:00	300	90	3.0	#68 2MASS Reds	2	
0047-0056.FLAT	12	2:01	00:18:00	00:00:00	300	90	3.0	#68 2MASS Reds	2	
0057.sn2002ap	240	2:01	01:36:23.8	+15:45:13	300	90	3.0	#2 SN Observat	2	
0058.sn2002ap	240	2:01	01:36:23.8	+15:45:13	300	90	3.0	#2 SN Observat	2	
0059.COMP	12	2:01	01:36:23.8	+15:45:13	300	90	3.0	#2 SN Observat	2	
0060.2MJ0315432p082849	420	2:01	03:15:43.2	+08:28:49	300	90	3.0	#68 2MASS Reds	2	
0061.2MJ0315432p082849	420	2:01	03:15:43.2	+08:28:49	300	90	3.0	#68 2MASS Reds	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0062.COMP	12	2:01	03:15:43.2	+08:28:49	300	90	3.0	#68 2MASS Reds	2	
0063.2MJ0326566p074047	420	2:01	03:26:56.6	+07:40:47	300	90	3.0	#68 2MASS Reds	4	
0064.2MJ0326566p074047	420	2:01	03:26:56.6	+07:40:47	300	90	3.0	#68 2MASS Reds	4	
0065.COMP	5	2:01	03:26:56.6	+07:40:47	300	90	3.0	#68 2MASS Reds	4	
0066.2MJ0349302p135032	360	2:01	03:49:30.2	+13:50:32	300	90	3.0	#68 2MASS Reds	4	
0067.COMP	5	2:01	03:49:30.2	+13:50:32	300	90	3.0	#68 2MASS Reds	4	
0068.2MJ0440239m215029	360	2:01	04:40:23.9	-21:50:29	300	90	3.0	#68 2MASS Reds	4	
0069.COMP	5	2:01	04:40:23.9	-21:50:29	300	90	3.0	#68 2MASS Reds	4	
0070.2MJ0441340m230756	360	2:01	04:41:34.0	-23:07:56	300	90	3.0	#68 2MASS Reds	4	
0071.COMP	5	2:01	04:41:34.0	-23:07:56	300	90	3.0	#68 2MASS Reds	4	
0072.2MJ0455002m260205	360	2:01	04:55:00.2	-26:02:05	300	90	3.0	#68 2MASS Reds	4	
0073.COMP	5	2:01	04:55:00.2	-26:02:05	300	90	3.0	#68 2MASS Reds	4	
0074.2MJ0427188m184355	300	2:01	04:27:18.8	-18:43:55	300	90	3.0	#68 2MASS Reds	4	
0075.COMP	5	2:01	04:27:18.8	-18:43:55	300	90	3.0	#68 2MASS Reds	4	
0076.2MJ0428103m173123	360	2:01	04:28:10.3	-17:31:23	300	90	3.0	#68 2MASS Reds	4	
0077.COMP	5	2:01	04:28:10.3	-17:31:23	300	90	3.0	#68 2MASS Reds	4	
0078.2MJ0428207m173543	300	2:01	04:28:20.7	-17:35:43	300	90	3.0	#68 2MASS Reds	4	
0079.COMP	5	2:01	04:28:20.7	-17:35:43	300	90	3.0	#68 2MASS Reds	4	
0080.2MJ0437155m185406	300	2:01	04:37:15.5	-18:54:06	300	90	3.0	#68 2MASS Reds	4	
0081.COMP	5	2:01	04:37:15.5	-18:54:06	300	90	3.0	#68 2MASS Reds	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0082.2MJ0440170m160232	300	2:01	04:40:17.0	-16:02:32	300	90	3.0	#68 2MASS Reds	4	
0083.COMP	5	2:01	04:40:17.0	-16:02:32	300	90	3.0	#68 2MASS Reds	4	
0084.2MJ0433381m141848	420	2:01	04:33:38.1	-14:18:48	300	90	3.0	#68 2MASS Reds	4	
0085.2MJ0433381m141848	420	2:01	04:33:38.1	-14:18:48	300	90	3.0	#68 2MASS Reds	4	
0086.COMP	5	2:01	04:33:38.1	-14:18:48	300	90	3.0	#68 2MASS Reds	4	
0087.2MJ0434069m135611	420	2:01	04:34:06.9	-13:56:11	300	90	3.0	#68 2MASS Reds	4	
0088.2MJ0434069m135611	420	2:01	04:34:06.9	-13:56:11	300	90	3.0	#68 2MASS Reds	4	
0089.COMP	5	2:01	04:34:06.9	-13:56:11	300	90	3.0	#68 2MASS Reds	4	
0090.2MJ0434517m140408	420	2:01	04:34:51.7	-14:04:08	300	90	3.0	#68 2MASS Reds	4	
0091.2MJ0434517m140408	420	2:01	04:34:51.7	-14:04:08	300	90	3.0	#68 2MASS Reds	4	
0092.COMP	5	2:01	04:34:51.7	-14:04:08	300	90	3.0	#68 2MASS Reds	4	
0093.2MJ0427328m120935	360	2:01	04:27:32.8	-12:09:35	300	90	3.0	#68 2MASS Reds	4	
0094.COMP	5	2:01	04:27:32.8	-12:09:35	300	90	3.0	#68 2MASS Reds	4	
0095.2MJ0428164m120915	360	2:01	04:28:16.4	-12:09:15	300	90	3.0	#68 2MASS Reds	4	
0096.COMP	5	2:01	04:28:16.4	-12:09:15	300	90	3.0	#68 2MASS Reds	4	
0097.2MJ0428537m091829	360	2:01	04:28:53.7	-09:18:29	300	90	3.0	#68 2MASS Reds	4	
0098.COMP	5	2:01	04:28:53.7	-09:18:29	300	90	3.0	#68 2MASS Reds	4	
0099.2MJ0414011m034538	300	2:01	04:14:01.1	-03:45:38	300	90	3.0	#68 2MASS Reds	4	
0100.COMP	5	2:01	04:14:01.1	-03:45:38	300	90	3.0	#68 2MASS Reds	4	
0101.2MJ0359257m004020	360	2:01	03:59:25.7	-00:40:20	300	90	3.0	#68 2MASS Reds	4	

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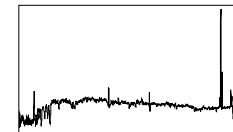
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0102.COMP	5	2:01	03:59:25.7	-00:40:20	300	90	3.0	#68 2MASS Reds	4	
0103.2MJ0401557p025451	420	2:01	04:01:55.7	+02:54:51	300	90	3.0	#68 2MASS Reds	4	
0104.2MJ0401557p025451	420	2:01	04:01:55.7	+02:54:51	300	90	3.0	#68 2MASS Reds	4	
0105.COMP	5	2:01	04:01:55.7	+02:54:51	300	90	3.0	#68 2MASS Reds	4	
0106.2MJ0408453p001306	360	2:01	04:08:45.3	+00:13:06	300	90	3.0	#68 2MASS Reds	4	
0107.2MJ0408453p001306	360	2:01	04:08:45.3	+00:13:06	300	90	3.0	#68 2MASS Reds	4	
0108.COMP	5	2:01	04:08:45.3	+00:13:06	300	90	3.0	#68 2MASS Reds	4	
0109.2MJ0416513p023419	300	2:01	04:16:51.3	+02:34:19	300	90	3.0	#68 2MASS Reds	4	
0110.COMP	5	2:01	04:16:51.3	+02:34:19	300	90	3.0	#68 2MASS Reds	4	
0111.2MJ0835110m082313	360	2:01	08:35:11.0	-08:23:13	300	90	3.0	#68 2MASS Reds	4	
0112.COMP	5	2:01	08:35:11.0	-08:23:13	300	90	3.0	#68 2MASS Reds	4	
0113.2MJ0754574m022212	360	2:01	07:54:57.4	-02:22:12	300	90	3.0	#68 2MASS Reds	4	
0114.COMP	5	2:01	07:54:57.4	-02:22:12	300	90	3.0	#68 2MASS Reds	4	
0115.2MJ0507262p673949	300	2:01	05:07:26.2	+67:39:49	300	90	3.0	#68 2MASS Reds	4	
0116.COMP	5	2:01	05:07:26.2	+67:39:49	300	90	3.0	#68 2MASS Reds	4	
0117.2MJ0512170p651156	360	2:01	05:12:17.0	+65:11:56	300	90	3.0	#68 2MASS Reds	4	
0118.COMP	5	2:01	05:12:17.0	+65:11:56	300	90	3.0	#68 2MASS Reds	4	
0119.2MJ0514058p705324	360	2:01	05:14:05.8	+70:53:24	300	90	3.0	#68 2MASS Reds	4	
0120.COMP	5	2:01	05:14:05.8	+70:53:24	300	90	3.0	#68 2MASS Reds	4	
0121.2MJ0521254p660522	360	2:01	05:21:25.4	+66:05:22	300	90	3.0	#68 2MASS Reds	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0122.COMP	5	2:01	05:21:25.4	+66:05:22	300	90	3.0	#68 2MASS Reds	4	
0123.2MJ0528179p682906	360	2:01	05:28:17.9	+68:29:06	300	90	3.0	#68 2MASS Reds	4	
0124.2MJ0528179p682906	360	2:01	05:28:17.9	+68:29:06	300	90	3.0	#68 2MASS Reds	4	
0125.COMP	5	2:01	05:28:17.9	+68:29:06	300	90	3.0	#68 2MASS Reds	4	
0126.2MJ0555567p605104	360	2:01	05:55:56.7	+60:51:04	300	90	3.0	#68 2MASS Reds	4	
0127.COMP	5	2:01	05:55:56.7	+60:51:04	300	90	3.0	#68 2MASS Reds	4	
0128.2MJ0852137m221942	360	2:01	08:52:13.7	-22:19:42	300	90	3.0	#68 2MASS Reds	4	
0129.COMP	5	2:01	08:52:13.7	-22:19:42	300	90	3.0	#68 2MASS Reds	4	
0130.2MJ0858318m222917	360	2:01	08:58:31.8	-22:29:17	300	90	3.0	#68 2MASS Reds	4	
0131.COMP	5	2:01	08:58:31.8	-22:29:17	300	90	3.0	#68 2MASS Reds	4	
0132.2MJ0826055m090506	300	2:01	08:26:05.5	-09:05:06	300	90	3.0	#68 2MASS Reds	4	
0133.COMP	5	2:01	08:26:05.5	-09:05:06	300	90	3.0	#68 2MASS Reds	4	
0134.2MJ0633000p402233	360	2:01	06:33:00.0	+40:22:33	300	90	3.0	#68 2MASS Reds	4	
0135.COMP	5	2:01	06:33:00.0	+40:22:33	300	90	3.0	#68 2MASS Reds	4	
0136.2MJ0948560m260231	360	2:01	09:48:56.0	-26:02:31	300	90	3.0	#68 2MASS Reds	4	
0137.COMP	5	2:01	09:48:56.0	-26:02:31	300	90	3.0	#68 2MASS Reds	4	
0138.2MJ0951059m255353	360	2:01	09:51:05.9	-25:53:53	300	90	3.0	#68 2MASS Reds	4	
0139.COMP	5	2:01	09:51:05.9	-25:53:53	300	90	3.0	#68 2MASS Reds	4	
0140.2MJ0955533m230321	360	2:01	09:55:53.3	-23:03:21	300	90	3.0	#68 2MASS Reds	4	
0141.COMP	5	2:01	09:55:53.3	-23:03:21	300	90	3.0	#68 2MASS Reds	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0142.2MJ0959071m255943	300	2:01	09:59:07.1	-25:59:43	300	90	3.0	#68 2MASS Reds	4	
0143.COMP	5	2:01	09:59:07.1	-25:59:43	300	90	3.0	#68 2MASS Reds	4	
0144.2MJ0959244m245814	300	2:01	09:59:24.4	-24:58:14	300	90	3.0	#68 2MASS Reds	4	
0145.COMP	5	2:01	09:59:24.4	-24:58:14	300	90	3.0	#68 2MASS Reds	4	
0146.2MJ1000571m252557	300	2:01	10:00:57.1	-25:25:57	300	90	3.0	#68 2MASS Reds	4	
0147.COMP	5	2:01	10:00:57.1	-25:25:57	300	90	3.0	#68 2MASS Reds	4	
0148.2MJ1014388m272434	300	2:01	10:14:38.8	-27:24:34	300	90	3.0	#68 2MASS Reds	4	
0149.COMP	5	2:01	10:14:38.8	-27:24:34	300	90	3.0	#68 2MASS Reds	4	
0150.2MJ0826585m155218	300	2:01	08:26:58.5	-15:52:18	300	90	3.0	#68 2MASS Reds	4	
0151.COMP	5	2:01	08:26:58.5	-15:52:18	300	90	3.0	#68 2MASS Reds	4	
0152.2MJ0837229m202953	300	2:01	08:37:22.9	-20:29:53	300	90	3.0	#68 2MASS Reds	4	
0153.COMP	5	2:01	08:37:22.9	-20:29:53	300	90	3.0	#68 2MASS Reds	4	
0154.2MJ0829383m171751	240	2:01	08:29:38.3	-17:17:51	300	90	3.0	#68 2MASS Reds	4	
0155.COMP	5	2:01	08:29:38.3	-17:17:51	300	90	3.0	#68 2MASS Reds	4	
0156.2MJ0829216m165300	300	2:01	08:29:21.6	-16:53:00	300	90	3.0	#68 2MASS Reds	4	
0157.COMP	5	2:01	08:29:21.6	-16:53:00	300	90	3.0	#68 2MASS Reds	4	
0158.2MJ0823197m150100	360	2:01	08:23:19.7	-15:01:00	300	90	3.0	#68 2MASS Reds	4	
0159.COMP	5	2:01	08:23:19.7	-15:01:00	300	90	3.0	#68 2MASS Reds	4	
0160.NGC4486B	300	2:01	12:28:00	12:46:00	300	90	3.0	#57 Radial Vel	4	
0161.COMP	5	2:01	12:28:00	12:46:00	300	90	3.0	#57 Radial Vel	4	

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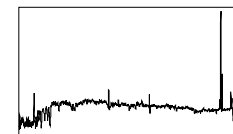
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0162.Wilson7740	300	2:01	12:56:00.0	46:18:00	300	90	3.0	#57 Radial Vel	4	
0163.COMP	5	2:01	12:56:00.0	46:18:00	300	90	3.0	#57 Radial Vel	4	
0164.2MJ1317523p140659	240	2:01	13:17:52.3	+14:06:59	300	90	3.0	#68 2MASS Reds	4	
0165.COMP	5	2:01	13:17:52.3	+14:06:59	300	90	3.0	#68 2MASS Reds	4	
0166.2MJ1315252p152522	360	2:01	13:15:25.2	+15:25:22	300	90	3.0	#68 2MASS Reds	4	
0167.COMP	5	2:01	13:15:25.2	+15:25:22	300	90	3.0	#68 2MASS Reds	4	
0168.2MJ1317254p091918	360	2:01	13:17:25.4	+09:19:18	300	90	3.0	#68 2MASS Reds	4	
0169.COMP	5	2:01	13:17:25.4	+09:19:18	300	90	3.0	#68 2MASS Reds	4	
0170.2MJ1325118p082148	360	2:01	13:25:11.8	+08:21:48	300	90	3.0	#68 2MASS Reds	4	
0171.COMP	5	2:01	13:25:11.8	+08:21:48	300	90	3.0	#68 2MASS Reds	4	
0172.2MJ1316516p074314	360	2:01	13:16:51.6	+07:43:14	300	90	3.0	#68 2MASS Reds	4	
0173.COMP	5	2:01	13:16:51.6	+07:43:14	300	90	3.0	#68 2MASS Reds	4	
0174.2MJ1219264p211012	300	2:01	12:19:26.4	+21:10:12	300	90	3.0	#68 2MASS Reds	4	
0175.COMP	5	2:01	12:19:26.4	+21:10:12	300	90	3.0	#68 2MASS Reds	4	
0176.2MJ1153440p222206	360	2:01	11:53:44.0	+22:22:06	300	90	3.0	#68 2MASS Reds	4	
0177.COMP	5	2:01	11:53:44.0	+22:22:06	300	90	3.0	#68 2MASS Reds	4	
0178.2MJ1134182p211559	360	2:01	11:34:18.2	+21:15:59	300	90	3.0	#68 2MASS Reds	4	
0179.COMP	5	2:01	11:34:18.2	+21:15:59	300	90	3.0	#68 2MASS Reds	4	
0180.2MJ1434168m065237	360	2:01	14:34:16.8	-06:52:37	300	90	3.0	#68 2MASS Reds	4	
0181.COMP	5	2:01	14:34:16.8	-06:52:37	300	90	3.0	#68 2MASS Reds	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0182.2MJ1435183m052638	360	2:01	14:35:18.3	-05:26:38	300	90	3.0	#68 2MASS Reds	4	
0183.COMP	5	2:01	14:35:18.3	-05:26:38	300	90	3.0	#68 2MASS Reds	4	
0184.2MJ1435474m052409	300	2:01	14:35:47.4	-05:24:09	300	90	3.0	#68 2MASS Reds	4	
0185.COMP	5	2:01	14:35:47.4	-05:24:09	300	90	3.0	#68 2MASS Reds	4	
0186.2MJ1445191m105808	300	2:01	14:45:19.1	-10:58:08	300	90	3.0	#68 2MASS Reds	4	
0187.COMP	5	2:01	14:45:19.1	-10:58:08	300	90	3.0	#68 2MASS Reds	4	
0188.2MJ1445338m113909	300	2:01	14:45:33.8	-11:39:09	300	90	3.0	#68 2MASS Reds	4	
0189.COMP	5	2:01	14:45:33.8	-11:39:09	300	90	3.0	#68 2MASS Reds	4	
0190.2MJ1453067m070115	300	2:01	14:53:06.7	-07:01:15	300	90	3.0	#68 2MASS Reds	4	
0191.COMP	5	2:01	14:53:06.7	-07:01:15	300	90	3.0	#68 2MASS Reds	4	
0192.2MJ1511172m095232	300	2:01	15:11:17.2	-09:52:32	300	90	3.0	#68 2MASS Reds	4	
0193.COMP	5	2:01	15:11:17.2	-09:52:32	300	90	3.0	#68 2MASS Reds	4	
0194.2MJ1513106m040133	300	2:01	15:13:10.6	-04:01:33	300	90	3.0	#68 2MASS Reds	4	
0195.COMP	5	2:01	15:13:10.6	-04:01:33	300	90	3.0	#68 2MASS Reds	4	
0196.2MJ1506223m014505	300	2:01	15:06:22.3	-01:45:05	300	90	3.0	#68 2MASS Reds	4	
0197.COMP	5	2:01	15:06:22.3	-01:45:05	300	90	3.0	#68 2MASS Reds	4	
0198.2MJ1506451m011354	300	2:01	15:06:45.1	-01:13:54	300	90	3.0	#68 2MASS Reds	4	
0199.COMP	5	2:01	15:06:45.1	-01:13:54	300	90	3.0	#68 2MASS Reds	4	
0200.2MJ1513263m072138	420	2:01	15:13:26.3	-07:21:38	300	90	3.0	#68 2MASS Reds	4	
0201.COMP	5	2:01	15:13:26.3	-07:21:38	300	90	3.0	#68 2MASS Reds	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0202.2MJ1514471m093217	300	2:01	15:14:47.1	-09:32:17	300	90	3.0	#68 2MASS Reds	4	
0203.COMP	5	2:01	15:14:47.1	-09:32:17	300	90	3.0	#68 2MASS Reds	4	
0204.2MJ1520375m110302	300	2:01	15:20:37.5	-11:03:02	300	90	3.0	#68 2MASS Reds	4	
0205.COMP	5	2:01	15:20:37.5	-11:03:02	300	90	3.0	#68 2MASS Reds	4	
0206.2MJ1521141m134537	300	2:01	15:21:14.1	-13:45:37	300	90	3.0	#68 2MASS Reds	4	
0207.COMP	5	2:01	15:21:14.1	-13:45:37	300	90	3.0	#68 2MASS Reds	4	
0208.2MJ1521514m174344	300	2:01	15:21:51.4	-17:43:44	300	90	3.0	#68 2MASS Reds	4	
0209.COMP	5	2:01	15:21:51.4	-17:43:44	300	90	3.0	#68 2MASS Reds	4	
0210.2MJ1525124m014839	300	2:01	15:25:12.4	-01:48:39	300	90	3.0	#68 2MASS Reds	4	
0211.COMP	5	2:01	15:25:12.4	-01:48:39	300	90	3.0	#68 2MASS Reds	4	
0212.2MJ1527441p064813	300	2:01	15:27:44.1	+06:48:13	300	90	3.0	#68 2MASS Reds	4	
0213.COMP	5	2:01	15:27:44.1	+06:48:13	300	90	3.0	#68 2MASS Reds	4	
0214.2MJ1527313p183626	300	2:01	15:27:31.3	+18:36:26	300	90	3.0	#68 2MASS Reds	4	
0215.COMP	5	2:01	15:27:31.3	+18:36:26	300	90	3.0	#68 2MASS Reds	4	
0216.2MJ1557214p544016	240	2:01	15:57:21.4	+54:40:16	300	90	3.0	#68 2MASS Reds	4	
0217.COMP	5	2:01	15:57:21.4	+54:40:16	300	90	3.0	#68 2MASS Reds	4	
0218.2MJ1559010p460124	240	2:01	15:59:01.0	+46:01:24	300	90	3.0	#68 2MASS Reds	4	
0219.COMP	5	2:01	15:59:01.0	+46:01:24	300	90	3.0	#68 2MASS Reds	4	
0220.2MJ1556273p420603	180	2:01	15:56:27.3	+42:06:03	300	90	3.0	#68 2MASS Reds	4	
0221.COMP	5	2:01	15:56:27.3	+42:06:03	300	90	3.0	#68 2MASS Reds	4	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0222.2MJ1546543p445004	240	2:01	15:46:54.3	+44:50:04	300	90	3.0	#68 2MASS Reds	4	
0223.COMP	5	2:01	15:46:54.3	+44:50:04	300	90	3.0	#68 2MASS Reds	4	
0224.2MJ1557563p284742	240	2:01	15:57:56.3	+28:47:42	300	90	3.0	#68 2MASS Reds	4	
0225.COMP	5	2:01	15:57:56.3	+28:47:42	300	90	3.0	#68 2MASS Reds	4	
0226.Feige34	30	2:01	10:39:37.6	43:06:21	300	90	3.0	#56 Spectropho	4	
0227.COMP	5	2:01	10:39:37.6	43:06:21	300	90	3.0	#56 Spectropho	4	
0228-0237.BIAS	0	13:32	10:39:37.6	43:06:21	300	90	3.0	#56 Spectropho	4	
0238-0242.DARK	900	14:34	10:39:37.6	43:06:21	300	90	3.0	#56 Spectropho	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.BIAS	0	21:44	10:39:37.6	43:06:21	300	90	3.0	#56 Spectropho	4	binby4
0002-0010.BIAS	0	21:46	10:39:37.6	43:06:21	300	90	3.0	#56 Spectropho	4	
0011.BIAS	0	21:46	10:39:37.6	43:06:21	300	90	3.0	#56 Spectropho	2	binby2
0012-0020.BIAS	0	21:48	10:39:37.6	43:06:21	300	90	3.0	#56 Spectropho	2	
0021.DARK	900	21:48	10:39:37.6	43:06:21	300	90	3.0	#56 Spectropho	4	binby4
0022-0025.DARK	900	22:58	10:39:37.6	43:06:21	300	90	3.0	#56 Spectropho	4	
0026.DARK	900	22:58	10:39:37.6	43:06:21	300	90	3.0	#56 Spectropho	2	binby2
0027-0030.DARK	900	0:15	10:39:37.6	43:06:21	300	90	3.0	#56 Spectropho	2	
0031.FLAT	6	0:15	10:39:37.6	43:06:21	300	90	3.0	#56 Spectropho	4	binby4
0032-0040.FLAT	6	0:45	10:39:37.6	43:06:21	300	90	3.0	#56 Spectropho	4	
0041.FLAT	12	0:45	10:39:37.6	43:06:21	300	90	3.0	#56 Spectropho	2	binby2
0042-0050.FLAT	12	0:50	10:39:37.6	43:06:21	300	90	3.0	#56 Spectropho	2	
0051.SKY	5	0:50	1:09:20	31:30:00	300	5	3.0	#57 Velocity S	4	binby4
0052-0055.SKY	5	1:23	1:09:20	31:30:00	300	5	3.0	#57 Velocity S	4	
0056.COMP	5	1:23	1:09:20	31:30:00	300	90	3.0	#57 Radial Vel	4	
0057.sn2002ap	240	1:23	01:36:23.8	+15:45:13	300	90	3.0	#2 SN Observat	2	binby2
0058.sn2002ap	240	1:23	01:36:23.8	+15:45:13	300	90	3.0	#2 SN Observat	2	
0059.COMP	12	1:23	01:36:23.8	+15:45:13	300	90	3.0	#2 SN Observat	2	
0060.2MJ0319155p760353	360	1:23	03:19:15.5	+76:03:53	300	90	3.0	#68 2MASS Reds	4	
0061.COMP	5	1:23	03:19:15.5	+76:03:53	300	90	3.0	#68 2MASS Reds	4	

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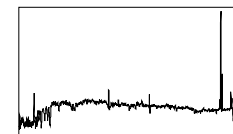
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0062.2MJ0336565p764252	360	1:23	03:36:56.5	+76:42:52	300	90	3.0	#68 2MASS Reds	4	
0063.2MJ0336565p764252	360	1:23	03:36:56.5	+76:42:52	300	90	3.0	#68 2MASS Reds	4	
0064.COMP	5	1:23	03:36:56.5	+76:42:52	300	90	3.0	#68 2MASS Reds	4	
0065.2MJ0341491p770027	360	1:23	03:41:49.1	+77:00:27	300	90	3.0	#68 2MASS Reds	4	
0066.COMP	5	1:23	03:41:49.1	+77:00:27	300	90	3.0	#68 2MASS Reds	4	
0067.2MJ0427398m054701	300	1:23	04:27:39.8	-05:47:01	300	90	3.0	#68 2MASS Reds	4	
0068.COMP	5	1:23	04:27:39.8	-05:47:01	300	90	3.0	#68 2MASS Reds	4	
0069.2MJ0428557m035024	300	1:23	04:28:55.7	-03:50:24	300	90	3.0	#68 2MASS Reds	4	
0070.COMP	5	1:23	04:28:55.7	-03:50:24	300	90	3.0	#68 2MASS Reds	4	
0071.2MJ0430065m091303	300	1:23	04:30:06.5	-09:13:03	300	90	3.0	#68 2MASS Reds	4	
0072.COMP	5	1:23	04:30:06.5	-09:13:03	300	90	3.0	#68 2MASS Reds	4	
0073.2MJ0432036m062037	300	1:23	04:32:03.6	-06:20:37	300	90	3.0	#68 2MASS Reds	4	
0074.COMP	5	1:23	04:32:03.6	-06:20:37	300	90	3.0	#68 2MASS Reds	4	
0075.2MJ0433074m073130	360	1:23	04:33:07.4	-07:31:30	300	90	3.0	#68 2MASS Reds	4	
0076.COMP	5	1:23	04:33:07.4	-07:31:30	300	90	3.0	#68 2MASS Reds	4	
0077.2MJ0438095m111350	360	1:23	04:38:09.5	-11:13:50	300	90	3.0	#68 2MASS Reds	4	
0078.COMP	5	1:23	04:38:09.5	-11:13:50	300	90	3.0	#68 2MASS Reds	4	
0079.2MJ0439586m092721	360	1:23	04:39:58.6	-09:27:21	300	90	3.0	#68 2MASS Reds	4	
0080.COMP	5	1:23	04:39:58.6	-09:27:21	300	90	3.0	#68 2MASS Reds	4	
0081.2MJ0439589m103919	360	1:23	04:39:58.9	-10:39:19	300	90	3.0	#68 2MASS Reds	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0082.COMP	5	1:23	04:39:58.9	-10:39:19	300	90	3.0	#68 2MASS Reds	4	
0083.2MJ0440508m121650	300	1:23	04:40:50.8	-12:16:50	300	90	3.0	#68 2MASS Reds	4	
0084.COMP	5	1:23	04:40:50.8	-12:16:50	300	90	3.0	#68 2MASS Reds	4	
0085.2MJ0443130m154211	300	1:23	04:43:13.0	-15:42:11	300	90	3.0	#68 2MASS Reds	4	
0086.COMP	5	1:23	04:43:13.0	-15:42:11	300	90	3.0	#68 2MASS Reds	4	
0087.2MJ0445131m150651	300	1:23	04:45:13.1	-15:06:51	300	90	3.0	#68 2MASS Reds	4	
0088.COMP	5	1:23	04:45:13.1	-15:06:51	300	90	3.0	#68 2MASS Reds	4	
0089.2MJ0446073m154915	300	1:23	04:46:07.3	-15:49:15	300	90	3.0	#68 2MASS Reds	4	
0090.COMP	5	1:23	04:46:07.3	-15:49:15	300	90	3.0	#68 2MASS Reds	4	
0091.2MJ0446079m170350	360	1:23	04:46:07.9	-17:03:50	300	90	3.0	#68 2MASS Reds	4	
0092.COMP	5	1:23	04:46:07.9	-17:03:50	300	90	3.0	#68 2MASS Reds	4	
0093.2MJ0454429m172707	360	1:23	04:54:42.9	-17:27:07	300	90	3.0	#68 2MASS Reds	4	
0094.COMP	5	1:23	04:54:42.9	-17:27:07	300	90	3.0	#68 2MASS Reds	4	
0095.2MJ0455480m185653	360	1:23	04:55:48.0	-18:56:53	300	90	3.0	#68 2MASS Reds	4	
0096.COMP	5	1:23	04:55:48.0	-18:56:53	300	90	3.0	#68 2MASS Reds	4	
0097.2MJ0456160m202349	300	1:23	04:56:16.0	-20:23:49	300	90	3.0	#68 2MASS Reds	4	
0098.COMP	5	1:23	04:56:16.0	-20:23:49	300	90	3.0	#68 2MASS Reds	4	
0099.2MJ0459355m240906	300	1:23	04:59:35.5	-24:09:06	300	90	3.0	#68 2MASS Reds	4	
0100.COMP	5	1:23	04:59:35.5	-24:09:06	300	90	3.0	#68 2MASS Reds	4	
0101.2MJ0450169m142050	300	1:23	04:50:16.9	-14:20:50	300	90	3.0	#68 2MASS Reds	4	

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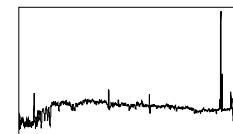
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0102.COMP	5	1:23	04:50:16.9	-14:20:50	300	90	3.0	#68 2MASS Reds	4	
0103.2MJ0455110p753900	300	1:23	04:55:11.0	+75:39:00	300	90	3.0	#68 2MASS Reds	4	
0104.COMP	5	1:23	04:55:11.0	+75:39:00	300	90	3.0	#68 2MASS Reds	4	
0105.2MJ0454007p704724	300	1:23	04:54:00.7	+70:47:24	300	90	3.0	#68 2MASS Reds	4	
0106.COMP	5	1:23	04:54:00.7	+70:47:24	300	90	3.0	#68 2MASS Reds	4	
0107.2MJ0453454p633604	300	1:23	04:53:45.4	+63:36:04	300	90	3.0	#68 2MASS Reds	4	
0108.COMP	5	1:23	04:53:45.4	+63:36:04	300	90	3.0	#68 2MASS Reds	4	
0109.2MJ0451163p691053	300	1:23	04:51:16.3	+69:10:53	300	90	3.0	#68 2MASS Reds	4	row=41
0110.COMP	5	1:23	04:51:16.3	+69:10:53	300	90	3.0	#68 2MASS Reds	4	
0111.2MJ0449001p635852	360	1:23	04:49:00.1	+63:58:52	300	90	3.0	#68 2MASS Reds	4	
0112.COMP	5	1:23	04:49:00.1	+63:58:52	300	90	3.0	#68 2MASS Reds	4	
0113.2MJ0436215p732429	300	1:23	04:36:21.5	+73:24:29	300	90	3.0	#68 2MASS Reds	4	
0114.COMP	5	1:23	04:36:21.5	+73:24:29	300	90	3.0	#68 2MASS Reds	4	
0115.2MJ0455116p690726	300	1:23	04:55:11.6	+69:07:26	300	90	3.0	#68 2MASS Reds	4	
0116.COMP	5	1:23	04:55:11.6	+69:07:26	300	90	3.0	#68 2MASS Reds	4	
0117.2MJ0501275p615735	360	1:23	05:01:27.5	+61:57:35	300	90	3.0	#68 2MASS Reds	4	
0118.2MJ0501275p615735	360	1:23	05:01:27.5	+61:57:35	300	90	3.0	#68 2MASS Reds	4	
0119.COMP	5	1:23	05:01:27.5	+61:57:35	300	90	3.0	#68 2MASS Reds	4	
0120.2MJ0505269p630135	360	1:23	05:05:26.9	+63:01:35	300	90	3.0	#68 2MASS Reds	4	
0121.2MJ0505269p630135	360	1:23	05:05:26.9	+63:01:35	300	90	3.0	#68 2MASS Reds	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0122.COMP	5	1:23	05:05:26.9	+63:01:35	300	90	3.0	#68 2MASS Reds	4	
0123.2MJ0506108p622819	300	1:23	05:06:10.8	+62:28:19	300	90	3.0	#68 2MASS Reds	4	
0124.COMP	5	1:23	05:06:10.8	+62:28:19	300	90	3.0	#68 2MASS Reds	4	
0125.2MJ0507256p625550	300	1:23	05:07:25.6	+62:55:50	300	90	3.0	#68 2MASS Reds	4	
0126.COMP	5	1:23	05:07:25.6	+62:55:50	300	90	3.0	#68 2MASS Reds	4	
0127.2MJ0510288p605024	360	1:23	05:10:28.8	+60:50:24	300	90	3.0	#68 2MASS Reds	4	
0128.2MJ0510288p605024	360	1:23	05:10:28.8	+60:50:24	300	90	3.0	#68 2MASS Reds	4	
0129.COMP	5	1:23	05:10:28.8	+60:50:24	300	90	3.0	#68 2MASS Reds	4	
0130.2MJ0551454p505022	360	1:23	05:51:45.4	+50:50:22	300	90	3.0	#68 2MASS Reds	4	
0131.COMP	5	1:23	05:51:45.4	+50:50:22	300	90	3.0	#68 2MASS Reds	4	
0132.2MJ0553407p503256	360	1:23	05:53:40.7	+50:32:56	300	90	3.0	#68 2MASS Reds	4	
0133.COMP	5	1:23	05:53:40.7	+50:32:56	300	90	3.0	#68 2MASS Reds	4	
0134.2MJ0553459p510208	360	1:23	05:53:45.9	+51:02:08	300	90	3.0	#68 2MASS Reds	4	
0135.2MJ0553459p510208	360	1:23	05:53:45.9	+51:02:08	300	90	3.0	#68 2MASS Reds	4	
0136.COMP	5	1:23	05:53:45.9	+51:02:08	300	90	3.0	#68 2MASS Reds	4	
0137.2MJ0852137m221942	360	1:23	08:52:13.7	-22:19:42	300	90	3.0	#68 2MASS Reds	4	
0138.COMP	5	1:23	08:52:13.7	-22:19:42	300	90	3.0	#68 2MASS Reds	4	
0139.2MJ0853396m250329	300	1:23	08:53:39.6	-25:03:29	300	90	3.0	#68 2MASS Reds	4	
0140.COMP	5	1:23	08:53:39.6	-25:03:29	300	90	3.0	#68 2MASS Reds	4	
0141.2MJ0854049m252017	360	1:23	08:54:04.9	-25:20:17	300	90	3.0	#68 2MASS Reds	4	row=42

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0142.COMP	5	1:23	08:54:04.9	-25:20:17	300	90	3.0	#68 2MASS Reds	4	
0143.2MJ0855113m245258	300	1:23	08:55:11.3	-24:52:58	300	90	3.0	#68 2MASS Reds	4	
0144.COMP	5	1:23	08:55:11.3	-24:52:58	300	90	3.0	#68 2MASS Reds	4	
0145.2MJ0857016m244023	180	1:23	08:57:01.6	-24:40:23	300	90	3.0	#68 2MASS Reds	4	
0146.COMP	5	1:23	08:57:01.6	-24:40:23	300	90	3.0	#68 2MASS Reds	4	
0147.2MJ0901501m241429	420	1:23	09:01:50.1	-24:14:29	300	90	3.0	#68 2MASS Reds	4	two gals
0148.COMP	5	1:23	09:01:50.1	-24:14:29	300	90	3.0	#68 2MASS Reds	4	
0149.2MJ0917412m233502	300	1:23	09:17:41.2	-23:35:02	300	90	3.0	#68 2MASS Reds	4	row=42
0150.COMP	5	1:23	09:17:41.2	-23:35:02	300	90	3.0	#68 2MASS Reds	4	
0151.2MJ0924239m253558	300	1:23	09:24:23.9	-25:35:58	300	90	3.0	#68 2MASS Reds	4	
0152.COMP	5	1:23	09:24:23.9	-25:35:58	300	90	3.0	#68 2MASS Reds	4	
0153.2MJ0928292m242200	300	1:23	09:28:29.2	-24:22:00	300	90	3.0	#68 2MASS Reds	4	
0154.COMP	5	1:23	09:28:29.2	-24:22:00	300	90	3.0	#68 2MASS Reds	4	
0155.2MJ0929072m272418	300	1:23	09:29:07.2	-27:24:18	300	90	3.0	#68 2MASS Reds	4	
0156.COMP	5	1:23	09:29:07.2	-27:24:18	300	90	3.0	#68 2MASS Reds	4	
0157.2MJ0944318m270625	420	1:23	09:44:31.8	-27:06:25	300	90	3.0	#68 2MASS Reds	4	
0158.2MJ0944318m270625	420	1:23	09:44:31.8	-27:06:25	300	90	3.0	#68 2MASS Reds	4	
0159.COMP	5	1:23	09:44:31.8	-27:06:25	300	90	3.0	#68 2MASS Reds	4	
0160.2MJ0933351m250809	180	1:23	09:33:35.1	-25:08:09	300	90	3.0	#68 2MASS Reds	4	
0161.COMP	5	1:23	09:33:35.1	-25:08:09	300	90	3.0	#68 2MASS Reds	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0162.2MJ1135070p201304	360	1:23	11:35:07.0	+20:13:04	300	90	3.0	#68 2MASS Reds	4	
0163.COMP	5	1:23	11:35:07.0	+20:13:04	300	90	3.0	#68 2MASS Reds	4	
0164.2MJ1136540p162316	360	1:23	11:36:54.0	+16:23:16	300	90	3.0	#68 2MASS Reds	4	
0165.COMP	5	1:23	11:36:54.0	+16:23:16	300	90	3.0	#68 2MASS Reds	4	
0166.2MJ1140093p204157	360	1:23	11:40:09.3	+20:41:57	300	90	3.0	#68 2MASS Reds	4	
0167.COMP	5	1:23	11:40:09.3	+20:41:57	300	90	3.0	#68 2MASS Reds	4	
0168.2MJ1142082p204202	360	1:23	11:42:08.2	+20:42:02	300	90	3.0	#68 2MASS Reds	4	
0169.COMP	5	1:23	11:42:08.2	+20:42:02	300	90	3.0	#68 2MASS Reds	4	
0170.2MJ1151015p214744	360	1:23	11:51:01.5	+21:47:44	300	90	3.0	#68 2MASS Reds	4	
0171.COMP	5	1:23	11:51:01.5	+21:47:44	300	90	3.0	#68 2MASS Reds	4	
0172.2MJ1153019p204109	300	1:23	11:53:01.9	+20:41:09	300	90	3.0	#68 2MASS Reds	4	
0173.COMP	5	1:23	11:53:01.9	+20:41:09	300	90	3.0	#68 2MASS Reds	4	
0174.2MJ1154351p235250	300	1:23	11:54:35.1	+23:52:50	300	90	3.0	#68 2MASS Reds	4	
0175.COMP	5	1:23	11:54:35.1	+23:52:50	300	90	3.0	#68 2MASS Reds	4	
0176.2MJ1207584p224744	300	1:23	12:07:58.4	+22:47:44	300	90	3.0	#68 2MASS Reds	4	
0177.COMP	5	1:23	12:07:58.4	+22:47:44	300	90	3.0	#68 2MASS Reds	4	
0178.2MJ1224156p201721	300	1:23	12:24:15.6	+20:17:21	300	90	3.0	#68 2MASS Reds	4	
0179.COMP	5	1:23	12:24:15.6	+20:17:21	300	90	3.0	#68 2MASS Reds	4	
0180.2MJ1308439p134824	360	1:23	13:08:43.9	+13:48:24	300	90	3.0	#68 2MASS Reds	4	
0181.COMP	5	1:23	13:08:43.9	+13:48:24	300	90	3.0	#68 2MASS Reds	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0182.2MJ1312097p111409	360	1:23	13:12:09.7	+11:14:09	300	90	3.0	#68 2MASS Reds	4	
0183.COMP	5	1:23	13:12:09.7	+11:14:09	300	90	3.0	#68 2MASS Reds	4	
0184.2MJ1313403p124121	300	1:23	13:13:40.3	+12:41:21	300	90	3.0	#68 2MASS Reds	4	
0185.COMP	5	1:23	13:13:40.3	+12:41:21	300	90	3.0	#68 2MASS Reds	4	
0186.2MJ1313410p132108	360	1:23	13:13:41.0	+13:21:08	300	90	3.0	#68 2MASS Reds	4	
0187.COMP	5	1:23	13:13:41.0	+13:21:08	300	90	3.0	#68 2MASS Reds	4	
0188.2MJ1315481p100011	360	1:23	13:15:48.1	+10:00:11	300	90	3.0	#68 2MASS Reds	4	
0189.COMP	5	1:23	13:15:48.1	+10:00:11	300	90	3.0	#68 2MASS Reds	4	
0190.2MJ1317569p224525	360	1:23	13:17:56.9	+22:45:25	300	90	3.0	#68 2MASS Reds	4	
0191.COMP	5	1:23	13:17:56.9	+22:45:25	300	90	3.0	#68 2MASS Reds	4	
0192.2MJ1322209p214721	360	1:23	13:22:20.9	+21:47:21	300	90	3.0	#68 2MASS Reds	4	
0193.COMP	5	1:23	13:22:20.9	+21:47:21	300	90	3.0	#68 2MASS Reds	4	
0194.2MJ1318462p204452	360	1:23	13:18:46.2	+20:44:52	300	90	3.0	#68 2MASS Reds	4	
0195.COMP	5	1:23	13:18:46.2	+20:44:52	300	90	3.0	#68 2MASS Reds	4	
0196.2MJ1315299p095101	360	1:23	13:15:29.9	+09:51:01	300	90	3.0	#68 2MASS Reds	4	
0197.COMP	5	1:23	13:15:29.9	+09:51:01	300	90	3.0	#68 2MASS Reds	4	
0198.2MJ1315044p082912	360	1:23	13:15:04.4	+08:29:12	300	90	3.0	#68 2MASS Reds	4	
0199.COMP	5	1:23	13:15:04.4	+08:29:12	300	90	3.0	#68 2MASS Reds	4	
0200.2MJ1311185p100453	360	1:23	13:11:18.5	+10:04:53	300	90	3.0	#68 2MASS Reds	4	
0201.COMP	5	1:23	13:11:18.5	+10:04:53	300	90	3.0	#68 2MASS Reds	4	

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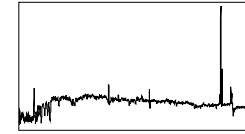
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0202.2MJ1153445p230732	360	1:23	11:53:44.5	+23:07:32	300	90	3.0	#68 2MASS Reds	4	
0203.COMP	5	1:23	11:53:44.5	+23:07:32	300	90	3.0	#68 2MASS Reds	4	
0204.2MJ1204399p201341	360	1:23	12:04:39.9	+20:13:41	300	90	3.0	#68 2MASS Reds	4	
0205.COMP	5	1:23	12:04:39.9	+20:13:41	300	90	3.0	#68 2MASS Reds	4	
0206.2MJ1533095m015157	300	1:23	15:33:09.5	-01:51:57	300	90	3.0	#68 2MASS Reds	4	
0207.COMP	5	1:23	15:33:09.5	-01:51:57	300	90	3.0	#68 2MASS Reds	4	
0208.2MJ1547465p043207	300	1:23	15:47:46.5	+04:32:07	300	90	3.0	#68 2MASS Reds	4	
0209.COMP	5	1:23	15:47:46.5	+04:32:07	300	90	3.0	#68 2MASS Reds	4	
0210.2MJ1548190p090700	300	1:23	15:48:19.0	+09:07:00	300	90	3.0	#68 2MASS Reds	4	
0211.COMP	5	1:23	15:48:19.0	+09:07:00	300	90	3.0	#68 2MASS Reds	4	
0212.2MJ1548228p104907	300	1:23	15:48:22.8	+10:49:07	300	90	3.0	#68 2MASS Reds	4	
0213.COMP	5	1:23	15:48:22.8	+10:49:07	300	90	3.0	#68 2MASS Reds	4	
0214.2MJ1551004p124806	300	1:23	15:51:00.4	+12:48:06	300	90	3.0	#68 2MASS Reds	4	
0215.COMP	5	1:23	15:51:00.4	+12:48:06	300	90	3.0	#68 2MASS Reds	4	
0216.2MJ1557520p041544	300	1:23	15:57:52.0	+04:15:44	300	90	3.0	#68 2MASS Reds	4	
0217.COMP	5	1:23	15:57:52.0	+04:15:44	300	90	3.0	#68 2MASS Reds	4	
0218.2MJ1608065p252906	360	1:23	16:08:06.5	+25:29:06	300	90	3.0	#68 2MASS Reds	4	two gals
0219.COMP	5	1:23	16:08:06.5	+25:29:06	300	90	3.0	#68 2MASS Reds	4	
0220.2MJ1609518p254110	300	1:23	16:09:51.8	+25:41:10	300	90	3.0	#68 2MASS Reds	4	
0221.COMP	5	1:23	16:09:51.8	+25:41:10	300	90	3.0	#68 2MASS Reds	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0222.2MJ1531308m050939	300	1:23	15:31:30.8	-05:09:39	300	90	3.0	#68 2MASS Reds	4	
0223.COMP	5	1:23	15:31:30.8	-05:09:39	300	90	3.0	#68 2MASS Reds	4	
0224.2MJ1537127m051956	300	1:23	15:37:12.7	-05:19:56	300	90	3.0	#68 2MASS Reds	4	
0225.COMP	5	1:23	15:37:12.7	-05:19:56	300	90	3.0	#68 2MASS Reds	4	
0226.2MJ1541048m050925	300	1:23	15:41:04.8	-05:09:25	300	90	3.0	#68 2MASS Reds	4	
0227.COMP	5	1:23	15:41:04.8	-05:09:25	300	90	3.0	#68 2MASS Reds	4	
0228.2MJ1541383m040258	300	1:23	15:41:38.3	-04:02:58	300	90	3.0	#68 2MASS Reds	4	
0229.COMP	5	1:23	15:41:38.3	-04:02:58	300	90	3.0	#68 2MASS Reds	4	
0230.2MJ1546530m033328	300	1:23	15:46:53.0	-03:33:28	300	90	3.0	#68 2MASS Reds	4	
0231.COMP	5	1:23	15:46:53.0	-03:33:28	300	90	3.0	#68 2MASS Reds	4	
0232.N4486B	240	1:23	12:28:00.6	12:46:00	300	90	3.0	#57 Radial Vel	4	
0233.COMP	5	1:23	12:28:00.6	12:46:00	300	90	3.0	#57 Radial Vel	4	
0234-0243.BIAS	0	13:17	12:28:00.6	12:46:00	300	90	3.0	#57 Radial Vel	4	
0244-0248.DARK	900	14:19	12:28:00.6	12:46:00	300	90	3.0	#57 Radial Vel	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.DARK	900	0:01	02:08:11.0	31:29:50	300	90	3.0	#57 Radial Vel	2	binby2
0002.DARK	900	0:01	02:23:26.0	31:29:51	300	90	3.0	#57 Radial Vel	2	
0003.DARK	900	0:01	02:38:42.0	31:29:53	300	90	3.0	#57 Radial Vel	2	
0004.DARK	900	0:01	02:53:58.0	31:29:54	300	90	3.0	#57 Radial Vel	2	
0005.DARK	900	0:01	1:00:00	00:00:00	300	90	3.0	#57 Radial Vel	2	
0006.SKY	2	0:01	1:00:00	00:00:00	300	90	3.0	#57 Radial Vel	4	binby4
0007-0010.SKY	2	1:19	1:00:00	00:00:00	300	90	3.0	#57 Radial Vel	4	
0011.COMP	5	1:19	1:00:00	00:00:00	300	90	3.0	#57 Radial Vel	4	
0012.MRK335	120	1:19	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	2	binby2
0013.MRK335	120	1:19	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	2	
0014.COMP	5	1:19	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	2	
0015.sn2002ap	240	1:19	01:36:23.8	+15:45:13	300	90	3.0	#2 SN Observat	2	
0016.sn2002ap	240	1:19	01:36:23.8	+15:45:13	300	90	3.0	#2 SN Observat	2	
0017.COMP	5	1:19	01:36:23.8	+15:45:13	300	90	3.0	#2 SN Observat	2	
0018.sn2002as	600	1:19	06:12:25.0	+44:26:16	300	90	3.0	#2 SN Observat	2	sn=80, gal=90
0019.sn2002as	600	1:19	06:12:25.0	+44:26:16	300	90	3.0	#2 SN Observat	2	
0020.COMP	5	1:19	06:12:25.0	+44:26:16	300	90	3.0	#2 SN Observat	2	
0021.HIP26633	3	1:19	05:39:37.9	+00:50:01	300	90	3.0	#89 Ae/Be Star	4	binby4
0022.HIP26633	3	1:19	05:39:37.9	+00:50:01	300	90	3.0	#89 Ae/Be Star	4	
0023.HIP26633	3	1:19	05:39:37.9	+00:50:01	300	90	3.0	#89 Ae/Be Star	4	

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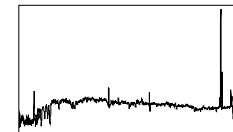
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0024.COMP	5	1:19	05:39:37.9	+00:50:01	300	90	3.0	#89 Ae/Be Star	4	
0025.HIP26637	15	1:19	05:39:43.2	+00:54:26	300	90	3.0	#89 Ae/Be Star	4	
0026.HIP26637	15	1:19	05:39:43.2	+00:54:26	300	90	3.0	#89 Ae/Be Star	4	
0027.HIP26637	15	1:19	05:39:43.2	+00:54:26	300	90	3.0	#89 Ae/Be Star	4	
0028.COMP	5	1:19	05:39:43.2	+00:54:26	300	90	3.0	#89 Ae/Be Star	4	
0029.HIP26668	3	1:19	05:40:03.9	-01:25:31	300	90	3.0	#89 Ae/Be Star	4	
0030.HIP26668	3	1:19	05:40:03.9	-01:25:31	300	90	3.0	#89 Ae/Be Star	4	
0031.HIP26668	3	1:19	05:40:03.9	-01:25:31	300	90	3.0	#89 Ae/Be Star	4	
0032.COMP	5	1:19	05:40:03.9	-01:25:31	300	90	3.0	#89 Ae/Be Star	4	
0033.HIP26683	9	1:19	05:40:13.5	-01:27:45	300	90	3.0	#89 Ae/Be Star	4	
0034.HIP26683	9	1:19	05:40:13.5	-01:27:45	300	90	3.0	#89 Ae/Be Star	4	
0035.HIP26683	9	1:19	05:40:13.5	-01:27:45	300	90	3.0	#89 Ae/Be Star	4	
0036.COMP	5	1:19	05:40:13.5	-01:27:45	300	90	3.0	#89 Ae/Be Star	4	
0037.HIP26686	45	1:19	05:40:17.0	-00:44:37	300	90	3.0	#89 Ae/Be Star	4	
0038.HIP26686	45	1:19	05:40:17.0	-00:44:37	300	90	3.0	#89 Ae/Be Star	4	
0039.HIP26686	45	1:19	05:40:17.0	-00:44:37	300	90	3.0	#89 Ae/Be Star	4	
0040.COMP	5	1:19	05:40:17.0	-00:44:37	300	90	3.0	#89 Ae/Be Star	4	
0041.HIP26687	20	1:19	05:40:17.0	+00:58:20	300	90	3.0	#89 Ae/Be Star	4	
0042.HIP26687	20	1:19	05:40:17.0	+00:58:20	300	90	3.0	#89 Ae/Be Star	4	
0043.HIP26687	20	1:19	05:40:17.0	+00:58:20	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
0044.COMP	5	1:19	05:40:17.0	+00:58:20	300	90	3.0	#89 Ae/Be Star	4	
0045.HIP26778	20	1:19	05:41:20.0	-01:19:35	300	90	3.0	#89 Ae/Be Star	4	
0046.HIP26778	20	1:19	05:41:20.0	-01:19:35	300	90	3.0	#89 Ae/Be Star	4	
0047.HIP26778	20	1:19	05:41:20.0	-01:19:35	300	90	3.0	#89 Ae/Be Star	4	
0048.COMP	5	1:19	05:41:20.0	-01:19:35	300	90	3.0	#89 Ae/Be Star	4	
0049.HIP26937	12	1:19	05:42:59.5	+01:29:29	300	90	3.0	#89 Ae/Be Star	4	
0050.HIP26937	12	1:19	05:42:59.5	+01:29:29	300	90	3.0	#89 Ae/Be Star	4	
0051.HIP26937	12	1:19	05:42:59.5	+01:29:29	300	90	3.0	#89 Ae/Be Star	4	
0052.COMP	5	1:19	05:42:59.5	+01:29:29	300	90	3.0	#89 Ae/Be Star	4	
0053.HIP27007	20	1:19	05:43:43.8	-00:56:19	300	90	3.0	#89 Ae/Be Star	4	
0054.HIP27007	20	1:19	05:43:43.8	-00:56:19	300	90	3.0	#89 Ae/Be Star	4	
0055.HIP27007	20	1:19	05:43:43.8	-00:56:19	300	90	3.0	#89 Ae/Be Star	4	
0056.COMP	5	1:19	05:43:43.8	-00:56:19	300	90	3.0	#89 Ae/Be Star	4	
0057.HIP27013	20	1:19	05:43:48.0	+01:03:13	300	90	3.0	#89 Ae/Be Star	4	
0058.HIP27013	20	1:19	05:43:48.0	+01:03:13	300	90	3.0	#89 Ae/Be Star	4	
0059.HIP27013	20	1:19	05:43:48.0	+01:03:13	300	90	3.0	#89 Ae/Be Star	4	
0060.COMP	5	1:19	05:43:48.0	+01:03:13	300	90	3.0	#89 Ae/Be Star	4	
0061.HIP27053	15	1:19	05:44:12.4	+00:57:30	300	90	3.0	#89 Ae/Be Star	4	
0062.HIP27053	15	1:19	05:44:12.4	+00:57:30	300	90	3.0	#89 Ae/Be Star	4	
0063.HIP27053	15	1:19	05:44:12.4	+00:57:30	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
0064.COMP	5	1:19	05:44:12.4	+00:57:30	300	90	3.0	#89 Ae/Be Star	4	
0065.HIP27059	25	1:19	05:44:18.8	+00:08:40	300	90	3.0	#89 Ae/Be Star	4	
0066.HIP27059	25	1:19	05:44:18.8	+00:08:40	300	90	3.0	#89 Ae/Be Star	4	
0067.HIP27059	25	1:19	05:44:18.8	+00:08:40	300	90	3.0	#89 Ae/Be Star	4	
0068.COMP	5	1:19	05:44:18.8	+00:08:40	300	90	3.0	#89 Ae/Be Star	4	
0069.HIP27065	20	1:19	05:44:23.8	+00:05:07	300	90	3.0	#89 Ae/Be Star	4	
0070.HIP27065	20	1:19	05:44:23.8	+00:05:07	300	90	3.0	#89 Ae/Be Star	4	
0071.HIP27065	20	1:19	05:44:23.8	+00:05:07	300	90	3.0	#89 Ae/Be Star	4	
0072.COMP	5	1:19	05:44:23.8	+00:05:07	300	90	3.0	#89 Ae/Be Star	4	
0073.HIP27101	15	1:19	05:44:48.6	-00:03:43	300	90	3.0	#89 Ae/Be Star	4	
0074.HIP27101	15	1:19	05:44:48.6	-00:03:43	300	90	3.0	#89 Ae/Be Star	4	
0075.HIP27101	15	1:19	05:44:48.6	-00:03:43	300	90	3.0	#89 Ae/Be Star	4	
0076.COMP	5	1:19	05:44:48.6	-00:03:43	300	90	3.0	#89 Ae/Be Star	4	
0077.HIP27226	25	1:19	05:46:12.4	-01:31:24	300	90	3.0	#89 Ae/Be Star	4	
0078.HIP27226	25	1:19	05:46:12.4	-01:31:24	300	90	3.0	#89 Ae/Be Star	4	
0079.HIP27226	25	1:19	05:46:12.4	-01:31:24	300	90	3.0	#89 Ae/Be Star	4	
0080.COMP	5	1:19	05:46:12.4	-01:31:24	300	90	3.0	#89 Ae/Be Star	4	
0081.HIP27452	3	1:19	05:48:45.9	+00:43:31	300	90	3.0	#89 Ae/Be Star	4	
0082.HIP27452	3	1:19	05:48:45.9	+00:43:31	300	90	3.0	#89 Ae/Be Star	4	
0083.HIP27452	3	1:19	05:48:45.9	+00:43:31	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
0084.COMP	5	1:19	05:48:45.9	+00:43:31	300	90	3.0	#89 Ae/Be Star	4	
0085.HIP27487	30	1:19	05:49:13.1	+01:27:29	300	90	3.0	#89 Ae/Be Star	4	
0086.HIP27487	30	1:19	05:49:13.1	+01:27:29	300	90	3.0	#89 Ae/Be Star	4	
0087.HIP27487	30	1:19	05:49:13.1	+01:27:29	300	90	3.0	#89 Ae/Be Star	4	
0088.COMP	5	1:19	05:49:13.1	+01:27:29	300	90	3.0	#89 Ae/Be Star	4	
0089.HIP27510	3	1:19	05:49:32.6	-00:40:54	300	90	3.0	#89 Ae/Be Star	4	
0090.HIP27510	3	1:19	05:49:32.6	-00:40:54	300	90	3.0	#89 Ae/Be Star	4	
0091.HIP27510	3	1:19	05:49:32.6	-00:40:54	300	90	3.0	#89 Ae/Be Star	4	
0092.COMP	5	1:19	05:49:32.6	-00:40:54	300	90	3.0	#89 Ae/Be Star	4	
0093.HIP27536	30	1:19	05:49:53.6	-00:11:01	300	90	3.0	#89 Ae/Be Star	4	
0094.HIP27536	30	1:19	05:49:53.6	-00:11:01	300	90	3.0	#89 Ae/Be Star	4	
0095.HIP27536	30	1:19	05:49:53.6	-00:11:01	300	90	3.0	#89 Ae/Be Star	4	
0096.COMP	5	1:19	05:49:53.6	-00:11:01	300	90	3.0	#89 Ae/Be Star	4	
0097.HIP27574	20	1:19	05:50:24.1	+01:46:42	300	90	3.0	#89 Ae/Be Star	4	
0098.HIP27574	20	1:19	05:50:24.1	+01:46:42	300	90	3.0	#89 Ae/Be Star	4	
0099.HIP27574	20	1:19	05:50:24.1	+01:46:42	300	90	3.0	#89 Ae/Be Star	4	
0100.COMP	5	1:19	05:50:24.1	+01:46:42	300	90	3.0	#89 Ae/Be Star	4	
0101.HIP27602	9	1:19	05:50:38.3	+01:41:58	300	90	3.0	#89 Ae/Be Star	4	
0102.HIP27602	9	1:19	05:50:38.3	+01:41:58	300	90	3.0	#89 Ae/Be Star	4	
0103.HIP27602	9	1:19	05:50:38.3	+01:41:58	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
0104.COMP	5	1:19	05:50:38.3	+01:41:58	300	90	3.0	#89 Ae/Be Star	4	
0105.HD37061	10	1:19	05:35:31.3	-05:16:02	300	90	3.0	#68 2MASS Reds	4	
0106.HD37303	3	1:19	5:37:27.3	-05:56:18	300	90	3.0	#68 2MASS Reds	4	
0107.HD37061	3	1:19	5:35:31.3	-05:16:02	300	90	3.0	#68 2MASS Reds	4	
0108.COMP	5	1:19	5:35:31.3	-05:16:02	300	90	3.0	#68 2MASS Reds	4	
0109.HD44113	15	1:19	6:19:36.5	-11:03:08	300	90	3.0	#68 2MASS Reds	4	
0110.HD44179	5	1:19	06:19:58.2	-10:38:14	300	90	3.0	#68 2MASS Reds	4	
0111.HD44289	5	1:19	06:20:37.5	-10:05:00	300	90	3.0	#68 2MASS Reds	4	
0112.HD44179neb1	60	1:19	6:19:58.0	-10:38:09	300	90	3.0	#68 2MASS Reds	4	
0113.COMP	5	1:19	6:19:58.0	-10:38:09	300	90	3.0	#68 2MASS Reds	4	
0114.BGGem	300	1:19	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	binby2
0115.COMP	5	1:19	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0116.MRK110	360	1:19	09:25:12.9	+52:17:10	300	90	3.0	#6 AGN Monitor	2	binby2
0117.COMP	12	1:19	09:25:12.9	+52:17:10	300	90	3.0	#6 AGN Monitor	2	
0118.Akn120	180	1:19	05:13:38.0	-00:12:15	300	90	3.0	#6 AGN Monitor	2	
0119.COMP	12	1:19	05:13:38.0	-00:12:15	300	90	3.0	#6 AGN Monitor	2	
0120.N3227	90	1:19	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0121.N3227	90	1:19	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0122.N3227	90	1:19	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0123.COMP	12	1:19	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0124.Feige34	90	1:19	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0125.COMP	12	1:19	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0126.BIAS	0	1:19	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	binby2
0127-0135.BIAS	0	6:10	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0136-0145.FLAT	12	6:15	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0146.BIAS	0	6:15	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	4	binby4
0147-0155.BIAS	0	6:17	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	4	
0156-0165.FLAT	5	6:20	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	4	
0166.Feige34B	90	6:20	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	tiltpos=585,binby2
0167.COMP	12	6:20	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0168.FLATB	12	6:20	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	for Feige34B
0169.FLATB	12	6:20	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0170.FLATB	12	6:20	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0171.FLATB	12	6:20	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0172.FLATB	12	6:20	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0173.FLATB	12	6:20	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0174.FLATB	12	6:20	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0175.FLATB	12	6:20	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0176.FLATB	12	6:20	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0177.FLATB	12	6:20	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	Bin	Comments
0178.FLAT	12	6:20	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	tiltpos=610,binby2
0179-0187.FLAT	12	6:40	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0188.FLAT	5	6:40	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	4	binby4
0189-0197.FLAT	5	6:43	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	4	
0198.MRK421	300	6:43	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0199.MRK421	300	6:43	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0200.MRK421	300	6:43	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0201.COMP	12	6:43	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0202.N4051	180	6:43	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0203.N4051	180	6:43	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0204.N4051	180	6:43	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0205.COMP	12	6:43	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0206.N4151	60	6:43	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0207.N4151	60	6:43	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0208.N4151	60	6:43	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0209.COMP	12	6:43	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0210.2MJ1154494p221102	420	6:43	11:54:49.4	+22:11:02	300	90	3.0	#68 2MASS Reds	4	
0211.2MJ1154494p221102	420	6:43	11:54:49.4	+22:11:02	300	90	3.0	#68 2MASS Reds	4	
0212.COMP	5	6:43	11:54:49.4	+22:11:02	300	90	3.0	#68 2MASS Reds	4	
0213.2MJ1152506p195102	420	6:43	11:52:50.6	+19:51:02	300	90	3.0	#68 2MASS Reds	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0214.2MJ1152506p195102	420	6:43	11:52:50.6	+19:51:02	300	90	3.0	#68 2MASS Reds	4	
0215.COMP	5	6:43	11:52:50.6	+19:51:02	300	90	3.0	#68 2MASS Reds	4	
0216.2MJ1214182p142344	420	6:43	12:14:18.2	+14:23:44	300	90	3.0	#68 2MASS Reds	4	
0217.2MJ1214182p142344	420	6:43	12:14:18.2	+14:23:44	300	90	3.0	#68 2MASS Reds	4	
0218.COMP	5	6:43	12:14:18.2	+14:23:44	300	90	3.0	#68 2MASS Reds	4	
0219.2MJ1216121p235031	420	6:43	12:16:12.1	+23:50:31	300	90	3.0	#68 2MASS Reds	4	
0220.2MJ1216121p235031	420	6:43	12:16:12.1	+23:50:31	300	90	3.0	#68 2MASS Reds	4	
0221.COMP	5	6:43	12:16:12.1	+23:50:31	300	90	3.0	#68 2MASS Reds	4	
0222.2MJ1139590p200934	420	6:43	11:39:59.0	+20:09:34	300	90	3.0	#68 2MASS Reds	4	
0223.2MJ1139590p200934	420	6:43	11:39:59.0	+20:09:34	300	90	3.0	#68 2MASS Reds	4	
0224.COMP	5	6:43	11:39:59.0	+20:09:34	300	90	3.0	#68 2MASS Reds	4	
0225.2MJ1220321p210301	420	6:43	12:20:32.1	+21:03:01	300	90	3.0	#68 2MASS Reds	4	
0226.2MJ1220321p210301	420	6:43	12:20:32.1	+21:03:01	300	90	3.0	#68 2MASS Reds	4	
0227.COMP	5	6:43	12:20:32.1	+21:03:01	300	90	3.0	#68 2MASS Reds	4	
0228.2MJ1233358p224802	420	6:43	12:33:35.8	+22:48:02	300	90	3.0	#68 2MASS Reds	4	
0229.2MJ1233358p224802	420	6:43	12:33:35.8	+22:48:02	300	90	3.0	#68 2MASS Reds	4	
0230.COMP	5	6:43	12:33:35.8	+22:48:02	300	90	3.0	#68 2MASS Reds	4	
0231.2MJ1302544p233924	420	6:43	13:02:54.4	+23:39:24	300	90	3.0	#68 2MASS Reds	4	
0232.COMP	5	6:43	13:02:54.4	+23:39:24	300	90	3.0	#68 2MASS Reds	4	
0233.2MJ1313313p055455	420	6:43	13:13:31.3	+05:54:55	300	90	3.0	#68 2MASS Reds	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0234.2MJ1313313p055455	420	6:43	13:13:31.3	+05:54:55	300	90	3.0	#68 2MASS Reds	4	
0235.COMP	5	6:43	13:13:31.3	+05:54:55	300	90	3.0	#68 2MASS Reds	4	
0236.2MJ1319343p102716	420	6:43	13:19:34.3	+10:27:16	300	90	3.0	#68 2MASS Reds	4	
0237.2MJ1319343p102716	420	6:43	13:19:34.3	+10:27:16	300	90	3.0	#68 2MASS Reds	4	
0238.COMP	5	6:43	13:19:34.3	+10:27:16	300	90	3.0	#68 2MASS Reds	4	
0239.N5548	360	6:43	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	binby2
0240.N5548	360	6:43	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0241.N5548	360	6:43	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0242.COMP	12	6:43	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0243.2MJ1535583m093627	360	6:43	15:35:58.3	-09:36:27	300	90	3.0	#68 2MASS Reds	2	
0244.COMP	12	6:43	15:35:58.3	-09:36:27	300	90	3.0	#68 2MASS Reds	2	
0245.2MJ1551044m072633	360	6:43	15:51:04.4	-07:26:33	300	90	3.0	#68 2MASS Reds	4	
0246.COMP	5	6:43	15:51:04.4	-07:26:33	300	90	3.0	#68 2MASS Reds	4	
0247.2MJ1550497m073957	360	6:43	15:50:49.7	-07:39:57	300	90	3.0	#68 2MASS Reds	4	binby4
0248.COMP	5	6:43	15:50:49.7	-07:39:57	300	90	3.0	#68 2MASS Reds	4	
0249.2MJ1553584m075508	360	6:43	15:53:58.4	-07:55:08	300	90	3.0	#68 2MASS Reds	4	
0250.2MJ1553584m075508	360	6:43	15:53:58.4	-07:55:08	300	90	3.0	#68 2MASS Reds	4	
0251.COMP	5	6:43	15:53:58.4	-07:55:08	300	90	3.0	#68 2MASS Reds	4	
0252.2MJ1554043m095336	360	6:43	15:54:04.3	-09:53:36	300	90	3.0	#68 2MASS Reds	4	
0253.2MJ1554043m095336	360	6:43	15:54:04.3	-09:53:36	300	90	3.0	#68 2MASS Reds	4	

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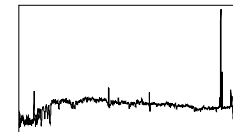
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0254.COMP	5	6:43	15:54:04.3	-09:53:36	300	90	3.0	#68 2MASS Reds	4	
0255.2MJ1554354m063431	360	6:43	15:54:35.4	-06:34:31	300	90	3.0	#68 2MASS Reds	4	
0256.COMP	5	6:43	15:54:35.4	-06:34:31	300	90	3.0	#68 2MASS Reds	4	
0257.2MJ1556074m083245	360	6:43	15:56:07.4	-08:32:45	300	90	3.0	#68 2MASS Reds	4	
0258.COMP	5	6:43	15:56:07.4	-08:32:45	300	90	3.0	#68 2MASS Reds	4	
0259.2MJ1604446m014528	360	6:43	16:04:44.6	-01:45:28	300	90	3.0	#68 2MASS Reds	4	
0260.2MJ1604446m014528	360	6:43	16:04:44.6	-01:45:28	300	90	3.0	#68 2MASS Reds	4	
0261.COMP	5	6:43	16:04:44.6	-01:45:28	300	90	3.0	#68 2MASS Reds	4	
0262.2MJ1604594m014451	360	6:43	16:04:59.4	-01:44:51	300	90	3.0	#68 2MASS Reds	4	
0263.COMP	5	6:43	16:04:59.4	-01:44:51	300	90	3.0	#68 2MASS Reds	4	
0264-0268.DARK	900	14:18	16:04:59.4	-01:44:51	300	90	3.0	#68 2MASS Reds	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.DARK	900	1:17	03:28:24.0	31:29:58	300	90	3.0	#68 2MASS Reds	4	
0002.DARK	900	1:17	03:43:35.0	31:30:00	300	90	3.0	#68 2MASS Reds	4	
0003-0012.BIAS	0	1:49	03:45:02.0	31:30:00	300	90	3.0	#68 2MASS Reds	4	
0013-0018.FLAT	6	1:50	03:46:42.0	31:30:00	300	90	3.0	#68 2MASS Reds	4	
0019-0022.FLAT	6	1:51	03:47:38.0	31:30:01	300	90	3.0	#68 2MASS Reds	4	
0023-0032.BIAS	0	1:54	03:50:10.0	31:30:01	300	90	3.0	#68 2MASS Reds	2	
0033-0040.FLAT	12	1:57	03:53:43.0	31:30:01	300	90	3.0	#68 2MASS Reds	2	
0041-0042.FLAT	12	1:58	03:54:35.0	31:30:02	300	90	3.0	#68 2MASS Reds	2	
0043.Feige25	120	1:58	02:36:00	05:15:16	300	90	3.0	#56 Spectropho	4	
0044.Feige25	120	1:58	02:36:00	05:15:16	300	90	3.0	#56 Spectropho	4	
0045.COMP	5	1:58	02:36:00	05:15:16	300	90	3.0	#56 Spectropho	4	
0046.Feige25	120	1:58	02:36:00	05:15:16	300	90	3.0	#56 Spectropho	2	
0047.Feige25	120	1:58	02:36:00	05:15:16	300	90	3.0	#56 Spectropho	2	
0048.COMP	12	1:58	02:36:00	05:15:16	300	90	3.0	#56 Spectropho	2	
0049.Feige25	120	1:58	02:36:00	05:15:16	300	39	3.0	#56 Spectropho	2	
0050.Feige25	120	1:58	02:36:00	05:15:16	300	39	3.0	#56 Spectropho	2	
0051.COMP	12	1:58	02:36:00	05:15:16	300	39	3.0	#56 Spectropho	2	
0052.sn2002ap	240	1:58	01:36:23.8	+15:45:13	300	60	3.0	#2 SN Observat	2	
0053.sn2002ap	240	1:58	01:36:23.8	+15:45:13	300	60	3.0	#2 SN Observat	2	
0054.COMP	12	1:58	01:36:23.8	+15:45:13	300	60	3.0	#2 SN Observat	2	

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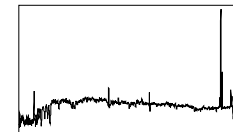
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0055.sn2002aq	1200	1:58	02:41:57.4	-06:47:46	300	34	3.0	#2 SN Observat	2	bad exposure
0056.COMP	12	1:58	02:41:57.4	-06:47:46	300	34	3.0	#2 SN Observat	2	
0057.BGGem	300	1:58	6:03:31	27:41:50	300	34	3.0	#100 BGGem	2	terrible seeing
0058.COMP	12	1:58	6:03:31	27:41:50	300	34	3.0	#100 BGGem	2	
0059.BGGem	1200	1:58	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0060.COMP	12	1:58	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0061.Akn120	240	1:58	05:13:38.0	-00:12:15	300	90	3.0	#6 AGN Monitor	2	
0062.Akn120	240	1:58	05:13:38.0	-00:12:15	300	90	3.0	#6 AGN Monitor	2	
0063.COMP	12	1:58	05:13:38.0	-00:12:15	300	90	3.0	#6 AGN Monitor	2	
0064.FLAT	45	1:58	8:51:26.1	11:53:51	600	90	2.0	#10 M67 stars	2	600L 2arcsec tilt=430
0065-0073.FLAT	45	4:30	8:51:26.1	11:53:51	600	90	2.0	#10 M67 stars	2	
0074.Hiltner600	120	4:30	06:42:37.2	02:11:25	600	-6	2.0	#56 Spectropho	2	
0075.Hiltner600	120	4:30	06:42:37.2	02:11:25	600	-6	2.0	#56 Spectropho	2	
0076.COMP	40	4:30	06:42:37.2	02:11:25	600	-6	2.0	#56 Spectropho	2	
0077.m67_6494	240	4:30	8:51:26.1	11:53:51	600	-51	2.0	#10 M67 stars	2	Pauline measures 8arcsec seeing in U band!
0078.COMP	40	4:30	8:51:26.1	11:53:51	600	-51	2.0	#10 M67 stars	2	40mph gust, close for a while
0079.m67_5763	900	4:30	8:51:24.1	11:47:09	600	-51	2.0	#10 M67 stars	2	abort 2nd exp for wind
0080.COMP	40	4:30	8:51:24.1	11:47:09	600	-51	2.0	#10 M67 stars	2	wait out wind
0081.BIAS	0	4:30	8:51:24.1	11:47:09	300	90	3.0	#10 M67 stars	2	normal setup
0082-0090.BIAS	0	12:25	8:51:24.1	11:47:09	300	90	3.0	#10 M67 stars	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>
0091-0100.FLAT	12	12:30	8:51:24.1	11:47:09	300	90	3.0	#10 M67 stars	2	
0101-0110.BIAS	0	12:32	8:51:24.1	11:47:09	300	90	3.0	#10 M67 stars	4	
0111-0120.FLAT	6	12:35	8:51:24.1	11:47:09	300	90	3.0	#10 M67 stars	4	
0121-0130.DARK	900	15:05	8:51:24.1	11:47:09	300	90	3.0	#10 M67 stars	2	

UT Date 2002-02-11 Observers M CalkinsColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	1:40	8:51:24.1	11:47:09	300	90	3.0	#10 M67 stars	4	
0011-0020.BIAS	0	2:03	8:51:24.1	11:47:09	300	90	3.0	#10 M67 stars	4	
0021-0030.FLAT	6	2:06	8:51:24.1	11:47:09	300	90	3.0	#10 M67 stars	4	
0031.BIAS	0	2:06	8:51:24.1	11:47:09	300	90	3.0	#10 M67 stars	2	windy
0032-0040.BIAS	0	2:11	8:51:24.1	11:47:09	300	90	3.0	#10 M67 stars	2	
0041.FLAT	12	2:11	8:51:24.1	11:47:09	300	90	3.0	#10 M67 stars	2	gusts to 170mph!
0042-0050.FLAT	12	2:15	8:51:24.1	11:47:09	300	90	3.0	#10 M67 stars	2	
0051.Feige34	120	2:15	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0052.COMP	12	2:15	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0053.Feige34	120	2:15	10:36:41.2	43:21:50	300	87	3.0	#56 Spectropho	2	
0054.COMP	12	2:15	10:36:41.2	43:21:50	300	87	3.0	#56 Spectropho	2	
0055.sn2002ar	1200	2:15	11:37:43.9	+22:00:34	300	65	3.0	#2 SN Observat	2	
0056.COMP	12	2:15	11:37:43.9	+22:00:34	300	65	3.0	#2 SN Observat	2	
0057.MRK421	360	2:15	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421	2	
0058.MRK421	360	2:15	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421	2	
0059.MRK421	360	2:15	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421	2	
0060.COMP	12	2:15	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421	2	
0061-0070.BIAS	0	13:00	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421	4	
0071-0080.FLAT	6	13:03	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421	4	
0081-0090.BIAS	0	13:05	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421	2	

UT Date 2002-02-11 Observers M CalkinsColl. Focus 1000 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>Bin</i>	<i>Comments</i>
0091-0100.FLAT	12	13:09	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421	2	
0101-0110.DARK	900	15:27	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421	2	

UT Date 2002-02-12 Observers M CalkinsColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.DARK	900	0:18	02:36:34.0	31:29:53	300	90	3.0	#56 Spectropho	4	
0002.DARK	900	0:18	02:51:41.0	31:29:54	300	90	3.0	#56 Spectropho	4	
0003.DARK	900	0:18	03:06:52.0	31:29:56	300	90	3.0	#56 Spectropho	4	
0004.DARK	900	0:18	03:21:59.0	31:29:57	300	90	3.0	#56 Spectropho	4	
0005.DARK	900	0:18	03:37:10.0	31:29:59	300	90	3.0	#56 Spectropho	4	
0006-0013.BIAS	0	1:36	03:39:42.0	31:29:59	300	90	3.0	#56 Spectropho	4	
0014-0015.BIAS	0	1:36	03:39:55.0	31:30:00	300	90	3.0	#56 Spectropho	4	
0016-0025.FLAT	6	1:39	03:42:57.0	31:30:00	300	90	3.0	#56 Spectropho	4	
0026-0035.BIAS	0	1:41	03:45:21.0	31:30:00	300	90	3.0	#56 Spectropho	2	
0036-0045.FLAT	12	1:47	03:51:11.0	31:30:01	300	90	3.0	#56 Spectropho	2	
0046.Hiltner600	60	1:47	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	4	
0047.Hiltner600	60	1:47	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	4	
0048.COMP	5	1:47	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	4	
0049.Feige25	120	1:47	02:36:00	05:15:16	300	90	3.0	#56 Spectropho	2	
0050.Feige25	120	1:47	02:36:00	05:15:16	300	90	3.0	#56 Spectropho	2	
0051.COMP	12	1:47	02:36:00	05:15:16	300	90	3.0	#56 Spectropho	2	
0052.Feige25	120	1:47	02:36:00	05:15:16	300	41	3.0	#56 Spectropho	2	
0053.Feige25	120	1:47	02:36:00	05:15:16	300	41	3.0	#56 Spectropho	2	
0054.COMP	12	1:47	02:36:00	05:15:16	300	41	3.0	#56 Spectropho	2	
0055.NGC1700	240	1:47	04:56:58.1	-04:52:22	300	90	3.0	#57 Velocity S	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0056.COMP	12	1:47	04:56:58.1	-04:52:22	300	90	3.0	#57 Velocity S	2	
0057.sn2002ap	240	1:47	01:36:23.8	+15:45:13	300	62	3.0	#2 SN Observat	2	
0058.sn2002ap	240	1:47	01:36:23.8	+15:45:13	300	62	3.0	#2 SN Observat	2	
0059.COMP	12	1:47	01:36:23.8	+15:45:13	300	62	3.0	#2 SN Observat	2	
0060.Akn120	180	1:47	05:13:38.0	-00:12:15	300	90	3.0	#6 AGN Monitor	2	
0061.COMP	12	1:47	05:13:38.0	-00:12:15	300	90	3.0	#6 AGN Monitor	2	
0062.a496_549	1200	1:47	04:24:09.7	-10:39:06	300	90	3.0	#64 Cluster In	2	
0063.COMP	12	1:47	04:24:09.7	-10:39:06	300	90	3.0	#64 Cluster In	2	
0064.a496_558	1200	1:47	04:25:39.5	-18:08:03	300	90	3.0	#64 Cluster In	2	
0065.COMP	12	1:47	04:25:39.5	-18:08:03	300	90	3.0	#64 Cluster In	2	
0066.a496_569	1200	1:47	04:38:48.2	-16:30:28	300	90	3.0	#64 Cluster In	2	
0067.COMP	12	1:47	04:38:48.2	-16:30:28	300	90	3.0	#64 Cluster In	2	
0068.sn2002X1	1200	1:47	06:08:06.3	-23:59:13	300	4	3.0	#2 SN Observat	2	
0069.COMP	12	1:47	06:08:06.3	-23:59:13	300	4	3.0	#2 SN Observat	2	
0070.BGGem	300	1:47	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0071.COMP	12	1:47	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0072.BGGem	1200	1:47	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0073.COMP	12	1:47	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0074.sn2002X2	1200	1:47	09:34:37.5	+05:50:15	300	-46	3.0	#2 SN Observat	2	
0075.COMP	12	1:47	09:34:37.5	+05:50:15	300	-46	3.0	#2 SN Observat	2	

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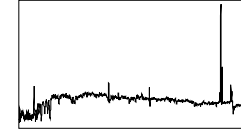
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0076.FLAT	45	1:47	8:51:26.1	11:53:51	600	90	2.0	#10 M67 stars	2	600L 2arcsec tilt=430
0077-0085.FLAT	45	5:55	8:51:26.1	11:53:51	600	90	2.0	#10 M67 stars	2	
0086.Feige34	120	5:55	10:36:41.2	43:21:50	600	82	2.0	#56 Spectropho	2	
0087.COMP	40	5:55	10:36:41.2	43:21:50	600	82	2.0	#56 Spectropho	2	
0088.HD91190	2	5:55	10:30:54.0	+75:58:17	600	43	2.0	#10 M67 stars	2	
0089.COMP	40	5:55	10:30:54.0	+75:58:17	600	43	2.0	#10 M67 stars	2	
0090.m67_6494	240	5:55	8:51:26.1	11:53:51	600	-20	2.0	#10 M67 stars	2	seeing getting worse
0091.COMP	40	5:55	8:51:26.1	11:53:51	600	-20	2.0	#10 M67 stars	2	
0092.m67_5763	600	5:55	8:51:24.1	11:47:09	600	-10	2.0	#10 M67 stars	2	
0093.m67_5763	600	5:55	8:51:24.1	11:47:09	600	-10	2.0	#10 M67 stars	2	
0094.COMP	40	5:55	8:51:24.1	11:47:09	600	-10	2.0	#10 M67 stars	2	
0095.m67_6474	240	5:55	8:50:21.1	12:21:11	600	-3	2.0	#10 M67 stars	2	
0096.COMP	40	5:55	8:50:21.1	12:21:11	600	-3	2.0	#10 M67 stars	2	
0097.m67_6503	240	5:55	8:51:28.9	11:50:33	600	1	2.0	#10 M67 stars	2	
0098.COMP	40	5:55	8:51:28.9	11:50:33	600	1	2.0	#10 M67 stars	2	
0099.m67_6512	240	5:55	8:51:59.5	11:55:04	600	1	2.0	#10 M67 stars	2	
0100.COMP	40	5:55	8:51:59.5	11:55:04	600	1	2.0	#10 M67 stars	2	
0101.m67_6506	240	5:55	8:51:43.8	11:56:42	600	1	2.0	#10 M67 stars	2	
0102.COMP	40	5:55	8:51:43.8	11:56:42	600	1	2.0	#10 M67 stars	2	
0103.m67_6492	240	5:55	8:51:12.6	11:52:42	600	13	2.0	#10 M67 stars	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0104.COMP	40	5:55	8:51:12.6	11:52:42	600	13	2.0	#10 M67 stars	2	
0105.m67_6511	240	5:55	8:51:56.0	11:51:26	600	13	2.0	#10 M67 stars	2	
0106.COMP	40	5:55	8:51:56.0	11:51:26	600	13	2.0	#10 M67 stars	2	
0107.m67_5583	600	5:55	8:51:16.2	11:44:32	600	20	2.0	#10 M67 stars	2	row=74
0108.m67_5583	600	5:55	8:51:16.2	11:44:32	600	20	2.0	#10 M67 stars	2	
0109.COMP	40	5:55	8:51:16.2	11:44:32	600	20	2.0	#10 M67 stars	2	
0110.m67_6430	600	5:55	8:52:13.4	11:46:01	600	31	2.0	#10 M67 stars	2	
0111.m67_6430	600	5:55	8:52:13.4	11:46:01	600	31	2.0	#10 M67 stars	2	
0112.COMP	40	5:55	8:52:13.4	11:46:01	600	31	2.0	#10 M67 stars	2	
0113.m67_5434	600	5:55	8:51:07.4	11:36:53	600	40	2.0	#10 M67 stars	2	
0114.m67_5434	600	5:55	8:51:07.4	11:36:53	600	40	2.0	#10 M67 stars	2	
0115.COMP	40	5:55	8:51:07.4	11:36:53	600	40	2.0	#10 M67 stars	2	
0116.Feige34	120	5:55	10:36:41.2	43:21:50	600	4	2.0	#56 Spectropho	2	
0117.COMP	40	5:55	10:36:41.2	43:21:50	600	4	2.0	#56 Spectropho	2	
0118.HD89744	2	5:55	10:19:12.6	+41:29:02	600	-22	2.0	#10 M67 stars	2	
0119.COMP	40	5:55	10:19:12.6	+41:29:02	600	-22	2.0	#10 M67 stars	2	
0120.Feige34	90	5:55	10:36:41.2	43:21:50	300	-8	3.0	#56 Spectropho	2	(normal setup) For Jha
0121.Feige34	90	5:55	10:36:41.2	43:21:50	300	-8	3.0	#56 Spectropho	2	
0122.COMP	12	5:55	10:36:41.2	43:21:50	300	-8	3.0	#56 Spectropho	2	
0123.MRK110	360	5:55	09:25:12.9	+52:17:10	300	90	3.0	#6 AGN Monitor	2	Great seeing!

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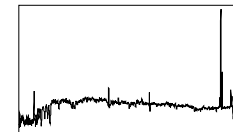
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0124.COMP	12	5:55	09:25:12.9	+52:17:10	300	90	3.0	#6 AGN Monitor	2	
0125.N3227	90	5:55	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0126.N3227	90	5:55	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0127.N3227	90	5:55	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0128.COMP	12	5:55	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0129.MRK421	180	5:55	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0130.MRK421	180	5:55	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0131.COMP	12	5:55	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0132.MRK421	300	5:55	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421	2	
0133.MRK421	300	5:55	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421	2	
0134.MRK421	300	5:55	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421	2	
0135.COMP	12	5:55	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421	2	
0136.sn2002at	1200	5:55	11:32:21.9	+00:48:08	300	19	3.0	#2 SN Observat	2	
0137.COMP	12	5:55	11:32:21.9	+00:48:08	300	19	3.0	#2 SN Observat	2	
0138.N4051	120	5:55	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0139.N4051	120	5:55	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0140.COMP	12	5:55	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0141.N4151	30	5:55	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0142.N4151	30	5:55	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0143.N4151	30	5:55	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	Bin	Comments
0144.COMP	12	5:55	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0145.Feige34	90	5:55	10:36:41.2	43:21:50	300	110	3.0	#56 Spectropho	2	For Jha
0146.Feige34	90	5:55	10:36:41.2	43:21:50	300	110	3.0	#56 Spectropho	2	
0147.COMP	12	5:55	10:36:41.2	43:21:50	300	110	3.0	#56 Spectropho	2	
0148.sn2002ar	1200	5:55	11:37:43.9	+22:00:34	300	43	3.0	#2 SN Observat	2	
0149.COMP	12	5:55	11:37:43.9	+22:00:34	300	43	3.0	#2 SN Observat	2	
0150.N5548	90	5:55	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0151.N5548	90	5:55	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0152.N5548	90	5:55	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0153.COMP	12	5:55	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0154.FSVSJ095929	1200	5:55	09:59:29.8	19:54:10	300	90	3.0	#131 FSVS	2	
0155.COMP	12	5:55	09:59:29.8	19:54:10	300	90	3.0	#131 FSVS	2	
0156.FSVSJ095939	1200	5:55	09:59:39.0	20:48:03	300	90	3.0	#131 FSVS	2	
0157.COMP	12	5:55	09:59:39.0	20:48:03	300	90	3.0	#131 FSVS	2	
0158.Feige34	90	5:55	10:36:41.2	43:21:50	300	92	3.0	#56 Spectropho	2	For Jha
0159.Feige34	90	5:55	10:36:41.2	43:21:50	300	92	3.0	#56 Spectropho	2	
0160.COMP	12	5:55	10:36:41.2	43:21:50	300	92	3.0	#56 Spectropho	2	
0161.FSVSJ125403	1020	5:55	12:54:03.9	26:58:45	300	90	3.0	#131 FSVS	2	
0162.COMP	12	5:55	12:54:03.9	26:58:45	300	90	3.0	#131 FSVS	2	
0163.FSVSJ125422	900	5:55	12:54:22.8	26:20:05	300	90	3.0	#131 FSVS	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0164.COMP	12	5:55	12:54:22.8	26:20:05	300	90	3.0	#131 FSVS	2	
0165.FSVSJ125637	900	5:55	12:56:37.1	26:36:43	300	90	3.0	#131 FSVS	2	
0166.COMP	12	5:55	12:56:37.1	26:36:43	300	90	3.0	#131 FSVS	2	
0167.Feige34	90	5:55	10:36:41.2	43:21:50	300	81	3.0	#56 Spectropho	2	For Jha
0168.Feige34	90	5:55	10:36:41.2	43:21:50	300	81	3.0	#56 Spectropho	2	
0169.COMP	12	5:55	10:36:41.2	43:21:50	300	81	3.0	#56 Spectropho	2	
0170.FSVSJ162426	900	5:55	16:24:26.8	26:49:47	300	90	3.0	#131 FSVS	2	
0171.COMP	12	5:55	16:24:26.8	26:49:47	300	90	3.0	#131 FSVS	2	
0172.FSVSJ162034	1020	5:55	16:20:34.2	26:32:26	300	90	3.0	#131 FSVS	2	
0173.COMP	12	5:55	16:20:34.2	26:32:26	300	90	3.0	#131 FSVS	2	
0174.N5866	180	5:55	15:05:07.2	+55:57:18	300	90	3.0	#57 Velocity S	2	
0175.COMP	12	5:55	15:05:07.2	+55:57:18	300	90	3.0	#57 Velocity S	2	
0176.BDp332642	60	5:55	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	2	
0177.COMP	12	5:55	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	2	
0178-0182.sky	2	13:46	15:50:03	33:05:49	300	90	3.0	#57 Velocity S	4	
0183.COMP	5	13:46	15:50:03	33:05:49	300	90	3.0	#57 Velocity S	4	
0184-0193.BIAS	0	13:50	15:50:03	33:05:49	300	90	3.0	#57 Velocity S	4	
0194-0203.FLAT	6	13:52	15:50:03	33:05:49	300	90	3.0	#57 Velocity S	4	
0204-0213.BIAS	0	13:54	15:50:03	33:05:49	300	90	3.0	#57 Velocity S	2	
0214-0223.FLAT	12	13:58	15:50:03	33:05:49	300	90	3.0	#57 Velocity S	2	



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Coll. Focus 1000 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>Bin</i>	<i>Comments</i>
0224-0233.DARK	900	16:18	15:50:03	33:05:49	300	90	3.0	#57 Velocity S	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	0:52	15:50:03	33:05:49	300	90	3.0	#57 Velocity S	4	
0011-0020.BIAS	0	1:20	15:50:03	33:05:49	300	90	3.0	#57 Velocity S	4	
0021-0030.FLAT	6	1:31	15:50:03	33:05:49	300	90	3.0	#57 Velocity S	4	
0031-0040.BIAS	0	1:34	15:50:03	33:05:49	300	90	3.0	#57 Velocity S	2	
0041-0050.FLAT	12	1:41	15:50:03	33:05:49	300	90	3.0	#57 Velocity S	2	
0051.Hiltner600	45	1:41	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	2	
0052.Hiltner600	45	1:41	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	2	
0053.COMP	12	1:41	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	2	
0054.Hiltner600	45	1:41	06:42:37.2	02:11:25	300	-46	3.0	#56 Spectropho	2	
0055.Hiltner600	45	1:41	06:42:37.2	02:11:25	300	-46	3.0	#56 Spectropho	2	
0056.COMP	12	1:41	06:42:37.2	02:11:25	300	-46	3.0	#56 Spectropho	2	
0057.Hiltner600	45	1:41	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	4	
0058.Hiltner600	45	1:41	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	4	
0059.COMP	5	1:41	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	4	
0060.NGC1700	240	1:41	04:56:58.1	-04:52:22	300	90	3.0	#57 Velocity S	4	
0061.COMP	5	1:41	04:56:58.1	-04:52:22	300	90	3.0	#57 Velocity S	4	
0062.sn2002ap	360	1:41	01:36:23.8	+15:45:13	300	58	3.0	#2 SN Observat	2	
0063.sn2002ap	360	1:41	01:36:23.8	+15:45:13	300	58	3.0	#2 SN Observat	2	
0064.COMP	12	1:41	01:36:23.8	+15:45:13	300	58	3.0	#2 SN Observat	2	
0065.FSVSJ030159	1200	1:41	03:01:59.2	19:37:08	300	90	3.0	#131 FSVS	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0066.COMP	12	1:41	03:01:59.2	19:37:08	300	90	3.0	#131 FSVS	2	
0067.FSVSJ030159	1200	1:41	03:01:59.2	19:37:08	300	90	3.0	#131 FSVS	2	
0068.COMP	12	1:41	03:01:59.2	19:37:08	300	90	3.0	#131 FSVS	2	
0069.FSVSJ030247	1200	1:41	03:02:47.0	19:33:37	300	90	3.0	#131 FSVS	2	
0070.COMP	12	1:41	03:02:47.0	19:33:37	300	90	3.0	#131 FSVS	2	
0071.BGGem	300	1:41	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0072.COMP	12	1:41	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0073.BGGem	1200	1:41	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0074.COMP	12	1:41	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0075.sn2002av	1200	1:41	06:08:06.3	-23:59:13	300	3	3.0	#2 SN Observat	2	
0076.COMP	12	1:41	06:08:06.3	-23:59:13	300	3	3.0	#2 SN Observat	2	
0077.FSVSJ071523	960	1:41	07:15:23.9	22:37:38	300	90	3.0	#131 FSVS	2	
0078.COMP	12	1:41	07:15:23.9	22:37:38	300	90	3.0	#131 FSVS	2	
0079.FSVSJ071528	1200	1:41	07:15:28.2	22:23:30	300	90	3.0	#131 FSVS	2	
0080.COMP	12	1:41	07:15:28.2	22:23:30	300	90	3.0	#131 FSVS	2	
0081.FSVSJ071532	1200	1:41	07:15:32.3	23:36:41	300	90	3.0	#131 FSVS	2	
0082.COMP	12	1:41	07:15:32.3	23:36:41	300	90	3.0	#131 FSVS	2	
0083.FSVSJ071436	1200	1:41	07:14:36.1	23:36:30	300	90	3.0	#131 FSVS	2	
0084.COMP	12	1:41	07:14:36.1	23:36:30	300	90	3.0	#131 FSVS	2	
0085.FSVSJ071537	900	1:41	07:15:37.7	23:29:32	300	90	3.0	#131 FSVS	2	

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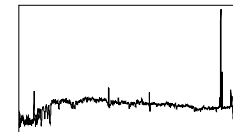
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0086.COMP	12	1:41	07:15:37.7	23:29:32	300	90	3.0	#131 FSVS	2	
0087.FLAT	40	1:41	8:34:32.4	28:05:00	600	90	2.0	#122 Halo Star	4	600L 2arcsec tilt=430
0088-0096.FLAT	40	6:38	8:34:32.4	28:05:00	600	90	2.0	#122 Halo Star	4	
0097.Feige34	120	6:38	10:36:41.2	43:21:50	600	90	2.0	#122 Halo Star	4	
0098.COMP	10	6:38	10:36:41.2	43:21:50	600	90	2.0	#122 Halo Star	4	
0099.hs737	1200	6:38	10:09:51.6	29:04:12	600	90	2.0	#122 Halo Star	4	
0100.COMP	10	6:38	10:09:51.6	29:04:12	600	90	2.0	#122 Halo Star	4	
0101.hs738	300	6:38	10:10:36.8	28:40:33	600	90	2.0	#122 Halo Star	4	
0102.COMP	10	6:38	10:10:36.8	28:40:33	600	90	2.0	#122 Halo Star	4	
0103.hs739	660	6:38	10:11:02.7	29:26:16	600	90	2.0	#122 Halo Star	4	
0104.COMP	10	6:38	10:11:02.7	29:26:16	600	90	2.0	#122 Halo Star	4	
0105.hs740	1200	6:38	10:11:36.3	29:20:38	600	90	2.0	#122 Halo Star	4	
0106.COMP	10	6:38	10:11:36.3	29:20:38	600	90	2.0	#122 Halo Star	4	
0107.hs741	360	6:38	10:11:41.2	29:00:10	600	90	2.0	#122 Halo Star	4	
0108.COMP	10	6:38	10:11:41.2	29:00:10	600	90	2.0	#122 Halo Star	4	
0109.hs743	900	6:38	10:11:52.5	28:00:35	600	90	2.0	#122 Halo Star	4	
0110.COMP	10	6:38	10:11:52.5	28:00:35	600	90	2.0	#122 Halo Star	4	
0111.hs744	1200	6:38	10:11:55.6	29:41:41	600	90	2.0	#122 Halo Star	4	
0112.COMP	10	6:38	10:11:55.6	29:41:41	600	90	2.0	#122 Halo Star	4	
0113.hs745	575	6:38	10:12:19.0	28:50:10	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
0114.COMP	10	6:38	10:12:19.0	28:50:10	600	90	2.0	#122 Halo Star	4	
0115.hs746	780	6:38	10:12:40.7	29:04:16	600	90	2.0	#122 Halo Star	4	
0116.COMP	10	6:38	10:12:40.7	29:04:16	600	90	2.0	#122 Halo Star	4	
0117.hs747	480	6:38	10:13:45.6	29:16:41	600	90	2.0	#122 Halo Star	4	
0118.COMP	10	6:38	10:13:45.6	29:16:41	600	90	2.0	#122 Halo Star	4	
0119.hs748	540	6:38	10:13:56.3	29:06:14	600	90	2.0	#122 Halo Star	4	
0120.COMP	10	6:38	10:13:56.3	29:06:14	600	90	2.0	#122 Halo Star	4	
0121.hs749	360	6:38	10:15:58.4	28:54:04	600	90	2.0	#122 Halo Star	4	
0122.COMP	10	6:38	10:15:58.4	28:54:04	600	90	2.0	#122 Halo Star	4	
0123.hs750	1200	6:38	10:16:46.8	28:11:04	600	90	2.0	#122 Halo Star	4	
0124.COMP	10	6:38	10:16:46.8	28:11:04	600	90	2.0	#122 Halo Star	4	
0125.hs751	300	6:38	10:16:54.2	28:59:31	600	90	2.0	#122 Halo Star	4	
0126.COMP	10	6:38	10:16:54.2	28:59:31	600	90	2.0	#122 Halo Star	4	
0127.hs752	720	6:38	10:18:19.9	29:09:32	600	90	2.0	#122 Halo Star	4	
0128.COMP	10	6:38	10:18:19.9	29:09:32	600	90	2.0	#122 Halo Star	4	
0129.hs753	600	6:38	10:18:28.6	29:29:47	600	90	2.0	#122 Halo Star	4	
0130.COMP	10	6:38	10:18:28.6	29:29:47	600	90	2.0	#122 Halo Star	4	
0131.hs754	270	6:38	10:20:27.6	28:09:19	600	90	2.0	#122 Halo Star	4	
0132.COMP	10	6:38	10:20:27.6	28:09:19	600	90	2.0	#122 Halo Star	4	
0133.hs755	270	6:38	10:20:50.8	29:09:03	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
0134.COMP	10	6:38	10:20:50.8	29:09:03	600	90	2.0	#122 Halo Star	4	
0135.HZ44	240	6:38	13:21:19.0	36:23:39	600	90	2.0	#122 Halo Star	4	
0136.COMP	10	6:38	13:21:19.0	36:23:39	600	90	2.0	#122 Halo Star	4	
0137.sn2002ar	1200	6:38	11:37:43.9	+22:00:34	300	60	3.0	#2 SN Observat	2	normal setup
0138.COMP	12	6:38	11:37:43.9	+22:00:34	300	60	3.0	#2 SN Observat	2	
0139.hs744	1200	6:38	10:11:55.6	29:41:41	300	60	3.0	#122 Halo Star	2	Please forward to Paul Groot
0140.COMP	12	6:38	10:11:55.6	29:41:41	300	60	3.0	#122 Halo Star	2	
0141.FSVSJ125637	1200	6:38	12:56:37.1	26:36:43	300	60	3.0	#131 FSVS	2	
0142.COMP	12	6:38	12:56:37.1	26:36:43	300	60	3.0	#131 FSVS	2	
0143.FSVSJ125422	1200	6:38	12:54:22.8	26:20:05	300	90	3.0	#131 FSVS	2	
0144.COMP	12	6:38	12:54:22.8	26:20:05	300	90	3.0	#131 FSVS	2	
0145.FSVSJ125037	900	6:38	12:50:37.7	26:15:00	300	90	3.0	#131 FSVS	2	
0146.COMP	12	6:38	12:50:37.7	26:15:00	300	90	3.0	#131 FSVS	2	
0147.BDp332642	60	6:38	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	2	
0148.COMP	12	6:38	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	2	
0149.BDp332642	60	6:38	15:50:03	33:05:49	300	73	3.0	#56 Spectropho	2	
0150.COMP	12	6:38	15:50:03	33:05:49	300	73	3.0	#56 Spectropho	2	
0151-0160.BIAS	0	13:42	15:50:03	33:05:49	300	90	3.0	#57 Velocity S	4	
0161-0170.FLAT	6	13:45	15:50:03	33:05:49	300	90	3.0	#57 Velocity S	4	
0171-0180.BIAS	0	13:47	15:50:03	33:05:49	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>Bin</i>	<i>Comments</i>
0181-0190.FLAT	12	13:52	15:50:03	33:05:49	300	90	3.0	#57 Velocity S	2	
0191-0200.DARK	900	16:10	15:50:03	33:05:49	300	90	3.0	#57 Velocity S	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	1:06	03:17:43.0	31:29:57	300	90	3.0	#57 Velocity S	4	
0011-0020.FLAT	8	1:09	03:20:37.0	31:29:57	300	90	3.0	#57 Velocity S	4	
0021.BIAS	0	1:09	03:21:20.0	31:29:57	300	90	3.0	#57 Velocity S	2	solid clouds @ sunset
0022-0030.BIAS	0	1:11	03:23:17.0	31:29:57	300	90	3.0	#57 Velocity S	2	
0031-0040.FLAT	16	1:16	03:28:34.0	31:29:58	300	90	3.0	#57 Velocity S	2	
0041.sn2002ap	1200	1:16	01:36:23.8	+15:45:13	300	62	3.0	#2 SN Observat	2	sucker hole
0042.COMP	10	1:16	01:36:23.8	+15:45:13	300	62	3.0	#2 SN Observat	2	
0043.BGGem	1200	1:16	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0044.BGGem	420	1:16	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0045.COMP	10	1:16	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0046.Hiltner600	60	1:16	06:42:37.2	02:11:25	300	-25	3.0	#56 Spectropho	2	
0047.Hiltner600	60	1:16	06:42:37.2	02:11:25	300	-25	3.0	#56 Spectropho	2	
0048.Hiltner600	60	1:16	06:42:37.2	02:11:25	300	-25	3.0	#56 Spectropho	2	
0049.COMP	10	1:16	06:42:37.2	02:11:25	300	-25	3.0	#56 Spectropho	2	
0050.HD52971	4	1:16	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	
0051.HD52971	4	1:16	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	
0052.HD52971	4	1:16	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	
0053.COMP	5	1:16	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	clouds
0054.BIAS	0	1:16	06:57:51	+27:13:42	600	90	2.0	M67	4	
0055.COMP	10	1:16	06:57:51	+27:13:42	600	90	2.0	#10 M67	4	

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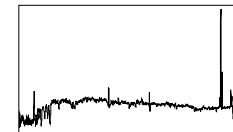
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0056.FLAT	55	1:16	06:57:51	+27:13:42	600	90	2.0	M67	2	600-line grating, 2-sec slit
0057-0075.FLAT	55	4:19	06:57:51	+27:13:42	600	90	2.0	M67	2	
0076.m67_6510	420	4:19	8:52:10.7	11:44:05	600	-45	2.0	#10 M67 stars	2	
0077.COMP	10	4:19	8:52:10.7	11:44:05	600	-45	2.0	#10 M67 stars	2	
0078.m67_6497	240	4:19	8:51:43.5	11:44:26	600	-45	2.0	#10 M67 stars	2	clearing nicely and great seeing
0079.COMP	10	4:19	8:51:43.5	11:44:26	600	-45	2.0	#10 M67 stars	2	
0080.m67_6508	240	4:19	8:52:10.9	11:31:49	600	-45	2.0	#10 M67 stars	2	
0081.COMP	10	4:19	8:52:10.9	11:31:49	600	-45	2.0	#10 M67 stars	2	
0082.m67_6490	240	4:19	8:51:27.0	11:51:52	600	-45	2.0	#10 M67 stars	2	
0083.COMP	10	4:19	8:51:27.0	11:51:52	600	-45	2.0	#10 M67 stars	2	
0084.m67_6501	240	4:19	8:51:32.5	11:48:51	600	-38	2.0	#10 M67 stars	2	
0085.COMP	10	4:19	8:51:32.5	11:48:51	600	-38	2.0	#10 M67 stars	2	
0086.m67_6480	300	4:19	8:51:14.3	11:45:00	600	-38	2.0	#10 M67 stars	2	
0087.COMP	10	4:19	8:51:14.3	11:45:00	600	-38	2.0	#10 M67 stars	2	
0088.m67_6489	300	4:19	8:51:17.0	11:50:46	600	-30	2.0	#10 M67 stars	2	
0089.COMP	10	4:19	8:51:17.0	11:50:46	600	-30	2.0	#10 M67 stars	2	
0090.m67_6496	360	4:19	8:51:46.0	11:36:18	600	-30	2.0	#10 M67 stars	2	
0091.COMP	10	4:19	8:51:46.0	11:36:18	600	-30	2.0	#10 M67 stars	2	
0092.m67_6491	360	4:19	8:51:21.7	11:52:37	600	-30	2.0	#10 M67 stars	2	
0093.COMP	10	4:19	8:51:21.7	11:52:37	600	-30	2.0	#10 M67 stars	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0094.m67_6089	900	4:19	8:51:42.4	11:49:51	600	-20	2.0	#10 M67 stars	2	
0095.COMP	10	4:19	8:51:42.4	11:49:51	600	-20	2.0	#10 M67 stars	2	
0096.m67_5790	900	4:19	8:51:25.3	11:47:34	600	-10	2.0	#10 M67 stars	2	
0097.COMP	10	4:19	8:51:25.3	11:47:34	600	-10	2.0	#10 M67 stars	2	
0098.m67_5451	900	4:19	8:51:07.2	11:53:01	600	-10	2.0	#10 M67 stars	2	pa=0
0099.COMP	10	4:19	8:51:07.2	11:53:01	600	-10	2.0	#10 M67 stars	2	
0100.m67_5643	900	4:19	8:51:18.6	11:47:02	600	10	2.0	#10 M67 stars	2	
0101.COMP	10	4:19	8:51:18.6	11:47:02	600	10	2.0	#10 M67 stars	2	
0102.m67_5348	900	4:19	8:51:00.8	11:39:37	600	20	2.0	#10 M67 stars	2	
0103.COMP	10	4:19	8:51:00.8	11:39:37	600	20	2.0	#10 M67 stars	2	
0104.m67_5041	900	4:19	8:50:34.3	11:39:56	600	20	2.0	#10 M67 stars	2	
0105.COMP	10	4:19	8:50:34.3	11:39:56	600	20	2.0	#10 M67 stars	2	
0106.m67_5929	900	4:19	8:51:32.4	11:47:52	600	35	2.0	#10 M67 stars	2	
0107.COMP	10	4:19	8:51:32.4	11:47:52	600	35	2.0	#10 M67 stars	2	
0108.Feige34	300	4:19	10:36:41.2	43:21:50	600	30	2.0	#10 M67 stars	2	
0109.Feige34	300	4:19	10:36:41.2	43:21:50	600	30	2.0	#10 M67 stars	2	
0110.COMP	10	4:19	10:36:41.2	43:21:50	600	30	2.0	#10 M67 stars	2	
0111.HD91752	4	4:19	10:33:29.6	+36:35:12	600	0	2.0	#10 M67 stars	2	
0112.HD91752	4	4:19	10:33:29.6	+36:35:12	600	0	2.0	#10 M67 stars	2	
0113.HD91752	4	4:19	10:33:29.6	+36:35:12	600	0	2.0	#10 M67 stars	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0114.COMP	10	4:19	10:33:29.6	+36:35:12	600	0	2.0	#10 M67 stars	2	
0115.HD95128	4	4:19	10:56:40.3	+40:41:51	600	0	2.0	#10 M67 stars	2	
0116.HD95128	2	4:19	10:56:40.3	+40:41:51	600	0	2.0	#10 M67 stars	2	
0117.HD95128	2	4:19	10:56:40.3	+40:41:51	600	0	2.0	#10 M67 stars	2	
0118.HD95128	2	4:19	10:56:40.3	+40:41:51	600	0	2.0	#10 M67 stars	2	
0119.COMP	10	4:19	10:56:40.3	+40:41:51	600	0	2.0	#10 M67 stars	2	
0120.HD92588	4	4:19	10:38:51.5	-01:28:41	600	0	2.0	#10 M67 stars	2	
0121.HD92588	4	4:19	10:38:51.5	-01:28:41	600	0	2.0	#10 M67 stars	2	
0122.HD92588	4	4:19	10:38:51.5	-01:28:41	600	0	2.0	#10 M67 stars	2	
0123.COMP	10	4:19	10:38:51.5	-01:28:41	600	0	2.0	#10 M67 stars	2	
0124.HD96436	2	4:19	11:04:21.1	+02:13:38	600	0	2.0	#10 M67 stars	2	
0125.HD96436	2	4:19	11:04:21.1	+02:13:38	600	0	2.0	#10 M67 stars	2	
0126.HD96436	2	4:19	11:04:21.1	+02:13:38	600	0	2.0	#10 M67 stars	2	
0127.COMP	10	4:19	11:04:21.1	+02:13:38	600	0	2.0	#10 M67 stars	2	
0128.m67_5571	900	4:19	8:51:15.4	11:47:31	600	50	2.0	#10 M67 stars	2	
0129.COMP	10	4:19	8:51:15.4	11:47:31	600	50	2.0	#10 M67 stars	2	
0130.m67_5853	900	4:19	8:51:28.8	11:51:59	600	50	2.0	#10 M67 stars	2	
0131.COMP	10	4:19	8:51:28.8	11:51:59	600	50	2.0	#10 M67 stars	2	
0132.m67_6228	900	4:19	8:51:52.5	12:04:23	600	57	2.0	#10 M67 stars	2	
0133.COMP	10	4:19	8:51:52.5	12:04:23	600	57	2.0	#10 M67 stars	2	

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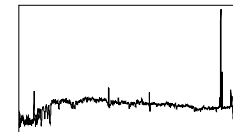
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0134.BIAS	0	4:19	10:36:41.2	43:21:50	300	90	3.0	#10 M67 stars	2	
0135.Feige34	120	4:19	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	300-line; 3-sec slit
0136.Feige34	120	4:19	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0137.COMP	10	4:19	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	normal combo setup
0138.MRK421	300	4:19	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421	2	
0139.MRK421	300	4:19	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421	2	
0140.MRK421	300	4:19	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421	2	
0141.COMP	10	4:19	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421	2	
0142.sn2002ar	1200	4:19	11:37:43.9	+22:00:34	300	30	3.0	#2 SN Observat	2	
0143.COMP	10	4:19	11:37:43.9	+22:00:34	300	30	3.0	#2 SN Observat	2	
0144.N4051	120	4:19	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	4	
0145.N4051	120	4:19	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	4	
0146.COMP	5	4:19	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	4	
0147.N4151	30	4:19	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	4	
0148.N4151	30	4:19	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	4	
0149.COMP	5	4:19	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	4	
0150.N3227	120	4:19	10:23:30.6	+19:51:54	300	63	3.0	#6 AGN Monitor	4	
0151.N3227	120	4:19	10:23:30.6	+19:51:54	300	63	3.0	#6 AGN Monitor	4	
0152.N3227	120	4:19	10:23:30.6	+19:51:54	300	63	3.0	#6 AGN Monitor	4	
0153.COMP	5	4:19	10:23:30.6	+19:51:54	300	63	3.0	#6 AGN Monitor	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0154.comas_001	300	4:19	12:27:10.0	26:57:26	300	63	3.0	#64f Cluster I	4	PA=90
0155.COMP	5	4:19	12:27:10.0	26:57:26	300	63	3.0	#64f Cluster I	4	
0156.comas_002	300	4:19	12:27:41.8	28:41:53	300	63	3.0	#64f Cluster I	4	
0157.COMP	5	4:19	12:27:41.8	28:41:53	300	63	3.0	#64f Cluster I	4	
0158.comas_003	360	4:19	12:31:38.6	27:29:43	300	63	3.0	#64f Cluster I	4	
0159.COMP	5	4:19	12:31:38.6	27:29:43	300	63	3.0	#64f Cluster I	4	
0160.comas_004	480	4:19	12:34:17.2	27:27:08	300	63	3.0	#64f Cluster I	4	
0161.COMP	5	4:19	12:34:17.2	27:27:08	300	63	3.0	#64f Cluster I	4	
0162.comas_005	420	4:19	12:35:41.7	26:13:19	300	63	3.0	#64f Cluster I	4	
0163.COMP	5	4:19	12:35:41.7	26:13:19	300	63	3.0	#64f Cluster I	4	
0164.comas_006	360	4:19	12:35:58.5	26:57:57	300	63	3.0	#64f Cluster I	4	
0165.COMP	5	4:19	12:35:58.5	26:57:57	300	63	3.0	#64f Cluster I	4	
0166.comas_007	90	4:19	12:36:30.4	26:12:01	300	63	3.0	#64f Cluster I	4	
0167.COMP	5	4:19	12:36:30.4	26:12:01	300	63	3.0	#64f Cluster I	4	
0168.comas_008	240	4:19	12:36:38.0	24:25:43	300	63	3.0	#64f Cluster I	4	
0169.COMP	5	4:19	12:36:38.0	24:25:43	300	63	3.0	#64f Cluster I	4	
0170.comas_009	720	4:19	12:36:48.4	27:32:55	300	63	3.0	#64f Cluster I	4	
0171.COMP	5	4:19	12:36:48.4	27:32:55	300	63	3.0	#64f Cluster I	4	
0172.comas_010	600	4:19	12:37:55.4	34:01:20	300	63	3.0	#64f Cluster I	4	
0173.COMP	5	4:19	12:37:55.4	34:01:20	300	63	3.0	#64f Cluster I	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0174.comas_011	240	4:19	12:38:04.5	33:27:31	300	63	3.0	#64f Cluster I	4	
0175.COMP	5	4:19	12:38:04.5	33:27:31	300	63	3.0	#64f Cluster I	4	
0176.comas_012	420	4:19	12:38:13.3	28:56:13	300	63	3.0	#64f Cluster I	4	
0177.COMP	5	4:19	12:38:13.3	28:56:13	300	63	3.0	#64f Cluster I	4	
0178.comas_013	420	4:19	12:39:18.0	27:54:31	300	63	3.0	#64f Cluster I	4	
0179.COMP	5	4:19	12:39:18.0	27:54:31	300	63	3.0	#64f Cluster I	4	
0180.comas_014	420	4:19	12:39:18.4	31:59:23	300	63	3.0	#64f Cluster I	4	
0181.COMP	5	4:19	12:39:18.4	31:59:23	300	63	3.0	#64f Cluster I	4	
0182.comas_015	270	4:19	12:39:18.5	28:54:15	300	63	3.0	#64f Cluster I	4	
0183.COMP	5	4:19	12:39:18.5	28:54:15	300	63	3.0	#64f Cluster I	4	
0184.comas_016	420	4:19	12:41:08.8	29:32:16	300	63	3.0	#64f Cluster I	4	
0185.COMP	5	4:19	12:41:08.8	29:32:16	300	63	3.0	#64f Cluster I	4	
0186.comas_017	900	4:19	12:42:47.5	33:17:15	300	63	3.0	#64f Cluster I	4	PA=90
0187.COMP	5	4:19	12:42:47.5	33:17:15	300	63	3.0	#64f Cluster I	4	
0188.N5548	150	4:19	14:17:59.6	+25:08:12	300	55	3.0	#6 AGN Monitor	4	
0189.N5548	150	4:19	14:17:59.6	+25:08:12	300	55	3.0	#6 AGN Monitor	4	
0190.COMP	5	4:19	14:17:59.6	+25:08:12	300	55	3.0	#6 AGN Monitor	4	
0191.N4853	300	4:19	12:58:35.1	+27:35:47	300	90	3.0	#57 Velocity S	4	
0192.COMP	5	4:19	12:58:35.1	+27:35:47	300	90	3.0	#57 Velocity S	4	
0193.BDp332642	90	4:19	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	4	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0194.BDp332642	90	4:19	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	4	
0195.COMP	5	4:19	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	4	
0196.BIAS	0	4:19	15:50:03	33:05:49	300	90	3.0	#57 Velocity S	4	a few thin clouds @ dawn
0197-0205.BIAS	0	13:09	15:50:03	33:05:49	300	90	3.0	#57 Velocity S	4	
0206-0215.FLAT	8	13:11	15:50:03	33:05:49	300	90	3.0	#57 Velocity S	4	
0216-0225.BIAS	0	13:14	15:50:03	33:05:49	300	90	3.0	#57 Velocity S	2	
0226-0235.FLAT	16	13:19	15:50:03	33:05:49	300	90	3.0	#57 Velocity S	2	
0236-0245.DARK	1200	16:22	15:50:03	33:05:49	300	90	3.0	#57 Velocity S	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0008.DARK	900	0:41	15:50:03	33:05:49	300	90	3.0	#57 Velocity S	4	
0009-0020.BIAS	0	0:58	15:50:03	33:05:49	300	90	3.0	#57 Velocity S	4	
0021-0030.FLAT	8	1:01	15:50:03	33:05:49	300	90	3.0	#57 Velocity S	4	
0031-0040.BIAS	0	1:04	15:50:03	33:05:49	300	90	3.0	#57 Velocity S	2	
0041-0050.FLAT	16	1:09	15:50:03	33:05:49	300	90	3.0	#57 Velocity S	2	
0051.sky	3	1:23	3:40:00	32:00:00	300	90	3.0	#57 Velocity S	4	lots of thin clouds
0052-0055.sky	3	1:24	3:40:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0056.COMP	5	1:25	3:40:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0057.NGC1700	240	2:03	04:56:58.1	-04:52:22	300	90	3.0	#57 Velocity S	4	
0058.COMP	5	2:08	04:56:58.1	-04:52:22	300	90	3.0	#57 Velocity S	4	
0059.sn2002ap	540	2:10	01:36:23.8	+15:45:13	300	65	3.0	#2 SN Observat	2	
0060.sn2002ap	540	2:19	01:36:23.8	+15:45:13	300	63	3.0	#2 SN Observat	2	
0061.COMP	10	2:29	01:36:23.8	+15:45:13	300	63	3.0	#2 SN Observat	2	
0062.2MJ0348404p794038	900	2:32	03:48:40.4	+79:40:38	300	90	3.0	#68 2MASS Reds	4	hi Susan, happy Friday
0063.COMP	5	2:48	03:48:40.4	+79:40:38	300	90	3.0	#68 2MASS Reds	4	
0064.2MJ0357358p754114	600	2:49	03:57:35.8	+75:41:14	300	90	3.0	#68 2MASS Reds	4	
0065.COMP	5	2:59	03:57:35.8	+75:41:14	300	90	3.0	#68 2MASS Reds	4	
0066.2MJ0403588p695134	360	3:00	04:03:58.8	+69:51:34	300	90	3.0	#68 2MASS Reds	4	
0067.COMP	5	3:07	04:03:58.8	+69:51:34	300	90	3.0	#68 2MASS Reds	4	
0068.2MJ0404535p695946	300	3:07	04:04:53.5	+69:59:46	300	90	3.0	#68 2MASS Reds	4	a little scruffy

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0069.COMP	5	3:13	04:04:53.5	+69:59:46	300	90	3.0	#68 2MASS Reds	4	
0070.Akn120	240	3:15	05:13:38.0	-00:12:15	300	7	3.0	#6 AGN Monitor	4	
0071.Akn120	240	3:20	05:13:38.0	-00:12:15	300	7	3.0	#6 AGN Monitor	4	
0072.COMP	5	3:24	05:13:38.0	-00:12:15	300	7	3.0	#6 AGN Monitor	4	
0073.sn2002av	1200	3:31	06:08:06.3	-23:59:13	300	7	3.0	#2 SN Observat	2	
0074.COMP	10	3:51	06:08:06.3	-23:59:13	300	7	3.0	#2 SN Observat	2	
0075.2MJ0339470p240755	720	3:55	03:39:47.0	+24:07:55	300	0	3.0	#68 2MASS Reds	4	
0076.COMP	5	4:07	03:39:47.0	+24:07:55	300	0	3.0	#68 2MASS Reds	4	
0077.2MJ0413435p151326	720	4:08	04:13:43.5	+15:13:26	300	0	3.0	#68 2MASS Reds	4	
0078.COMP	5	4:21	04:13:43.5	+15:13:26	300	0	3.0	#68 2MASS Reds	4	
0079.Hiltner600	60	4:23	06:42:37.2	02:11:25	300	0	3.0	#56 Spectropho	2	
0080.Hiltner600	60	4:24	06:42:37.2	02:11:25	300	0	3.0	#56 Spectropho	2	
0081.COMP	10	4:25	06:42:37.2	02:11:25	300	0	3.0	#56 Spectropho	2	
0082.BIAS	0	4:28	7:15:00	32:00:00	600	0	2.0	#56 Spectropho	2	
0083.FLAT	55	4:30	7:30:00	30:00:00	600	0	2.0	#56 Spectropho	2	600-line; 2-sec slit
0084-0102.FLAT	55	4:52	7:30:00	30:00:00	600	0	2.0	#56 Spectropho	2	
0103.Hiltner600	90	4:55	06:42:37.2	02:11:25	600	12	2.0	#10 M67 stars	2	
0104.Hiltner600	90	4:57	06:42:37.2	02:11:25	600	12	2.0	#10 M67 stars	2	
0105.COMP	10	4:59	06:42:37.2	02:11:25	600	12	2.0	#10 M67 stars	2	
0106.m67_6505	300	5:04	8:51:42.3	11:51:22	600	-40	2.0	#10 M67 stars	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0107.COMP	10	5:09	8:51:42.3	11:51:22	600	-40	2.0	#10 M67 stars	2	
0108.m67_5191	900	5:11	8:50:47.6	11:44:51	600	-40	2.0	#10 M67 stars	2	
0109.COMP	10	5:27	8:50:47.6	11:44:51	600	-40	2.0	#10 M67 stars	2	
0110.m67_5059	900	5:30	8:50:36.1	11:43:18	600	-40	2.0	#10 M67 stars	2	
0111.COMP	10	5:45	8:50:36.1	11:43:18	600	-40	2.0	#10 M67 stars	2	
0112.m67_5993	900	5:49	8:51:36.0	11:46:33	600	-20	2.0	#10 M67 stars	2	
0113.COMP	10	6:04	8:51:36.0	11:46:33	600	-20	2.0	#10 M67 stars	2	
0114.m67_5362	900	6:06	8:51:01.0	11:50:10	600	-20	2.0	#10 M67 stars	2	
0115.COMP	10	6:23	8:51:01.0	11:50:10	600	-20	2.0	#10 M67 stars	2	
0116.m67_5624	900	6:27	8:51:17.9	11:45:54	600	-20	2.0	#10 M67 stars	2	PA=0
0117.COMP	10	6:42	8:51:17.9	11:45:54	600	-20	2.0	#10 M67 stars	2	
0118.m67_6107	900	6:43	8:51:44.0	11:46:24	600	0	2.0	#10 M67 stars	2	
0119.COMP	10	6:59	8:51:44.0	11:46:24	600	0	2.0	#10 M67 stars	2	
0120.m67_5927	900	7:00	8:51:32.4	11:48:01	600	20	2.0	#10 M67 stars	2	
0121.COMP	10	7:16	8:51:32.4	11:48:01	600	20	2.0	#10 M67 stars	2	
0122.m67_5350	900	7:17	8:51:00.1	11:54:31	600	30	2.0	#10 M67 stars	2	
0123.COMP	10	7:33	8:51:00.1	11:54:31	600	30	2.0	#10 M67 stars	2	
0124.m67_5350	900	7:33	8:51:00.1	11:54:31	600	30	2.0	#10 M67 stars	2	
0125.COMP	10	7:49	8:51:00.1	11:54:31	600	30	2.0	#10 M67 stars	2	
0126.m67_5833	900	7:51	8:51:28.1	11:49:27	600	40	2.0	#10 M67 stars	2	

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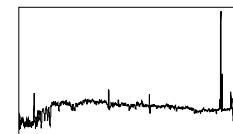
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0127.COMP	10	8:07	8:51:28.1	11:49:27	600	40	2.0	#10 M67 stars	2	
0128.m67_6313	900	8:08	8:51:59.6	11:52:57	600	45	2.0	#10 M67 stars	2	
0129.COMP	10	8:24	8:51:59.6	11:52:57	600	45	2.0	#10 M67 stars	2	
0130.Feige34	240	8:26	10:36:41.2	43:21:50	600	0	2.0	#10 M67 stars	2	
0131.Feige34	240	8:30	10:36:41.2	43:21:50	600	0	2.0	#10 M67 stars	2	
0132.COMP	10	8:34	10:36:41.2	43:21:50	600	0	2.0	#10 M67 stars	2	
0133.m67_5248	900	8:36	8:50:51.8	11:56:55	600	55	2.0	#10 M67 stars	2	
0134.COMP	10	8:52	8:50:51.8	11:56:55	600	55	2.0	#10 M67 stars	2	
0135.m67_5118	900	8:53	8:50:40.8	11:47:46	600	55	2.0	#10 M67 stars	2	
0136.COMP	10	9:08	8:50:40.8	11:47:46	600	55	2.0	#10 M67 stars	2	
0137.m67_5118	900	9:09	8:50:40.8	11:47:46	600	55	2.0	#10 M67 stars	2	
0138.COMP	10	9:24	8:50:40.8	11:47:46	600	55	2.0	#10 M67 stars	2	
0139.HD102070	2	9:27	11:42:13.5	-18:04:21	600	0	2.0	#10 M67 stars	2	
0140.HD102070	4	9:27	11:42:13.5	-18:04:21	600	0	2.0	#10 M67 stars	2	
0141.HD102070	4	9:28	11:42:13.5	-18:04:21	600	0	2.0	#10 M67 stars	2	
0142.COMP	10	9:28	11:42:13.5	-18:04:21	600	0	2.0	#10 M67 stars	2	
0143.HD102212	2	9:30	11:43:17.3	+06:48:34	600	0	2.0	#10 M67 stars	2	pec
0144.HD102212	2	9:31	11:43:17.3	+06:48:34	600	0	2.0	#10 M67 stars	2	
0145.HD102212	2	9:31	11:43:17.3	+06:48:34	600	0	2.0	#10 M67 stars	2	
0146.HD102212	6	9:32	11:43:17.3	+06:48:34	600	0	2.0	#10 M67 stars	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0147.COMP	10	9:32	11:43:17.3	+06:48:34	600	0	2.0	#10 M67 stars	2	
0148.HD103095	4	9:34	11:50:06.1	+38:04:39	600	0	2.0	#10 M67 stars	2	
0149.HD103095	4	9:35	11:50:06.1	+38:04:39	600	0	2.0	#10 M67 stars	2	
0150.HD103095	6	9:35	11:50:06.1	+38:04:39	600	0	2.0	#10 M67 stars	2	
0151.COMP	10	9:36	11:50:06.1	+38:04:39	600	0	2.0	#10 M67 stars	2	
0152.BIAS	0	9:39	12:00:00	32:00:00	300	0	3.0	#10 M67 stars	2	300-line; 3-sec
0153.Feige34	180	9:40	10:36:41.2	43:21:50	300	0	3.0	#56 Spectropho	2	
0154.Feige34	180	9:44	10:36:41.2	43:21:50	300	0	3.0	#56 Spectropho	2	
0155.COMP	10	9:47	10:36:41.2	43:21:50	300	0	3.0	#56 Spectropho	2	
0156.comas_018	600	9:50	12:42:54.0	20:59:23	300	0	3.0	#64f Cluster I	4	
0157.COMP	5	10:00	12:42:54.0	20:59:23	300	0	3.0	#64f Cluster I	4	
0158.comas_019	720	10:01	12:45:06.6	21:10:10	300	0	3.0	#64f Cluster I	4	
0159.COMP	5	10:13	12:45:06.6	21:10:10	300	0	3.0	#64f Cluster I	4	
0160.comas_020	300	10:14	12:45:11.8	23:02:10	300	0	3.0	#64f Cluster I	4	
0161.COMP	5	10:19	12:45:11.8	23:02:10	300	0	3.0	#64f Cluster I	4	
0162.comas_021	1200	10:20	12:47:11.7	26:42:47	300	0	3.0	#64f Cluster I	4	
0163.COMP	5	10:40	12:47:11.7	26:42:47	300	0	3.0	#64f Cluster I	4	
0164.sn2002ar	1200	10:42	11:37:43.9	+22:00:34	300	60	3.0	#2 SN Observat	2	
0165.COMP	10	11:03	11:37:43.9	+22:00:34	300	60	3.0	#2 SN Observat	2	
0166.sn2002ar	1200	11:04	11:37:43.9	+22:00:34	300	60	3.0	#2 SN Observat	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0167.COMP	10	11:24	11:37:43.9	+22:00:34	300	60	3.0	#2 SN Observat	2	
0168.comas_022	360	11:26	12:48:57.8	34:52:06	300	90	3.0	#64f Cluster I	2	
0169.COMP	10	11:32	12:48:57.8	34:52:06	300	90	3.0	#64f Cluster I	2	
0170.comas_023	480	11:33	12:49:08.8	27:22:08	300	90	3.0	#64f Cluster I	4	
0171.COMP	5	11:41	12:49:08.8	27:22:08	300	90	3.0	#64f Cluster I	4	
0172.comas_024	300	11:42	12:50:08.7	33:09:32	300	90	3.0	#64f Cluster I	4	
0173.COMP	5	11:47	12:50:08.7	33:09:32	300	90	3.0	#64f Cluster I	4	
0174.comas_025	480	11:48	12:50:53.0	34:09:25	300	90	3.0	#64f Cluster I	4	
0175.COMP	5	11:57	12:50:53.0	34:09:25	300	90	3.0	#64f Cluster I	4	
0176.comas_026	1200	11:57	12:51:29.5	31:48:51	300	90	3.0	#64f Cluster I	4	
0177.COMP	5	12:18	12:51:29.5	31:48:51	300	90	3.0	#64f Cluster I	4	
0178.comas_027	360	12:18	12:53:52.5	32:14:30	300	90	3.0	#64f Cluster I	4	
0179.COMP	5	12:25	12:53:52.5	32:14:30	300	90	3.0	#64f Cluster I	4	
0180.comas_028	900	12:27	12:55:08.7	27:12:22	300	90	3.0	#64f Cluster I	4	
0181.COMP	5	12:44	12:55:08.7	27:12:22	300	90	3.0	#64f Cluster I	4	
0182.comas_029	360	12:46	12:57:33.9	28:28:56	300	90	3.0	#64f Cluster I	4	
0183.COMP	10	12:53	12:57:33.9	28:28:56	300	90	3.0	#64f Cluster I	4	
0184.BIAS	0	12:55	12:57:33.9	28:28:56	300	90	3.0	#64f Cluster I	4	thin clouds all night
0185-0193.BIAS	0	12:56	12:57:33.9	28:28:56	300	90	3.0	#64f Cluster I	4	
0194-0203.FLAT	8	12:58	12:57:33.9	28:28:56	300	90	3.0	#64f Cluster I	4	



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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0204-0213.BIAS	0	13:01	12:57:33.9	28:28:56	300	90	3.0	#64f Cluster I	2	
0214-0223.FLAT	16	13:05	12:57:33.9	28:28:56	300	90	3.0	#64f Cluster I	2	
0224-0233.DARK	900	15:25	12:57:33.9	28:28:56	300	90	3.0	#64f Cluster I	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	2:11	12:57:33.9	28:28:56	300	90	3.0	#64f Cluster I	2	
0011-0020.BIAS	0	2:28	12:57:33.9	28:28:56	300	90	3.0	#64f Cluster I	2	
0021-0030.FLAT	8	2:32	12:57:33.9	28:28:56	300	90	3.0	#64f Cluster I	2	
0031.BIAS	0	2:33	12:57:33.9	28:28:56	300	90	3.0	#64f Cluster I	2	thick cirrus
0032-0040.BIAS	0	2:35	12:57:33.9	28:28:56	300	90	3.0	#64f Cluster I	2	
0041-0050.FLAT	16	2:41	12:57:33.9	28:28:56	300	90	3.0	#64f Cluster I	2	
0051.HIP25302	8	3:00	05:24:44.8	+01:50:47	300	0	3.0	#89 Ae/Be Star	4	bright MK stds for Zoltan
0052.HIP25302	8	3:00	05:24:44.8	+01:50:47	300	0	3.0	#89 Ae/Be Star	4	
0053.HIP25302	8	3:00	05:24:44.8	+01:50:47	300	0	3.0	#89 Ae/Be Star	4	
0054.COMP	5	3:01	05:24:44.8	+01:50:47	300	0	3.0	#89 Ae/Be Star	4	
0055.HIP25980	8	3:01	05:32:41.3	-01:35:31	300	0	3.0	#89 Ae/Be Star	4	
0056.HIP25980	8	3:02	05:32:41.3	-01:35:31	300	0	3.0	#89 Ae/Be Star	4	
0057.HIP25980	8	3:03	05:32:41.3	-01:35:31	300	0	3.0	#89 Ae/Be Star	4	
0058.COMP	5	3:03	05:32:41.3	-01:35:31	300	0	3.0	#89 Ae/Be Star	4	
0059.HIP26063	8	3:04	05:33:31.4	-01:09:21	300	0	3.0	#89 Ae/Be Star	4	
0060.HIP26063	8	3:04	05:33:31.4	-01:09:21	300	0	3.0	#89 Ae/Be Star	4	
0061.HIP26063	8	3:05	05:33:31.4	-01:09:21	300	0	3.0	#89 Ae/Be Star	4	
0062.COMP	5	3:05	05:33:31.4	-01:09:21	300	0	3.0	#89 Ae/Be Star	4	
0063.HIP26885	8	3:06	05:42:28.6	+01:28:28	300	0	3.0	#89 Ae/Be Star	4	
0064.HIP26885	8	3:07	05:42:28.6	+01:28:28	300	0	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
0065.HIP26885	8	3:08	05:42:28.6	+01:28:28	300	0	3.0	#89 Ae/Be Star	4	
0066.COMP	5	3:08	05:42:28.6	+01:28:28	300	0	3.0	#89 Ae/Be Star	4	
0067.HD13738	30	3:20	02:15:28	52:30:40	300	90	3.0	#115 PMS NGC68	4	
0068.HD13738	60	3:21	02:15:28	52:30:40	300	90	3.0	#115 PMS NGC68	4	
0069.COMP	5	3:22	02:15:28	52:30:40	300	90	3.0	#115 PMS NGC68	4	
0070.HD14372	60	3:23	02:20:41	47:18:39	300	90	3.0	#115 PMS NGC68	4	
0071.HD14372	60	3:24	02:20:41	47:18:39	300	90	3.0	#115 PMS NGC68	4	
0072.COMP	5	3:26	02:20:41	47:18:39	300	90	3.0	#115 PMS NGC68	4	
0073.HD16160	60	3:27	02:35:58	06:52:00	300	90	3.0	#115 PMS NGC68	4	
0074.HD16160	90	3:28	02:35:58	06:52:00	300	90	3.0	#115 PMS NGC68	4	
0075.COMP	5	3:30	02:35:58	06:52:00	300	90	3.0	#115 PMS NGC68	4	
0076.HD20791	60	3:31	03:21:05	03:40:32	300	90	3.0	#115 PMS NGC68	4	
0077.HD20791	60	3:32	03:21:05	03:40:32	300	90	3.0	#115 PMS NGC68	4	
0078.COMP	5	3:34	03:21:05	03:40:32	300	90	3.0	#115 PMS NGC68	4	
0079.HD26965	30	3:35	04:15:23	-07:36:19	300	90	3.0	#115 PMS NGC68	4	
0080.HD26965	30	3:35	04:15:23	-07:36:19	300	90	3.0	#115 PMS NGC68	4	
0081.COMP	5	3:36	04:15:23	-07:36:19	300	90	3.0	#115 PMS NGC68	4	
0082.HD16908	60	3:38	02:43:27	27:42:26	300	90	3.0	#115 PMS NGC68	4	
0083.HD16908	30	3:39	02:43:27	27:42:26	300	90	3.0	#115 PMS NGC68	4	
0084.COMP	5	3:40	02:43:27	27:42:26	300	90	3.0	#115 PMS NGC68	4	

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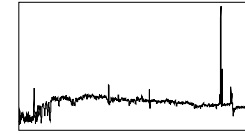
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0085.HD16895	25	3:41	02:44:10	49:13:47	300	90	3.0	#115 PMS NGC68	4	
0086.HD16895	20	3:41	02:44:10	49:13:47	300	90	3.0	#115 PMS NGC68	4	
0087.COMP	5	3:42	02:44:10	49:13:47	300	90	3.0	#115 PMS NGC68	4	
0088.HD17709	15	3:43	02:51:30	35:03:38	300	90	3.0	#115 PMS NGC68	4	
0089.HD17709	10	3:44	02:51:30	35:03:38	300	90	3.0	#115 PMS NGC68	4	
0090.COMP	5	3:44	02:51:30	35:03:38	300	90	3.0	#115 PMS NGC68	4	
0091.HD19807	30	3:45	03:12:30	37:09:04	300	90	3.0	#115 PMS NGC68	4	
0092.HD19807	100	3:45	03:12:30	37:09:04	300	90	3.0	#115 PMS NGC68	4	
0093.COMP	5	3:47	03:12:30	37:09:04	300	90	3.0	#115 PMS NGC68	4	
0094.HD21071	30	3:48	03:25:57	49:07:16	300	90	3.0	#115 PMS NGC68	4	
0095.HD21071	15	3:49	03:25:57	49:07:16	300	90	3.0	#115 PMS NGC68	4	
0096.COMP	5	3:49	03:25:57	49:07:16	300	90	3.0	#115 PMS NGC68	4	
0097.HD21447	15	3:50	03:30:00	55:27:07	300	90	3.0	#115 PMS NGC68	4	
0098.HD21447	10	3:51	03:30:00	55:27:07	300	90	3.0	#115 PMS NGC68	4	
0099.COMP	5	3:51	03:30:00	55:27:07	300	90	3.0	#115 PMS NGC68	4	
0100.HD22951	10	3:52	03:42:22	33:57:54	300	90	3.0	#115 PMS NGC68	4	
0101.HD22951	10	3:53	03:42:22	33:57:54	300	90	3.0	#115 PMS NGC68	4	
0102.COMP	5	3:53	03:42:22	33:57:54	300	90	3.0	#115 PMS NGC68	4	
0103.HD23585	30	3:54	03:47:03	23:59:44	300	90	3.0	#115 PMS NGC68	4	
0104.HD23585	90	3:55	03:47:03	23:59:44	300	90	3.0	#115 PMS NGC68	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0105.COMP	5	3:56	03:47:03	23:59:44	300	90	3.0	#115 PMS NGC68	4	
0106.HD23873	30	3:57	03:49:21	24:22:52	300	90	3.0	#115 PMS NGC68	4	
0107.HD23873	30	3:58	03:49:21	24:22:52	300	90	3.0	#115 PMS NGC68	4	
0108.COMP	5	3:59	03:49:21	24:22:52	300	90	3.0	#115 PMS NGC68	4	
0109.HD23886	90	3:59	03:49:25	24:14:54	300	90	3.0	#115 PMS NGC68	4	
0110.HD23886	100	4:01	03:49:25	24:14:54	300	90	3.0	#115 PMS NGC68	4	
0111.COMP	5	4:03	03:49:25	24:14:54	300	90	3.0	#115 PMS NGC68	4	
0112.HD23948	45	4:03	03:49:56	24:20:58	300	90	3.0	#115 PMS NGC68	4	
0113.HD23948	120	4:04	03:49:56	24:20:58	300	90	3.0	#115 PMS NGC68	4	
0114.COMP	5	4:07	03:49:56	24:20:58	300	90	3.0	#115 PMS NGC68	4	
0115.HD24131	30	4:07	03:51:53	34:21:32	300	90	3.0	#115 PMS NGC68	4	
0116.HD24131	30	4:08	03:51:53	34:21:32	300	90	3.0	#115 PMS NGC68	4	
0117.COMP	5	4:09	03:51:53	34:21:32	300	90	3.0	#115 PMS NGC68	4	
0118.HD26015	30	4:10	04:07:41	15:09:46	300	90	3.0	#115 PMS NGC68	4	
0119.HD26015	60	4:11	04:07:41	15:09:46	300	90	3.0	#115 PMS NGC68	4	
0120.COMP	5	4:12	04:07:41	15:09:46	300	90	3.0	#115 PMS NGC68	4	
0121.HD27383	60	4:13	04:19:54	16:31:22	300	90	3.0	#115 PMS NGC68	4	
0122.HD27383	120	4:14	04:19:54	16:31:22	300	90	3.0	#115 PMS NGC68	4	
0123.COMP	5	4:16	04:19:54	16:31:22	300	90	3.0	#115 PMS NGC68	4	
0124.HD27534	60	4:17	04:21:31	18:25:05	300	90	3.0	#115 PMS NGC68	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0125.HD27534	120	4:18	04:21:31	18:25:05	300	90	3.0	#115 PMS NGC68	4	
0126.COMP	5	4:20	04:21:31	18:25:05	300	90	3.0	#115 PMS NGC68	4	
0127.HD27697	10	4:21	04:22:55	17:32:34	300	90	3.0	#115 PMS NGC68	4	
0128.HD27697	15	4:21	04:22:55	17:32:34	300	90	3.0	#115 PMS NGC68	4	
0129.COMP	5	4:22	04:22:55	17:32:34	300	90	3.0	#115 PMS NGC68	4	
0130.HD27836	150	4:22	04:24:12	14:45:30	300	90	3.0	#115 PMS NGC68	4	
0131.HD27836	180	4:25	04:24:12	14:45:30	300	90	3.0	#115 PMS NGC68	4	
0132.COMP	5	4:28	04:24:12	14:45:30	300	90	3.0	#115 PMS NGC68	4	
0133.HD27808	240	4:29	04:24:14	21:44:12	300	90	3.0	#115 PMS NGC68	4	
0134.HD27808	240	4:33	04:24:14	21:44:12	300	90	3.0	#115 PMS NGC68	4	
0135.COMP	5	4:38	04:24:14	21:44:12	300	90	3.0	#115 PMS NGC68	4	
0136.HD28305	60	4:39	04:28:36	19:10:51	300	90	3.0	#115 PMS NGC68	4	
0137.HD28305	60	4:40	04:28:36	19:10:51	300	90	3.0	#115 PMS NGC68	4	
0138.COMP	5	4:41	04:28:36	19:10:51	300	90	3.0	#115 PMS NGC68	4	
0139.HD34078	90	4:42	05:16:17	34:18:41	300	90	3.0	#115 PMS NGC68	4	
0140.HD34078	180	4:44	05:16:17	34:18:41	300	90	3.0	#115 PMS NGC68	4	
0141.COMP	5	4:47	05:16:17	34:18:41	300	90	3.0	#115 PMS NGC68	4	
0142.HD35620	120	4:49	05:27:38	34:28:34	300	90	3.0	#115 PMS NGC68	4	
0143.HD35620	120	4:51	05:27:38	34:28:34	300	90	3.0	#115 PMS NGC68	4	
0144.COMP	5	4:53	05:27:38	34:28:34	300	90	3.0	#115 PMS NGC68	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0145.HD36134	180	4:55	05:29:22	-03:26:46	300	90	3.0	#115 PMS NGC68	4	
0146.HD36134	300	4:59	05:29:22	-03:26:46	300	90	3.0	#115 PMS NGC68	4	
0147.COMP	5	5:04	05:29:22	-03:26:46	300	90	3.0	#115 PMS NGC68	4	
0148.HD36389	90	5:05	05:32:12	18:35:39	300	90	3.0	#115 PMS NGC68	4	
0149.HD36389	45	5:08	05:32:12	18:35:39	300	90	3.0	#115 PMS NGC68	4	
0150.COMP	5	5:09	05:32:12	18:35:39	300	90	3.0	#115 PMS NGC68	4	
0151.HD35601	120	5:10	05:27:10	29:55:15	300	90	3.0	#115 PMS NGC68	4	
0152.HD35601	150	5:12	05:27:10	29:55:15	300	90	3.0	#115 PMS NGC68	4	
0153.COMP	5	5:15	05:27:10	29:55:15	300	90	3.0	#115 PMS NGC68	4	
0154.HD232979	420	5:16	04:37:39	52:54:01	300	90	3.0	#115 PMS NGC68	4	
0155.COMP	5	5:23	04:37:39	52:54:01	300	90	3.0	#115 PMS NGC68	4	
0156.HD28099	600	5:25	04:26:39	16:44:49	300	90	3.0	#115 PMS NGC68	4	
0157.COMP	5	5:39	04:26:39	16:44:49	300	90	3.0	#115 PMS NGC68	4	
0158.HD36395	360	5:40	05:31:24	-03:38:54	300	90	3.0	#115 PMS NGC68	4	
0159.COMP	5	5:46	05:31:24	-03:38:54	300	90	3.0	#115 PMS NGC68	4	
0160.HD36936	360	5:47	05:34:58	-04:21:14	300	90	3.0	#115 PMS NGC68	4	
0161.COMP	5	5:53	05:34:58	-04:21:14	300	90	3.0	#115 PMS NGC68	4	
0162.HD37016	360	5:53	05:35:21	-04:25:29	300	90	3.0	#115 PMS NGC68	4	
0163.COMP	5	6:00	05:35:21	-04:25:29	300	90	3.0	#115 PMS NGC68	4	
0164.HD37468	90	6:00	05:38:44	-02:36:00	300	90	3.0	#115 PMS NGC68	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0165.HD37468	60	6:02	05:38:44	-02:36:00	300	90	3.0	#115 PMS NGC68	4	
0166.COMP	5	6:04	05:38:44	-02:36:00	300	90	3.0	#115 PMS NGC68	4	
0167.HD39045	60	6:05	05:51:25	32:07:28	300	90	3.0	#115 PMS NGC68	4	
0168.HD39045	60	6:06	05:51:25	32:07:28	300	90	3.0	#115 PMS NGC68	4	
0169.COMP	5	6:07	05:51:25	32:07:28	300	90	3.0	#115 PMS NGC68	4	
0170.HD39587	5	6:08	05:54:23	20:16:38	300	90	3.0	#115 PMS NGC68	4	
0171.HD39587	15	6:09	05:54:23	20:16:38	300	90	3.0	#115 PMS NGC68	4	
0172.COMP	5	6:09	05:54:23	20:16:38	300	90	3.0	#115 PMS NGC68	4	
0173.HD41161	15	6:11	06:05:48	48:14:49	300	90	3.0	#115 PMS NGC68	4	
0174.HD41161	20	6:11	06:05:48	48:14:49	300	90	3.0	#115 PMS NGC68	4	
0175.COMP	5	6:12	06:05:48	48:14:49	300	90	3.0	#115 PMS NGC68	4	
0176.HD46149	60	6:13	06:31:55	05:01:51	300	90	3.0	#115 PMS NGC68	4	
0177.HD46149	180	6:14	06:31:55	05:01:51	300	90	3.0	#115 PMS NGC68	4	
0178.COMP	5	6:18	06:31:55	05:01:51	300	90	3.0	#115 PMS NGC68	4	
0179.HD50281	480	6:21	06:52:19	-05:11:23	300	90	3.0	#115 PMS NGC68	4	
0180.COMP	5	6:30	06:52:19	-05:11:23	300	90	3.0	#115 PMS NGC68	4	
0181.HD54895	60	6:31	07:13:22	51:25:42	300	90	3.0	#115 PMS NGC68	4	
0182.HD54895	30	6:33	07:13:22	51:25:42	300	90	3.0	#115 PMS NGC68	4	
0183.COMP	5	6:33	07:13:22	51:25:42	300	90	3.0	#115 PMS NGC68	4	
0184.HD56537	15	6:35	07:18:05	16:32:27	300	90	3.0	#115 PMS NGC68	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0185.HD56537	15	6:35	07:18:05	16:32:27	300	90	3.0	#115 PMS NGC68	4	
0186.COMP	5	6:36	07:18:05	16:32:27	300	90	3.0	#115 PMS NGC68	4	
0187.HD60522	15	6:36	07:35:55	26:53:49	300	90	3.0	#115 PMS NGC68	4	
0188.HD60522	15	6:37	07:35:55	26:53:49	300	90	3.0	#115 PMS NGC68	4	
0189.COMP	5	6:38	07:35:55	26:53:49	300	90	3.0	#115 PMS NGC68	4	
0190.HD70272	15	6:38	08:22:50	43:11:22	300	90	3.0	#115 PMS NGC68	4	
0191.HD70272	15	6:39	08:22:50	43:11:22	300	90	3.0	#115 PMS NGC68	4	
0192.COMP	5	6:39	08:22:50	43:11:22	300	90	3.0	#115 PMS NGC68	4	
0193.HD71155	15	6:41	08:25:39	-03:54:21	300	90	3.0	#115 PMS NGC68	4	
0194.HD71155	15	6:41	08:25:39	-03:54:21	300	90	3.0	#115 PMS NGC68	4	
0195.COMP	5	6:42	08:25:39	-03:54:21	300	90	3.0	#115 PMS NGC68	4	
0196.HD42088	120	6:47	06:09:41	20:29:40	300	90	3.0	#115 PMS NGC68	4	
0197.HD42088	180	6:49	06:09:41	20:29:40	300	90	3.0	#115 PMS NGC68	4	
0198.COMP	5	6:52	06:09:41	20:29:40	300	90	3.0	#115 PMS NGC68	4	
0199.HD76830	60	6:53	08:59:10	18:08:08	300	90	3.0	#115 PMS NGC68	4	
0200.HD76830	30	6:54	08:59:10	18:08:08	300	90	3.0	#115 PMS NGC68	4	
0201.COMP	5	6:55	08:59:10	18:08:08	300	90	3.0	#115 PMS NGC68	4	
0202.HD88230	30	6:56	10:11:29	49:27:40	300	90	3.0	#115 PMS NGC68	4	
0203.HD88230	60	6:57	10:11:29	49:27:40	300	90	3.0	#115 PMS NGC68	4	
0204.COMP	5	6:58	10:11:29	49:27:40	300	90	3.0	#115 PMS NGC68	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0205.HD237903	120	6:59	10:30:26	55:59:58	300	90	3.0	#115 PMS NGC68	4	
0206.HD237903	180	7:01	10:30:26	55:59:58	300	90	3.0	#115 PMS NGC68	4	
0207.COMP	5	7:05	10:30:26	55:59:58	300	90	3.0	#115 PMS NGC68	4	
0208.HD101501	30	7:07	11:41:02	34:12:24	300	90	3.0	#115 PMS NGC68	4	
0209.HD101501	60	7:07	11:41:02	34:12:24	300	90	3.0	#115 PMS NGC68	4	
0210.COMP	5	7:09	11:41:02	34:12:24	300	90	3.0	#115 PMS NGC68	4	
0211.HD94705	30	7:10	10:56:01	06:11:07	300	90	3.0	#115 PMS NGC68	4	
0212.HD94705	60	7:10	10:56:01	06:11:07	300	90	3.0	#115 PMS NGC68	4	
0213.COMP	5	7:12	10:56:01	06:11:07	300	90	3.0	#115 PMS NGC68	4	
0214.HD87696	60	7:15	10:07:25	35:14:40	300	90	3.0	#115 PMS NGC68	4	
0215.HD87696	60	7:17	10:07:25	35:14:40	300	90	3.0	#115 PMS NGC68	4	
0216.COMP	5	7:19	10:07:25	35:14:40	300	90	3.0	#115 PMS NGC68	4	
0217.Feige34	300	8:31	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	4	sucker hole
0218.Feige34	300	8:36	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	4	
0219.COMP	5	8:42	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	4	
0220.N3227	240	9:31	10:23:30.6	+19:51:54	300	57	3.0	#6 AGN Monitor	4	sucker hole
0221.N3227	240	9:35	10:23:30.6	+19:51:54	300	57	3.0	#6 AGN Monitor	4	
0222.COMP	5	9:39	10:23:30.6	+19:51:54	300	57	3.0	#6 AGN Monitor	4	
0223.MRK421	360	9:41	11:04:27.4	+38:12:32	300	100	3.0	#133 MRK421	4	
0224.MRK421	360	9:47	11:04:27.4	+38:12:32	300	100	3.0	#133 MRK421	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0225.MRK421	360	9:53	11:04:27.4	+38:12:32	300	100	3.0	#133 MRK421	4	
0226.COMP	5	9:59	11:04:27.4	+38:12:32	300	100	3.0	#133 MRK421	4	
0227.comas_030	600	11:22	12:58:58.1	27:35:41	300	100	3.0	#64f Cluster I	4	clearing
0228.COMP	5	11:32	12:58:58.1	27:35:41	300	100	3.0	#64f Cluster I	4	
0229.comas_031	330	11:33	12:59:15.2	27:58:14	300	100	3.0	#64f Cluster I	4	
0230.COMP	5	11:39	12:59:15.2	27:58:14	300	100	3.0	#64f Cluster I	4	
0231.comas_032	240	11:39	12:59:19.9	28:05:03	300	100	3.0	#64f Cluster I	4	
0232.COMP	5	11:43	12:59:19.9	28:05:03	300	100	3.0	#64f Cluster I	4	
0233.comas_033	300	11:44	12:59:30.8	27:53:03	300	100	3.0	#64f Cluster I	4	
0234.COMP	5	11:49	12:59:30.8	27:53:03	300	100	3.0	#64f Cluster I	4	
0235.comas_034	300	11:50	12:59:31.4	28:02:47	300	100	3.0	#64f Cluster I	4	
0236.COMP	5	11:55	12:59:31.4	28:02:47	300	100	3.0	#64f Cluster I	4	
0237.comas_035	360	11:56	12:59:46.8	27:58:26	300	100	3.0	#64f Cluster I	4	coma central
0238.COMP	5	12:02	12:59:46.8	27:58:26	300	100	3.0	#64f Cluster I	4	
0239.comas_036	300	12:08	12:59:47.4	21:48:47	300	100	3.0	#64f Cluster I	4	
0240.COMP	5	12:13	12:59:47.4	21:48:47	300	100	3.0	#64f Cluster I	4	
0241.comas_037	420	12:14	13:00:02.1	33:26:15	300	100	3.0	#64f Cluster I	4	
0242.COMP	5	12:21	13:00:02.1	33:26:15	300	100	3.0	#64f Cluster I	4	
0243.comas_038	360	12:22	13:00:06.5	29:27:45	300	100	3.0	#64f Cluster I	4	
0244.COMP	5	12:28	13:00:06.5	29:27:45	300	100	3.0	#64f Cluster I	4	

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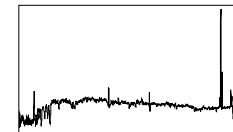
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0245.comas_039	720	12:29	13:00:35.7	27:34:26	300	100	3.0	#64f Cluster I	4	
0246.COMP	5	12:41	13:00:35.7	27:34:26	300	100	3.0	#64f Cluster I	4	
0247.comas_040	300	12:42	13:02:18.3	32:53:25	300	100	3.0	#64f Cluster I	4	
0248.COMP	5	12:47	13:02:18.3	32:53:25	300	100	3.0	#64f Cluster I	4	
0249.comas_041	300	12:48	13:02:54.4	23:39:25	300	100	3.0	#64f Cluster I	4	
0250.COMP	5	12:53	13:02:54.4	23:39:25	300	100	3.0	#64f Cluster I	4	
0251.BDp332642	60	12:54	15:50:03	33:05:49	300	100	3.0	#56 Spectropho	4	
0252.BDp332642	60	12:55	15:50:03	33:05:49	300	100	3.0	#56 Spectropho	4	
0253.COMP	5	12:56	15:50:03	33:05:49	300	100	3.0	#56 Spectropho	4	
0254.BIAS	0	12:58	15:50:03	33:05:49	300	100	3.0	#133 MRK421	4	a few thin clouds @ dawn
0255-0263.BIAS	0	12:59	15:50:03	33:05:49	300	100	3.0	#133 MRK421	4	
0264-0273.FLAT	8	13:02	15:50:03	33:05:49	300	100	3.0	#133 MRK421	4	
0274-0283.BIAS	0	13:04	15:50:03	33:05:49	300	100	3.0	#133 MRK421	2	
0284-0293.FLAT	16	13:09	15:50:03	33:05:49	300	100	3.0	#133 MRK421	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.DARK	900	1:06	03:44:21.0	31:30:00	300	100	3.0	#133 MRK421	4	
0002.DARK	900	1:21	03:59:32.0	31:30:02	300	100	3.0	#133 MRK421	4	
0003.DARK	900	1:36	04:14:39.0	31:30:04	300	100	3.0	#133 MRK421	4	
0004.DARK	900	1:51	04:29:50.0	31:30:07	300	100	3.0	#133 MRK421	4	
0005.DARK	900	2:06	04:44:57.0	31:30:09	300	100	3.0	#133 MRK421	4	
0006.DARK	900	2:21	05:00:08.0	31:30:12	300	100	3.0	#133 MRK421	4	
0007.DARK	900	2:36	05:15:19.0	31:30:14	300	100	3.0	#133 MRK421	4	
0008.DARK	900	2:51	05:30:26.0	31:30:17	300	100	3.0	#133 MRK421	4	
0009.DARK	900	3:07	05:45:37.0	31:30:19	300	100	3.0	#133 MRK421	4	
0010.DARK	900	3:22	06:00:44.0	31:30:22	300	100	3.0	#133 MRK421	4	
0011-0020.BIAS	0	10:26	12:50:44.0	31:31:15	300	100	3.0	#133 MRK421	4	
0021-0030.FLAT	6	10:28	12:53:34.0	31:31:15	300	100	3.0	#133 MRK421	4	
0031-0040.BIAS	0	10:31	12:56:44.0	31:31:15	300	100	3.0	#133 MRK421	2	
0041-0050.FLAT	12	10:37	13:02:41.0	31:31:15	300	100	3.0	#133 MRK421	2	
0051.Feige34	300	10:53	10:36:41.2	43:21:50	300	100	3.0	#56 Spectropho	2	
0052.COMP	12	10:58	10:36:41.2	43:21:50	300	100	3.0	#56 Spectropho	2	
0053.Feige34	480	10:59	10:36:41.2	43:21:50	300	95	3.0	#56 Spectropho	2	
0054.COMP	12	11:08	10:36:41.2	43:21:50	300	95	3.0	#56 Spectropho	2	
0055.MRK421	1200	11:12	11:04:27.4	+38:12:32	300	89	3.0	#133 MRK421	2	
0056.COMP	12	11:23	11:04:27.4	+38:12:32	300	89	3.0	#133 MRK421	2	

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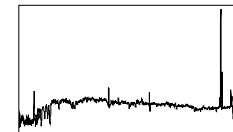
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0057.MRK421	600	11:24	11:04:27.4	+38:12:32	300	89	3.0	#133 MRK421	2	
0058.COMP	12	11:34	11:04:27.4	+38:12:32	300	89	3.0	#133 MRK421	2	
0059.MRK421	600	11:35	11:04:27.4	+38:12:32	300	89	3.0	#133 MRK421	2	
0060.COMP	12	11:45	11:04:27.4	+38:12:32	300	89	3.0	#133 MRK421	2	
0061.sn2002aw	1200	11:51	16:37:29.0	40:52:50	300	82	3.0	#2 SN Observat	2	
0062.COMP	12	12:11	16:37:29.0	40:52:50	300	82	3.0	#2 SN Observat	2	
0063.sn2002aw	1200	12:12	16:37:29.0	40:52:50	300	82	3.0	#2 SN Observat	2	
0064.COMP	12	12:32	16:37:29.0	40:52:50	300	82	3.0	#2 SN Observat	2	
0065.N4051	240	12:35	12:03:09.7	+44:31:53	300	82	3.0	#6 AGN Monitor	2	
0066.N4051	240	12:39	12:03:09.7	+44:31:53	300	82	3.0	#6 AGN Monitor	2	
0067.N4051	240	12:44	12:03:09.7	+44:31:53	300	82	3.0	#6 AGN Monitor	2	
0068.COMP	12	12:48	12:03:09.7	+44:31:53	300	82	3.0	#6 AGN Monitor	2	
0069.N4151	45	12:49	12:10:32.6	+39:24:21	300	82	3.0	#6 AGN Monitor	2	
0070.N4151	45	12:50	12:10:32.6	+39:24:21	300	82	3.0	#6 AGN Monitor	2	
0071.N4151	45	12:51	12:10:32.6	+39:24:21	300	82	3.0	#6 AGN Monitor	2	
0072.COMP	12	12:52	12:10:32.6	+39:24:21	300	82	3.0	#6 AGN Monitor	2	
0073.N5548	120	12:54	14:17:59.6	+25:08:12	300	82	3.0	#6 AGN Monitor	2	
0074.N5548	120	12:56	14:17:59.6	+25:08:12	300	82	3.0	#6 AGN Monitor	2	
0075.N5548	120	12:59	14:17:59.6	+25:08:12	300	82	3.0	#6 AGN Monitor	2	
0076.COMP	12	13:01	14:17:59.6	+25:08:12	300	82	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>Bin</i>	<i>Comments</i>
0077-0086.BIAS	0	13:24	16:37:29.0	+40:52:50	300	90	3.0	#2 SN Observat	4	
0087-0096.FLAT	6	13:26	16:37:29.0	+40:52:50	300	90	3.0	#2 SN Observat	4	
0097-0106.BIAS	0	13:29	16:37:29.0	+40:52:50	300	90	3.0	#2 SN Observat	2	
0107-0116.FLAT	12	13:33	16:37:29.0	+40:52:50	300	90	3.0	#2 SN Observat	2	
0117-0126.DARK	900	15:52	16:37:29.0	+40:52:50	300	90	3.0	#2 SN Observat	2	

UT Date 2002-02-18 Observers M CalkinsColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	1:45	16:37:29.0	+40:52:50	300	90	3.0	#2 SN Observat	4	
0011-0020.BIAS	0	2:02	16:37:29.0	+40:52:50	300	90	3.0	#2 SN Observat	4	
0021-0030.FLAT	6	2:47	16:37:29.0	+40:52:50	300	90	3.0	#2 SN Observat	4	
0031-0040.BIAS	0	2:49	16:37:29.0	+40:52:50	300	90	3.0	#2 SN Observat	2	
0041.FLAT	12	2:50	16:37:29.0	+40:52:50	300	90	3.0	#2 SN Observat	2	overcast at sunset
0042-0050.FLAT	12	2:54	16:37:29.0	+40:52:50	300	90	3.0	#2 SN Observat	2	
0051.Hiltner600	120	6:54	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	4	
0052.Hiltner600	120	6:56	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	4	
0053.COMP	5	6:59	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	4	
0054.Hiltner600	120	7:02	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	2	
0055.COMP	12	7:05	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	2	
0056.Hiltner600	240	7:07	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	2	
0057.COMP	12	7:12	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	2	wait out some more clouds
0058.BDp332642	50	12:14	15:50:03	33:05:49	300	89	3.0	#56 Spectropho	2	
0059.BDp332642	50	12:15	15:50:03	33:05:49	300	89	3.0	#56 Spectropho	2	
0060.COMP	12	12:16	15:50:03	33:05:49	300	89	3.0	#56 Spectropho	2	
0061.sn2002aw	1200	12:23	16:37:29.0	+40:52:50	300	74	3.0	#2 SN Observat	2	
0062.COMP	12	12:44	16:37:29.0	+40:52:50	300	74	3.0	#2 SN Observat	2	
0063-0072.BIAS	0	12:49	16:37:29.0	+40:52:50	300	90	3.0	#2 SN Observat	4	
0073-0082.FLAT	6	12:53	16:37:29.0	+40:52:50	300	90	3.0	#2 SN Observat	4	



UT Date 2002-02-18 Observers M Calkins

Coll. Focus 1000 Grating/Grism 300

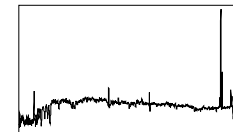
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0083-0092.BIAS	0	12:56	16:37:29.0	+40:52:50	300	90	3.0	#2 SN Observat	2	
0093-0102.FLAT	12	13:00	16:37:29.0	+40:52:50	300	90	3.0	#2 SN Observat	2	
0103-0112.DARK	900	15:18	16:37:29.0	+40:52:50	300	90	3.0	#2 SN Observat	2	

UT Date 2002-02-19 Observers M CalkinsColl. Focus 1000 Grating/Grism 600

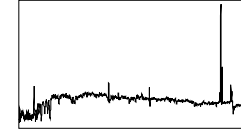
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	2:22	16:37:29.0	+40:52:50	600	90	2.0	#88f Mass Func	2	
0011-0020.BIAS	0	2:40	16:37:29.0	+40:52:50	600	90	2.0	#88f Mass Func	2	
0021.FLAT	35	2:41	16:37:29.0	+40:52:50	600	90	2.0	#88f Mass Func	2	fog at sunset
0022-0030.FLAT	35	2:48	16:37:29.0	+40:52:50	600	90	2.0	#88f Mass Func	2	
0031.Hiltner600	210	5:04	06:42:37.2	02:11:25	600	20	2.0	#56 Spectropho	2	clearing
0032.Hiltner600	210	5:07	06:42:37.2	02:11:25	600	20	2.0	#56 Spectropho	2	
0033.COMP	30	5:11	06:42:37.2	02:11:25	600	20	2.0	#56 Spectropho	2	
0034.MF7136	450	5:14	10:25:47.6	+26:34:14	600	110	2.0	#88 Mass Funct	2	
0035.MF7136	450	5:22	10:25:47.6	+26:34:14	600	110	2.0	#88 Mass Funct	2	
0036.COMP	30	5:30	10:25:47.6	+26:34:14	600	110	2.0	#88 Mass Funct	2	
0037.MF2724	450	5:35	07:25:14.1	+42:01:6	600	-43	2.0	#88 Mass Funct	2	
0038.MF2724	450	5:43	07:25:14.1	+42:01:6	600	-43	2.0	#88 Mass Funct	2	
0039.COMP	30	5:51	07:25:14.1	+42:01:6	600	-43	2.0	#88 Mass Funct	2	
0040.COMP	30	5:53	09:46:08.3	+54:36:52	600	-43	2.0	#88 Mass Funct	2	
0041.MF7055	900	5:54	09:46:08.3	+54:36:52	600	69	2.0	#88 Mass Funct	2	
0042.MF7055	900	6:10	09:46:08.3	+54:36:52	600	69	2.0	#88 Mass Funct	2	
0043.MF7055	900	6:25	09:46:08.3	+54:36:52	600	69	2.0	#88 Mass Funct	2	
0044.COMP	30	6:40	09:46:08.3	+54:36:52	600	69	2.0	#88 Mass Funct	2	
0045.MF4035	450	6:42	10:22:37.3	+38:34:44	600	50	2.0	#88 Mass Funct	2	
0046.MF4035	450	6:50	10:22:37.3	+38:34:44	600	50	2.0	#88 Mass Funct	2	

UT Date 2002-02-19 Observers M CalkinsColl. Focus 1000 Grating/Grism 600

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0047.COMP	30	6:58	10:22:37.3	+38:34:44	600	50	2.0	#88 Mass Funct	2	
0048.COMP	30	7:05	09:09:41.7	+37:36:5	600	50	2.0	#88 Mass Funct	2	
0049.MF4023	900	7:06	09:09:41.7	+37:36:5	600	66	2.0	#88 Mass Funct	2	
0050.MF4023	900	7:21	09:09:41.7	+37:36:5	600	66	2.0	#88 Mass Funct	2	
0051.MF4023	900	7:36	09:09:41.7	+37:36:5	600	66	2.0	#88 Mass Funct	2	
0052.COMP	30	7:52	09:09:41.7	+37:36:5	600	66	2.0	#88 Mass Funct	2	
0053.MF7080	450	7:54	09:51:19.8	+57:56:27	600	95	2.0	#88 Mass Funct	2	
0054.MF7080	450	8:02	09:51:19.8	+57:56:27	600	95	2.0	#88 Mass Funct	2	
0055.COMP	30	8:10	09:51:19.8	+57:56:27	600	95	2.0	#88 Mass Funct	2	
0056.MF0008	450	8:14	11:11:23.7	+26:57:42	600	-22	2.0	#88 Mass Funct	2	
0057.MF0008	450	8:21	11:11:23.7	+26:57:42	600	-22	2.0	#88 Mass Funct	2	
0058.COMP	30	8:30	11:11:23.7	+26:57:42	600	-22	2.0	#88 Mass Funct	2	
0059.MF4025	450	8:37	09:04:43.4	+42:19:13	600	-15	2.0	#88 Mass Funct	2	
0060.MF4025	450	8:45	09:04:43.4	+42:19:13	600	-15	2.0	#88 Mass Funct	2	
0061.COMP	30	8:53	09:04:43.4	+42:19:13	600	-15	2.0	#88 Mass Funct	2	
0062.Feige34	90	8:56	10:36:41.2	43:21:50	600	-42	2.0	#56 Spectropho	2	
0063.Feige34	90	8:58	10:36:41.2	43:21:50	600	-42	2.0	#56 Spectropho	2	
0064.COMP	30	9:00	10:36:41.2	43:21:50	600	-42	2.0	#56 Spectropho	2	
0065.COMP	30	9:03	13:03:14.6	+07:48:4	600	-42	2.0	#88 Mass Funct	2	
0066.MF7096	900	9:04	13:03:14.6	+07:48:4	600	11	2.0	#88 Mass Funct	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0067.MF7096	900	9:20	13:03:14.6	+07:48:4	600	11	2.0	#88 Mass Funct	2	
0068.MF7096	900	9:35	13:03:14.6	+07:48:4	600	11	2.0	#88 Mass Funct	2	
0069.COMP	30	9:50	13:03:14.6	+07:48:4	600	11	2.0	#88 Mass Funct	2	
0070.COMP	30	9:54	12:24:11.3	+58:21:38	600	11	2.0	#88 Mass Funct	2	
0071.MF7105	900	9:55	12:24:11.3	+58:21:38	600	43	2.0	#88 Mass Funct	2	
0072.MF7105	900	10:10	12:24:11.3	+58:21:38	600	43	2.0	#88 Mass Funct	2	
0073.MF7105	900	10:25	12:24:11.3	+58:21:38	600	43	2.0	#88 Mass Funct	2	
0074.COMP	30	10:40	12:24:11.3	+58:21:38	600	43	2.0	#88 Mass Funct	2	
0075.COMP	30	10:43	10:12:29.2	+12:22:38	600	43	2.0	#88 Mass Funct	2	
0076.MF7148	900	10:44	10:12:29.2	+12:22:38	600	55	2.0	#88 Mass Funct	2	
0077.MF7148	900	10:59	10:12:29.2	+12:22:38	600	55	2.0	#88 Mass Funct	2	
0078.MF7148	900	11:14	10:12:29.2	+12:22:38	600	55	2.0	#88 Mass Funct	2	
0079.COMP	30	11:30	10:12:29.2	+12:22:38	600	55	2.0	#88 Mass Funct	2	
0080.COMP	30	11:32	12:26:19.8	+26:50:18	600	55	2.0	#88 Mass Funct	2	
0081.MF7130	900	11:33	12:26:19.8	+26:50:18	600	70	2.0	#88 Mass Funct	2	
0082.MF7130	900	11:48	12:26:19.8	+26:50:18	600	70	2.0	#88 Mass Funct	2	
0083.MF7130	900	12:03	12:26:19.8	+26:50:18	600	70	2.0	#88 Mass Funct	2	
0084.COMP	30	12:19	12:26:19.8	+26:50:18	600	70	2.0	#88 Mass Funct	2	
0085.COMP	30	12:24	12:53:14.5	+04:27:48	600	75	2.0	#88 Mass Funct	2	
0086.MF7079	900	12:25	12:53:14.5	+04:27:48	600	75	2.0	#88 Mass Funct	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>
0087.MF7079	900	12:40	12:53:14.5	+04:27:48	600	75	2.0	#88 Mass Funct	2	
0088.MF7079	900	12:55	12:53:14.5	+04:27:48	600	75	2.0	#88 Mass Funct	2	
0089.COMP	30	13:11	12:53:14.5	+04:27:48	600	75	2.0	#88 Mass Funct	2	
0090.BDp332642	120	13:14	15:50:03	33:05:49	600	41	2.0	#56 Spectropho	2	
0091.BDp332642	120	13:16	15:50:03	33:05:49	600	41	2.0	#56 Spectropho	2	
0092.COMP	30	13:19	15:50:03	33:05:49	600	41	2.0	#56 Spectropho	2	
0093-0097.sky	2	13:59	15:50:03	33:05:49	600	41	2.0	#57 Velocity S	2	
0098.COMP	30	13:59	15:50:03	33:05:49	600	41	2.0	#88f Mass Func	2	
0099-0108.BIAS	0	14:02	15:50:03	33:05:49	600	41	2.0	#88f Mass Func	2	
0109-0118.FLAT	35	14:10	15:50:03	33:05:49	600	41	2.0	#88f Mass Func	2	
0119-0128.DARK	900	16:31	15:50:03	33:05:49	600	41	2.0	#88f Mass Func	2	

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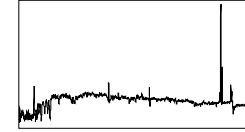
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0008.DARK	900	1:04	15:50:03	33:05:49	300	90	3.0	none	4	
0009-0018.BIAS	0	1:20	15:50:03	33:05:49	300	90	3.0	none	4	
0019-0028.FLAT	6	1:24	15:50:03	33:05:49	300	90	3.0	none	4	
0029-0038.BIAS	0	1:27	15:50:03	33:05:49	300	90	3.0	none	2	
0039-0048.FLAT	12	1:31	15:50:03	33:05:49	300	90	3.0	none	2	
0049-0056.sky	2	1:37	15:50:03	33:05:49	300	90	3.0	#57 Velocity S	4	
0058.COMP	5	1:37	15:50:03	33:05:49	300	90	3.0	#57 Velocity S	4	
0059.Hiltner600	60	1:54	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	4	
0060.Hiltner600	60	1:55	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	4	
0061.COMP	5	1:57	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	4	
0062.Hiltner600	60	1:58	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	2	
0063.Hiltner600	60	1:59	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	2	
0064.COMP	12	2:00	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	2	
0065.Hiltner600	60	2:02	06:42:37.2	02:11:25	300	31	3.0	#56 Spectropho	2	
0066.Hiltner600	60	2:04	06:42:37.2	02:11:25	300	31	3.0	#56 Spectropho	2	
0067.COMP	12	2:05	06:42:37.2	02:11:25	300	31	3.0	#56 Spectropho	2	
0068.NGC1700	240	2:07	04:56:58.1	-04:52:22	300	90	3.0	#57 Velocity S	2	
0069.COMP	12	2:12	04:56:58.1	-04:52:22	300	90	3.0	#57 Velocity S	2	
0070.sn2002ap	360	2:15	01:36:23.8	+15:45:13	300	61	3.0	#2 SN Observat	2	
0071.sn2002ap	360	2:21	01:36:23.8	+15:45:13	300	61	3.0	#2 SN Observat	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0072.COMP	12	2:28	01:36:23.8	+15:45:13	300	61	3.0	#2 SN Observat	2	
0073.Akn120	180	2:30	05:13:38.0	-00:12:15	300	90	3.0	#6 AGN Monitor	2	
0074.COMP	12	2:34	05:13:38.0	-00:12:15	300	90	3.0	#6 AGN Monitor	2	
0075.BGGem	300	2:36	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0076.COMP	12	2:42	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0077.BGGem	1200	2:44	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0078.COMP	12	3:05	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0079.FSVSJ071436	1200	3:08	07:14:36.0	23:01:23	300	97	3.0	#131 FSVS	2	
0080.COMP	12	3:29	07:14:36.0	23:01:23	300	97	3.0	#131 FSVS	2	
0081.FLAT	45	3:37	07:14:36.0	23:01:23	600	90	2.0	#10 M67 stars	2	600L 2arcsec tilt=430 binby2
0082-0090.FLAT	45	3:45	07:14:36.0	23:01:23	600	90	2.0	#10 M67 stars	2	
0091.Hiltner600	120	3:50	06:42:37.2	02:11:25	600	-8	2.0	#56 Spectropho	2	
0092.COMP	30	3:53	06:42:37.2	02:11:25	600	-8	2.0	#56 Spectropho	2	
0093.m67_6488	360	3:59	8:51:23.7	11:49:49	600	-52	2.0	#10 M67 stars	2	
0094.COMP	30	4:06	8:51:23.7	11:49:49	600	-52	2.0	#10 M67 stars	2	
0095.m67_6172	600	4:09	8:51:50.6	11:36:33	600	-51	2.0	#10 M67 stars	2	
0096.m67_6172	600	4:19	8:51:50.6	11:36:33	600	-51	2.0	#10 M67 stars	2	
0097.COMP	30	4:30	8:51:50.6	11:36:33	600	-51	2.0	#10 M67 stars	2	
0098.m67_6484	360	4:33	8:51:07.8	11:48:09	600	-46	2.0	#10 M67 stars	2	
0099.COMP	30	4:39	8:51:07.8	11:48:09	600	-46	2.0	#10 M67 stars	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0100.HD87141	2	4:42	10:01:17.7	+54:08:04	600	70	2.0	#10 M67 stars	2	
0101.HD87141	2	4:43	10:01:17.7	+54:08:04	600	70	2.0	#10 M67 stars	2	
0102.HD87141	2	4:43	10:01:17.7	+54:08:04	600	70	2.0	#10 M67 stars	2	
0103.COMP	30	4:43	10:01:17.7	+54:08:04	600	70	2.0	#10 M67 stars	2	
0104.m67_6134	600	4:48	8:51:46.4	11:46:26	600	-43	2.0	#10 M67 stars	2	
0105.m67_6134	600	4:58	8:51:46.4	11:46:26	600	-43	2.0	#10 M67 stars	2	
0106.COMP	30	5:08	8:51:46.4	11:46:26	600	-43	2.0	#10 M67 stars	2	
0107.m67_6484	360	5:12	8:51:07.8	11:48:09	600	-33	2.0	#10 M67 stars	2	
0108.COMP	30	5:18	8:51:07.8	11:48:09	600	-33	2.0	#10 M67 stars	2	
0109.m67_5741	600	5:23	8:51:22.9	11:49:12	600	-24	2.0	#10 M67 stars	2	
0110.m67_5741	600	5:33	8:51:22.9	11:49:12	600	-24	2.0	#10 M67 stars	2	
0111.COMP	30	5:43	8:51:22.9	11:49:12	600	-24	2.0	#10 M67 stars	2	
0112.m67_6502	360	5:47	8:51:42.3	11:50:07	600	-16	2.0	#10 M67 stars	2	
0113.COMP	30	5:53	8:51:42.3	11:50:07	600	-16	2.0	#10 M67 stars	2	
0114.m67_5795	600	6:00	8:51:25.5	11:52:38	600	-9	2.0	#10 M67 stars	2	
0115.m67_5795	600	6:10	8:51:25.5	11:52:38	600	-9	2.0	#10 M67 stars	2	
0116.COMP	30	6:21	8:51:25.5	11:52:38	600	-9	2.0	#10 M67 stars	2	
0117.HD89010	2	6:24	10:13:46.3	+23:45:46	600	-61	2.0	#10 M67 stars	2	
0118.HD89010	2	6:24	10:13:46.3	+23:45:46	600	-61	2.0	#10 M67 stars	2	
0119.HD89010	2	6:24	10:13:46.3	+23:45:46	600	-61	2.0	#10 M67 stars	2	

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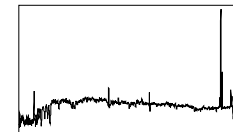
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0120.COMP	30	6:25	10:13:46.3	+23:45:46	600	-61	2.0	#10 M67 stars	2	
0121.m67_6477	480	6:28	8:50:55.7	11:52:14	600	7	2.0	#10 M67 stars	2	
0122.COMP	30	6:36	8:50:55.7	11:52:14	600	7	2.0	#10 M67 stars	2	
0123.m67_5342	600	6:38	8:50:59.2	11:56:36	600	14	2.0	#10 M67 stars	2	
0124.m67_5342	600	6:48	8:50:59.2	11:56:36	600	14	2.0	#10 M67 stars	2	
0125.COMP	30	6:59	8:50:59.2	11:56:36	600	14	2.0	#10 M67 stars	2	
0126.m67_5877	480	7:01	8:51:30.4	11:48:57	600	26	2.0	#10 M67 stars	2	
0127.COMP	30	7:10	8:51:30.4	11:48:57	600	26	2.0	#10 M67 stars	2	
0128.Feige34	240	7:12	10:36:41.2	43:21:50	600	46	2.0	#56 Spectropho	2	
0129.COMP	30	7:17	10:36:41.2	43:21:50	600	46	2.0	#56 Spectropho	2	
0130.FLAT	40	7:20	10:36:41.2	43:21:50	600	90	2.0	#122 Halo Star	4	binby4
0131-0139.FLAT	40	7:27	10:36:41.2	43:21:50	600	90	2.0	#122 Halo Star	4	
0140.Feige34	120	7:30	10:36:41.2	43:21:50	600	90	2.0	#122 Halo Star	4	
0141.COMP	10	7:32	10:36:41.2	43:21:50	600	90	2.0	#122 Halo Star	4	
0142.hs756	1200	7:33	10:23:17.6	29:36:54	600	90	2.0	#122 Halo Star	4	try again....
0143.COMP	10	7:57	10:23:17.6	29:36:54	600	90	2.0	#122 Halo Star	4	
0144.hs756	1200	7:58	10:23:17.6	29:36:54	600	90	2.0	#122 Halo Star	4	
0145.COMP	30	8:19	10:23:17.6	29:36:54	600	90	2.0	#122 Halo Star	4	
0146.hs757	1200	8:20	10:23:59.8	29:10:19	600	90	2.0	#122 Halo Star	4	
0147.COMP	10	8:40	10:23:59.8	29:10:19	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
0148.hs758	1200	8:41	10:24:07.1	28:52:00	600	90	2.0	#122 Halo Star	4	
0149.COMP	10	9:01	10:24:07.1	28:52:00	600	90	2.0	#122 Halo Star	4	
0150.hs759	830	9:03	10:24:09.3	29:26:59	600	90	2.0	#122 Halo Star	4	
0151.COMP	10	9:17	10:24:09.3	29:26:59	600	90	2.0	#122 Halo Star	4	
0152.hs760	150	9:18	10:24:27.9	28:21:32	600	90	2.0	#122 Halo Star	4	
0153.COMP	10	9:21	10:24:27.9	28:21:32	600	90	2.0	#122 Halo Star	4	
0154.hs761	830	9:22	10:25:21.0	28:35:39	600	90	2.0	#122 Halo Star	4	
0155.COMP	10	9:36	10:25:21.0	28:35:39	600	90	2.0	#122 Halo Star	4	
0156.hs762	480	9:37	10:25:33.6	29:23:33	600	90	2.0	#122 Halo Star	4	
0157.COMP	10	9:45	10:25:33.6	29:23:33	600	90	2.0	#122 Halo Star	4	
0158.hs763	830	9:46	10:26:25.2	27:45:18	600	90	2.0	#122 Halo Star	4	
0159.COMP	10	10:00	10:26:25.2	27:45:18	600	90	2.0	#122 Halo Star	4	
0160.hs764	90	10:01	10:27:38.1	27:48:04	600	90	2.0	#122 Halo Star	4	
0161.COMP	10	10:03	10:27:38.1	27:48:04	600	90	2.0	#122 Halo Star	4	
0162.hs765	1200	10:04	10:28:23.5	29:23:22	600	90	2.0	#122 Halo Star	4	
0163.COMP	10	10:24	10:28:23.5	29:23:22	600	90	2.0	#122 Halo Star	4	
0164.hs766	1200	10:25	10:31:50.8	29:15:11	600	97	2.0	#122 Halo Star	4	rotate to isolate
0165.COMP	10	10:46	10:31:50.8	29:15:11	600	97	2.0	#122 Halo Star	4	
0166.hs767	1200	10:47	10:33:09.6	29:03:15	600	85	2.0	#122 Halo Star	4	
0167.COMP	10	11:07	10:33:09.6	29:03:15	600	85	2.0	#122 Halo Star	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0168.hs768	720	11:08	10:33:30.5	28:19:09	600	90	2.0	#122 Halo Star	4	
0169.COMP	10	11:21	10:33:30.5	28:19:09	600	90	2.0	#122 Halo Star	4	
0170.hs769	600	11:22	10:33:48.4	28:09:01	600	90	2.0	#122 Halo Star	4	
0171.COMP	10	11:32	10:33:48.4	28:09:01	600	90	2.0	#122 Halo Star	4	
0172.hs770	1200	11:33	10:35:17.2	29:20:08	600	90	2.0	#122 Halo Star	4	
0173.COMP	10	11:54	10:35:17.2	29:20:08	600	90	2.0	#122 Halo Star	4	
0174.HZ44	240	11:55	13:21:19.0	36:23:39	600	90	2.0	#122 Halo Star	4	
0175.COMP	10	12:00	13:21:19.0	36:23:39	600	90	2.0	#122 Halo Star	4	
0176.MRK421	300	12:04	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421	4	normal setup
0177.MRK421	300	12:09	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421	4	
0178.MRK421	300	12:14	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421	4	
0179.COMP	5	12:20	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421	4	
0180.sn2002aw	1200	12:22	16:37:29.0	+40:52:50	300	72	3.0	#2 SN Observat	2	
0181.COMP	12	12:43	16:37:29.0	+40:52:50	300	72	3.0	#2 SN Observat	2	
0182.2MJ1637292p405248	360	12:44	16:37:29.0	+40:52:50	300	72	3.0	#68 2MASS	2	
0183.COMP	12	12:50	16:37:29.0	+40:52:50	300	72	3.0	#68 2MASS	2	
0184.FSVSJ162548	900	12:53	16:25:48.8	26:46:59	300	90	3.0	#131 FSVS	2	
0185.COMP	12	13:08	16:25:48.8	26:46:59	300	90	3.0	#131 FSVS	2	
0186.BDp332642	60	13:10	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	2	
0187.BDp332642	60	13:11	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	2	

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0188.COMP	12	13:12	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	2	
0189.BDp332642	60	13:14	15:50:03	33:05:49	300	20	3.0	#56 Spectropho	2	
0190.BDp332642	60	13:15	15:50:03	33:05:49	300	20	3.0	#56 Spectropho	2	
0191.COMP	12	13:16	15:50:03	33:05:49	300	20	3.0	#56 Spectropho	2	
0192-0201.BIAS	0	13:22	15:50:03	33:05:49	300	20	3.0	#56 Spectropho	4	
0202-0211.FLAT	6	13:25	15:50:03	33:05:49	300	20	3.0	#56 Spectropho	4	
0212-0221.BIAS	0	13:27	15:50:03	33:05:49	300	20	3.0	#56 Spectropho	2	
0222-0231.FLAT	12	13:39	15:50:03	33:05:49	300	20	3.0	#56 Spectropho	2	
0232-0241.DARK	900	15:58	15:50:03	33:05:49	300	20	3.0	#56 Spectropho	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.BIAS	0	3:42	06:21:26.0	31:30:26	300	0	3.0	#2 SN Observat	4	big problems with ccd binning
0002-0010.BIAS	0	3:43	06:22:31.0	31:30:26	300	0	3.0	#2 SN Observat	4	
0011.FLAT	8	3:43	06:23:19.0	31:30:26	300	0	3.0	#2 SN Observat	4	plus early problems with collimator focus
0012-0014.FLAT	8	3:44	06:24:02.0	31:30:26	300	0	3.0	#2 SN Observat	4	
0015-0020.FLAT	8	3:46	06:25:33.0	31:30:27	300	0	3.0	#2 SN Observat	4	
0021.BIAS	0	3:46	06:26:03.0	31:30:27	300	0	3.0	#2 SN Observat	2	these flats and bias frames look ok
0022-0030.BIAS	0	3:48	06:27:57.0	31:30:27	300	0	3.0	#2 SN Observat	2	
0031-0032.FLAT	16	3:49	06:29:19.0	31:30:27	300	0	3.0	#2 SN Observat	2	
0033-0040.FLAT	16	3:53	06:33:09.0	31:30:28	300	0	3.0	#2 SN Observat	2	
0041.Hiltner600	60	3:57	06:42:37.2	02:11:25	300	0	3.0	#56 Spectropho	2	
0042.Hiltner600	60	3:58	06:42:37.2	02:11:25	300	0	3.0	#56 Spectropho	2	
0043.COMP	10	4:00	06:42:37.2	02:11:25	300	0	3.0	#56 Spectropho	2	
0044.vso-74771	720	4:02	05:56:18.9	00:39:14	300	0	3.0	112 Orion PMS	2	
0045.COMP	10	4:14	05:56:18.9	00:39:14	300	0	3.0	112 Orion PMS	2	
0046.vso-75190	720	4:16	05:56:40.3	00:42:43	300	0	3.0	112 Orion PMS	2	
0047.COMP	10	4:28	05:56:40.3	00:42:43	300	0	3.0	112 Orion PMS	2	
0048.vso-75371	720	4:29	05:56:48.9	00:37:09	300	0	3.0	112 Orion PMS	2	
0049.COMP	10	4:41	05:56:48.9	00:37:09	300	0	3.0	112 Orion PMS	2	
0050.vso-76155	720	4:42	05:57:30.1	00:43:10	300	0	3.0	112 Orion PMS	2	
0051.COMP	10	4:54	05:57:30.1	00:43:10	300	0	3.0	112 Orion PMS	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0052.vso-78209	720	4:55	05:59:01.7	00:52:00	300	0	3.0	112 Orion PMS	2	
0053.COMP	10	5:08	05:59:01.7	00:52:00	300	0	3.0	112 Orion PMS	2	
0054.vso-79148	720	5:09	05:59:46.1	00:22:56	300	0	3.0	112 Orion PMS	2	
0055.COMP	10	5:21	05:59:46.1	00:22:56	300	0	3.0	112 Orion PMS	2	
0056.Hiltner600	60	5:22	06:42:37.2	02:11:25	300	30	3.0	#56 Spectropho	2	
0057.Hiltner600	60	5:24	06:42:37.2	02:11:25	300	30	3.0	#56 Spectropho	2	
0058.Hiltner600	60	5:25	06:42:37.2	02:11:25	300	30	3.0	#56 Spectropho	2	
0059.COMP	10	5:26	06:42:37.2	02:11:25	300	30	3.0	#56 Spectropho	2	
0060.sn2002an	1200	5:29	08:22:47.7	+24:17:41	300	30	3.0	#2 SN Observat	2	
0061.COMP	10	5:49	08:22:47.7	+24:17:41	300	30	3.0	#2 SN Observat	2	
0062.Feige34	120	5:51	10:36:41.2	43:21:50	300	100	3.0	#56 Spectropho	2	
0063.Feige34	120	5:53	10:36:41.2	43:21:50	300	100	3.0	#56 Spectropho	2	
0064.COMP	10	5:55	10:36:41.2	43:21:50	300	100	3.0	#56 Spectropho	2	
0065.BIAS	0	6:00	8:45:00	32:00:00	600	90	2.0	#122 Halo Star	4	600-line, 2-sec slit
0066.FLAT	40	6:00	8:45:00	32:00:00	600	90	2.0	#122 Halo Star	4	this is not binby4
0067-0085.FLAT	40	6:15	8:45:00	32:00:00	600	90	2.0	#122 Halo Star	4	
0086.hs771	240	6:28	10:35:18.4	28:06:14	600	90	2.0	#122 Halo Star	4	
0087.COMP	10	6:32	10:35:18.4	28:06:14	600	90	2.0	#122 Halo Star	4	
0088.hs772	1200	6:33	10:36:57.5	28:58:03	600	90	2.0	#122 Halo Star	4	
0089.COMP	10	6:53	10:36:57.5	28:58:03	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
0090.hs773	1200	6:54	10:37:41.9	29:18:22	600	90	2.0	#122 Halo Star	4	
0091.COMP	10	7:15	10:37:41.9	29:18:22	600	90	2.0	#122 Halo Star	4	
0092.test	5	7:15	10:37:41.9	29:18:22	600	90	2.0	#122 Halo Star	4	binning tests
0093.test	5	7:16	10:37:41.9	29:18:22	600	90	2.0	#122 Halo Star	2	
0094.test	5	7:16	10:37:41.9	29:18:22	600	90	2.0	#122 Halo Star	4	
0095.test	5	7:17	10:37:41.9	29:18:22	600	90	2.0	#122 Halo Star	1	
0096.test	5	7:18	10:37:41.9	29:18:22	600	90	2.0	#122 Halo Star	4	
0097.test	5	7:19	10:37:41.9	29:18:22	600	90	2.0	#122 Halo Star	2	
0098.test	5	7:20	10:37:41.9	29:18:22	600	90	2.0	#122 Halo Star	4	only binby2 is working correctly
0099.test	5	7:22	10:38:54.0	29:18:26	600	90	2.0	#122 Halo Star	4	
0100.test	5	7:22	10:39:24.0	29:18:26	600	90	2.0	#122 Halo Star	2	
0101.test	16	7:23	10:40:20.0	29:18:26	600	90	2.0	#122 Halo Star	2	
0102.test	80	7:24	10:42:22.0	29:18:27	600	90	2.0	#122 Halo Star	2	
0103.Feige34	120	7:27	10:36:41.2	43:21:50	600	90	2.0	#122 Halo Star	2	
0104.Feige34	120	7:31	10:36:41.2	43:21:50	600	90	2.0	#122 Halo Star	2	
0105.Feige34	120	7:33	10:36:41.2	43:21:50	600	90	2.0	#122 Halo Star	2	
0106.COMP	20	7:36	10:36:41.2	43:21:50	600	90	2.0	#122 Halo Star	2	
0107.test	5	7:39	10:35:18.4	28:06:14	600	90	2.0	#122 Halo Star	4	
0108.hs771	180	7:40	10:35:18.4	28:06:14	600	90	2.0	#122 Halo Star	2	
0109.COMP	20	7:43	10:35:18.4	28:06:14	600	90	2.0	#122 Halo Star	2	star mixed with comp

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0110.hs774	1200	7:44	10:38:35.0	28:53:51	600	90	2.0	#122 Halo Star	2	
0111.COMP	10	8:05	10:38:35.0	28:53:51	600	90	2.0	#122 Halo Star	2	
0112.hs775	1200	8:06	10:38:37.7	29:15:40	600	90	2.0	#122 Halo Star	2	
0113.COMP	20	8:27	10:38:37.7	29:15:40	600	90	2.0	#122 Halo Star	2	
0114.hs776	1200	8:28	10:39:29.8	29:21:10	600	90	2.0	#122 Halo Star	2	windy
0115.COMP	20	8:49	10:39:29.8	29:21:10	600	90	2.0	#122 Halo Star	2	
0116.hs777	1200	8:50	10:39:37.0	29:40:07	600	90	2.0	#122 Halo Star	2	
0117.COMP	20	9:10	10:39:37.0	29:40:07	600	90	2.0	#122 Halo Star	2	
0118.hs784	1200	9:11	10:46:56.3	29:25:54	600	90	2.0	#122 Halo Star	2	
0119.COMP	20	9:32	10:46:56.3	29:25:54	600	90	2.0	#122 Halo Star	2	
0120.hs785	1200	9:33	10:47:55.6	29:43:50	600	90	2.0	#122 Halo Star	2	
0121.COMP	20	9:54	10:47:55.6	29:43:50	600	90	2.0	#122 Halo Star	2	
0122.hs788	1200	9:55	10:54:02.0	29:13:07	600	90	2.0	#122 Halo Star	2	
0123.COMP	20	10:16	10:54:02.0	29:13:07	600	90	2.0	#122 Halo Star	2	
0124.hs795	1200	10:17	10:59:40.6	29:08:24	600	90	2.0	#122 Halo Star	2	
0125.COMP	20	10:37	10:59:40.6	29:08:24	600	90	2.0	#122 Halo Star	2	
0126.hs799	1200	10:38	11:05:36.9	29:27:34	600	90	2.0	#122 Halo Star	2	
0127.COMP	20	10:59	11:05:36.9	29:27:34	600	90	2.0	#122 Halo Star	2	
0128.hs800	1200	11:00	11:06:50.4	29:35:32	600	90	2.0	#122 Halo Star	2	
0129.COMP	20	11:20	11:06:50.4	29:35:32	600	90	2.0	#122 Halo Star	2	

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0130.hs802	1200	11:21	11:10:28.1	28:36:08	600	90	2.0	#122 Halo Star	2	strong winds
0131.COMP	20	11:42	11:10:28.1	28:36:08	600	90	2.0	#122 Halo Star	2	
0132.hs803	600	11:43	11:12:27.0	27:51:19	600	90	2.0	#122 Halo Star	2	
0133.COMP	20	11:55	11:12:27.0	27:51:19	600	90	2.0	#122 Halo Star	2	
0134.hs804	1200	11:57	11:14:54.6	28:57:28	600	90	2.0	#122 Halo Star	2	
0135.COMP	20	12:17	11:14:54.6	28:57:28	600	90	2.0	#122 Halo Star	2	
0136.hs805	1200	12:18	11:15:15.4	29:23:56	600	90	2.0	#122 Halo Star	2	
0137.COMP	20	12:38	11:15:15.4	29:23:56	600	90	2.0	#122 Halo Star	2	
0138-0147.BIAS	0	12:43	11:15:15.4	29:23:56	600	90	2.0	#122 Halo Star	2	
0148-0167.FLAT	80	13:13	11:15:15.4	29:23:56	600	90	2.0	#122 Halo Star	2	
0168.test	5	13:15	11:15:15.4	29:23:56	600	90	2.0	#122 Halo Star	4	