

UT Date 2014-03-04 Observers P BerlindColl. Focus 1330 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0005.DARK	900	22:45	20:05:26.5	+31:28:11	300	89	3.0	0 Calibration	2	
0006-0010.DARK	900	00:01	20:05:26.5	+31:28:11	300	89	3.0	0 Calibration	4	
0011-0020.BIAS	0	01:06	20:05:26.5	+31:28:11	300	89	3.0	0 Calibration	4	
0021-0030.BIAS	0	01:11	20:05:26.5	+31:28:11	300	89	3.0	0 Calibration	2	
0031-0045.FLAT	7	01:16	20:05:26.5	+31:28:11	300	89	3.0	0 Calibration	2	
0046.COMP	10	01:43	20:05:26.5	+31:28:11	300	89	3.0	0 Calibration	2	
0047.COMP	10	02:02	03:08:25.6	+26:19:51	300	89	3.0	0 Calibration	2	
0048.HD19445	30	02:19	03:08:25.6	+26:19:51	300	89	3.0	#56 Spectropho	2	
0049.HD19445	30	02:21	03:08:25.6	+26:19:51	300	89	3.0	#56 Spectropho	2	
0050.HD19445	30	02:22	03:08:25.6	+26:19:51	300	89	3.0	#56 Spectropho	2	
0051.COMP	10	02:23	03:08:25.6	+26:19:51	300	89	3.0	0 Calibration	2	
0052.HD19445.adcoff	30	02:26	03:08:25.6	+26:19:51	300	89	3.0	#56 Spectropho	2	
0053.HD19445.adcoff	30	02:28	03:08:25.6	+26:19:51	300	89	3.0	#56 Spectropho	2	
0054.HD19445.adcoff	30	02:28	03:08:25.6	+26:19:51	300	89	3.0	#56 Spectropho	2	
0055.COMP	10	02:29	03:08:25.6	+26:19:51	300	89	3.0	0 Calibration	2	
0056.sn2014H	1800	02:36	03:37:01.5	+32:05:02	300	89	3.0	#2 SN Observat	2	
0057.COMP	10	03:07	03:37:01.5	+32:05:02	300	89	3.0	0 Calibration	2	
0058.Hiltner600	90	03:12	06:45:13.4	+02:08:15	300	89	3.0	#56 Spectropho	2	
0059.Hiltner600.adcoff	90	03:16	06:45:13.4	+02:08:15	300	89	3.0	#56 Spectropho	2	
0060.COMP	10	03:19	06:45:13.4	+02:08:15	300	89	3.0	0 Calibration	2	

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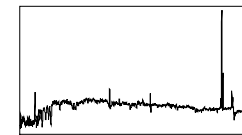
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0061.04253337+4201067	600	03:22	04:25:33.4	+42:01:07	300	89	3.0	#141 2MASS Red	2	
0062.COMP	10	03:33	04:25:33.4	+42:01:07	300	89	3.0	0 Calibration	2	
0063.BIAS	0	03:45	04:36:58.4	+42:01:48	300	89	3.0	0 Calibration	2	
0064.T13229891	20	04:17	06:12:59.5	+19:45:07	300	89	3.0	#192 DASCH Lon	2	
0065.T13229891	200	04:18	06:12:59.5	+19:45:07	300	89	3.0	#192 DASCH Lon	2	
0066.COMP	10	04:22	06:12:59.5	+19:45:07	300	89	3.0	0 Calibration	2	
0067.T13461231	300	04:23	07:15:02.2	+16:52:12	300	89	3.0	#192 DASCH Lon	2	
0068.COMP	10	04:29	07:15:02.2	+16:52:12	300	89	3.0	0 Calibration	2	
0069.T191311701	20	04:30	07:20:59.0	+24:59:58	300	89	3.0	#192 DASCH Lon	2	
0070.T191311701	20	04:31	07:20:59.0	+24:59:58	300	89	3.0	#192 DASCH Lon	2	
0071.COMP	10	04:32	07:20:59.0	+24:59:58	300	89	3.0	0 Calibration	2	
0072.T13668881	120	04:33	07:44:56.9	+17:43:18	300	89	3.0	#192 DASCH Lon	2	
0073.COMP	10	04:36	07:44:56.9	+17:43:18	300	89	3.0	0 Calibration	2	
0074.T222361	180	04:39	08:36:47.4	+06:59:22	300	90	3.0	#192 DASCH Lon	2	
0075.T222361	300	04:43	08:36:47.4	+06:59:22	300	90	3.0	#192 DASCH Lon	2	
0076.COMP	10	04:48	08:36:47.4	+06:59:22	300	90	3.0	0 Calibration	2	
0077.T48653671	300	04:50	08:58:00.3	-00:19:53	300	90	3.0	#192 DASCH Lon	2	
0078.T48653671	600	04:55	08:58:00.3	-00:19:53	300	90	3.0	#192 DASCH Lon	2	
0079.COMP	10	05:06	08:58:00.3	-00:19:53	300	90	3.0	0 Calibration	2	
0080.T37966671	300	05:08	08:04:09.1	+53:16:43	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
0081.T37966671	600	05:14	08:04:09.1	+53:16:43	300	90	3.0	#192 DASCH Lon	2	
0082.COMP	10	05:24	08:04:09.1	+53:16:43	300	90	3.0	0 Calibration	2	
0083.HD84937	40	06:50	09:48:56.1	+13:44:39	300	90	3.0	#56 Spectropho	2	
0084.COMP	10	06:51	09:48:56.1	+13:44:39	300	90	3.0	0 Calibration	2	
0085.Feige34	240	06:53	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	2	
0086.COMP	10	06:59	10:39:36.7	+43:06:09	300	87	3.0	0 Calibration	2	
0087.sn2014J	601	07:01	09:55:42.1	+69:40:26	300	87	3.0	#2 SN Observat	2	
0088.COMP	10	07:11	09:55:42.1	+69:40:26	300	88	3.0	0 Calibration	2	
0089.sn2013ge	1800	07:14	10:34:48.5	+21:39:42	300	88	3.0	#2 SN Observat	2	
0090.COMP	10	07:44	10:34:48.5	+21:39:42	300	89	3.0	0 Calibration	2	
0091.Asteroid.Erigone.163	400	07:47	10:18:43.0	+10:06:50	300	89	3.0	#173 Small Sol	2	
0092.Asteroid.Erigone.163	400	07:54	10:18:43.0	+10:06:50	300	89	3.0	#173 Small Sol	2	
0093.Asteroid.Erigone.163	400	08:01	10:18:43.0	+10:06:50	300	89	3.0	#173 Small Sol	2	
0094.COMP	10	08:08	10:18:43.0	+10:06:50	300	89	3.0	0 Calibration	2	
0095.SA102m370	180	08:09	10:56:33.8	-01:10:41	300	89	3.0	#173 Small Sol	2	
0096.COMP	10	08:13	10:56:33.8	-01:10:41	300	89	3.0	0 Calibration	2	
0097.T345210561	180	08:15	11:59:58.3	+47:30:53	300	89	3.0	#192 DASCH Lon	2	
0098.COMP	10	08:19	11:59:58.3	+47:30:53	300	89	3.0	0 Calibration	2	
0099.SN-14ad	1800	08:37	12:40:11.1	+18:03:33	300	85	3.0	#2 SN Observat	2	
0100.COMP	10	09:07	12:40:11.1	+18:03:33	300	89	3.0	0 Calibration	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0101.Asteroid.495.Eulalia	1200	09:11	13:02:41.0	-06:44:13	300	89	3.0	#173 Small Sol	2	
0102.COMP	10	09:31	13:02:41.0	-06:44:13	300	89	3.0	0 Calibration	2	
0103.Asteroid.495.Eulalia	1200	09:32	13:02:41.0	-06:44:13	300	89	3.0	#173 Small Sol	2	
0104.COMP	10	09:52	13:02:41.0	-06:44:13	300	89	3.0	0 Calibration	2	
0105.Asteroid.495.Eulalia	1200	09:53	13:02:41.0	-06:44:13	300	89	3.0	#173 Small Sol	2	
0106.COMP	10	10:13	13:02:41.0	-06:44:13	300	89	3.0	0 Calibration	2	
0107.HD117860	16	10:15	13:33:11.3	-08:26:36	300	89	3.0	#173 Small Sol	2	
0108.HD117860	20	10:15	13:33:11.3	-08:26:36	300	89	3.0	#173 Small Sol	2	
0109.HD117860	20	10:16	13:33:11.3	-08:26:36	300	89	3.0	#173 Small Sol	2	
0110.COMP	10	10:17	13:33:11.3	-08:26:36	300	89	3.0	0 Calibration	2	
0111.T3097271	300	10:20	13:55:28.0	+00:15:22	300	89	3.0	#192 DASCH Lon	2	
0112.T3097271	600	10:25	13:55:28.0	+00:15:22	300	89	3.0	#192 DASCH Lon	2	stopped by clouds again
0113.COMP	10	10:35	13:55:28.0	+00:15:22	300	89	3.0	0 Calibration	2	
0114-0123.BIAS	0	10:39	13:55:28.0	+00:15:22	300	89	3.0	0 Calibration	2	
0124-0138.FLAT	7	10:45	13:55:28.0	+00:15:22	300	89	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	02:16	05:39:33.4	+31:30:14	300	89	3.0	0 Calibration	4	
0011-0030.FLAT	7	02:47	06:01:24.8	+31:30:42	300	89	3.0	0 Calibration	2	
0031-0040.BIAS	0	02:49	06:01:24.8	+31:30:42	300	89	3.0	0 Calibration	2	
0041.G191B2B	360	03:22	05:05:30.6	+52:49:52	300	89	3.0	#56 Spectropho	2	
0042.COMP	10	03:28	05:05:30.6	+52:49:52	300	89	3.0	0 Calibration	2	
0043.Hiltner600	90	03:33	06:45:13.4	+02:08:15	300	89	3.0	#56 Spectropho	2	
0044.COMP	10	03:35	06:45:13.4	+02:08:15	300	89	3.0	0 Calibration	2	
0045.GITau	300	03:39	04:33:34.0	+24:21:18	300	89	3.0	#12 Symbiotic	2	
0046.COMP	10	03:45	04:33:34.0	+24:21:18	300	90	3.0	0 Calibration	2	
0047.GKTau	300	03:46	04:33:34.5	+24:21:07	300	90	3.0	#12 Symbiotic	2	
0048.COMP	10	03:52	04:33:34.5	+24:21:07	300	89	3.0	0 Calibration	2	
0049.sn2014H	1800	03:55	03:37:01.5	+32:05:02	300	89	3.0	#2 SN Observat	2	
0050.COMP	10	04:26	03:37:01.5	+32:05:02	300	89	3.0	0 Calibration	2	
0051.05292985+0541114	2100	04:28	05:29:29.8	+05:41:11	300	90	3.0	#141 2MASS Red	2	very faint
0052.COMP	10	05:06	05:29:29.8	+05:41:11	300	90	3.0	0 Calibration	2	
0053.sn2014J	600	05:10	09:55:42.1	+69:40:26	300	90	3.0	#2 SN Observat	2	saturated?
0054.COMP	10	05:21	09:55:42.1	+69:40:26	300	89	3.0	0 Calibration	2	
0055.sn2014J	300	05:26	09:55:42.1	+69:40:26	300	88	3.0	#2 SN Observat	2	
0056.COMP	10	05:32	09:55:42.1	+69:40:26	300	90	3.0	0 Calibration	2	
0057.A00214.2	1500	05:35	10:53:58.0	+23:07:43	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
0058.COMP	10	06:01	10:53:58.0	+23:07:43	300	88	3.0	0 Calibration	2	
0059.a14back21	1500	06:04	11:45:22.7	+64:26:41	300	88	3.0	#216 Local Com	2	
0060.COMP	10	06:29	11:45:22.7	+64:26:41	300	89	3.0	0 Calibration	2	
0061.a14back08	1500	06:32	11:51:58.9	+23:33:48	300	89	3.0	#216 Local Com	2	
0062.COMP	10	06:57	11:51:58.9	+23:33:48	300	88	3.0	0 Calibration	2	
0063.a14back31	1500	06:59	12:08:02.1	+09:46:25	300	88	3.0	#216 Local Com	2	
0064.COMP	10	07:24	12:08:02.1	+09:46:25	300	86	3.0	0 Calibration	2	
0065.a14back25	1500	07:26	12:09:02.8	+41:15:59	300	86	3.0	#216 Local Com	2	
0066.COMP	10	07:52	12:09:02.8	+41:15:59	300	84	3.0	0 Calibration	2	
0067.a14back27	1200	07:54	13:00:58.1	+39:35:02	300	84	3.0	#216 Local Com	2	
0068.COMP	10	08:14	13:00:58.1	+39:35:02	300	89	3.0	0 Calibration	2	
0069.a14back26	1200	08:16	13:01:47.1	+39:41:56	300	89	3.0	#216 Local Com	2	
0070.COMP	10	08:36	13:01:47.1	+39:41:56	300	89	3.0	0 Calibration	2	
0071.a14back23	1800	08:38	13:14:36.4	+53:29:09	300	88	3.0	#216 Local Com	2	
0072.COMP	10	09:09	13:14:36.4	+53:29:09	300	87	3.0	0 Calibration	2	
0073.A00480.1	2400	09:13	13:20:31.7	+66:58:54	300	87	3.0	#216 Local Com	2	
0074.COMP	10	09:53	13:20:31.7	+66:58:54	300	88	3.0	0 Calibration	2	
0075.A01870.1	1500	09:58	13:49:57.4	+01:40:59	300	88	3.0	#216 Local Com	2	
0076.COMP	10	10:23	13:49:57.4	+01:40:59	300	90	3.0	0 Calibration	2	
0077.a14back28	1500	10:25	13:48:22.4	+06:34:25	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
0078.COMP	10	10:51	13:48:22.4	+06:34:25	300	89	3.0	0 Calibration	2	
0079.A00743.1	2400	10:53	14:25:17.4	-01:03:06	300	89	3.0	#216 Local Com	2	
0080.COMP	10	11:33	14:25:17.4	-01:03:06	300	90	3.0	0 Calibration	2	
0081.A01094.1	2400	11:36	16:00:05.0	+26:01:46	300	90	3.0	#216 Local Com	2	
0082.COMP	10	12:16	16:00:05.0	+26:01:46	300	89	3.0	0 Calibration	2	
0083.a14back33	1800	12:18	16:11:30.1	+52:45:03	300	89	3.0	#216 Local Com	2	
0084.COMP	10	12:49	16:11:30.1	+52:45:03	300	88	3.0	0 Calibration	2	
0085.BDp332642	120	12:50	15:51:59.9	+32:56:54	300	88	3.0	#56 Spectropho	2	
0086.COMP	10	12:53	15:51:59.9	+32:56:54	300	87	3.0	0 Calibration	2	
0087.BDp262606	90	12:54	14:49:02.4	+25:42:09	300	87	3.0	#56 Spectropho	2	
0088.COMP	10	12:56	14:49:02.4	+25:42:09	300	87	3.0	0 Calibration	2	
0089-0098.BIAS	0	13:02	14:49:02.4	+25:42:09	300	87	3.0	0 Calibration	2	
0099-0118.FLAT	7	13:09	14:49:02.4	+25:42:09	300	87	3.0	0 Calibration	2	
0119-0128.DARK	900	15:28	14:49:02.4	+25:42:09	300	87	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	01:02	14:49:02.4	+25:42:09	300	87	3.0	0 Calibration	4	
0011-0020.BIAS	0	01:40	14:49:02.4	+25:42:09	300	87	3.0	0 Calibration	4	
0021-0040.FLAT	7	01:51	14:49:02.4	+25:42:09	300	87	3.0	0 Calibration	2	
0041-0050.BIAS	0	01:56	14:49:02.4	+25:42:09	300	87	3.0	0 Calibration	2	
0051.G191B2B	300	02:29	05:05:30.6	+52:49:52	300	87	3.0	#56 Spectropho	2	
0052.COMP	10	02:35	05:05:30.6	+52:49:52	300	89	3.0	0 Calibration	2	
0053.Hiltner600	120	02:37	06:45:13.4	+02:08:15	300	89	3.0	#56 Spectropho	2	
0054.COMP	10	02:40	06:45:13.4	+02:08:15	300	89	3.0	0 Calibration	2	
0055.sn2014H	2400	02:44	03:37:01.5	+32:05:02	300	89	3.0	#2 SN Observat	2	
0056.COMP	10	03:25	03:37:01.5	+32:05:02	300	90	3.0	0 Calibration	2	
0057.BGGem	300	03:27	06:03:31.0	+27:41:50	300	90	3.0	#12 Symbiotic	2	
0058.COMP	10	03:36	06:03:31.0	+27:41:50	300	90	3.0	0 Calibration	2	
0059.BXMon	15	03:38	07:25:23.0	-03:35:51	300	90	3.0	#12 Symbiotic	2	
0060.BXMon	180	03:38	07:25:23.0	-03:35:51	300	90	3.0	#12 Symbiotic	2	
0061.COMP	10	03:42	07:25:23.0	-03:35:51	300	89	3.0	0 Calibration	2	
0062.V0332p53	1800	03:49	03:34:59.8	+53:10:24	1200	89	2.0	#176 Be/X-ray	2	blocking filter in place
0063.COMP	10	04:20	03:34:59.8	+53:10:24	1200	90	2.0	0 Calibration	2	
0064.XPer	4	04:21	03:55:23.0	+31:02:45	1200	90	2.0	#176 Be/X-ray	2	
0065.COMP	10	04:22	03:55:23.0	+31:02:45	1200	90	2.0	0 Calibration	2	
0066.RXJ04409p4431	300	04:24	04:41:00.6	+44:31:50	1200	90	2.0	#176 Be/X-ray	2	



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0067.COMP	10	04:30	04:41:00.6	+44:31:50	1200	90	2.0	0 Calibration	2	
0068.A0535p262	60	04:31	05:38:54.5	+26:18:57	1200	90	2.0	#176 Be/X-ray	2	
0069.COMP	10	04:33	05:38:54.5	+26:18:57	1200	90	2.0	0 Calibration	2	
0070.IGRJ06074p2205	600	04:34	06:07:26.6	+22:05:48	1200	90	2.0	#176 Be/X-ray	2	
0071.COMP	10	04:45	06:07:26.6	+22:05:48	1200	89	2.0	0 Calibration	2	
0072.MXBO656-072	900	04:47	06:58:17.2	-07:12:35	1200	89	2.0	#176 Be/X-ray	2	
0073.COMP	10	05:03	06:58:17.2	-07:12:35	1200	90	2.0	0 Calibration	2	
0074.HD84937	50	05:05	09:48:56.1	+13:44:39	1200	90	2.0	#56 Spectropho	2	
0075.COMP	10	05:06	09:48:56.1	+13:44:39	1200	90	2.0	0 Calibration	2	
0076-0085.FLAT	15	05:12	09:48:56.1	+13:44:39	1200	90	2.0	0 Calibration	2	
0086.SS129	300	05:27	07:32:45.0	-26:49:16	300	70	3.0	#12 Symbiotic	2	
0087.SS129	300	05:32	07:32:45.0	-26:49:16	300	70	3.0	#12 Symbiotic	2	
0088.COMP	10	05:38	07:32:45.0	-26:49:16	300	70	3.0	0 Calibration	2	
0089.sn2014J	300	05:43	09:55:42.1	+69:40:26	300	89	3.0	#2 SN Observat	2	
0090.COMP	10	05:49	09:55:42.1	+69:40:26	300	90	3.0	0 Calibration	2	
0091.sn2013gs	2400	05:51	09:31:08.9	+46:23:05	300	90	3.0	#2 SN Observat	2	
0092.COMP	10	06:32	09:31:08.9	+46:23:05	300	89	3.0	0 Calibration	2	
0093.sn2013ge	1800	06:34	10:34:48.5	+21:39:42	300	89	3.0	#2 SN Observat	2	
0094.COMP	10	07:05	10:34:48.5	+21:39:42	300	89	3.0	0 Calibration	2	
0095.Mj1119	2400	07:11	11:19:20.9	+21:39:42	300	89	3.0	#2 SN Observat	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0096.COMP	10	07:53	11:19:20.9	+21:39:42	300	89	3.0	0 Calibration	2	
0097.HD84937	30	07:56	09:48:56.1	+13:44:39	300	90	3.0	#56 Spectropho	2	
0098.COMP	10	07:57	09:48:56.1	+13:44:39	300	90	3.0	0 Calibration	2	
0099.Feige34	120	07:59	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	2	
0100.COMP	10	08:01	10:39:36.7	+43:06:09	300	89	3.0	0 Calibration	2	
0101.N3377	180	08:04	10:47:42.4	+13:59:08	300	89	3.0	#57 Velocity S	2	
0102.COMP	10	08:07	10:47:42.4	+13:59:08	300	89	3.0	0 Calibration	2	
0103.sn2014L	1800	08:09	12:18:48.7	+14:24:44	300	90	3.0	#2 SN Observat	2	
0104.COMP	10	08:39	12:18:48.7	+14:24:44	300	89	3.0	0 Calibration	2	
0105.SN-14ad	2400	08:43	12:40:11.1	+18:03:33	300	89	3.0	#2 SN Observat	2	
0106.COMP	10	09:23	12:40:11.1	+18:03:33	300	90	3.0	0 Calibration	2	
0107.TXCVn	10	09:25	12:44:42.0	+36:45:48	300	90	3.0	#12 Symbiotic	2	
0108.TXCVn	30	09:26	12:44:42.0	+36:45:48	300	89	3.0	#12 Symbiotic	2	
0109.COMP	10	09:27	12:44:42.0	+36:45:48	300	89	3.0	0 Calibration	2	
0110.A00589.1	2400	09:30	14:33:46.6	+63:15:31	300	89	3.0	#216 Local Com	2	
0111.COMP	10	10:10	14:33:46.6	+63:15:31	300	89	3.0	0 Calibration	2	
0112.A00257.1	2100	10:13	14:34:45.3	+46:16:57	300	89	3.0	#216 Local Com	2	
0113.COMP	10	10:48	14:34:45.3	+46:16:57	300	89	3.0	0 Calibration	2	
0114.A00398.1	2700	10:50	15:15:59.5	+26:46:26	300	89	3.0	#216 Local Com	2	
0115.COMP	10	11:36	15:15:59.5	+26:46:26	300	89	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>
0116.BDp262606	60	11:39	14:49:02.4	+25:42:09	300	89	3.0	#56 Spectropho	2	clouds moving in
0117.COMP	10	11:41	14:49:02.4	+25:42:09	300	89	3.0	0 Calibration	2	
0118-0127.BIAS	0	12:27	14:49:02.4	+25:42:09	300	89	3.0	0 Calibration	2	
0128-0147.FLAT	7	12:35	14:49:02.4	+25:42:09	300	89	3.0	0 Calibration	2	
0148-0157.DARK	900	15:09	14:49:02.4	+25:42:09	300	89	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	01:54	14:49:02.4	+25:42:09	300	89	3.0	0 Calibration	4	
0011-0020.BIAS	0	02:51	14:49:02.4	+25:42:09	300	89	3.0	0 Calibration	4	
0021-0040.FLAT	7	03:01	14:49:02.4	+25:42:09	300	89	3.0	0 Calibration	2	
0041-0050.BIAS	0	03:07	14:49:02.4	+25:42:09	300	89	3.0	0 Calibration	2	
0051.G191B2B	720	04:15	05:05:30.6	+52:49:52	300	89	3.0	#56 Spectropho	2	
0052.COMP	10	04:28	05:05:30.6	+52:49:52	300	90	3.0	0 Calibration	2	
0053.Hiltner600	240	04:30	06:45:13.4	+02:08:15	300	90	3.0	#56 Spectropho	2	
0054.COMP	10	04:35	06:45:13.4	+02:08:15	300	90	3.0	0 Calibration	2	
0055.sn2014J	780	04:38	09:55:42.1	+69:40:26	300	89	3.0	#2 SN Observat	2	
0056.COMP	10	04:52	09:55:42.1	+69:40:26	300	89	3.0	0 Calibration	2	
0057.sn2013gs	2700	04:56	09:31:08.9	+46:23:05	300	89	3.0	#2 SN Observat	2	
0058.COMP	10	05:41	09:31:08.9	+46:23:05	300	88	3.0	0 Calibration	2	
0059.back27	1500	05:44	08:19:07.1	+56:32:51	300	88	3.0	#216 Local Com	2	
0060.COMP	10	06:09	08:19:07.1	+56:32:51	300	86	3.0	0 Calibration	2	
0061.back24	1500	06:11	08:20:09.9	+56:38:55	300	86	3.0	#216 Local Com	2	
0062.COMP	10	06:39	08:20:09.9	+56:38:55	300	85	3.0	0 Calibration	2	
0063.back57	1500	06:41	08:20:19.6	+05:58:11	300	85	3.0	#216 Local Com	2	
0064.COMP	10	07:13	08:20:19.6	+05:58:11	300	90	3.0	0 Calibration	2	
0065.A00080.2	1800	07:15	08:35:27.6	+39:55:06	300	89	3.0	#216 Local Com	2	
0066.COMP	10	07:45	08:35:27.6	+39:55:06	300	89	3.0	0 Calibration	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0067.back47	1200	07:47	08:20:28.0	+56:44:56	300	89	3.0	#216 Local Com	2	
0068.COMP	10	08:08	08:20:28.0	+56:44:56	300	90	3.0	0 Calibration	2	
0069.back35	1800	08:10	08:23:23.9	+19:31:01	300	90	3.0	#216 Local Com	2	
0070.COMP	10	08:41	08:23:23.9	+19:31:01	300	90	3.0	0 Calibration	2	
0071.back50	1500	08:42	08:40:10.5	+08:59:53	300	90	3.0	#216 Local Com	2	
0072.COMP	10	09:07	08:40:10.5	+08:59:53	300	89	3.0	0 Calibration	2	
0073.sn2013ge	2700	09:18	10:34:48.5	+21:39:42	300	89	3.0	#2 SN Observat	2	
0074.COMP	10	10:06	10:34:48.5	+21:39:42	300	89	3.0	0 Calibration	2	
0075.sn2014L	2100	10:08	12:18:48.7	+14:24:44	300	89	3.0	#2 SN Observat	2	
0076.COMP	10	10:44	12:18:48.7	+14:24:44	300	89	3.0	0 Calibration	2	
0077.SN-14ad	2700	10:47	12:40:11.1	+18:03:33	300	89	3.0	#2 SN Observat	2	
0078.COMP	10	11:33	12:40:11.1	+18:03:33	300	89	3.0	0 Calibration	2	
0079.a14back36	1500	11:35	14:51:55.4	+46:44:54	300	89	3.0	#216 Local Com	2	
0080.COMP	10	12:00	14:51:55.4	+46:44:54	300	89	3.0	0 Calibration	2	
0081.A00737.1	2100	12:02	16:12:32.6	+15:14:01	300	89	3.0	#216 Local Com	2	row=90
0082.COMP	10	12:38	16:12:32.6	+15:14:01	300	89	3.0	0 Calibration	2	
0083.BDp262606	40	12:41	14:49:02.4	+25:42:09	300	89	3.0	#56 Spectropho	2	
0084.COMP	10	12:43	14:49:02.4	+25:42:09	300	89	3.0	0 Calibration	2	
0085.BDp332642	120	12:45	15:51:59.9	+32:56:54	300	89	3.0	#56 Spectropho	2	
0086.COMP	10	12:48	15:51:59.9	+32:56:54	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>
0087.N5866	300	12:51	15:06:29.5	+55:45:48	300	90	3.0	#57 Velocity S	2	
0088.COMP	10	12:57	15:06:29.5	+55:45:48	300	88	3.0	0 Calibration	2	
0089-0098.BIAS	0	13:04	15:06:29.5	+55:45:48	300	88	3.0	0 Calibration	2	
0099-0118.FLAT	7	13:12	15:06:29.5	+55:45:48	300	88	3.0	0 Calibration	2	
0119-0128.DARK	900	15:32	15:06:29.5	+55:45:48	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.BIAS	0	20:33	22:15:20.0	+31:26:23	300	90	3.0	0 Calibration	4	
0011-0020.FLAT	4	20:35	22:15:20.0	+31:26:23	300	90	3.0	0 Calibration	4	
0021-0030.BIAS	0	20:37	22:15:20.0	+31:26:23	300	90	3.0	0 Calibration	2	
0031-0045.FLAT	7	20:42	22:15:20.0	+31:26:23	300	90	3.0	0 Calibration	2	
0046.COMP	5	01:24	22:15:20.0	+31:26:23	300	90	3.0	0 Calibration	2	
0047.G191B2B	60	02:13	05:05:30.6	+52:49:52	300	90	3.0	#56 Spectropho	2	
0048.G191B2B	60	02:14	05:05:30.6	+52:49:52	300	90	3.0	#56 Spectropho	2	
0048.G191B2Bq.ms	60	02:14	05:05:30.6	+52:49:52	300	90	3.0	#56 Spectropho	1	
0049.G191B2B	60	02:19	05:05:30.6	+52:49:52	300	90	3.0	#56 Spectropho	2	
0049.G191B2Bq.ms	60	02:19	05:05:30.6	+52:49:52	300	90	3.0	#56 Spectropho	1	
0050.G191B2B	180	02:22	05:05:30.6	+52:49:52	300	90	3.0	#56 Spectropho	2	
0050.G191B2Bq.ms	180	02:22	05:05:30.6	+52:49:52	300	90	3.0	#56 Spectropho	1	
0051.COMP	5	02:26	05:05:30.6	+52:49:52	300	89	3.0	0 Calibration	2	
0052.FU_Ori	180	02:29	05:45:22.4	+09:04:12	300	89	3.0	Astro100	2	
0052.FU_Oriq.ms	180	02:29	05:45:22.4	+09:04:12	300	89	3.0	Astro100	1	
0053.COMP	5	02:33	05:45:22.4	+09:04:12	300	89	3.0	0 Calibration	2	
0053.COMPq.ms	5	02:33	05:45:22.4	+09:04:12	300	89	3.0	Astro100	1	
0054.MGM892	300	02:37	05:34:39.9	-06:25:14	300	89	3.0	Astro100	2	
0054.MGM892q.ms	300	02:37	05:34:39.9	-06:25:14	300	89	3.0	Astro100	1	
0055.MGM892	300	02:45	05:34:39.9	-06:25:14	300	89	3.0	Astro100	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0055.MGM892q.ms	300	02:45	05:34:39.9	-06:25:14	300	89	3.0	Astro100	1	
0056.COMP	5	02:52	05:34:39.9	-06:25:14	300	89	3.0	0 Calibration	2	
0057.HD47129	5	03:00	06:37:24.0	+06:08:07	300	89	3.0	Astro100	2	
0057.HD47129q.ms	5	03:00	06:37:24.0	+06:08:07	300	89	3.0	Astro100	1	
0058.HD47129	30	03:01	06:37:24.0	+06:08:07	300	89	3.0	Astro100	2	
0058.HD47129q.ms	30	03:01	06:37:24.0	+06:08:07	300	89	3.0	Astro100	1	
0059.COMP	5	03:03	06:37:24.0	+06:08:07	300	89	3.0	0 Calibration	2	
0060.HD50896	30	03:06	06:54:13.0	-23:55:42	300	89	3.0	Astro100	2	
0060.HD50896q.ms	30	03:06	06:54:13.0	-23:55:42	300	89	3.0	Astro100	1	
0061.COMP	5	03:09	06:54:13.0	-23:55:42	300	89	3.0	0 Calibration	2	
0062.HD28099	90	03:23	04:26:40.0	+16:44:49	300	89	3.0	Astro100	2	
0062.HD28099q.ms	90	03:23	04:26:40.0	+16:44:49	300	89	3.0	Astro100	1	
0063.COMP	5	03:27	04:26:40.0	+16:44:49	300	88	3.0	0 Calibration	2	
0064.HD34842	60	03:30	05:21:49.0	+32:30:45	300	88	3.0	Astro100	2	
0064.HD34842q.ms	60	03:30	05:21:49.0	+32:30:45	300	88	3.0	Astro100	1	
0065.COMP	5	03:33	05:21:49.0	+32:30:45	300	88	3.0	0 Calibration	2	
0066.HD37724	45	03:35	05:42:09.0	+32:02:24	300	88	3.0	Astro100	2	
0066.HD37724q.ms	45	03:35	05:42:09.0	+32:02:24	300	88	3.0	Astro100	1	
0067.COMP	5	03:38	05:42:09.0	+32:02:24	300	88	3.0	0 Calibration	2	
0068.HD285968	30	03:42	04:42:56.0	+18:57:29	300	88	3.0	Astro100	2	



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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0068.HD285968q.ms	30	03:42	04:42:56.0	+18:57:29	300	88	3.0	Astro100	1	
0069.COMP	5	03:44	04:42:56.0	+18:57:29	300	88	3.0	0 Calibration	2	
0070.HD30353	60	03:50	04:48:53.0	+43:16:32	300	90	3.0	Astro100	2	
0070.HD30353q.ms	60	03:50	04:48:53.0	+43:16:32	300	90	3.0	Astro100	1	
0071.HD30353	60	03:54	04:48:53.0	+43:16:32	300	90	3.0	Astro100	2	
0071.HD30353q.ms	60	03:54	04:48:53.0	+43:16:32	300	90	3.0	Astro100	1	
0072.COMP	5	03:58	04:48:53.0	+43:16:32	300	90	3.0	0 Calibration	2	
0073.SN2014J	600	04:02	09:55:42.1	+69:40:26	300	89	3.0	Astro100	2	
0073.SN2014Jq.ms	600	04:02	09:55:42.1	+69:40:26	300	89	3.0	Astro100	1	
0074.SN2014J	600	04:13	09:55:42.1	+69:40:26	300	89	3.0	Astro100	2	
0074.SN2014Jq.ms	600	04:13	09:55:42.1	+69:40:26	300	89	3.0	Astro100	1	
0075.COMP	5	04:23	09:55:42.1	+69:40:26	300	89	3.0	0 Calibration	2	
0076.NGC2936	900	04:36	09:37:44.1	+02:45:39	300	89	3.0	Astro100	2	
0076.NGC2936q.ms	900	04:36	09:37:44.1	+02:45:39	300	89	3.0	Astro100	1	
0077.NGC2936	900	04:51	09:37:44.1	+02:45:39	300	89	3.0	Astro100	2	
0077.NGC2936q.ms	900	04:51	09:37:44.1	+02:45:39	300	89	3.0	Astro100	1	
0078.COMP	5	05:06	09:37:44.1	+02:45:39	300	89	3.0	0 Calibration	2	
0079.SN2013hj	900	05:11	09:12:06.3	-15:25:46	300	89	3.0	Astro100	2	
0079.SN2013hj.q.ms	900	05:11	09:12:06.3	-15:25:46	300	89	3.0	Astro100	1	
0080.SN2013hj	900	05:27	09:12:06.3	-15:25:46	300	89	3.0	Astro100	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0080.SN2013hjq.ms	900	05:27	09:12:06.3	-15:25:46	300	89	3.0	Astro100	1	
0081.COMP	5	05:42	09:12:06.3	-15:25:46	300	89	3.0	0 Calibration	2	
0082.NGC3526	1800	05:54	11:06:56.6	+07:10:26	300	55	3.0	Astro100	2	
0082.NGC3526q.ms	1800	05:54	11:06:56.6	+07:10:26	300	55	3.0	Astro100	1	
0083.COMP	5	06:26	11:06:56.6	+07:10:26	300	54	3.0	0 Calibration	2	
0084.PSN_J1157-10	900	06:32	11:57:44.4	-10:10:16	300	90	3.0	Astro100	2	
0084.PSN_J1157-10q.ms	900	06:32	11:57:44.4	-10:10:16	300	90	3.0	Astro100	1	
0085.PSN_J1157-10	900	06:50	11:57:44.4	-10:10:16	300	90	3.0	Astro100	2	
0085.PSN_J1157-10q.ms	900	06:50	11:57:44.4	-10:10:16	300	90	3.0	Astro100	1	
0086.COMP	5	07:05	11:57:44.4	-10:10:16	300	89	3.0	0 Calibration	2	
0087.HD93521	30	07:14	10:48:23.5	+37:34:13	300	89	3.0	#56 Spectropho	2	
0087.HD93521q.ms	30	07:14	10:48:23.5	+37:34:13	300	89	3.0	#56 Spectropho	1	
0088.HD93521	30	07:15	10:48:23.5	+37:34:13	300	89	3.0	#56 Spectropho	2	
0089.COMP	5	07:15	10:48:23.5	+37:34:13	300	90	3.0	0 Calibration	2	
0090.HD92940	90	07:38	10:44:25.0	+32:37:11	300	89	3.0	Astro100	2	
0090.HD92940q.ms	90	07:38	10:44:25.0	+32:37:11	300	89	3.0	Astro100	1	
0091.COMP	5	07:41	10:44:25.0	+32:37:11	300	89	3.0	0 Calibration	2	
0092.HD126327	90	07:48	14:24:11.0	+25:42:15	300	89	3.0	Astro100	2	
0092.HD126327q.ms	90	07:48	14:24:11.0	+25:42:15	300	89	3.0	Astro100	1	
0093.COMP	5	07:51	14:24:11.0	+25:42:15	300	89	3.0	0 Calibration	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0093.COMPq.ms	5	07:51	14:24:11.0	+25:42:15	300	89	3.0	Astro100	1	
0094.nsvs0103	300	07:56	13:45:35.0	+79:23:48	300	89	3.0	Astro100	2	
0094.nsvs0103q.ms	300	07:56	13:45:35.0	+79:23:48	300	89	3.0	Astro100	1	
0095.nsvs0103	300	08:02	13:45:35.0	+79:23:48	300	89	3.0	Astro100	2	
0096.COMP	5	08:08	13:45:35.0	+79:23:48	300	89	3.0	0 Calibration	2	
0097.gj380	15	08:16	10:11:22.1	+49:27:15	300	90	3.0	Astro100	2	
0097.gj380q.ms	15	08:16	10:11:22.1	+49:27:15	300	90	3.0	Astro100	1	
0098.COMP	5	08:17	10:11:22.1	+49:27:15	300	90	3.0	0 Calibration	2	
0099.SN2014G	900	08:25	10:54:34.1	+54:17:57	300	90	3.0	Astro100	2	
0099.SN2014Gq.ms	900	08:25	10:54:34.1	+54:17:57	300	90	3.0	Astro100	1	
0100.SN2014G	900	08:40	10:54:34.1	+54:17:57	300	90	3.0	Astro100	2	
0100.SN2014Gq.ms	900	08:40	10:54:34.1	+54:17:57	300	90	3.0	Astro100	1	
0101.COMP	5	08:56	10:54:34.1	+54:17:57	300	90	3.0	0 Calibration	2	
0102.NGC4565	900	09:22	12:36:21.0	+25:59:13	300	-45	3.0	Astro100	2	
0102.NGC4565q.ms	900	09:22	12:36:21.0	+25:59:13	300	-45	3.0	Astro100	1	
0103.NGC4565	900	09:38	12:36:21.0	+25:59:13	300	-45	3.0	Astro100	2	
0104.COMP	5	09:53	12:36:21.0	+25:59:13	300	-45	3.0	0 Calibration	2	
0105.SBS1425p606	1800	10:03	14:26:56.0	+60:25:50	300	90	3.0	Astro100	2	
0105.SBS1425p606q.ms	1800	10:03	14:26:56.0	+60:25:50	300	90	3.0	Astro100	1	
0106.COMP	5	10:35	14:26:56.0	+60:25:50	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
0107.PSN_J1630+44	900	10:39	16:30:40.7	+44:30:35	300	88	3.0	Astro100	2	
0107.PSN_J1630+44q.ms	900	10:39	16:30:40.7	+44:30:35	300	88	3.0	Astro100	1	
0108.PSN_J1630+44	900	10:55	16:30:40.7	+44:30:35	300	88	3.0	Astro100	2	
0108.PSN_J1630+44q.ms	900	10:55	16:30:40.7	+44:30:35	300	88	3.0	Astro100	1	
0109.COMP	5	11:10	16:30:40.7	+44:30:35	300	88	3.0	0 Calibration	2	
0110.M51	900	11:37	13:29:55.0	+47:13:53	300	87	3.0	Astro100	2	
0110.M51q.ms	900	11:37	13:29:55.0	+47:13:53	300	87	3.0	Astro100	1	
0111.COMP	5	11:53	13:29:55.0	+47:13:53	300	89	3.0	0 Calibration	2	
0112.NGC6385	900	11:56	17:28:01.4	+57:31:19	300	89	3.0	Astro100	2	
0112.NGC6385q.ms	900	11:56	17:28:01.4	+57:31:19	300	89	3.0	Astro100	1	
0113.NGC6385	900	12:12	17:28:01.4	+57:31:19	300	89	3.0	Astro100	2	
0113.NGC6385q.ms	900	12:12	17:28:01.4	+57:31:19	300	89	3.0	Astro100	1	
0114.COMP	5	12:27	17:28:01.4	+57:31:19	300	89	3.0	0 Calibration	2	
0115.BDp332642	120	12:33	15:51:59.9	+32:56:54	300	89	3.0	#56 Spectropho	2	
0115.BDp332642q.ms	120	12:33	15:51:59.9	+32:56:54	300	89	3.0	#56 Spectropho	1	
0116.BDp332642	120	12:35	15:51:59.9	+32:56:54	300	89	3.0	#56 Spectropho	2	
0116.BDp332642q.ms	120	12:35	15:51:59.9	+32:56:54	300	89	3.0	#56 Spectropho	1	
0117.COMP	5	12:37	15:51:59.9	+32:56:54	300	89	3.0	0 Calibration	2	
comp300+600.ms	10	05:47	10:39:36.9	+43:06:11	300	90	3.0	#56 Spectropho	1	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.COMP	5	23:05	15:51:59.9	+32:56:54	300	89	3.0	0 Calibration	2	
0001.COMPq.ms	5	23:05	15:51:59.9	+32:56:54	300	89	3.0	#56 Spectropho	1	
0002-0011.BIAS	0	23:10	15:51:59.9	+32:56:54	300	89	3.0	0 Calibration	4	
0012-0021.FLAT	4	23:12	15:51:59.9	+32:56:54	300	89	3.0	0 Calibration	4	
0022-0031.BIAS	0	23:14	15:51:59.9	+32:56:54	300	89	3.0	0 Calibration	2	
0032-0046.FLAT	7	23:19	15:51:59.9	+32:56:54	300	89	3.0	0 Calibration	2	
0047-0051.DARK	900	00:25	15:51:59.9	+32:56:54	300	89	3.0	0 Calibration	2	
0052.Hiltner600	90	02:17	06:45:13.4	+02:08:15	300	90	3.0	#56 Spectropho	2	
0053.Hiltner600	90	02:18	06:45:13.4	+02:08:15	300	90	3.0	#56 Spectropho	2	
0054.COMP	5	02:21	06:45:13.4	+02:08:15	300	90	3.0	0 Calibration	2	
0055.G191B2B	300	02:25	05:05:30.6	+52:49:52	300	89	3.0	#56 Spectropho	2	
0056.COMP	5	02:31	05:05:30.6	+52:49:52	300	89	3.0	0 Calibration	2	
0057.FU_Ori	120	02:34	05:45:22.4	+09:04:12	300	89	3.0	Astro100	2	
0058.COMP	5	02:38	05:45:22.4	+09:04:12	300	89	3.0	0 Calibration	2	
0059.MGM892	300	02:45	05:34:39.9	-06:25:14	300	90	3.0	Astro100	2	
0060.MGM892	1500	02:53	05:34:39.9	-06:25:14	300	90	3.0	Astro100	2	
0061.COMP	5	03:19	05:34:39.9	-06:25:14	300	89	3.0	0 Calibration	2	
0062.AG_Per	60	03:23	04:06:55.8	+33:26:46	300	89	3.0	Astro100	2	
0063.COMP	5	03:25	04:06:55.8	+33:26:46	300	90	3.0	0 Calibration	2	
0064.LSPM2808	180	03:30	04:36:49.1	+04:51:11	300	90	3.0	Astro100	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0065.LSPM2808	900	03:39	04:36:49.1	+04:51:11	300	89	3.0	Astro100	2	
0066.COMP	5	03:55	04:36:49.1	+04:51:11	300	90	3.0	0 Calibration	2	
0067.DR_Tau	300	04:02	04:47:06.2	+16:58:43	300	90	3.0	Astro100	2	
0068.DR_Tau	180	04:09	04:47:06.2	+16:58:43	300	90	3.0	Astro100	2	
0069.COMP	5	04:15	04:47:06.2	+16:58:43	300	90	3.0	0 Calibration	2	
0070.HD31293	15	04:18	04:55:46.0	+30:33:06	300	90	3.0	Astro100	2	
0071.HD31293	15	04:19	04:55:46.0	+30:33:06	300	90	3.0	Astro100	2	
0072.COMP	5	04:20	04:55:46.0	+30:33:06	300	90	3.0	0 Calibration	2	
0073.HD33988	15	04:23	05:16:27.0	+46:24:58	300	90	3.0	Astro100	2	
0074.HD33988	15	04:24	05:16:27.0	+46:24:58	300	90	3.0	Astro100	2	
0075.COMP	5	04:25	05:16:27.0	+46:24:58	300	90	3.0	0 Calibration	2	
0076.HD242908	120	04:28	05:22:29.0	+33:30:50	300	90	3.0	Astro100	2	
0077.COMP	5	04:30	05:22:29.0	+33:30:50	300	89	3.0	0 Calibration	2	
0078.HD35921	15	04:32	05:29:43.0	+35:22:30	300	89	3.0	Astro100	2	
0079.COMP	5	04:33	05:29:43.0	+35:22:30	300	89	3.0	0 Calibration	2	
0080.PK189p19.pn	600	04:41	07:25:35.0	+29:29:26	300	69	3.0	Astro100	2	
0081.COMP	5	04:52	07:25:35.0	+29:29:26	300	68	3.0	0 Calibration	2	
0082.HD39225	15	04:59	05:52:39.0	+33:55:02	300	90	3.0	Astro100	2	
0083.COMP	5	05:00	05:52:39.0	+33:55:02	300	90	3.0	0 Calibration	2	
0084.HD42087	5	05:02	06:09:44.0	+23:06:48	300	90	3.0	Astro100	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0085.HD42475	15	05:04	06:11:51.0	+21:52:06	300	90	3.0	Astro100	2	
0086.COMP	5	05:05	06:11:51.0	+21:52:06	300	90	3.0	0 Calibration	2	
0087.HD42087	5	05:07	06:09:44.0	+23:06:48	300	90	3.0	Astro100	2	
0088.COMP	5	05:08	06:09:44.0	+23:06:48	300	90	3.0	0 Calibration	2	
0089.HD56126	60	05:09	07:16:10.0	+09:59:48	300	90	3.0	Astro100	2	
0090.COMP	5	05:11	07:16:10.0	+09:59:48	300	90	3.0	0 Calibration	2	
0091.HD56925	600	05:13	07:18:29.0	-13:13:03	300	90	3.0	Astro100	2	
0092.COMP	5	05:28	07:18:29.0	-13:13:03	300	90	3.0	0 Calibration	2	
0093.HD64511	60	05:33	07:55:05.0	+22:00:06	300	90	3.0	Astro100	2	
0094.HD64511	300	05:35	07:55:05.0	+22:00:06	300	90	3.0	Astro100	2	
0095.COMP	5	05:41	07:55:05.0	+22:00:06	300	90	3.0	0 Calibration	2	
0096.SW_UMa	600	05:46	08:36:43.0	+53:28:37	300	90	3.0	Astro100	2	
0097.COMP	5	05:57	08:36:43.0	+53:28:37	300	90	3.0	0 Calibration	2	
0098.HIP50997	30	06:00	10:25:01.6	+30:22:18	300	90	3.0	Astro100	2	
0099.COMP	5	06:02	10:25:01.6	+30:22:18	300	90	3.0	0 Calibration	2	
0100.NGC2537	900	06:07	08:13:14.6	+45:59:23	300	90	3.0	Astro100	2	
0101.NGC2537	900	06:25	08:13:14.6	+45:59:23	300	90	3.0	Astro100	2	
0102.COMP	5	06:42	08:13:14.6	+45:59:23	300	90	3.0	0 Calibration	2	
0103.NGC3526	900	06:48	11:06:56.6	+07:10:26	300	55	3.0	Astro100	2	
0104.NGC3526	900	07:04	11:06:56.6	+07:10:26	300	55	3.0	Astro100	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0105.COMP	5	07:21	11:06:56.6	+07:10:26	300	54	3.0	0 Calibration	2	
0106.M97	900	07:33	11:14:47.0	+55:01:08	300	90	3.0	Astro100	2	
0107.COMP	5	07:52	11:14:47.0	+55:01:08	300	89	3.0	0 Calibration	2	
0108.Feige66	120	07:58	12:37:23.5	+25:04:00	300	89	3.0	#56 Spectropho	2	
0109.COMP	5	08:01	12:37:23.5	+25:04:00	300	90	3.0	0 Calibration	2	
0110.PSN_J1155+11	900	08:08	11:55:30.8	+11:55:26	300	90	3.0	Astro100	2	
0111.COMP	5	08:26	11:55:30.8	+11:55:26	300	89	3.0	0 Calibration	2	
0112.SN2014L	900	08:36	12:18:48.7	+14:24:44	300	89	3.0	Astro100	2	
0113.SN2014L	900	08:55	12:18:48.7	+14:24:44	300	89	3.0	Astro100	2	
0114.COMP	5	09:11	12:18:48.7	+14:24:44	300	90	3.0	0 Calibration	2	
0115.SN2014ab	900	09:18	13:48:06.0	+07:23:16	300	90	3.0	Astro100	2	
0116.COMP	5	09:34	13:48:06.0	+07:23:16	300	90	3.0	0 Calibration	2	
0117.PSN_J1157-10	900	09:38	11:57:44.4	-10:10:16	300	90	3.0	Astro100	2	
0118.COMP	5	09:54	11:57:44.4	-10:10:16	300	90	3.0	0 Calibration	2	
0119.CCM19_24	900	10:04	13:29:59.2	+47:13:38	300	90	3.0	Astro100	2	
0120.CCM19_24	900	10:34	13:29:59.2	+47:13:38	300	16	3.0	Astro100	2	
0121.COMP	5	10:54	13:29:59.2	+47:13:38	300	16	3.0	0 Calibration	2	
0122.CCM19_24	900	10:55	13:29:59.2	+47:13:38	300	16	3.0	Astro100	2	
0123.COMP	5	11:12	13:29:59.2	+47:13:38	300	16	3.0	0 Calibration	2	
0124.TVLM513-46	300	11:21	15:01:08.2	+22:50:02	300	90	3.0	Astro100	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>
0125.TVLM513-46	900	11:32	15:01:08.2	+22:50:02	300	89	3.0	Astro100	2	
0126.COMP	5	11:48	15:01:08.2	+22:50:02	300	90	3.0	0 Calibration	2	
0127.HIP71487	30	11:51	14:37:08.9	+35:55:47	300	90	3.0	Astro100	2	
0128.COMP	5	11:52	14:37:08.9	+35:55:47	300	90	3.0	0 Calibration	2	
0129.NGC5846	900	11:58	15:06:29.3	+01:36:20	300	90	3.0	Astro100	2	
0130.COMP	5	12:14	15:06:29.3	+01:36:20	300	90	3.0	0 Calibration	2	
0131.NGC5846A	900	12:15	15:06:29.2	+01:35:42	300	90	3.0	Astro100	2	
0132.COMP	5	12:31	15:06:29.2	+01:35:42	300	90	3.0	0 Calibration	2	
0133.BDp262606	90	12:34	14:49:02.4	+25:42:09	300	90	3.0	#56 Spectropho	2	
0134.COMP	5	12:37	14:49:02.4	+25:42:09	300	90	3.0	0 Calibration	2	
comp300+600.ms	10	05:47	10:39:36.9	+43:06:11	300	90	3.0	#56 Spectropho	1	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.COMP	5	23:29	14:49:02.4	+25:42:09	300	90	3.0	0 Calibration	2	
0002-0011.BIAS	0	23:33	14:49:02.4	+25:42:09	300	90	3.0	0 Calibration	4	
0012-0021.FLAT	4	23:35	14:49:02.4	+25:42:09	300	90	3.0	0 Calibration	4	
0022-0031.BIAS	0	23:37	14:49:02.4	+25:42:09	300	90	3.0	0 Calibration	2	
0032-0046.FLAT	7	23:42	14:49:02.4	+25:42:09	300	90	3.0	0 Calibration	2	
0047-0051.DARK	900	00:44	14:49:02.4	+25:42:09	300	90	3.0	0 Calibration	2	
0052.G191B2B	300	02:43	05:05:30.6	+52:49:52	300	90	3.0	#56 Spectropho	2	
0053.COMP	5	02:49	05:05:30.6	+52:49:52	300	90	3.0	0 Calibration	2	
0054.Hiltner600	90	02:52	06:45:13.4	+02:08:15	300	89	3.0	#56 Spectropho	2	
0055.COMP	5	02:54	06:45:13.4	+02:08:15	300	89	3.0	0 Calibration	2	
0056.NGC2264	300	03:06	06:41:06.0	+09:53:00	300	89	3.0	#56 Spectropho	2	
0057.HD64511	120	03:18	07:55:05.0	+22:00:06	300	89	3.0	Astro100	2	
0058.HD64511	600	03:21	07:55:05.0	+22:00:06	300	89	3.0	Astro100	2	
0059.COMP	5	03:32	07:55:05.0	+22:00:06	300	90	3.0	0 Calibration	2	
0060.JUPITER	1	03:34	06:46:10.1	+23:16:33	300	90	3.0	Astro100	2	
0061.JUPITER	0	03:35	06:46:10.1	+23:16:33	300	90	3.0	Astro100	2	
0062.COMP	5	03:37	06:46:10.1	+23:16:33	300	90	3.0	0 Calibration	2	
0063.GANYMEDE	15	03:39	06:46:10.1	+23:16:33	300	90	3.0	Astro100	2	
0064.GANYMEDE	5	03:40	06:46:10.1	+23:16:33	300	90	3.0	Astro100	2	
0065.GANYMEDE	5	03:41	06:46:10.1	+23:16:33	300	90	3.0	Astro100	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0066.CALLISTO	5	03:43	06:46:10.1	+23:16:33	300	90	3.0	Astro100	2	
0067.CALLISTO	5	03:44	06:46:10.1	+23:16:33	300	90	3.0	Astro100	2	
0068.COMP	5	03:45	06:46:10.1	+23:16:33	300	90	3.0	0 Calibration	2	
0069.NGC2618	600	03:49	08:35:53.5	+00:42:26	300	90	3.0	Astro100	2	
0070.NGC2618	600	04:00	08:35:53.5	+00:42:26	300	90	3.0	Astro100	2	
0071.COMP	5	04:10	08:35:53.5	+00:42:26	300	90	3.0	0 Calibration	2	
0072.PSN_J0756+27	900	04:16	07:56:25.3	+27:00:49	300	90	3.0	Astro100	2	
0073.PSN_J0756+27	900	04:32	07:56:25.3	+27:00:49	300	90	3.0	Astro100	2	
0074.COMP	5	04:47	07:56:25.3	+27:00:49	300	90	3.0	0 Calibration	2	
0075.DX_Cnc	300	04:57	08:29:49.0	+26:46:34	300	90	3.0	Astro100	2	
0076.DX_Cnc	360	05:03	08:29:49.0	+26:46:34	300	90	3.0	Astro100	2	
0077.COMP	5	05:10	08:29:49.0	+26:46:34	300	90	3.0	0 Calibration	2	
0078.HE0938-0114	300	05:15	09:40:43.0	+01:00:37	300	90	3.0	Astro100	2	
0079.COMP	5	05:21	09:40:43.0	+01:00:37	300	90	3.0	0 Calibration	2	
0080.CW_Leo	300	05:25	09:47:57.0	+13:16:44	300	90	3.0	Astro100	2	
0081.CW_Leo	600	05:34	09:47:57.0	+13:16:44	300	90	3.0	Astro100	2	
0082.COMP	5	05:46	09:47:57.0	+13:16:44	300	90	3.0	0 Calibration	2	
0083.HIP54465	60	05:49	11:08:35.8	+36:00:39	300	90	3.0	Astro100	2	
0084.COMP	5	05:51	11:08:35.8	+36:00:39	300	90	3.0	0 Calibration	2	
0085.M108	900	06:04	11:11:31.0	+55:40:31	300	81	3.0	Astro100	2	

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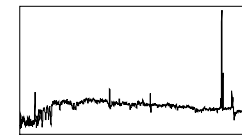
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0086.COMP	5	06:21	11:11:31.0	+55:40:31	300	75	3.0	0 Calibration	2	
0087.IRAS_F08279+5255	600	06:27	08:31:41.7	+52:45:18	300	90	3.0	Astro100	2	
0088.IRAS_F08279+5255	900	06:40	08:31:41.7	+52:45:18	300	90	3.0	Astro100	2	
0089.COMP	5	06:56	08:31:41.7	+52:45:18	300	90	3.0	0 Calibration	2	
0090.LSPM3229	300	07:00	11:12:42.0	+76:26:56	300	90	3.0	Astro100	2	
0091.COMP	5	07:08	11:12:42.0	+76:26:56	300	90	3.0	0 Calibration	2	
0092.HIP57563	10	07:14	11:47:56.4	+27:20:26	300	90	3.0	Astro100	2	
0093.COMP	5	07:15	11:47:56.4	+27:20:26	300	90	3.0	0 Calibration	2	
0094.HIP57939	8	07:18	11:52:58.8	+37:43:07	300	90	3.0	Astro100	2	
0095.COMP	5	07:18	11:52:58.8	+37:43:07	300	90	3.0	0 Calibration	2	
0096.3C_273	600	07:22	12:29:06.7	+02:03:09	300	90	3.0	Astro100	2	
0097.COMP	5	07:33	12:29:06.7	+02:03:09	300	90	3.0	0 Calibration	2	
0098.NSVS0103	120	07:51	13:45:35.0	+79:23:48	300	90	3.0	Astro100	2	
0099.NSVS0103	300	07:54	13:45:35.0	+79:23:48	300	90	3.0	Astro100	2	
0100.COMP	5	08:00	13:45:35.0	+79:23:48	300	90	3.0	0 Calibration	2	
0101.Feige66	120	08:05	12:37:23.5	+25:04:00	300	90	3.0	#56 Spectropho	2	
0102.COMP	5	08:08	12:37:23.5	+25:04:00	300	89	3.0	0 Calibration	2	
0103.PG_1206+459	900	08:15	12:08:58.0	+45:40:36	300	89	3.0	#56 Spectropho	2	
0104.PG_1206+459	900	08:31	12:08:58.0	+45:40:36	300	89	3.0	#56 Spectropho	2	
0105.COMP	5	08:46	12:08:58.0	+45:40:36	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	21:33	02:32:23.1	+31:26:54	300	88	3.0	0 Calibration	2	
0002.COMP	5	21:36	02:32:23.1	+31:26:54	300	88	3.0	0 Calibration	2	
0003-0007.DARK	900	23:31	02:32:23.1	+31:26:54	300	90	3.0	0 Calibration	2	
0008-0017.BIAS	0	01:35	02:32:23.1	+31:26:54	300	90	3.0	0 Calibration	2	
0018-0037.FLAT	7	01:47	06:39:04.1	+31:31:29	300	91	3.0	0 Calibration	2	
0038.G191B2B	300	02:43	05:05:30.6	+52:49:52	300	91	3.0	#56 Spectropho	2	
0039.COMP	5	02:49	05:05:30.6	+52:49:52	300	91	3.0	0 Calibration	2	short comp
0040.Hiltner600	90	02:57	06:45:13.4	+02:08:15	300	91	3.0	#56 Spectropho	2	
0041.COMP	5	02:59	06:45:13.4	+02:08:15	300	90	3.0	0 Calibration	2	short comp
0042.209P	1800	03:19	06:53:01.4	+72:53:00	300	90	3.0	#173	2	
0043.COMP	5	03:51	06:53:01.4	+72:53:00	300	90	3.0	0 Calibration	2	short comp
0044.Asteroid.Erigone.163	180	04:03	10:05:38.7	+12:37:53	300	90	3.0	#173 Small Sol	2	
0045.COMP	10	04:07	10:05:38.7	+12:37:53	300	90	3.0	0 Calibration	2	
0046.A00267.2	1800	04:13	08:56:49.8	+21:49:50	300	60	3.0	#216 Local Com	2	
0046.A00267.2q.ms	1800	04:13	08:56:49.8	+21:49:50	300	60	3.0	#216 Local Com	1	
0047.COMP	10	04:44	08:56:49.8	+21:49:50	300	60	3.0	0 Calibration	2	
0048.sn2014ai	1200	04:50	09:19:44.2	+33:45:50	300	90	3.0	#2 SN Observat	2	
0049.COMP	10	05:11	09:19:44.2	+33:45:50	300	90	3.0	0 Calibration	2	
0050.sn2014J	1200	05:22	09:55:42.1	+69:40:26	300	88	3.0	#2 SN Observat	2	
0051.sn2014J	1200	05:42	09:55:42.1	+69:40:26	300	88	3.0	#2 SN Observat	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0052.COMP	10	06:02	09:55:42.1	+69:40:26	300	88	3.0	0 Calibration	2	
0053.IRAS10120+1653	600	06:10	10:14:47.9	+16:38:50	300	89	3.0	#199 Optical n	2	
0054.IRAS10120+1653	1800	06:21	10:14:47.9	+16:38:50	300	89	3.0	#199 Optical n	2	
0055.COMP	10	06:52	10:14:47.9	+16:38:50	300	89	3.0	0 Calibration	2	
0056.psnJ1145	1200	06:56	11:45:03.6	+19:58:25	300	89	3.0	#2 SN Observat	2	
0057.COMP	10	07:17	11:45:03.6	+19:58:25	300	89	3.0	0 Calibration	2	
0058.sn2014ad	1800	07:26	12:40:11.1	+18:03:33	300	90	3.0	#2 SN Observat	2	
0059.COMP	10	07:56	12:40:11.1	+18:03:33	300	90	3.0	0 Calibration	2	
0060.SA102m370	180	08:01	10:56:33.8	-01:10:41	300	89	3.0	#173 Small Sol	2	
0061.COMP	10	08:04	10:56:33.8	-01:10:41	300	89	3.0	0 Calibration	2	
0062.Asteroid.495.Eulalia	1200	08:10	12:44:00.9	-04:27:18	300	89	3.0	#173 Small Sol	2	
0063.COMP	10	08:34	12:44:00.9	-04:27:18	300	89	3.0	0 Calibration	2	
0064.HD117860	10	08:38	13:33:11.3	-08:26:36	300	89	3.0	#173 Small Sol	2	
0065.COMP	10	08:40	13:33:11.3	-08:26:36	300	89	3.0	0 Calibration	2	
0066.NGC5204	1800	08:50	13:29:36.6	+58:25:13	300	-2	3.0	#199 Optical n	2	
0067.COMP	5	09:21	13:29:36.6	+58:25:13	300	-2	3.0	0 Calibration	2	
0068.NGC5204	60	09:47	13:29:36.6	+58:25:13	300	-3	3.0	#199 Optical n	2	
0069.NGC5204sky	720	09:51	13:29:36.6	+58:25:13	300	-3	3.0	#199 Optical n	2	
0070.UGC8686	600	10:10	13:43:40.1	+03:53:47	300	61	3.0	#199 Optical n	2	
0071.UGC8686	600	10:20	13:43:40.1	+03:53:47	300	61	3.0	#199 Optical n	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0072.UGC8686	600	10:31	13:43:40.1	+03:53:47	300	61	3.0	#199 Optical n	2	
0073.COMP	5	10:44	13:43:40.1	+03:53:47	300	1	3.0	0 Calibration	2	
0074.NGC5992	600	10:51	15:44:21.5	+41:05:11	300	1	3.0	#199 Optical n	2	
0075.NGC5992	600	11:01	15:44:21.5	+41:05:11	300	1	3.0	#199 Optical n	2	
0076.NGC5992	600	11:11	15:44:21.5	+41:05:11	300	1	3.0	#199 Optical n	2	
0077.COMP	10	11:27	15:44:21.5	+41:05:11	300	90	3.0	0 Calibration	2	
0078.HD144873	20	11:31	16:06:41.1	+34:06:02	300	90	3.0	#173 Small Sol	2	
0079.COMP	5	11:33	16:06:41.1	+34:06:02	300	90	3.0	0 Calibration	2	
0080.C2012k1	1200	11:39	16:04:45.2	+32:50:20	300	90	3.0	#173 Small Sol	2	
0081.COMP	10	12:00	16:04:45.2	+32:50:20	300	90	3.0	0 Calibration	2	
0082.Hen1341	12	12:06	17:08:36.0	-17:26:30	300	90	3.0	#12 Symbiotic	2	
0083.Hen1341	30	12:06	17:08:36.0	-17:26:30	300	90	3.0	#12 Symbiotic	2	
0084.Hen1341	60	12:07	17:08:36.0	-17:26:30	300	90	3.0	#12 Symbiotic	2	
0085.COMP	10	12:09	17:08:36.0	-17:26:30	300	90	3.0	0 Calibration	2	
0086.BDp332642	120	12:12	15:51:59.9	+32:56:54	300	90	3.0	#56 Spectropho	2	
0087.COMP	10	12:15	15:51:59.9	+32:56:54	300	90	3.0	0 Calibration	2	
0088-0097.BIAS	0	12:25	15:51:59.9	+32:56:54	300	90	3.0	0 Calibration	2	
0098-0112.FLAT	7	12:30	15:51:59.9	+32:56:54	300	90	3.0	0 Calibration	2	
0113-0117.DARK	900	13:48	15:51:59.9	+32:56:54	300	90	3.0	0 Calibration	2	
comp300+600.ms	10	05:47	10:39:36.9	+43:06:11	300	90	3.0	#56 Spectropho	1	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0005.DARK	900	00:22	15:51:59.9	+32:56:54	300	90	3.0	0 Calibration	2	
0006-0008.FLAT	7	00:50	15:51:59.9	+32:56:54	300	90	3.0	0 Calibration	2	
0009-0040.FLAT	7	01:01	05:55:48.1	+31:30:35	300	90	3.0	0 Calibration	2	
0041-0061.BIAS	0	01:09	05:55:48.1	+31:30:35	300	90	3.0	0 Calibration	2	
0062.COMP	10	01:59	05:55:48.1	+31:30:35	300	90	3.0	0 Calibration	2	
0063.Hiltner600	90	02:28	06:45:13.4	+02:08:15	300	90	3.0	#56 Spectropho	2	
0064.COMP	10	02:33	06:45:13.4	+02:08:15	300	90	3.0	0 Calibration	2	
0065.G191B2B	300	02:36	05:05:30.6	+52:49:52	300	90	3.0	#56 Spectropho	2	
0066.COMP	10	02:41	05:05:30.6	+52:49:52	300	90	3.0	0 Calibration	2	
0067.T13229891	90	02:45	06:12:59.5	+19:45:07	300	90	3.0	#192 DASCH Lon	2	
0068.COMP	10	02:47	06:12:59.5	+19:45:07	300	90	3.0	0 Calibration	2	
0069.T13229891	120	02:48	06:12:59.5	+19:45:07	300	90	3.0	#192 DASCH Lon	2	
0070.COMP	10	02:51	06:12:59.5	+19:45:07	300	90	3.0	0 Calibration	2	
0071.T13461231	120	02:54	07:15:02.2	+16:52:12	300	90	3.0	#192 DASCH Lon	2	
0072.T13461231	240	02:57	07:15:02.2	+16:52:12	300	90	3.0	#192 DASCH Lon	2	
0073.COMP	10	03:02	07:15:02.2	+16:52:12	300	90	3.0	0 Calibration	2	
0074.T191311701	120	03:04	07:20:59.0	+24:59:58	300	89	3.0	#192 DASCH Lon	2	
0075.T191311701	30	03:06	07:20:59.0	+24:59:58	300	89	3.0	#192 DASCH Lon	2	
0076.T191311701	10	03:08	07:20:59.0	+24:59:58	300	89	3.0	#192 DASCH Lon	2	
0077.COMP	10	03:09	07:20:59.0	+24:59:58	300	89	3.0	0 Calibration	2	



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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0078.T13668881	120	03:12	07:44:56.9	+17:43:18	300	89	3.0	#192 DASCH Lon	2	
0079.COMP	5	03:16	07:44:56.9	+17:43:18	300	89	3.0	0 Calibration	2	
0080.COMP	10	03:17	07:44:56.9	+17:43:18	300	89	3.0	0 Calibration	2	
0081.T37966671	180	03:19	08:04:09.1	+53:16:43	300	90	3.0	#192 DASCH Lon	2	
0082.COMP	10	03:23	08:04:09.1	+53:16:43	300	90	3.0	0 Calibration	2	
0083.T222361	180	03:27	08:36:47.4	+06:59:22	300	89	3.0	#192 DASCH Lon	2	
0084.COMP	10	03:31	08:36:47.4	+06:59:22	300	89	3.0	0 Calibration	2	
0085.T48653671	240	03:33	08:58:00.3	-00:19:53	300	90	3.0	#192 DASCH Lon	2	
0086.BGGem	300	03:41	06:03:31.0	+27:41:50	300	89	3.0	#12 Symbiotic	2	
0087.COMP	10	03:47	06:03:31.0	+27:41:50	300	89	3.0	0 Calibration	2	
0088.BXMon	15	03:50	07:25:23.0	-03:35:51	300	90	3.0	#12 Symbiotic	2	
0089.BXMon	180	03:51	07:25:23.0	-03:35:51	300	90	3.0	#12 Symbiotic	2	
0090.COMP	10	03:55	07:25:23.0	-03:35:51	300	90	3.0	0 Calibration	2	
0091.SS129	300	03:59	07:32:45.0	-26:49:16	300	81	3.0	#12 Symbiotic	2	
0092.SS129	300	04:04	07:32:45.0	-26:49:16	300	81	3.0	#12 Symbiotic	2	
0093.sn2014ai	1200	04:13	09:19:44.2	+33:45:50	300	89	3.0	#2 SN Observat	2	
0094.COMP	10	04:34	09:19:44.2	+33:45:50	300	89	3.0	0 Calibration	2	
0095.sn2014J	1200	04:36	09:55:42.1	+69:40:26	300	90	3.0	#2 SN Observat	2	
0096.sn2014J	1200	04:57	09:55:42.1	+69:40:26	300	90	3.0	#2 SN Observat	2	
0097.COMP	10	05:17	09:55:42.1	+69:40:26	300	90	3.0	0 Calibration	2	

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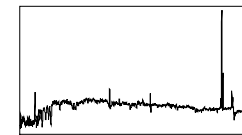
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0098.CGCG181-068	720	05:20	09:37:19.4	+33:49:24	300	55	3.0	#199 Optical n	2	
0099.CGCG181-068	720	05:32	09:37:19.4	+33:49:24	300	55	3.0	#199 Optical n	2	
0100.CGCG181-068	720	05:44	09:37:19.4	+33:49:24	300	55	3.0	#199 Optical n	2	
0101.COMP	10	05:57	09:37:19.4	+33:49:24	300	55	3.0	0 Calibration	2	
0102.T345210561	240	05:59	11:59:58.3	+47:30:53	300	55	3.0	#192 DASCH Lon	2	
0103.COMP	10	06:04	11:59:58.3	+47:30:53	300	53	3.0	0 Calibration	2	
0104.sn2013ge	1800	06:08	10:34:48.5	+21:39:42	300	90	3.0	#2 SN Observat	2	
0105.COMP	10	06:38	10:34:48.5	+21:39:42	300	90	3.0	0 Calibration	2	
0106.psnJ1145	1200	06:40	11:45:03.6	+19:58:25	300	90	3.0	#2 SN Observat	2	
0107.COMP	10	07:01	11:45:03.6	+19:58:25	300	90	3.0	0 Calibration	2	
0108.sn2014ad	1200	07:07	11:57:44.4	-10:10:16	300	90	3.0	#2 SN Observat	2	
0109.COMP	10	07:27	11:57:44.4	-10:10:16	300	90	3.0	0 Calibration	2	
0110.sn2014L	1800	07:36	12:18:48.7	+14:24:44	300	89	3.0	#2 SN Observat	2	
0111.COMP	10	08:07	12:18:48.7	+14:24:44	300	89	3.0	0 Calibration	2	
0112.NGC4162	780	08:11	12:11:52.5	+24:07:26	300	-15	3.0	#199 Optical n	2	
0113.NGC4162	780	08:24	12:11:52.5	+24:07:26	300	-15	3.0	#199 Optical n	2	
0114.NGC4162	780	08:37	12:11:52.5	+24:07:26	300	-15	3.0	#199 Optical n	2	
0115.COMP	10	08:50	12:11:52.5	+24:07:26	300	-15	3.0	0 Calibration	2	
0116.NGC4162sky	180	08:52	12:11:52.5	+24:07:26	300	-15	3.0	#199 Optical n	2	
0117.T3097271	240	08:59	13:55:28.0	+00:15:22	300	89	3.0	#192 DASCH Lon	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0118.COMP	10	09:04	13:55:28.0	+00:15:22	300	89	3.0	0 Calibration	2	
0119.SDSSJ1522+3913	1800	09:10	15:22:38.8	+39:13:52	300	90	3.0	#Possible xray	2	
0120.COMP	10	09:41	15:22:38.8	+39:13:52	300	90	3.0	0 Calibration	2	
0121.asteroid.2003gs	600	10:00	14:37:18.1	-23:56:06	300	90	3.0	#173 Small Sol	2	
0122.asteroid.2003gs	600	10:10	14:37:18.1	-23:56:06	300	90	3.0	#173 Small Sol	2	
0123.asteroid.2003gs	600	10:20	14:37:18.1	-23:56:06	300	90	3.0	#173 Small Sol	2	
0124.HD117860	10	10:33	13:33:11.3	-08:26:36	300	90	3.0	#173 Small Sol	2	
0125.COMP	10	10:33	13:33:11.3	-08:26:36	300	90	3.0	0 Calibration	2	
0126.T202910301	180	10:43	15:35:36.6	+25:45:10	300	90	3.0	#192 DASCH Lon	2	
0127.COMP	10	10:47	15:35:36.6	+25:45:10	300	90	3.0	0 Calibration	2	
0128.S2332013424	300	10:49	15:49:15.4	-26:00:54	300	90	3.0	#192 DASCH Lon	2	
0129.COMP	10	10:55	15:49:15.4	-26:00:54	300	90	3.0	0 Calibration	2	
0130.TCrB	15	11:28	15:59:30.0	+25:55:12	300	90	3.0	#12 Symbiotic	2	
0131.TCrB	120	11:30	15:59:30.0	+25:55:12	300	90	3.0	#12 Symbiotic	2	
0132.COMP	10	11:32	15:59:30.0	+25:55:12	300	90	3.0	0 Calibration	2	
0133.AGDra	2	11:36	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0134.AGDra	15	11:36	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0135.AGDra	60	11:37	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0136.AGDra	240	11:38	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0137.COMP	10	11:43	16:01:41.0	+66:48:10	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>
0138.Hen1341	12	11:53	17:08:36.0	-17:26:30	300	90	3.0	#12 Symbiotic	2	
0139.PG1708p602	300	11:58	17:09:15.8	+60:10:10	300	90	3.0	#56 Spectropho	2	
0140.COMP	10	12:03	17:09:15.8	+60:10:10	300	90	3.0	0 Calibration	2	
0141-0160.FLAT	7	12:10	17:09:15.8	+60:10:10	300	90	3.0	0 Calibration	2	
0161-0170.BIAS	0	12:14	17:09:15.8	+60:10:10	300	90	3.0	0 Calibration	2	
0171-0180.DARK	900	14:51	17:09:15.8	+60:10:10	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	01:39	17:09:15.8	+60:10:10	300	90	3.0	0 Calibration	2	
0011-0025.FLAT	7	01:45	17:09:15.8	+60:10:10	300	90	3.0	0 Calibration	2	
0026.HIP36046	10	02:19	07:25:43.7	+27:47:54	300	90	3.0	#57 Velocity S	2	
0027.HIP36046	2	02:21	07:25:43.7	+27:47:54	300	90	3.0	#57 Velocity S	2	
0028.COMP	10	02:22	07:25:43.7	+27:47:54	300	90	3.0	0 Calibration	2	
0029.Hiltner600	90	02:27	06:45:13.4	+02:08:15	300	90	3.0	#56 Spectropho	2	
0030.Hiltner600	180	02:31	06:45:13.4	+02:08:15	300	90	3.0	#56 Spectropho	2	
0031.Hiltner600	180	02:37	06:45:13.4	+02:08:15	300	90	3.0	#56 Spectropho	2	
0032.COMP	10	02:43	06:45:13.4	+02:08:15	300	90	3.0	0 Calibration	2	
0033.G191B2B	600	02:51	05:05:30.6	+52:49:52	300	90	3.0	#56 Spectropho	2	
0034.COMP	10	03:04	05:05:30.6	+52:49:52	300	90	3.0	0 Calibration	2	
0035.IRAS08572+3915NW	720	03:22	09:00:25.4	+39:03:54	300	111	3.0	#199 Optical n	2	
0036.IRAS08572+3915NW	720	03:36	09:00:25.4	+39:03:54	300	111	3.0	#199 Optical n	2	
0037.IRAS08572+3915NW	720	03:48	09:00:25.4	+39:03:54	300	111	3.0	#199 Optical n	2	
0038.COMP	10	04:02	09:00:25.4	+39:03:54	300	111	3.0	0 Calibration	2	
0039.sn2014ai	1200	04:05	09:19:44.2	+33:45:50	300	90	3.0	#2 SN Observat	2	
0040.COMP	10	04:26	09:19:44.2	+33:45:50	300	90	3.0	0 Calibration	2	
0041.sn2014J	1200	04:30	09:55:42.1	+69:40:26	300	90	3.0	#2 SN Observat	2	
0042.sn2014J	1200	04:50	09:55:42.1	+69:40:26	300	90	3.0	#2 SN Observat	2	
0043.COMP	10	05:11	09:55:42.1	+69:40:26	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
0044.Asteroid.Erigone.163	180	05:17	10:05:19.5	+12:45:19	300	90	3.0	#173 Small Sol	2	
0045.Asteroid.Erigone.163	180	05:21	10:05:19.5	+12:45:19	300	90	3.0	#173 Small Sol	2	
0046.Asteroid.Erigone.163	180	05:24	10:05:19.5	+12:45:19	300	90	3.0	#173 Small Sol	2	
0047.COMP	10	05:28	10:05:19.5	+12:45:19	300	90	3.0	0 Calibration	2	
0048.SA102m370	300	05:30	10:56:33.8	-01:10:41	300	90	3.0	#173 Small Sol	2	
0049.COMP	10	05:36	10:56:33.8	-01:10:41	300	90	3.0	0 Calibration	2	
0050.A00724.1	1200	06:24	11:18:26.8	+04:59:30	300	90	3.0	#216 Local Com	2	
0051.COMP	10	06:44	11:18:26.8	+04:59:30	300	90	3.0	0 Calibration	2	
0052.psnJ1145	1200	06:49	11:45:03.6	+19:58:25	300	90	3.0	#2 SN Observat	2	
0053.COMP	10	07:10	11:45:03.6	+19:58:25	300	90	3.0	0 Calibration	2	
0054.sn14ad	1200	07:14	11:57:44.4	-10:10:16	300	90	3.0	#2 SN Observat	2	
0055.COMP	10	07:34	11:57:44.4	-10:10:16	300	90	3.0	0 Calibration	2	
0056.NGC4294	600	07:39	12:21:17.8	+11:30:38	300	-19	3.0	#199 Optical n	2	
0057.NGC4294	600	07:49	12:21:17.8	+11:30:38	300	-19	3.0	#199 Optical n	2	
0058.NGC4294	600	08:00	12:21:17.8	+11:30:38	300	-19	3.0	#199 Optical n	2	
0059.COMP	10	08:11	12:21:17.8	+11:30:38	300	-19	3.0	0 Calibration	2	
0060.NGC4294sky	600	08:12	12:21:17.8	+11:30:38	300	-19	3.0	#199 Optical n	2	
0061.COMP	10	08:23	12:21:17.8	+11:30:38	300	-19	3.0	0 Calibration	2	
0062.SDSSJ1522p3913	1800	08:51	15:22:38.8	+39:13:52	300	90	3.0	#192 DASCH Lon	2	
0063.COMP	10	09:22	15:22:38.8	+39:13:52	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.MCG6-33-022	600	09:26	15:08:05.7	+34:23:22	300	42	3.0	#199 Optical n	2	
0065.MCG6-33-022	600	09:36	15:08:05.7	+34:23:22	300	42	3.0	#199 Optical n	2	
0066.MCG6-33-022	600	09:46	15:08:05.7	+34:23:22	300	42	3.0	#199 Optical n	2	
0067.COMP	10	09:57	15:08:05.7	+34:23:22	300	42	3.0	0 Calibration	2	
0068.IRAS155193+3537	600	10:09	15:53:48.9	+35:28:02	300	-39	3.0	#199 Optical n	2	
0069.IRAS155193+3537	600	10:20	15:53:48.9	+35:28:02	300	-39	3.0	#199 Optical n	2	
0070.IRAS155193+3537	600	10:30	15:53:48.9	+35:28:02	300	-39	3.0	#199 Optical n	2	
0071.COMP	10	10:41	15:53:48.9	+35:28:02	300	-39	3.0	0 Calibration	2	
0072.SDSSJ1522p3913	1800	10:47	15:22:38.8	+39:13:52	300	90	3.0	#192 DASCH Lon	2	
0073.COMP	10	11:18	15:22:38.8	+39:13:52	300	90	3.0	0 Calibration	2	
0074.HD144873	15	11:21	16:06:41.1	+34:06:02	300	90	3.0	#173 Small Sol	2	
0076.COMP	10	11:41	14:07:37.0	+11:34:33	300	90	3.0	0 Calibration	2	
0077.A00199.3	1200	11:48	16:19:43.3	+26:42:41	300	71	3.0	#216 Local Com	2	
0078.COMP	10	12:09	16:19:43.3	+26:42:41	300	71	3.0	0 Calibration	2	
0079.SDSSJ1522p3913	1200	12:12	15:22:38.8	+39:13:52	300	89	3.0	#192 DASCH Lon	2	
0080.COMP	10	12:33	15:22:38.8	+39:13:52	300	89	3.0	0 Calibration	2	
0081-0090.BIAS	0	12:54	15:22:38.8	+39:13:52	300	90	3.0	0 Calibration	2	
0091-0105.FLAT	7	12:59	15:22:38.8	+39:13:52	300	90	3.0	0 Calibration	2	
0106-0115.DARK	900	15:19	15:22:38.8	+39:13:52	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	01:42	15:22:38.8	+39:13:52	300	90	3.0	0 Calibration	2	
0011-0025.FLAT	7	01:48	15:22:38.8	+39:13:52	300	90	3.0	0 Calibration	2	
0026.G191B2B	300	02:33	05:05:30.6	+52:49:52	300	90	3.0	#56 Spectropho	2	
0027.COMP	10	02:38	05:05:30.6	+52:49:52	300	90	3.0	0 Calibration	2	
0028.Hiltner600	90	02:48	06:45:13.4	+02:08:15	300	100	3.0	#56 Spectropho	2	
0029.COMP	10	02:49	06:45:13.4	+02:08:15	300	100	3.0	0 Calibration	2	
0030.comet.209p	720	03:03	06:56:27.0	+72:42:29	300	100	3.0	#173 Small Sol	2	
0031.comet.209p	1800	03:19	06:56:27.0	+72:42:29	300	100	3.0	#173 Small Sol	2	
0032.comet.209p	1800	03:52	06:56:27.0	+72:42:29	300	110	3.0	#173 Small Sol	2	
0033.COMP	10	04:23	06:56:27.0	+72:42:29	300	110	3.0	0 Calibration	2	
0034.HD86728	2	04:26	10:01:00.7	+31:55:25	300	91	3.0	#173 Small Sol	2	
0035.COMP	10	04:27	10:01:00.7	+31:55:25	300	91	3.0	0 Calibration	2	
0036.sn2014ai	1200	04:31	09:19:44.2	+33:45:50	300	91	3.0	#2 SN Observat	2	
0037.COMP	10	04:52	09:19:44.2	+33:45:50	300	91	3.0	0 Calibration	2	
0038.sn2014J	1200	04:57	09:55:42.1	+69:40:26	300	89	3.0	#2 SN Observat	2	
0039.sn2014J	1200	05:17	09:55:42.1	+69:40:26	300	89	3.0	#2 SN Observat	2	
0040.COMP	10	05:38	09:55:42.1	+69:40:26	300	89	3.0	0 Calibration	2	
0041.IRAS09197+2210	600	05:45	09:22:37.4	+21:57:27	300	23	3.0	#199 Optical n	2	
0042.IRAS09197+2210	720	05:55	09:22:37.4	+21:57:27	300	23	3.0	#199 Optical n	2	
0043.IRAS09197+2210	720	06:08	09:22:37.4	+21:57:27	300	23	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.COMP	10	06:21	09:22:37.4	+21:57:27	300	23	3.0	0 Calibration	2	
0045.psnJ1145	1200	06:27	11:45:03.6	+19:58:25	300	0	3.0	#2 SN Observat	2	
0046.COMP	10	06:48	11:45:03.6	+19:58:25	300	0	3.0	0 Calibration	2	
0047.sn14ad	1200	07:01	11:57:44.4	-10:10:16	300	90	3.0	#2 SN Observat	2	
0048.COMP	10	07:22	11:57:44.4	-10:10:16	300	90	3.0	0 Calibration	2	
0049.Asteroid.495.Eulalia	120	07:42	12:41:24.1	-04:08:17	300	90	3.0	#173 Small Sol	2	
0050.Asteroid.495.Eulalia	180	07:50	12:41:24.1	-04:08:17	300	90	3.0	#173 Small Sol	2	
0051.Asteroid.495.Eulalia	180	07:53	12:41:24.1	-04:08:17	300	90	3.0	#173 Small Sol	2	
0052.Asteroid.495.Eulalia	180	07:56	12:41:24.1	-04:08:17	300	90	3.0	#173 Small Sol	2	
0053.COMP	10	07:59	12:41:24.1	-04:08:17	300	90	3.0	0 Calibration	2	
0054.HD117860	5	08:07	13:33:11.3	-08:26:36	300	90	3.0	#173 Small Sol	2	
0055.COMP	10	08:08	13:33:11.3	-08:26:36	300	90	3.0	0 Calibration	2	
0056.SDSSJ1522p3913	1800	08:13	15:22:38.8	+39:13:52	300	90	3.0	#192 DASCH Lon	2	
0057.COMP	10	08:44	15:22:38.8	+39:13:52	300	90	3.0	0 Calibration	2	
0058.UGC8357_NED01	600	08:48	13:17:58.8	-00:18:42	300	43	3.0	#199 Optical n	2	
0059.UGC8357_NED01	600	08:59	13:17:58.8	-00:18:42	300	43	3.0	#199 Optical n	2	
0060.UGC8357_NED01	600	09:09	13:17:58.8	-00:18:42	300	43	3.0	#199 Optical n	2	
0061.COMP	10	09:20	13:17:58.8	-00:18:42	300	43	3.0	0 Calibration	2	
0062.Asteroid.275677.RS11	1200	09:42	15:07:02.3	+40:10:50	300	90	3.0	#173 Small Sol	2	
0063.Asteroid.275677.RS11	1200	10:03	15:07:02.3	+40:10:50	300	90	3.0	#173 Small Sol	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0064.Asteroid.275677.RS11	1200	10:24	15:07:02.3	+40:10:50	300	90	3.0	#173 Small Sol	2	
0065.COMP	10	10:45	15:07:02.3	+40:10:50	300	90	3.0	0 Calibration	2	
0066.HD144873	10	10:48	16:06:41.1	+34:06:02	300	90	3.0	#173 Small Sol	2	
0067.COMP	10	10:49	16:06:41.1	+34:06:02	300	90	3.0	0 Calibration	2	
0068.SDSSJ1522p3913	1800	10:53	15:22:38.8	+39:13:52	300	90	3.0	#192 DASCH Lon	2	
0069.COMP	10	11:24	15:22:38.8	+39:13:52	300	90	3.0	0 Calibration	2	
0070.MCG6-32-070	600	11:28	14:35:18.4	+35:07:07	300	90	3.0	#199 Optical n	2	
0071.MCG6-32-070	600	11:38	14:35:18.4	+35:07:07	300	90	3.0	#199 Optical n	2	
0072.MCG6-32-070	600	11:48	14:35:18.4	+35:07:07	300	90	3.0	#199 Optical n	2	
0073.COMP	10	11:59	14:35:18.4	+35:07:07	300	90	3.0	0 Calibration	2	
0074.YYHer	60	12:10	18:14:34.0	+20:59:19	300	90	3.0	#12 Symbiotic	2	
0075.YYHer	60	12:11	18:14:34.0	+20:59:19	300	90	3.0	#12 Symbiotic	2	
0076.YYHer	60	12:12	18:14:34.0	+20:59:19	300	90	3.0	#12 Symbiotic	2	
0077.YYHer	60	12:14	18:14:34.0	+20:59:19	300	90	3.0	#12 Symbiotic	2	
0078.YYHer	60	12:15	18:14:34.0	+20:59:19	300	90	3.0	#12 Symbiotic	2	
0079.YYHer	60	12:16	18:14:34.0	+20:59:19	300	90	3.0	#12 Symbiotic	2	
0080.YYHer	60	12:17	18:14:34.0	+20:59:19	300	90	3.0	#12 Symbiotic	2	
0081.YYHer	60	12:18	18:14:34.0	+20:59:19	300	90	3.0	#12 Symbiotic	2	
0082.YYHer	60	12:20	18:14:34.0	+20:59:19	300	90	3.0	#12 Symbiotic	2	
0083.YYHer	60	12:21	18:14:34.0	+20:59:19	300	90	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>
0084.COMP	10	12:23	18:14:34.0	+20:59:19	300	90	3.0	0 Calibration	2	
0085-0094.BIAS	0	12:27	18:14:34.0	+20:59:19	300	90	3.0	0 Calibration	2	
0095-0109.FLAT	7	12:32	18:14:34.0	+20:59:19	300	90	3.0	0 Calibration	2	
0110-0114.DARK	1200	13:56	18:14:34.0	+20:59:19	300	90	3.0	0 Calibration	2	