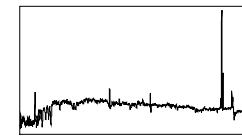
UT Date 2014-04-02 Observers S WillisColl. Focus 1330 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	01:11	18:14:34.0	+20:59:19	300	90	3.0	0 Calibration	2	
0011-0025.FLAT	7	01:17	18:14:34.0	+20:59:19	300	90	3.0	0 Calibration	2	
0026.G191B2B	300	02:26	05:05:30.6	+52:49:52	300	90	3.0	#56 Spectropho	2	
0027.COMP	10	02:32	05:05:30.6	+52:49:52	300	90	3.0	0 Calibration	2	
0028.Hiltner600	90	02:37	06:45:13.4	+02:08:15	300	90	3.0	#56 Spectropho	2	
0029.COMP	10	02:39	06:45:13.4	+02:08:15	300	90	3.0	0 Calibration	2	
0030.IRAS08579+3447	600	02:43	09:01:05.8	+34:35:25	300	0	3.0	#199 Optical n	2	
0031.IRAS08579+3447	600	02:54	09:01:05.8	+34:35:25	300	0	3.0	#199 Optical n	2	
0032.IRAS08579+3447	600	03:05	09:01:05.8	+34:35:25	300	0	3.0	#199 Optical n	2	
0033.COMP	10	03:16	09:01:05.8	+34:35:25	300	0	3.0	0 Calibration	2	
0034.sn2014ai	1200	03:21	09:19:44.2	+33:45:50	300	89	3.0	#2 SN Observat	2	
0035.COMP	10	03:42	09:19:44.2	+33:45:50	300	89	3.0	0 Calibration	2	
0036.sn2014J	1200	03:45	09:55:42.1	+69:40:26	300	89	3.0	#2 SN Observat	2	
0037.sn2014J	1200	04:05	09:55:42.1	+69:40:26	300	89	3.0	#2 SN Observat	2	
0038.COMP	10	04:27	09:55:42.1	+69:40:26	300	89	3.0	0 Calibration	2	
0039.Asteroid.Erigone.163	180	04:32	10:05:10.6	+12:51:03	300	89	3.0	#173 Small Sol	2	
0040.Asteroid.Erigone.163	180	04:35	10:05:10.6	+12:51:03	300	89	3.0	#173 Small Sol	2	
0041.Asteroid.Erigone.163	180	04:38	10:05:10.6	+12:51:03	300	89	3.0	#173 Small Sol	2	
0042.COMP	10	04:42	10:05:10.6	+12:51:03	300	89	3.0	0 Calibration	2	
0043.SA102m370	30	04:45	10:56:33.8	-01:10:41	300	89	3.0	#173 Small Sol	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0044.COMP	10	04:46	10:56:33.8	-01:10:41	300	89	3.0	0 Calibration	2	
0045.sn2013ge	1800	04:50	10:34:48.5	+21:39:42	300	89	3.0	#2 SN Observat	2	
0046.COMP	10	05:21	10:34:48.5	+21:39:42	300	89	3.0	0 Calibration	2	
0047.psnJ1145	1200	05:25	11:45:03.6	+19:58:25	300	0	3.0	#2 SN Observat	2	
0048.COMP	10	05:46	11:45:03.6	+19:58:25	300	0	3.0	0 Calibration	2	
0049.sn14ad	1200	05:53	11:57:44.4	-10:10:16	300	89	3.0	#2 SN Observat	2	
0050.COMP	10	06:14	11:57:44.4	-10:10:16	300	89	3.0	0 Calibration	2	
0051.sn2014L	1800	06:18	12:18:48.7	+14:24:44	300	89	3.0	#2 SN Observat	2	
0052.COMP	10	06:49	12:18:48.7	+14:24:44	300	89	3.0	0 Calibration	2	
0053.NGC4625	600	06:54	12:41:52.7	+41:16:26	300	0	3.0	#199 Optical n	2	
0054.NGC4625	600	07:04	12:41:52.7	+41:16:26	300	0	3.0	#199 Optical n	2	
0055.NGC4625	600	07:14	12:41:52.7	+41:16:26	300	0	3.0	#199 Optical n	2	
0056.COMP	10	07:25	12:41:52.7	+41:16:26	300	0	3.0	0 Calibration	2	
0057.SDSSJ1522p3913	1800	07:29	15:22:38.8	+39:13:52	300	89	3.0	#192 DASCH Lon	2	
0058.SDSSJ1522p3913	1800	08:04	15:22:38.8	+39:13:52	300	89	3.0	#192 DASCH Lon	2	
0059.HD109011	10	08:37	12:31:18.0	+55:07:07	300	89	3.0	#192 DASCH Lon	2	
0060.COMP	10	08:45	12:31:18.0	+55:07:07	300	89	3.0	0 Calibration	2	
0062.BIAS	0	09:04	14:22:26.0	+31:34:36	300	90	3.0	0 Calibration	2	
0063.COMP	10	09:05	14:22:26.0	+31:34:36	300	90	3.0	0 Calibration	2	
0064.HD109011	20	09:12	12:31:18.0	+55:07:07	300	90	3.0	#192 DASCH Lon	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0065.HD109011	20	09:13	12:31:18.0	+55:07:07	300	90	3.0	#192 DASCH Lon	2	
0066.HD109011	20	09:14	12:31:18.0	+55:07:07	300	90	3.0	#192 DASCH Lon	2	
0067.COMP	10	09:15	12:31:18.0	+55:07:07	300	90	3.0	0 Calibration	2	
0068.SDSSJ1522p3913	1800	09:17	15:22:38.8	+39:13:52	300	90	3.0	#192 DASCH Lon	2	
0069.COMP	10	09:48	15:22:38.8	+39:13:52	300	90	3.0	0 Calibration	2	
0070.HD124752	20	09:51	14:12:25.0	+67:35:10	300	90	3.0	#192 DASCH Lon	2	
0071.HD124752	20	09:52	14:12:25.0	+67:35:10	300	90	3.0	#192 DASCH Lon	2	
0072.HD124752	20	09:53	14:12:25.0	+67:35:10	300	90	3.0	#192 DASCH Lon	2	
0073.COMP	10	09:54	14:12:25.0	+67:35:10	300	90	3.0	0 Calibration	2	
0074.HD124752b	120	09:55	14:12:25.0	+67:35:10	300	90	3.0	#192 DASCH Lon	2	
0075.HD124752b	240	09:58	14:12:25.0	+67:35:10	300	90	3.0	#192 DASCH Lon	2	
0076.HD124752b	240	10:02	14:12:25.0	+67:35:10	300	90	3.0	#192 DASCH Lon	2	
0077.HD124752b	240	10:07	14:12:25.0	+67:35:10	300	90	3.0	#192 DASCH Lon	2	
0078.COMP	10	10:12	14:12:25.0	+67:35:10	300	90	3.0	0 Calibration	2	
0079.HD128165	10	10:13	14:33:29.0	+52:54:18	300	90	3.0	#192 DASCH Lon	2	
0080.HD128165	10	10:14	14:33:29.0	+52:54:18	300	90	3.0	#192 DASCH Lon	2	
0081.HD128165	10	10:14	14:33:29.0	+52:54:18	300	90	3.0	#192 DASCH Lon	2	
0082.COMP	10	10:15	14:33:29.0	+52:54:18	300	90	3.0	0 Calibration	2	
0083.IRAS16052+5334	600	10:18	16:06:33.0	+53:26:32	300	90	3.0	#199 Optical n	2	
0084.IRAS16052+5334	600	10:29	16:06:33.0	+53:26:32	300	90	3.0	#199 Optical n	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0085.IRAS16052+5334	600	10:40	16:06:33.0	+53:26:32	300	90	3.0	#199 Optical n	2	
0086.COMP	10	10:50	16:06:33.0	+53:26:32	300	90	3.0	0 Calibration	2	
0087.A00183.2	300	10:53	15:12:18.5	+27:50:41	300	90	3.0	#216 Local Com	2	
0088.A00183.2	600	10:59	15:12:18.5	+27:50:41	300	90	3.0	#216 Local Com	2	
0089.COMP	10	11:19	15:12:18.5	+27:50:41	300	90	3.0	0 Calibration	2	
0090.SDSSJ1522p3913	1800	11:21	15:22:38.8	+39:13:52	300	90	3.0	#192 DASCH Lon	2	
0091.COMP	10	11:53	15:22:38.8	+39:13:52	300	90	3.0	0 Calibration	2	
0092.BFCyg	15	11:56	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0093.BFCyg	10	11:57	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0094.BFCyg	10	11:58	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0095.COMP	10	11:59	19:23:53.0	+29:40:27	300	90	3.0	0 Calibration	2	
0096.CICyg	15	12:02	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0097.CICyg	5	12:03	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0098.CICyg	5	12:04	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0099.CICyg	5	12:05	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0100.CICyg	5	12:05	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0101.COMP	10	12:06	19:50:12.0	+35:41:02	300	90	3.0	0 Calibration	2	
0102-0111.BIAS	0	12:11	19:50:12.0	+35:41:02	300	90	3.0	0 Calibration	2	
0112-0126.FLAT	7	12:17	19:50:12.0	+35:41:02	300	90	3.0	0 Calibration	2	
0127-0131.DARK	1200	13:49	19:50:12.0	+35:41:02	300	90	3.0	0 Calibration	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.BIAS	0	19:52	19:50:12.0	+35:41:02	300	90	3.0	0 Calibration	1	
0002.COMP	10	19:53	19:50:12.0	+35:41:02	300	90	3.0	0 Calibration	1	
0003.COMP	10	19:59	19:50:12.0	+35:41:02	300	90	3.0	0 Calibration	1	
0004.COMP	5	20:01	19:50:12.0	+35:41:02	300	90	3.0	0 Calibration	2	
0005-0014.BIAS	0	01:08	19:50:12.0	+35:41:02	300	90	3.0	0 Calibration	2	
0015-0029.FLAT	7	01:13	19:50:12.0	+35:41:02	300	90	3.0	0 Calibration	2	
0030.G191B2B	300	02:41	05:05:30.6	+52:49:52	300	90	3.0	#56 Spectropho	2	
0031.COMP	10	02:47	05:05:30.6	+52:49:52	300	90	3.0	0 Calibration	2	
0032.Hiltner600	90	02:51	06:45:13.4	+02:08:15	300	90	3.0	#56 Spectropho	2	
0033.COMP	10	02:53	06:45:13.4	+02:08:15	300	90	3.0	0 Calibration	2	
0034.A00499.2	1800	02:57	09:43:56.2	-02:36:32	300	90	3.0	#216 Local Com	2	
0035.COMP	10	03:28	09:43:56.2	-02:36:32	300	90	3.0	0 Calibration	2	
0036.sn2014ai	1200	03:31	09:19:44.2	+33:45:50	300	90	3.0	#2 SN Observat	2	
0037.COMP	10	03:52	09:19:44.2	+33:45:50	300	90	3.0	0 Calibration	2	
0038.sn2014J	1200	03:55	09:55:42.1	+69:40:26	300	90	3.0	#2 SN Observat	2	
0039.sn2014J	1200	04:15	09:55:42.1	+69:40:26	300	90	3.0	#2 SN Observat	2	
0040.COMP	10	04:36	09:55:42.1	+69:40:26	300	90	3.0	0 Calibration	2	
0041.A01390.4	1800	04:39	10:15:23.2	+60:08:32	300	90	3.0	#216 Local Com	2	
0042.COMP	10	05:10	10:15:23.2	+60:08:32	300	90	3.0	0 Calibration	2	
0043.A00441.1	1800	05:18	10:34:03.0	+61:37:19	300	90	3.0	#216 Local Com	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0044.COMP	10	05:53	10:34:03.0	+61:37:19	300	90	3.0	0 Calibration	2	
0045.TXCVn	30	06:05	12:44:42.0	+36:45:48	300	90	3.0	#12 Symbiotic	2	
0046.TXCVn	60	06:07	12:44:42.0	+36:45:48	300	90	3.0	#12 Symbiotic	2	
0047.TXCVn	60	06:10	12:44:42.0	+36:45:48	300	90	3.0	#12 Symbiotic	2	
0048.TXCVn	60	06:12	12:44:42.0	+36:45:48	300	90	3.0	#12 Symbiotic	2	
0049.TXCVn	60	06:13	12:44:42.0	+36:45:48	300	90	3.0	#12 Symbiotic	2	
0050.TXCVn	60	06:15	12:44:42.0	+36:45:48	300	90	3.0	#12 Symbiotic	2	
0051.TXCVn	60	06:16	12:44:42.0	+36:45:48	300	90	3.0	#12 Symbiotic	2	
0052.TXCVn	60	06:17	12:44:42.0	+36:45:48	300	90	3.0	#12 Symbiotic	2	
0053.TXCVn	120	06:19	12:44:42.0	+36:45:48	300	90	3.0	#12 Symbiotic	2	
0054.TXCVn	120	06:22	12:44:42.0	+36:45:48	300	90	3.0	#12 Symbiotic	2	
0055.TXCVn	120	06:24	12:44:42.0	+36:45:48	300	90	3.0	#12 Symbiotic	2	
0056.TXCVn	120	06:26	12:44:42.0	+36:45:48	300	90	3.0	#12 Symbiotic	2	
0057.TXCVn	120	06:28	12:44:42.0	+36:45:48	300	90	3.0	#12 Symbiotic	2	
0058.TXCVn	120	06:30	12:44:42.0	+36:45:48	300	90	3.0	#12 Symbiotic	2	
0059.COMP	10	06:35	12:44:42.0	+36:45:48	300	90	3.0	0 Calibration	2	
0060.psnJ1145	1800	06:40	11:45:03.6	+19:58:25	300	1	3.0	#2 SN Observat	2	
0061.COMP	10	07:11	11:45:03.6	+19:58:25	300	1	3.0	0 Calibration	2	
0062.sn14ad	1800	07:16	11:57:44.4	-10:10:16	300	90	3.0	#2 SN Observat	2	
0063.COMP	10	07:47	11:57:44.4	-10:10:16	300	90	3.0	0 Calibration	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0064.SDSSJ1522p3913	1800	09:49	15:22:38.8	+39:13:52	300	90	3.0	#192 DASCH Lon	2	
0065.COMP	10	10:21	15:22:38.8	+39:13:52	300	90	3.0	0 Calibration	2	
0066.A00183.2	1800	10:24	15:12:18.5	+27:50:41	300	90	3.0	#216 Local Com	2	
0067.COMP	10	10:55	15:12:18.5	+27:50:41	300	90	3.0	0 Calibration	2	
0068.IRAS16052+5334	600	10:59	16:06:33.0	+53:26:32	300	90	3.0	#199 Optical n	2	
0069.IRAS16052+5334	900	11:10	16:06:33.0	+53:26:32	300	90	3.0	#199 Optical n	2	
0070.IRAS16052+5334	900	11:25	16:06:33.0	+53:26:32	300	90	3.0	#199 Optical n	2	
0071.COMP	10	11:41	16:06:33.0	+53:26:32	300	90	3.0	0 Calibration	2	
0072.SDSSJ1522p3913	1800	11:44	15:22:38.8	+39:13:52	300	90	3.0	#192 DASCH Lon	2	
0073.COMP	10	12:16	15:22:38.8	+39:13:52	300	90	3.0	0 Calibration	2	
0074.CHCyg	1	12:18	19:24:33.0	+50:14:30	300	90	3.0	#12 Symbiotic	2	
0075.CHCyg	5	12:19	19:24:33.0	+50:14:30	300	90	3.0	#12 Symbiotic	2	
0076.CHCyg	30	12:19	19:24:33.0	+50:14:30	300	90	3.0	#12 Symbiotic	2	
0077.COMP	10	12:22	19:24:33.0	+50:14:30	300	90	3.0	0 Calibration	2	
0078.COMP	10	12:23	19:24:33.0	+50:14:30	300	90	3.0	0 Calibration	2	
0079-0088.BIAS	0	12:38	16:51:20.3	-26:00:33	300	90	3.0	0 Calibration	2	
0089-0103.FLAT	7	12:43	16:51:20.3	-26:00:33	300	90	3.0	0 Calibration	2	
0104-0108.DARK	1200	14:06	16:51:20.3	-26:00:33	300	90	3.0	0 Calibration	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	01:11	16:51:20.3	-26:00:33	300	90	3.0	0 Calibration	2	
0011-0025.FLAT	7	01:17	16:51:20.3	-26:00:33	300	90	3.0	0 Calibration	2	
0026.G191B2B	300	02:25	05:05:30.6	+52:49:52	300	90	3.0	#56 Spectropho	2	
0027.COMP	10	02:30	05:05:30.6	+52:49:52	300	90	3.0	0 Calibration	2	
0028.Hiltner600	90	02:33	06:45:13.4	+02:08:15	300	90	3.0	#56 Spectropho	2	
0029.Hiltner600	90	02:36	06:45:13.4	+02:08:15	300	90	3.0	#56 Spectropho	2	
0030.COMP	10	02:38	06:45:13.4	+02:08:15	300	90	3.0	0 Calibration	2	
0031.sn2014ai	1200	02:42	09:19:44.2	+33:45:50	300	90	3.0	#2 SN Observat	2	
0032.COMP	10	03:03	09:19:44.2	+33:45:50	300	90	3.0	0 Calibration	2	
0033.sn2014J	1200	03:05	09:55:42.1	+69:40:26	300	90	3.0	#2 SN Observat	2	
0034.sn2014J	1200	03:26	09:55:42.1	+69:40:26	300	90	3.0	#2 SN Observat	2	
0035.sn2014J	1200	03:46	09:55:42.1	+69:40:26	300	90	3.0	#2 SN Observat	2	
0036.COMP	10	04:06	09:55:42.1	+69:40:26	300	90	3.0	0 Calibration	2	
0037.A00441.1	1800	04:09	10:34:03.0	+61:37:19	300	90	3.0	#216 Local Com	2	
0038.COMP	10	04:40	10:34:03.0	+61:37:19	300	90	3.0	0 Calibration	2	
0039.IRAS11102+3026	600	04:45	11:12:57.4	+30:10:29	300	109	3.0	#199 Optical n	2	
0040.IRAS11102+3026	600	04:55	11:12:57.4	+30:10:29	300	109	3.0	#199 Optical n	2	
0041.IRAS11102+3026	600	05:05	11:12:57.4	+30:10:29	300	109	3.0	#199 Optical n	2	
0042.COMP	10	05:16	11:12:57.4	+30:10:29	300	91	3.0	0 Calibration	2	
0043.NGC3773	600	05:22	11:38:12.9	+12:06:44	300	35	3.0	#199 Optical n	2	



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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0044.NGC3773	600	05:32	11:38:12.9	+12:06:44	300	35	3.0	#199 Optical n	2	
0045.NGC3773	600	05:42	11:38:12.9	+12:06:44	300	35	3.0	#199 Optical n	2	
0046.COMP	10	05:53	11:38:12.9	+12:06:44	300	35	3.0	0 Calibration	2	
0047.psnJ1145	1800	05:58	11:45:03.6	+19:58:25	300	0	3.0	#2 SN Observat	2	
0048.COMP	10	06:29	11:45:03.6	+19:58:25	300	0	3.0	0 Calibration	2	
0049.sn14ad	1800	06:33	11:57:44.4	-10:10:16	300	90	3.0	#2 SN Observat	2	
0050.COMP	10	07:04	11:57:44.4	-10:10:16	300	90	3.0	0 Calibration	2	
0051.Asteroid.495.Eulalia	600	07:09	12:38:47.7	-03:49:18	300	90	3.0	#173 Small Sol	2	
0052.Asteroid.495.Eulalia	600	07:19	12:38:47.7	-03:49:18	300	90	3.0	#173 Small Sol	2	
0053.Asteroid.495.Eulalia	600	07:29	12:38:47.7	-03:49:18	300	90	3.0	#173 Small Sol	2	
0054.COMP	10	07:40	12:38:47.7	-03:49:18	300	90	3.0	0 Calibration	2	
0055.HD117860	5	07:42	13:33:11.3	-08:26:36	300	90	3.0	#173 Small Sol	2	
0056.COMP	10	07:43	13:33:11.3	-08:26:36	300	90	3.0	0 Calibration	2	
0057.SDSSJ1522p3913	1800	07:45	15:22:38.8	+39:13:52	300	90	3.0	#192 DASCH Lon	2	
0058.COMP	10	08:16	15:22:38.8	+39:13:52	300	90	3.0	0 Calibration	2	
0059.UGC8269	600	08:23	13:11:15.1	+46:42:02	300	110	3.0	#199 Optical n	2	
0060.UGC8269	600	08:33	13:11:15.1	+46:42:02	300	110	3.0	#199 Optical n	2	
0061.UGC8269	600	08:43	13:11:15.1	+46:42:02	300	110	3.0	#199 Optical n	2	
0062.COMP	10	08:54	13:11:15.1	+46:42:02	300	110	3.0	0 Calibration	2	
0063.IRAS13116+4508	600	08:57	13:13:47.9	+44:52:59	300	110	3.0	#199 Optical n	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0064.IRAS13116+4508	1200	09:08	13:13:47.9	+44:52:59	300	110	3.0	#199 Optical n	2	
0065.IRAS13116+4508	1200	09:28	13:13:47.9	+44:52:59	300	110	3.0	#199 Optical n	2	
0066.COMP	10	09:48	13:13:47.9	+44:52:59	300	110	3.0	0 Calibration	2	
0067.MCG7-29-036	600	09:54	14:00:57.8	+42:51:20	300	-15	3.0	#199 Optical n	2	
0068.MCG7-29-036	600	10:04	14:00:57.8	+42:51:20	300	-15	3.0	#199 Optical n	2	
0069.MCG7-29-036	600	10:14	14:00:57.8	+42:51:20	300	-15	3.0	#199 Optical n	2	
0070.COMP	10	10:25	14:00:57.8	+42:51:20	300	-15	3.0	0 Calibration	2	
0071.SDSSJ1522p3913	1800	10:31	15:22:38.8	+39:13:52	300	90	3.0	#192 DASCH Lon	2	
0072.COMP	10	11:02	15:22:38.8	+39:13:52	300	90	3.0	0 Calibration	2	
0073.dc184735p405944	1200	11:14	18:47:35.6	+40:59:44	300	90	3.0	#188 Dwarf Car	2	
0074.dc184735p405944	1200	11:35	18:47:35.6	+40:59:44	300	90	3.0	#188 Dwarf Car	2	
0075.dc184735p405944	1200	11:55	18:47:35.6	+40:59:44	300	90	3.0	#188 Dwarf Car	2	
0076.COMP	10	12:16	18:47:35.6	+40:59:44	300	90	3.0	0 Calibration	2	
0077-0086.BIAS	0	12:20	18:47:35.6	+40:59:44	300	90	3.0	0 Calibration	2	
0087-0101.FLAT	7	12:25	18:47:35.6	+40:59:44	300	90	3.0	0 Calibration	2	
0102-0105.DARK	1200	13:30	18:47:35.6	+40:59:44	300	90	3.0	0 Calibration	2	

UT Date 2014-04-26 Observers P BerlindColl. Focus 1350 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.BIAS	0	21:39	07:00:58.2	+27:09:27	300	88	3.0	0 Calibration	2	
0002.COMP	10	21:40	07:00:58.2	+27:09:27	300	88	3.0	0 Calibration	2	start of FAST run
0003-0007.DARK	900	22:47	07:00:58.2	+27:09:27	300	88	3.0	0 Calibration	2	
0008-0012.DARK	900	00:03	07:00:58.2	+27:09:27	300	88	3.0	0 Calibration	4	
0013-0022.BIAS	0	02:07	07:00:58.2	+27:09:27	300	88	3.0	0 Calibration	2	
0023-0036.FLAT	7	02:12	07:00:58.2	+27:09:27	300	88	3.0	0 Calibration	2	
0037.FLAT	7	02:12	07:00:58.2	+27:09:27	300	88	3.0	0 Calibration	2	clouds
0038.BDp262606	90	07:42	14:49:02.4	+25:42:09	300	90	3.0	#56 Spectropho	2	
0039.BDp262606	90	07:44	14:49:02.4	+25:42:09	300	90	3.0	#56 Spectropho	2	
0040.COMP	10	07:46	14:49:02.4	+25:42:09	300	90	3.0	0 Calibration	2	
0041.a142back37	1800	08:01	14:02:06.0	+27:11:23	300	100	3.0	#216 Local Com	2	
0042.COMP	10	08:32	14:02:06.0	+27:11:23	300	100	3.0	0 Calibration	2	
0043.SDSSJ1522p3913	1800	08:46	15:22:38.8	+39:13:52	300	90	3.0	#192 DASCH Lon	2	
0044.COMP	10	09:17	15:22:38.8	+39:13:52	300	90	3.0	0 Calibration	2	
0045.BDp332642	180	09:18	15:51:59.9	+32:56:54	300	90	3.0	#56 Spectropho	2	
0046.COMP	10	09:21	15:51:59.9	+32:56:54	300	90	3.0	0 Calibration	2	
0047.snj1400	1800	09:24	14:00:54.5	+40:59:00	300	90	3.0	#2 SN Observat	2	
0048.COMP	10	09:54	14:00:54.5	+40:59:00	300	90	3.0	0 Calibration	2	
0049.BDp262606	60	09:56	14:49:02.4	+25:42:09	300	90	3.0	#56 Spectropho	2	checking to see if ADC is working ok
0050.COMP	10	09:58	14:49:02.4	+25:42:09	300	90	3.0	0 Calibration	2	

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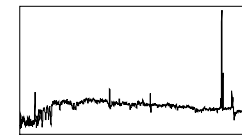
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0051.dc184735p405944	1200	10:00	18:47:35.6	+40:59:44	300	90	3.0	#188 Dwarf Car	2	
0052.COMP	10	10:21	18:47:35.6	+40:59:44	300	88	3.0	0 Calibration	2	
0053.AGDra	5	10:22	16:01:41.0	+66:48:10	300	88	3.0	#12 Symbiotic	2	
0054.AGDra	45	10:23	16:01:41.0	+66:48:10	300	88	3.0	#12 Symbiotic	2	
0055.AGDra	90	10:24	16:01:41.0	+66:48:10	300	88	3.0	#12 Symbiotic	2	
0056.COMP	10	10:26	16:01:41.0	+66:48:10	300	88	3.0	0 Calibration	2	
0057.TCrB	45	10:28	15:59:30.0	+25:55:12	300	88	3.0	#12 Symbiotic	2	
0058.TCrB	90	10:29	15:59:30.0	+25:55:12	300	88	3.0	#12 Symbiotic	2	
0059.COMP	10	10:31	15:59:30.0	+25:55:12	300	88	3.0	0 Calibration	2	
0060.BDp332642	180	10:36	15:51:59.9	+32:56:54	300	88	3.0	#56 Spectropho	2	
0061.BDp332642	60	10:40	15:51:59.9	+32:56:54	300	88	3.0	#56 Spectropho	2	
0062.BDp332642.adcoff	60	10:43	15:51:59.9	+32:56:54	300	88	3.0	#56 Spectropho	2	
0063.COMP	10	10:45	15:51:59.9	+32:56:54	300	88	3.0	0 Calibration	2	
0064.BDp262606.adcoff	90	10:46	14:49:02.4	+25:42:09	300	88	3.0	#56 Spectropho	2	
0065.BDp262606	90	10:50	14:49:02.4	+25:42:09	300	88	3.0	#56 Spectropho	2	
0066.COMP	10	10:52	14:49:02.4	+25:42:09	300	88	3.0	0 Calibration	2	
0067.RS0ph	60	10:56	17:50:13.0	-06:42:30	300	88	3.0	#12 Symbiotic	2	
0068.RS0ph	180	10:58	17:50:13.0	-06:42:30	300	88	3.0	#12 Symbiotic	2	
0069.COMP	10	11:01	17:50:13.0	-06:42:30	300	88	3.0	0 Calibration	2	
0070.Hen1341	60	11:03	17:08:36.0	-17:26:30	300	88	3.0	#12 Symbiotic	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>
0071.Hen1341	120	11:05	17:08:36.0	-17:26:30	300	88	3.0	#12 Symbiotic	2	
0072.COMP	10	11:07	17:08:36.0	-17:26:30	300	89	3.0	0 Calibration	2	
0073.AS270	120	11:09	18:05:33.7	-20:20:38	300	89	3.0	#12 Symbiotic	2	
0074.AS270	240	11:12	18:05:33.7	-20:20:38	300	89	3.0	#12 Symbiotic	2	
0075.COMP	10	11:16	18:05:33.7	-20:20:38	300	90	3.0	0 Calibration	2	
0076-0085.BIAS	0	11:27	16:14:22.5	+53:35:53	300	90	3.0	0 Calibration	2	
0086-0100.FLAT	7	11:32	16:14:22.5	+53:35:53	300	90	3.0	0 Calibration	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>
0001-0010.DARK	900	03:34	08:10:31.3	+31:33:14	300	90	3.0	0 Calibration	4	
0011-0020.BIAS	0	08:07	08:10:31.3	+31:33:14	300	90	3.0	0 Calibration	4	
0021-0040.FLAT	7	08:15	08:10:31.3	+31:33:14	300	90	3.0	0 Calibration	2	
0041-0050.BIAS	0	08:17	08:10:31.3	+31:33:14	300	90	3.0	0 Calibration	2	
0051.BDp262606	90	08:21	14:49:02.4	+25:42:09	300	90	3.0	#56 Spectropho	2	
0052.COMP	10	08:23	14:49:02.4	+25:42:09	300	90	3.0	0 Calibration	2	
0053.BDp332642	120	09:55	15:51:59.9	+32:56:54	300	90	3.0	#56 Spectropho	2	
0054.COMP	10	09:58	15:51:59.9	+32:56:54	300	90	3.0	0 Calibration	2	
0055-0064.DARK	900	14:01	14:00:54.5	+40:59:00	300	90	3.0	0 Calibration	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	02:04	14:00:54.5	+40:59:00	300	90	3.0	0 Calibration	4	
0011-0020.BIAS	0	02:21	14:00:54.5	+40:59:00	300	90	3.0	0 Calibration	4	
0021-0040.FLAT	7	02:29	14:00:54.5	+40:59:00	300	90	3.0	0 Calibration	2	
0041-0050.BIAS	0	02:32	14:00:54.5	+40:59:00	300	90	3.0	0 Calibration	2	
0051.HD84937	20	02:56	09:48:56.1	+13:44:39	300	90	3.0	#56 Spectropho	2	
0052.COMP	10	02:57	09:48:56.1	+13:44:39	300	90	3.0	0 Calibration	2	
0053.Feige34	150	02:59	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	2	
0054.COMP	10	03:02	10:39:36.7	+43:06:09	300	87	3.0	0 Calibration	2	
0055.sn2014ao	1200	03:05	08:34:33.3	-02:32:36	300	80	3.0	#2 SN Observat	2	
0056.COMP	10	03:26	08:34:33.3	-02:32:36	300	80	3.0	0 Calibration	2	
0057.sn2014ai	1800	03:33	09:19:44.2	+33:45:50	300	90	3.0	#2 SN Observat	2	
0058.COMP	10	04:03	09:19:44.2	+33:45:50	300	90	3.0	0 Calibration	2	
0059.sn2014J	1200	04:06	09:55:42.1	+69:40:26	300	88	3.0	#2 SN Observat	2	
0060.COMP	10	04:27	09:55:42.1	+69:40:26	300	89	3.0	0 Calibration	2	
0061.sn2014ap	2400	04:32	11:30:13.4	+24:10:07	300	70	3.0	#2 SN Observat	2	row=83
0062.COMP	10	05:12	11:30:13.4	+24:10:07	300	71	3.0	0 Calibration	2	
0063.N3377	180	05:16	10:47:42.4	+13:59:08	300	89	3.0	#57 Velocity S	2	
0064.COMP	10	05:20	10:47:42.4	+13:59:08	300	89	3.0	0 Calibration	2	
0065.SDSSJ1522p3913	1500	05:24	15:22:38.8	+39:13:52	300	89	3.0	#192 DASCH Lon	2	
0066.COMP	10	05:49	15:22:38.8	+39:13:52	300	88	3.0	0 Calibration	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0067.snj1400	1200	05:53	14:00:54.5	+40:59:00	300	81	3.0	#2 SN Observat	2	
0068.snj1400	1200	06:13	14:00:54.5	+40:59:00	300	81	3.0	#2 SN Observat	2	
0069.snj1400	1200	06:34	14:00:54.5	+40:59:00	300	81	3.0	#2 SN Observat	2	
0070.COMP	10	06:54	14:00:54.5	+40:59:00	300	80	3.0	0 Calibration	2	
0071.snLSQ14bef	1200	07:00	14:27:41.8	-08:36:45	300	90	3.0	#2 SN Observat	2	row= 86 or 80, thin cirrus
0072.COMP	10	07:26	14:27:41.8	-08:36:45	300	90	3.0	0 Calibration	2	
0073.j1406p53	1500	07:35	14:06:44.7	+53:45:01	600	90	1.5	#178 Low Mass	4	
0074.COMP	10	08:00	14:06:44.7	+53:45:01	600	89	1.5	0 Calibration	4	
0075.j1406p53	1500	08:01	14:06:44.7	+53:45:01	600	89	1.5	#178 Low Mass	4	
0076.COMP	10	08:27	14:06:44.7	+53:45:01	600	84	1.5	0 Calibration	4	
0077.j1406p53	1500	08:27	14:06:44.7	+53:45:01	600	85	1.5	#178 Low Mass	4	
0078.COMP	10	08:53	14:06:44.7	+53:45:01	600	85	1.5	0 Calibration	4	
0079.j1406p53	1500	08:55	14:06:44.7	+53:45:01	600	88	1.5	#178 Low Mass	4	
0080.COMP	10	09:20	14:06:44.7	+53:45:01	600	90	1.5	0 Calibration	4	
0081.j1445p14	840	09:23	14:45:10.3	+14:13:45	600	90	1.5	#178 Low Mass	4	correct obj, weird emission
0082.COMP	10	09:37	14:45:10.3	+14:13:45	600	90	1.5	0 Calibration	4	
0083.j1445p14	840	09:38	14:45:10.3	+14:13:45	600	90	1.5	#178 Low Mass	4	
0084.COMP	10	09:52	14:45:10.3	+14:13:45	600	90	1.5	0 Calibration	4	
0085.j1445p14	840	09:53	14:45:10.3	+14:13:45	600	90	1.5	#178 Low Mass	4	
0086.COMP	10	10:07	14:45:10.3	+14:13:45	600	90	1.5	0 Calibration	4	



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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0087.j1445p14	840	10:08	14:45:10.3	+14:13:45	600	90	1.5	#178 Low Mass	4	
0088.COMP	10	10:23	14:45:10.3	+14:13:45	600	90	1.5	0 Calibration	4	
0089.j1445p14	840	10:23	14:45:10.3	+14:13:45	600	90	1.5	#178 Low Mass	4	
0090.COMP	10	10:38	14:45:10.3	+14:13:45	600	90	1.5	0 Calibration	4	
0091.BDp332642	150	10:39	15:51:59.9	+32:56:54	600	90	1.5	#56 Spectropho	4	
0092.COMP	10	10:42	15:51:59.9	+32:56:54	600	90	1.5	0 Calibration	4	
0093-0102.FLAT	12	10:46	15:51:59.9	+32:56:54	600	90	1.5	0 Calibration	4	
0103.SDSSJ1522p3913	1500	10:56	15:22:38.8	+39:13:52	300	90	3.0	#192 DASCH Lon	2	
0104.COMP	10	11:22	15:22:38.8	+39:13:52	300	89	3.0	0 Calibration	2	
0105.dc184735p405944	1200	11:24	18:47:35.6	+40:59:44	300	89	3.0	#188 Dwarf Car	2	
0106.COMP	10	11:44	18:47:35.6	+40:59:44	300	85	3.0	0 Calibration	2	
0107.BDp262606	90	11:47	14:49:02.4	+25:42:09	300	85	3.0	#56 Spectropho	2	
0108.COMP	10	11:49	14:49:02.4	+25:42:09	300	85	3.0	0 Calibration	2	
0109.BDp332642	120	11:50	15:51:59.9	+32:56:54	300	85	3.0	#56 Spectropho	2	
0110.COMP	10	11:53	15:51:59.9	+32:56:54	300	88	3.0	0 Calibration	2	
0111-0120.BIAS	0	12:02	15:51:59.9	+32:56:54	300	88	3.0	0 Calibration	2	
0121-0140.FLAT	7	12:10	15:51:59.9	+32:56:54	300	88	3.0	0 Calibration	2	
0141-0150.BIAS	0	12:12	15:51:59.9	+32:56:54	300	88	3.0	0 Calibration	4	
0151-0155.DARK	900	13:15	15:51:59.9	+32:56:54	300	88	3.0	0 Calibration	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	01:50	15:51:59.9	+32:56:54	300	88	3.0	0 Calibration	4	
0011-0020.BIAS	0	02:08	15:51:59.9	+32:56:54	300	88	3.0	0 Calibration	4	
0021-0040.FLAT	7	02:16	15:51:59.9	+32:56:54	300	88	3.0	0 Calibration	2	
0041-0050.BIAS	0	02:18	15:51:59.9	+32:56:54	300	88	3.0	0 Calibration	2	
0051.Feige34	180	03:02	10:39:36.7	+43:06:09	300	88	3.0	#56 Spectropho	2	excellent seeing
0052.COMP	10	03:06	10:39:36.7	+43:06:09	300	86	3.0	0 Calibration	2	
0053.HD84937	30	03:07	09:48:56.1	+13:44:39	300	86	3.0	#56 Spectropho	2	
0054.COMP	10	03:08	09:48:56.1	+13:44:39	300	86	3.0	0 Calibration	2	
0055.HD84937	20	03:09	09:48:56.1	+13:44:39	300	86	3.0	#56 Spectropho	2	
0056.COMP	10	03:10	09:48:56.1	+13:44:39	300	86	3.0	0 Calibration	2	
0057.BGGem	300	03:12	06:03:31.0	+27:41:50	300	86	3.0	#12 Symbiotic	2	
0058.COMP	10	03:18	06:03:31.0	+27:41:50	300	88	3.0	0 Calibration	2	
0059.BXMon	15	03:21	07:25:23.0	-03:35:51	300	88	3.0	#12 Symbiotic	2	
0060.BXMon	180	03:21	07:25:23.0	-03:35:51	300	88	3.0	#12 Symbiotic	2	
0061.COMP	10	03:25	07:25:23.0	-03:35:51	300	87	3.0	0 Calibration	2	
0062.SS129	300	03:27	07:32:45.0	-26:49:16	300	86	3.0	#12 Symbiotic	2	row=90
0063.SS129	300	03:32	07:32:45.0	-26:49:16	300	86	3.0	#12 Symbiotic	2	
0064.COMP	10	03:37	07:32:45.0	-26:49:16	300	87	3.0	0 Calibration	2	
0065.sn2014ao	1500	03:40	08:34:33.3	-02:32:36	300	86	3.0	#2 SN Observat	2	
0066.COMP	10	04:06	08:34:33.3	-02:32:36	300	85	3.0	0 Calibration	2	

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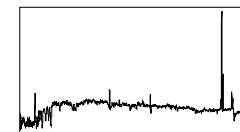
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0067.sn2014ai	2400	04:08	09:19:44.2	+33:45:50	300	89	3.0	#2 SN Observat	2	
0068.COMP	10	04:49	09:19:44.2	+33:45:50	300	89	3.0	0 Calibration	2	
0069.j0800p05	780	04:55	08:00:17.5	+05:50:30	600	89	1.5	#178 Low Mass	4	
0070.COMP	10	05:09	08:00:17.5	+05:50:30	600	89	1.5	0 Calibration	4	
0071.j0800p05	780	05:10	08:00:17.5	+05:50:30	600	89	1.5	#178 Low Mass	4	
0072.COMP	10	05:23	08:00:17.5	+05:50:30	600	89	1.5	0 Calibration	4	
0073.j0800p05	780	05:24	08:00:17.5	+05:50:30	600	89	1.5	#178 Low Mass	4	
0074.COMP	10	05:37	08:00:17.5	+05:50:30	600	89	1.5	0 Calibration	4	
0075.bcand853	840	05:40	10:06:42.4	+69:41:50	600	86	1.5	#178 Low Mass	4	
0076.COMP	10	05:56	10:06:42.4	+69:41:50	600	88	1.5	0 Calibration	4	
0077.bcand853	840	05:57	10:06:42.4	+69:41:50	600	87	1.5	#178 Low Mass	4	
0078.COMP	10	06:11	10:06:42.4	+69:41:50	600	87	1.5	0 Calibration	4	
0079.bcand853	840	06:12	10:06:42.4	+69:41:50	600	87	1.5	#178 Low Mass	4	
0080.COMP	10	06:26	10:06:42.4	+69:41:50	600	88	1.5	0 Calibration	4	
0081.bcand853	840	06:27	10:06:42.4	+69:41:50	600	88	1.5	#178 Low Mass	4	
0082.COMP	10	06:42	10:06:42.4	+69:41:50	600	88	1.5	0 Calibration	4	
0083.bcand853	840	06:42	10:06:42.4	+69:41:50	600	88	1.5	#178 Low Mass	4	
0084.COMP	10	06:57	10:06:42.4	+69:41:50	600	87	1.5	0 Calibration	4	
0085.j1433p25	1280	07:00	14:33:15.9	+25:28:53	600	87	1.5	#178 Low Mass	4	
0086.COMP	10	07:23	14:33:15.9	+25:28:53	600	85	1.5	0 Calibration	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0087.j1433p25	1280	07:24	14:33:15.9	+25:28:53	600	85	1.5	#178 Low Mass	4	
0088.COMP	10	07:46	14:33:15.9	+25:28:53	600	85	1.5	0 Calibration	4	
0089.j1433p25	1280	07:46	14:33:15.9	+25:28:53	600	85	1.5	#178 Low Mass	4	
0090.COMP	10	08:08	14:33:15.9	+25:28:53	600	85	1.5	0 Calibration	4	
0091.j1433p25	1280	08:09	14:33:15.9	+25:28:53	600	85	1.5	#178 Low Mass	4	
0092.COMP	10	08:31	14:33:15.9	+25:28:53	600	85	1.5	0 Calibration	4	
0093.j1433p25	1280	08:31	14:33:15.9	+25:28:53	600	85	1.5	#178 Low Mass	4	
0094.COMP	10	08:53	14:33:15.9	+25:28:53	600	85	1.5	0 Calibration	4	
0095.dr1555	1020	08:55	15:55:02.0	+24:44:22	600	85	1.5	#178 Low Mass	4	
0096.COMP	10	09:13	15:55:02.0	+24:44:22	600	87	1.5	0 Calibration	4	
0097.dr1555	1020	09:14	15:55:02.0	+24:44:22	600	87	1.5	#178 Low Mass	4	
0098.COMP	10	09:31	15:55:02.0	+24:44:22	600	88	1.5	0 Calibration	4	
0099.dr1555	1020	09:32	15:55:02.0	+24:44:22	600	88	1.5	#178 Low Mass	4	
0100.COMP	10	09:49	15:55:02.0	+24:44:22	600	87	1.5	0 Calibration	4	
0101.dr1555	1020	09:50	15:55:02.0	+24:44:22	600	87	1.5	#178 Low Mass	4	
0102.COMP	10	10:08	15:55:02.0	+24:44:22	600	88	1.5	0 Calibration	4	
0103.dr1555	1020	10:08	15:55:02.0	+24:44:22	600	88	1.5	#178 Low Mass	4	
0104.COMP	10	10:26	15:55:02.0	+24:44:22	600	87	1.5	0 Calibration	4	
0105.BDp332642	120	10:27	15:51:59.9	+32:56:54	600	87	1.5	#56 Spectropho	4	
0106.COMP	10	10:30	15:51:59.9	+32:56:54	600	87	1.5	0 Calibration	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0107-0116.FLAT	12	10:35	15:51:59.9	+32:56:54	600	87	1.5	0 Calibration	4	
0117.SDSSJ1522p3913	1020	10:45	15:22:38.8	+39:13:52	600	86	1.5	#192 DASCH Lon	4	
0118.SDSSJ1522p3913	1020	11:05	15:22:38.8	+39:13:52	300	86	3.0	#192 DASCH Lon	4	
0119.SDSSJ1522p3913	1020	11:22	15:22:38.8	+39:13:52	300	86	3.0	#192 DASCH Lon	4	
0120.COMP	5	11:40	15:22:38.8	+39:13:52	300	87	3.0	0 Calibration	4	
0121.BDp262606	90	11:42	14:49:02.4	+25:42:09	300	87	3.0	#56 Spectropho	4	
0122.COMP	5	11:45	14:49:02.4	+25:42:09	300	87	3.0	0 Calibration	4	
0123.BDp332642	120	11:46	15:51:59.9	+32:56:54	300	87	3.0	#56 Spectropho	4	
0124.COMP	5	11:48	15:51:59.9	+32:56:54	300	86	3.0	0 Calibration	4	
0125-0134.BIAS	0	11:52	15:51:59.9	+32:56:54	300	86	3.0	0 Calibration	4	
0135-0144.FLAT	4	11:58	15:51:59.9	+32:56:54	300	86	3.0	0 Calibration	4	
0145-0154.DARK	900	14:18	15:51:59.9	+32:56:54	300	86	3.0	0 Calibration	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	02:07	09:07:11.9	+31:34:07	300	88	3.0	0 Calibration	2	
0011-0025.FLAT	7	02:12	09:07:11.9	+31:34:07	300	88	3.0	0 Calibration	2	
0026.HD84937	60	03:01	09:48:56.1	+13:44:39	300	88	3.0	#56 Spectropho	2	
0027.HD84937	60	03:03	09:48:56.1	+13:44:39	300	88	3.0	#56 Spectropho	2	
0028.COMP	10	03:04	09:48:56.1	+13:44:39	300	88	3.0	0 Calibration	2	
0029.Feige34	240	03:06	10:39:36.7	+43:06:09	300	88	3.0	#56 Spectropho	2	
0030.COMP	10	03:10	10:39:36.7	+43:06:09	300	88	3.0	0 Calibration	2	
0031.snj1400	1800	07:40	14:00:54.5	+40:59:00	300	88	3.0	#2 SN Observat	2	
0032.COMP	10	08:11	14:00:54.5	+40:59:00	300	88	3.0	0 Calibration	2	
0033.snj1400	1800	08:11	14:00:54.5	+40:59:00	300	88	3.0	#2 SN Observat	2	
0034.COMP	10	08:42	14:00:54.5	+40:59:00	300	88	3.0	0 Calibration	2	
0035.SDSSJ1522p3913	900	08:44	15:22:38.8	+39:13:52	300	88	3.0	#192 DASCH Lon	2	
0036.COMP	10	09:00	15:22:38.8	+39:13:52	300	88	3.0	0 Calibration	2	
0037.SDSSJ1522p3913	900	09:00	15:22:38.8	+39:13:52	300	88	3.0	#192 DASCH Lon	2	
0038.COMP	10	09:16	15:22:38.8	+39:13:52	300	88	3.0	0 Calibration	2	
0039.SDSSJ1522p3913	900	09:16	15:22:38.8	+39:13:52	300	88	3.0	#192 DASCH Lon	2	
0040.COMP	10	09:32	15:22:38.8	+39:13:52	300	87	3.0	0 Calibration	2	
0041.BIAS	0	09:37	15:51:59.9	+32:56:54	600	87	1.5	0 Calibration	4	
0042.BDp332642	150	09:38	15:51:59.9	+32:56:54	600	87	1.5	#56 Spectropho	4	
0043.COMP	10	09:41	15:51:59.9	+32:56:54	600	87	1.5	0 Calibration	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>
0044.hotwd150	1500	09:42	16:48:58.8	+24:58:02	600	87	1.5	#178 Low Mass	4	
0045.COMP	10	10:08	16:48:58.8	+24:58:02	600	87	1.5	0 Calibration	4	
0046.hotwd150	1500	10:09	16:48:58.8	+24:58:02	600	87	1.5	#178 Low Mass	4	
0047.COMP	10	10:39	16:48:58.8	+24:58:02	600	87	1.5	0 Calibration	4	
0048.hotwd150	1500	10:40	16:48:58.8	+24:58:02	600	87	1.5	#178 Low Mass	4	
0049.COMP	10	11:05	16:48:58.8	+24:58:02	600	87	1.5	0 Calibration	4	
0050.hotwd150	1500	11:06	16:48:58.8	+24:58:02	600	87	1.5	#178 Low Mass	4	
0051.COMP	10	11:31	16:48:58.8	+24:58:02	600	87	1.5	0 Calibration	4	
0052-0061.BIAS	0	11:34	16:48:58.8	+24:58:02	600	87	1.5	0 Calibration	4	
0062-0076.FLAT	12	11:39	16:48:58.8	+24:58:02	600	90	1.5	0 Calibration	4	
0077-0081.DARK	900	12:47	16:48:58.8	+24:58:02	600	90	1.5	0 Calibration	2	
0082-0086.DARK	900	14:03	16:48:58.8	+24:58:02	600	90	1.5	0 Calibration	4	

UT Date 2014-05-01 Observers P BerlindColl. Focus 1350 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	01:46	16:48:58.8	+24:58:02	600	90	1.5	0 Calibration	2	
0011-0020.BIAS	0	01:52	16:48:58.8	+24:58:02	600	90	1.5	0 Calibration	4	
0021-0035.FLAT	12	01:58	16:48:58.8	+24:58:02	600	90	1.5	0 Calibration	4	
0036.BIAS	0	03:07	10:08:22.5	+11:58:02	600	90	1.5	0 Calibration	4	screwed by daycrew, left telescope in bad state to start the ni
0037.Feige34	300	03:09	10:39:36.7	+43:06:09	600	90	1.5	#56 Spectropho	4	
0038.COMP	10	03:14	10:39:36.7	+43:06:09	600	90	1.5	0 Calibration	4	
0039.dr0843	1200	03:16	08:43:28.9	+08:24:38	600	90	1.5	#178 Low Mass	4	
0040.COMP	10	03:36	08:43:28.9	+08:24:38	600	90	1.5	0 Calibration	4	
0041.dr0843	1200	03:37	08:43:28.9	+08:24:38	600	90	1.5	#178 Low Mass	4	
0042.COMP	10	03:57	08:43:28.9	+08:24:38	600	90	1.5	0 Calibration	4	
0043.dr0843	1200	03:58	08:43:28.9	+08:24:38	600	90	1.5	#178 Low Mass	4	
0044.COMP	10	04:18	08:43:28.9	+08:24:38	600	90	1.5	0 Calibration	4	
0045.dr0843	1200	04:19	08:43:28.9	+08:24:38	600	90	1.5	#178 Low Mass	4	
0046.COMP	10	04:39	08:43:28.9	+08:24:38	600	90	1.5	0 Calibration	4	
0047.dr0843	1200	04:40	08:43:28.9	+08:24:38	600	90	1.5	#178 Low Mass	4	
0048.COMP	10	05:00	08:43:28.9	+08:24:38	600	90	1.5	0 Calibration	4	
0049.test	10	05:04	12:40:00.0	+32:00:00	300	90	3.0	#178 Low Mass	2	
0050.test	10	05:05	12:40:00.0	+32:00:00	300	90	3.0	#178 Low Mass	2	
0051.ASASSN14ar	1800	05:09	09:09:41.7	+37:36:07	300	46	3.0	#99 Other Falc	2	
0052.COMP	10	05:41	09:09:41.7	+37:36:07	300	45	3.0	0 Calibration	2	



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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0053.sn2014ad	1800	05:51	11:57:44.4	-10:10:16	300	90	3.0	#2 SN Observat	2	
0054.COMP	10	06:21	11:57:44.4	-10:10:16	300	90	3.0	0 Calibration	2	
0055.sn2014J	1500	06:26	09:55:42.1	+69:40:26	300	90	3.0	#2 SN Observat	2	
0056.COMP	10	06:51	09:55:42.1	+69:40:26	300	88	3.0	0 Calibration	2	
0057.snj1400	1800	06:53	14:00:54.5	+40:59:00	300	88	3.0	#2 SN Observat	2	
0058.COMP	10	07:24	14:00:54.5	+40:59:00	300	88	3.0	0 Calibration	2	
0059.BDp262606	90	07:26	14:49:02.4	+25:42:09	300	88	3.0	#56 Spectropho	2	
0060.BDp262606	90	07:27	14:49:02.4	+25:42:09	300	88	3.0	#56 Spectropho	2	
0061.COMP	10	07:29	14:49:02.4	+25:42:09	300	88	3.0	0 Calibration	2	
0062.Asteroid.143409.2003BQ46	1200	07:31	15:14:15.0	+13:52:16	300	88	3.0	#173 Small Sol	2	
0063.COMP	10	07:52	15:14:15.0	+13:52:16	300	88	3.0	0 Calibration	2	
0064.Asteroid.143409.2003BQ46	1200	07:52	15:14:15.0	+13:52:16	300	88	3.0	#173 Small Sol	2	
0065.COMP	10	08:13	15:14:15.0	+13:52:16	300	88	3.0	0 Calibration	2	
0066.Asteroid.143409.2003BQ46	1200	08:14	15:14:15.0	+13:52:16	300	88	3.0	#173 Small Sol	2	
0067.COMP	10	08:34	15:14:15.0	+13:52:16	300	88	3.0	0 Calibration	2	
0068.Comet.C2012.K1	240	08:36	13:36:27.6	+49:04:50	300	88	3.0	#173 Small Sol	2	
0069.Comet.C2012.K1	240	08:41	13:36:27.6	+49:04:50	300	88	3.0	#173 Small Sol	2	
0070.Comet.C2012.K1	240	08:45	13:36:27.6	+49:04:50	300	88	3.0	#173 Small Sol	2	
0071.COMP	10	08:49	13:36:27.6	+49:04:50	300	88	3.0	0 Calibration	2	
0072.Comet.C2012.K1.offsetsky	240	08:50	13:36:27.6	+49:04:50	300	88	3.0	#173 Small Sol	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0073.COMP	10	08:55	13:36:27.6	+49:04:50	300	88	3.0	0 Calibration	2	
0074.HD129357	5	08:56	14:41:22.4	+29:03:32	300	88	3.0	#173 Small Sol	2	
0075.HD129357	20	08:57	14:41:22.4	+29:03:32	300	88	3.0	#173 Small Sol	2	
0076.HD129357	20	08:58	14:41:22.4	+29:03:32	300	88	3.0	#173 Small Sol	2	
0077.HD129357	15	08:58	14:41:22.4	+29:03:32	300	88	3.0	#173 Small Sol	2	
0078.COMP	10	08:59	14:41:22.4	+29:03:32	300	88	3.0	0 Calibration	2	
0079.Asteroid.388468.2007.DB	1200	09:02	15:37:50.2	-06:26:39	300	88	3.0	#173 Small Sol	2	
0080.COMP	10	09:22	15:37:50.2	-06:26:39	300	88	3.0	0 Calibration	2	
0081.Asteroid.388468.2007.DB	1200	09:23	15:37:50.2	-06:26:39	300	88	3.0	#173 Small Sol	2	
0082.COMP	10	09:43	15:37:50.2	-06:26:39	300	88	3.0	0 Calibration	2	
0083.Asteroid.388468.2007.DB	1200	09:44	15:37:50.2	-06:26:39	300	88	3.0	#173 Small Sol	2	
0084.COMP	10	10:04	15:37:50.2	-06:26:39	300	88	3.0	0 Calibration	2	
0085.HD138573	5	10:06	15:32:43.6	+10:58:06	300	88	3.0	#173 Small Sol	2	
0086.HD138573	10	10:07	15:32:43.6	+10:58:06	300	88	3.0	#173 Small Sol	2	
0087.HD138573	10	10:07	15:32:43.6	+10:58:06	300	88	3.0	#173 Small Sol	2	
0088.HD138573	15	10:08	15:32:43.6	+10:58:06	300	88	3.0	#173 Small Sol	2	
0089.COMP	10	10:09	15:32:43.6	+10:58:06	300	88	3.0	0 Calibration	2	
0090.SDSSJ1522p3913	1800	10:10	15:22:38.8	+39:13:52	300	88	3.0	#192 DASCH Lon	2	
0091.COMP	10	10:41	15:22:38.8	+39:13:52	300	89	3.0	0 Calibration	2	
0092.BDp332642	150	10:43	15:51:59.9	+32:56:54	300	89	3.0	#56 Spectropho	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0093.COMP	10	10:46	15:51:59.9	+32:56:54	300	89	3.0	0 Calibration	2	
0094.Asteroid.21374.1997.WS22	900	10:47	17:47:35.1	+10:09:15	300	89	3.0	#173 Small Sol	2	
0095.Asteroid.21374.1997.WS22	900	11:02	17:47:35.1	+10:09:15	300	89	3.0	#173 Small Sol	2	
0096.COMP	10	11:18	17:47:35.1	+10:09:15	300	89	3.0	0 Calibration	2	
0097.HD163441	20	11:19	17:55:45.3	+11:48:14	300	89	3.0	#173 Small Sol	2	
0098.HD163441	30	11:20	17:55:45.3	+11:48:14	300	89	3.0	#173 Small Sol	2	
0099.HD163441	30	11:21	17:55:45.3	+11:48:14	300	89	3.0	#173 Small Sol	2	
0100.COMP	10	11:22	17:55:45.3	+11:48:14	300	89	3.0	0 Calibration	2	
0101-0111.BIAS	0	11:27	17:55:45.3	+11:48:14	300	89	3.0	0 Calibration	2	
0112-0126.FLAT	7	11:32	17:55:45.3	+11:48:14	300	89	3.0	0 Calibration	2	