

UT Date 2015-07-11 Observers P ChallisColl. Focus 1380 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0003.DARK	1200	22:48	05:01:48.3	+31:29:30	300	88	3.0	0 Calibration	2	
0004.BIAS	0	02:44	14:33:39.7	+31:34:21	300	87	3.0	0 Calibration	2	
0005.COMP	10	02:45	14:33:39.7	+31:34:21	300	87	3.0	0 Calibration	2	
0006-0015.BIAS	0	02:51	14:33:39.7	+31:34:21	300	87	3.0	0 Calibration	2	
0016-0030.FLAT	7	02:56	14:33:39.7	+31:34:21	300	87	3.0	0 Calibration	2	
0031.HIP75695	1	03:12	15:27:49.9	+29:06:20	300	90	3.0	#57 Velocity S	2	
0032.HIP75695	1	03:12	15:27:49.9	+29:06:20	300	90	3.0	#57 Velocity S	2	
0033.HIP75695	5	03:13	15:27:49.9	+29:06:20	300	90	3.0	#57 Velocity S	2	
0034.BDp262606	30	03:44	14:49:02.4	+25:42:06	300	90	3.0	#2 SN Observat	2	
0035.COMP	10	03:45	14:49:02.4	+25:42:06	300	90	3.0	0 Calibration	2	
0036.BDp332642	45	03:49	15:51:59.9	+32:56:55	300	90	3.0	#2 SN Observat	2	
0037.COMP	10	03:50	15:51:59.9	+32:56:55	300	90	3.0	0 Calibration	2	
0038.snASASSN15lg	1800	03:53	13:15:32.8	+03:30:02	300	90	3.0	#2 SN Observat	2	
0039.COMP	10	04:24	13:15:32.8	+03:30:02	300	90	3.0	0 Calibration	2	
0040.snASASSN15la	1800	04:26	14:12:51.2	+35:42:39	300	90	3.0	#2 SN Observat	2	
0041.COMP	10	04:57	14:12:51.2	+35:42:39	300	90	3.0	0 Calibration	2	
0042.snASASSN15mg	1800	05:18	15:32:22.8	+41:51:00	300	90	3.0	#2 SN Observat	2	
0043.COMP	10	05:49	15:32:22.8	+41:51:00	300	90	3.0	0 Calibration	2	
0044.snASASSN15mg	1800	05:50	15:32:22.8	+41:51:00	300	90	3.0	#2 SN Observat	2	
0045.COMP	10	06:20	15:32:22.8	+41:51:00	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>
0046.m57	600	06:27	18:53:35.0	+33:01:45	300	89	3.0	#2 SN Observat	2	
0047.COMP	10	06:37	18:53:35.0	+33:01:45	300	89	3.0	0 Calibration	2	
0048.BIAS	0	08:36	20:26:19.3	+31:27:22	300	87	3.0	0 Calibration	2	
0049.BIAS	0	14:25	02:17:13.3	+31:26:31	300	86	3.0	0 Calibration	2	
0050.COMP	5	14:27	02:17:13.3	+31:26:31	300	91	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	01:40	13:28:59.5	+31:35:07	300	90	3.0	0 Calibration	4	
0002-0011.BIAS	0	03:13	13:28:59.5	+31:35:07	600	90	1.5	0 Calibration	4	
0012-0026.FLAT	12	03:19	13:28:59.5	+31:35:07	600	90	1.5	0 Calibration	4	
0027.BIAS	0	04:04	14:42:52.7	+64:29:28	600	90	1.5	0 Calibration	4	
0028.galex10	300	04:08	14:42:52.7	+64:29:28	600	90	1.5	#178 Low Mass	4	
0029.galex10	300	04:28	14:42:27.9	+64:30:59	600	89	1.5	#178 Low Mass	4	
0030.COMP	10	04:33	14:42:27.9	+64:30:59	600	89	1.5	0 Calibration	4	
0031.galex10	300	04:34	14:42:27.9	+64:30:59	600	89	1.5	#178 Low Mass	4	
0032.COMP	10	04:39	14:42:27.9	+64:30:59	600	89	1.5	0 Calibration	4	
0033.galex10	300	04:40	14:42:27.9	+64:30:59	600	86	1.5	#178 Low Mass	4	
0034.COMP	10	04:46	14:42:27.9	+64:30:59	600	86	1.5	0 Calibration	4	
0035.galex10	300	04:46	14:42:27.9	+64:30:59	600	86	1.5	#178 Low Mass	4	
0036.COMP	10	04:52	14:42:27.9	+64:30:59	600	86	1.5	0 Calibration	4	
0037.j1445p14	840	04:58	14:45:10.3	+14:13:45	600	86	1.5	#178 Low Mass	4	
0038.COMP	10	05:13	14:45:10.3	+14:13:45	600	89	1.5	0 Calibration	4	
0039.j1445p14	840	05:14	14:45:10.3	+14:13:45	600	89	1.5	#178 Low Mass	4	
0040.COMP	10	05:28	14:45:10.3	+14:13:45	600	89	1.5	0 Calibration	4	
0041.j1445p14	840	05:29	14:45:10.3	+14:13:45	600	89	1.5	#178 Low Mass	4	
0042.COMP	10	05:44	14:45:10.3	+14:13:45	600	89	1.5	0 Calibration	4	
0043.galex12	300	05:49	15:09:57.6	+62:13:34	600	89	1.5	#178 Low Mass	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0044.COMP	10	05:55	15:09:57.6	+62:13:34	600	89	1.5	0 Calibration	4	
0045.galex12	300	05:56	15:09:57.6	+62:13:34	600	89	1.5	#178 Low Mass	4	
0046.COMP	10	06:02	15:09:57.6	+62:13:34	600	89	1.5	0 Calibration	4	
0047.galex12	300	06:02	15:09:57.6	+62:13:34	600	89	1.5	#178 Low Mass	4	
0048.COMP	10	06:08	15:09:57.6	+62:13:34	600	89	1.5	0 Calibration	4	
0049.hotwd150	780	06:12	16:48:58.8	+24:58:02	600	89	1.5	#178 Low Mass	4	
0050.COMP	10	06:25	16:48:58.8	+24:58:02	600	89	1.5	0 Calibration	4	
0051.hotwd150	780	06:27	16:48:58.8	+24:58:02	600	89	1.5	#178 Low Mass	4	
0052.COMP	10	06:40	16:48:58.8	+24:58:02	600	88	1.5	0 Calibration	4	
0053.hotwd150	780	06:41	16:48:58.8	+24:58:02	600	88	1.5	#178 Low Mass	4	
0054.COMP	10	06:54	16:48:58.8	+24:58:02	600	88	1.5	0 Calibration	4	
0055.hotwd150	780	06:56	16:48:58.8	+24:58:02	600	90	1.5	#178 Low Mass	4	
0056.COMP	10	07:09	16:48:58.8	+24:58:02	600	90	1.5	0 Calibration	4	
0057.bd284411	30	07:13	21:51:11.1	+28:51:52	600	90	1.5	#2 SN Observat	4	
0058.COMP	10	07:14	21:51:11.1	+28:51:52	600	90	1.5	0 Calibration	4	
0059.hs2220abnorthwd	609	07:17	22:23:01.7	+22:01:25	600	90	1.5	#178 Low Mass	4	
0060.COMP	10	07:27	22:23:01.7	+22:01:25	600	85	1.5	0 Calibration	4	
0061.hs2220ab	900	07:49	22:23:01.7	+22:01:25	600	-12	1.5	#178 Low Mass	4	
0062.COMP	10	08:04	22:23:01.7	+22:01:25	600	-12	1.5	0 Calibration	4	
0063.hs2220ab	900	08:05	22:23:01.7	+22:01:25	600	-11	1.5	#178 Low Mass	4	

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0064.COMP	10	08:21	22:23:01.7	+22:01:25	600	-12	1.5	0 Calibration	4	
0065.hs2220ab	900	08:22	22:23:01.7	+22:01:25	600	-12	1.5	#178 Low Mass	4	
0066.COMP	10	08:38	22:23:01.7	+22:01:25	600	-12	1.5	0 Calibration	4	
0067-0069.BIAS	0	08:41	22:23:01.7	+22:01:25	600	-12	1.5	0 Calibration	2	
0070.hs2220ab	900	08:41	22:23:01.7	+22:01:25	600	-12	1.5	#178 Low Mass	2	
0071.COMP	10	08:56	22:23:01.7	+22:01:25	600	-12	1.5	0 Calibration	2	
0072.hs2220ab	900	08:58	22:23:01.7	+22:01:25	600	-12	1.5	#178 Low Mass	2	
0073.COMP	10	09:13	22:23:01.7	+22:01:25	600	-12	1.5	0 Calibration	2	
0074.hs2220ab	900	09:15	22:23:01.7	+22:01:25	600	-12	1.5	#178 Low Mass	2	
0075.COMP	10	09:31	22:23:01.7	+22:01:25	600	-12	1.5	0 Calibration	2	
0076.hs2220ab	900	09:32	22:23:01.7	+22:01:25	600	-12	1.5	#178 Low Mass	2	
0077.COMP	10	09:47	22:23:01.7	+22:01:25	600	-12	1.5	0 Calibration	2	
0078-0087.BIAS	0	09:57	21:51:11.1	+28:51:52	600	89	1.5	0 Calibration	2	
0088-0102.FLAT	7	10:02	21:51:11.1	+28:51:52	600	89	1.5	0 Calibration	2	

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0001-0003.BIAS	0	21:30	09:38:28.5	+31:34:47	300	89	3.0	0 Calibration	2	
0004-0008.DARK	900	22:32	09:38:28.5	+31:34:47	300	89	3.0	0 Calibration	2	
0009-0013.DARK	900	23:49	09:38:28.5	+31:34:47	300	89	3.0	0 Calibration	4	
0014.COMP	10	01:57	09:38:28.5	+31:34:47	300	89	3.0	0 Calibration	2	
0015-0024.BIAS	0	02:00	09:38:28.5	+31:34:47	300	89	3.0	0 Calibration	2	
0025.FLAT	7	02:01	09:38:28.5	+31:34:47	300	89	3.0	0 Calibration	2	300-line, 3-sec
0026-0039.FLAT	7	02:06	09:38:28.5	+31:34:47	300	89	3.0	0 Calibration	2	
0040-0042.sky	4	02:41	14:40:00.0	+31:40:00	300	90	3.0	#57 Velocity S	2	
0043.COMP	10	02:42	14:40:00.0	+31:40:00	300	90	3.0	0 Calibration	2	
0044.test	10	03:10	15:20:00.0	+32:00:00	300	90	5.0	#223 NEOWISE N	2	
0045.FLAT	5	03:11	15:20:00.0	+32:00:00	300	90	5.0	0 Calibration	2	300-line, 5-sec, red 760, gg495
0046-0059.FLAT	5	03:15	15:20:00.0	+32:00:00	300	90	5.0	0 Calibration	2	
0060.HD117860	30	03:17	13:33:11.3	-08:26:36	300	90	5.0	#223 NEOWISE N	2	
0061.HD117860	15	03:19	13:33:11.3	-08:26:36	300	90	5.0	#223 NEOWISE N	2	
0062.HD117860	15	03:20	13:33:11.3	-08:26:36	300	90	5.0	#223 NEOWISE N	2	
0063.HD117860	15	03:20	13:33:11.3	-08:26:36	300	90	5.0	#223 NEOWISE N	2	
0064.COMP	10	03:20	13:33:11.3	-08:26:36	300	90	5.0	0 Calibration	2	
0065.HIP73815	30	03:22	15:05:13.2	+06:17:24	300	90	5.0	#223 NEOWISE N	2	
0066.HIP73815	30	03:23	15:05:13.2	+06:17:24	300	90	5.0	#223 NEOWISE N	2	
0067.HIP73815	30	03:24	15:05:13.2	+06:17:24	300	90	5.0	#223 NEOWISE N	2	

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0068.COMP	10	03:25	15:05:13.2	+06:17:24	300	90	5.0	0 Calibration	2	
0069.HD118598	30	03:26	13:38:13.7	-23:41:20	300	90	5.0	#223 NEOWISE N	2	
0070.HD118598	30	03:27	13:38:13.7	-23:41:20	300	90	5.0	#223 NEOWISE N	2	
0071.HD118598	30	03:27	13:38:13.7	-23:41:20	300	90	5.0	#223 NEOWISE N	2	
0072.COMP	10	03:28	13:38:13.7	-23:41:20	300	90	5.0	0 Calibration	2	
0073.c5186.1994AW1	720	03:30	14:21:30.5	-19:36:00	300	90	5.0	#223 NEOWISE N	2	
0074.c5186.1994AW1	720	03:43	14:21:30.5	-19:36:00	300	90	5.0	#223 NEOWISE N	2	
0075.c5186.1994AW1	303	03:55	14:21:30.5	-19:36:00	300	90	5.0	#223 NEOWISE N	2	
0076.COMP	10	04:00	14:21:30.5	-19:36:00	300	90	5.0	0 Calibration	2	
0077.HD117860	15	04:02	13:33:11.3	-08:26:36	300	90	5.0	#223 NEOWISE N	2	
0078.HD117860	15	04:02	13:33:11.3	-08:26:36	300	90	5.0	#223 NEOWISE N	2	
0079.HD117860	15	04:02	13:33:11.3	-08:26:36	300	90	5.0	#223 NEOWISE N	2	
0080.COMP	10	04:03	13:33:11.3	-08:26:36	300	90	5.0	0 Calibration	2	
0081.01036.Ganymed	300	04:04	14:35:43.7	+03:08:10	300	90	5.0	#223 NEOWISE N	2	
0082.01036.Ganymed	300	04:14	14:35:43.7	+03:08:10	300	90	5.0	#223 NEOWISE N	2	
0083.01036.Ganymed	300	04:20	14:35:43.7	+03:08:10	300	90	5.0	#223 NEOWISE N	2	
0084.01036.Ganymed	300	04:25	14:35:43.7	+03:08:10	300	90	5.0	#223 NEOWISE N	2	
0085.COMP	10	04:30	14:35:43.7	+03:08:10	300	90	5.0	0 Calibration	2	cloud delay
0086.HD138573	15	05:19	15:32:43.7	+10:58:06	300	90	5.0	#223 NEOWISE N	2	
0087.HD138573	15	05:19	15:32:43.7	+10:58:06	300	90	5.0	#223 NEOWISE N	2	

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0088.HD138573	15	05:20	15:32:43.7	+10:58:06	300	90	5.0	#223 NEOWISE N	2	
0089.COMP	10	05:21	15:32:43.7	+10:58:06	300	90	5.0	0 Calibration	2	
0090.242191.2003NZ6	1200	05:23	15:08:40.2	+52:31:45	300	90	5.0	#223 NEOWISE N	2	
0091.COMP	10	05:44	15:08:40.2	+52:31:45	300	90	5.0	0 Calibration	2	
0092.242191.2003NZ6	1200	05:44	15:08:40.2	+52:31:45	300	90	5.0	#223 NEOWISE N	2	
0093.COMP	10	06:05	15:08:40.2	+52:31:45	300	90	5.0	0 Calibration	2	
0094.242191.2003NZ6	1200	06:06	15:08:40.2	+52:31:45	300	90	5.0	#223 NEOWISE N	2	
0095.COMP	10	06:26	15:08:40.2	+52:31:45	300	90	5.0	0 Calibration	2	
0096.242191.2003NZ6	1200	06:27	15:08:40.2	+52:31:45	300	90	5.0	#223 NEOWISE N	2	
0097.COMP	10	06:47	15:08:40.2	+52:31:45	300	90	5.0	0 Calibration	2	
0098.HD144873	30	06:48	16:06:41.1	+34:06:02	300	90	5.0	#223 NEOWISE N	2	
0099.HD144873	30	06:49	16:06:41.1	+34:06:02	300	90	5.0	#223 NEOWISE N	2	
0100.HD144873	30	06:50	16:06:41.1	+34:06:02	300	90	5.0	#223 NEOWISE N	2	
0101.COMP	10	06:51	16:06:41.1	+34:06:02	300	90	5.0	0 Calibration	2	
0102.85989.1999JD6	420	06:53	21:25:05.1	+31:35:23	300	90	5.0	#223 NEOWISE N	2	
0103.85989.1999JD6	420	07:00	21:25:05.1	+31:35:23	300	90	5.0	#223 NEOWISE N	2	
0104.85989.1999JD6	420	07:08	21:25:05.1	+31:35:23	300	90	5.0	#223 NEOWISE N	2	
0105.85989.1999JD6	420	07:16	21:25:05.1	+31:35:23	300	90	5.0	#223 NEOWISE N	2	
0106.COMP	10	07:24	21:25:05.1	+31:35:23	300	90	5.0	0 Calibration	2	
0107.BDp404032	240	07:26	20:08:24.1	+41:15:04	300	90	5.0	#223 NEOWISE N	2	



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0108.COMP	10	07:30	20:08:24.1	+41:15:04	300	90	5.0	0 Calibration	2	
0109.HD192281	30	07:31	20:12:33.1	+40:16:05	300	90	5.0	#223 NEOWISE N	2	
0110.HD192281	15	07:32	20:12:33.1	+40:16:05	300	90	5.0	#223 NEOWISE N	2	
0111.COMP	10	07:33	20:12:33.1	+40:16:05	300	90	5.0	0 Calibration	2	
0112.4183.Cuno	1200	07:35	21:19:45.7	-12:57:49	300	90	5.0	#223 NEOWISE N	2	
0113.COMP	10	07:56	21:19:45.7	-12:57:49	300	90	5.0	0 Calibration	2	
0114.4183.Cuno	1200	07:56	21:19:45.7	-12:57:49	300	90	5.0	#223 NEOWISE N	2	
0115.COMP	10	08:17	21:19:45.7	-12:57:49	300	90	5.0	0 Calibration	2	
0116.4183.Cuno	1200	08:17	21:19:45.7	-12:57:49	300	90	5.0	#223 NEOWISE N	2	
0117.COMP	10	08:38	21:19:45.7	-12:57:49	300	90	5.0	0 Calibration	2	
0118.4183.Cuno	1200	08:39	21:19:45.7	-12:57:49	300	90	5.0	#223 NEOWISE N	2	
0119.COMP	10	08:59	21:19:45.7	-12:57:49	300	90	5.0	0 Calibration	2	
0120.HD219018	25	09:01	23:12:38.6	+02:41:10	300	90	5.0	#223 NEOWISE N	2	
0121.HD219018	25	09:02	23:12:38.6	+02:41:10	300	90	5.0	#223 NEOWISE N	2	
0122.HD219018	25	09:02	23:12:38.6	+02:41:10	300	90	5.0	#223 NEOWISE N	2	
0123.COMP	10	09:03	23:12:38.6	+02:41:10	300	90	5.0	0 Calibration	2	
0124.BDp174708	150	09:04	22:11:31.4	+18:05:34	300	90	5.0	#223 NEOWISE N	2	
0125.COMP	10	09:07	22:11:31.4	+18:05:34	300	90	5.0	0 Calibration	2	
0126.HD159222	10	09:09	17:32:00.9	+34:16:16	300	90	5.0	#223 NEOWISE N	2	
0127.HD159222	10	09:10	17:32:00.9	+34:16:16	300	90	5.0	#223 NEOWISE N	2	

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0128.HD159222	10	09:10	17:32:00.9	+34:16:16	300	90	5.0	#223 NEOWISE N	2	
0129.COMP	10	09:11	17:32:00.9	+34:16:16	300	90	5.0	0 Calibration	2	
0130.FLAT	5	09:11	17:32:00.9	+34:16:16	300	90	5.0	0 Calibration	2	extra flats for fringes
0131-0139.FLAT	5	09:14	17:32:00.9	+34:16:16	300	90	5.0	0 Calibration	2	
0140.test	10	09:16	22:00:00.0	+32:00:00	300	90	3.0	#223 NEOWISE N	2	
0141.BDp174708	120	09:19	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	300-line, 3-sec, combo
0142.COMP	10	09:21	22:11:31.4	+18:05:34	300	90	3.0	0 Calibration	2	
0143.AGPeg	2	09:22	21:51:02.0	+12:37:33	300	90	3.0	#12 Symbiotic	2	
0144.AGPeg	10	09:23	21:51:02.0	+12:37:33	300	90	3.0	#12 Symbiotic	2	
0145.AGPeg	10	09:23	21:51:02.0	+12:37:33	300	90	3.0	#12 Symbiotic	2	
0146.AGPeg	1	09:24	21:51:02.0	+12:37:33	300	90	3.0	#12 Symbiotic	2	
0147.AGPeg	0	09:24	21:51:02.0	+12:37:33	300	90	3.0	#12 Symbiotic	2	
0148.COMP	10	09:25	21:51:02.0	+12:37:33	300	90	3.0	0 Calibration	2	
0149.ZAnd	15	09:26	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0150.ZAnd	5	09:27	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0151.ZAnd	90	09:27	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0152.COMP	10	09:29	23:33:40.0	+48:49:06	300	90	3.0	0 Calibration	2	
0153.EGAnd	5	09:31	00:44:37.0	+40:40:47	300	90	3.0	#12 Symbiotic	2	
0154.EGAnd	10	09:31	00:44:37.0	+40:40:47	300	90	3.0	#12 Symbiotic	2	
0155.EGAnd	30	09:32	00:44:37.0	+40:40:47	300	90	3.0	#12 Symbiotic	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0156.COMP	10	09:32	00:44:37.0	+40:40:47	300	90	3.0	0 Calibration	2	
0157.V1057Cyg	420	09:34	20:58:54.0	+44:15:30	300	90	3.0	#12 Symbiotic	2	
0158.COMP	10	09:42	20:58:54.0	+44:15:30	300	90	3.0	0 Calibration	2	
0159.V1329Cyg	600	09:45	20:51:01.0	+35:34:55	300	90	3.0	#12 Symbiotic	2	
0160.V1329Cyg	60	09:55	20:51:01.0	+35:34:55	300	90	3.0	#12 Symbiotic	2	
0161.COMP	10	09:57	20:51:01.0	+35:34:55	300	90	3.0	0 Calibration	2	
0162.BDp284211	150	09:58	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0163.COMP	10	10:01	21:51:11.0	+28:51:50	300	90	3.0	0 Calibration	2	
0164.V1515Cyg	720	10:03	20:23:48.0	+42:12:24	300	90	3.0	#12 Symbiotic	2	
0165.COMP	10	10:15	20:23:48.0	+42:12:24	300	90	3.0	0 Calibration	2	
0166.PUVu1	10	10:18	20:21:13.0	+21:34:21	300	90	3.0	#12 Symbiotic	2	
0167.PUVu1	60	10:18	20:21:13.0	+21:34:21	300	90	3.0	#12 Symbiotic	2	
0168.PUVu1	300	10:20	20:21:13.0	+21:34:21	300	90	3.0	#12 Symbiotic	2	
0169.COMP	10	10:25	20:21:13.0	+21:34:21	300	90	3.0	0 Calibration	2	
0170.AXPer	10	10:27	01:36:23.0	+54:15:03	300	90	3.0	#12 Symbiotic	2	
0171.AXPer	60	10:28	01:36:23.0	+54:15:03	300	90	3.0	#12 Symbiotic	2	
0172.AXPer	180	10:29	01:36:23.0	+54:15:03	300	90	3.0	#12 Symbiotic	2	
0173.COMP	10	10:32	01:36:23.0	+54:15:03	300	90	3.0	0 Calibration	2	
0174.RAqr	2	10:36	23:43:49.0	-15:17:05	300	90	3.0	#12 Symbiotic	2	
0175.RAqr	4	10:37	23:43:49.0	-15:17:05	300	90	3.0	#12 Symbiotic	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0176.RAqr	12	10:37	23:43:49.0	-15:17:05	300	90	3.0	#12 Symbiotic	2	
0177.RAqr	24	10:38	23:43:49.0	-15:17:05	300	90	3.0	#12 Symbiotic	2	
0178.COMP	10	10:39	23:43:49.0	-15:17:05	300	90	3.0	0 Calibration	2	
0179.HMSge	10	10:42	19:41:57.0	+16:44:41	300	90	3.0	#12 Symbiotic	2	
0180.HMSge	30	10:43	19:41:57.0	+16:44:41	300	90	3.0	#12 Symbiotic	2	
0181.HMSge	300	10:44	19:41:57.0	+16:44:41	300	90	3.0	#12 Symbiotic	2	
0182.COMP	10	10:50	19:41:57.0	+16:44:41	300	90	3.0	0 Calibration	2	
0183.AS360	60	10:51	19:45:49.0	+18:36:49	300	90	3.0	#12 Symbiotic	2	
0184.AS360	600	10:53	19:45:49.0	+18:36:49	300	90	3.0	#12 Symbiotic	2	
0185.COMP	10	11:03	19:45:49.0	+18:36:49	300	90	3.0	0 Calibration	2	
0186.CICyg	5	11:05	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0187.CICyg	20	11:05	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0188.CICyg	120	11:06	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0189.COMP	10	11:08	19:50:12.0	+35:41:02	300	90	3.0	0 Calibration	2	
0190.N7331	240	11:10	22:37:04.1	+34:24:56	300	90	3.0	#57 Velocity S	2	
0191.COMP	10	11:15	22:37:04.1	+34:24:56	300	90	3.0	0 Calibration	2	
0192-0201.BIAS	0	11:20	22:37:04.1	+34:24:56	300	90	3.0	0 Calibration	2	
0202.FLAT	7	11:21	22:37:04.1	+34:24:56	300	90	3.0	0 Calibration	2	300-line, 3-sec
0203-0216.FLAT	7	11:26	22:37:04.1	+34:24:56	300	90	3.0	0 Calibration	2	
0217-0221.DARK	1200	12:49	22:37:04.1	+34:24:56	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>
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
0001-0010.DARK	900	01:41	14:38:59.2	+31:34:16	300	90	3.0	0 Calibration	4	
0011-0020.BIAS	0	02:31	14:38:59.2	+31:34:16	300	90	3.0	0 Calibration	4	
0021-0040.FLAT	8	02:40	14:38:59.2	+31:34:16	300	90	3.0	0 Calibration	2	
0041-0050.BIAS	0	02:44	14:38:59.2	+31:34:16	300	90	3.0	0 Calibration	2	
0051.BDp262606	40	03:33	14:49:02.4	+25:42:09	300	90	3.0	#56 Spectropho	2	
0052.COMP	10	03:34	14:49:02.4	+25:42:09	300	90	3.0	0 Calibration	2	
0053.BDp332642	150	03:36	15:51:59.9	+32:56:54	300	90	3.0	#56 Spectropho	2	
0054.COMP	10	03:39	15:51:59.9	+32:56:54	300	89	3.0	0 Calibration	2	
0055.snMRK477	1800	03:44	14:40:38.3	+53:30:14	300	60	3.0	#2 SN Observat	2	
0056.COMP	10	04:15	14:40:38.3	+53:30:14	300	60	3.0	0 Calibration	2	
0057.snASASSN-15lg	1800	04:17	13:15:32.8	+03:30:02	300	90	3.0	#220 ASASSN Tr	2	
0058.COMP	10	04:48	13:15:32.8	+03:30:02	300	90	3.0	0 Calibration	2	
0059.snASASSN-15la	1500	04:51	14:12:51.2	+35:42:40	300	90	3.0	#220 ASASSN Tr	2	
0060.COMP	10	05:17	14:12:51.2	+35:42:40	300	90	3.0	0 Calibration	2	
0061.snPSNJ16025128	2400	05:22	16:02:51.3	+47:13:29	300	50	3.0	#2 SN Observat	2	
0062.COMP	10	06:03	16:02:51.3	+47:13:29	300	50	3.0	0 Calibration	2	
0063.TCrB	15	06:08	15:59:30.0	+25:55:12	300	89	3.0	#12 Symbiotic	2	clouds moving in frm north
0064.TCrB	60	06:08	15:59:30.0	+25:55:12	300	89	3.0	#12 Symbiotic	2	
0065.COMP	10	06:10	15:59:30.0	+25:55:12	300	89	3.0	0 Calibration	2	
0066.AS210	7	06:19	16:51:20.3	-26:00:33	300	89	3.0	#12 Symbiotic	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0067.AS210	360	06:19	16:51:20.3	-26:00:33	300	89	3.0	#12 Symbiotic	2	
0068.COMP	10	06:26	16:51:20.3	-26:00:33	300	90	3.0	0 Calibration	2	
0069.Hen1341	12	06:28	17:08:36.0	-17:26:30	300	90	3.0	#12 Symbiotic	2	
0070.Hen1341	35	06:29	17:08:36.0	-17:26:30	300	90	3.0	#12 Symbiotic	2	
0071.Hen1341	90	06:31	17:08:36.0	-17:26:30	300	90	3.0	#12 Symbiotic	2	
0072.COMP	10	06:33	17:08:36.0	-17:26:30	300	90	3.0	0 Calibration	2	
0073.RSOph	12	06:35	17:50:13.0	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0074.RSOph	60	06:36	17:50:13.0	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0075.RSOph	180	06:37	17:50:13.0	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0076.COMP	10	06:41	17:50:13.0	-06:42:30	300	90	3.0	0 Calibration	2	
0077.AS270	60	06:44	18:05:33.7	-20:20:38	300	90	3.0	#12 Symbiotic	2	
0078.AS270	360	06:46	18:05:33.7	-20:20:38	300	90	3.0	#12 Symbiotic	2	
0079.COMP	10	06:53	18:05:33.7	-20:20:38	300	90	3.0	0 Calibration	2	
0080.Hen1591	120	06:55	18:07:32.0	-25:53:43	300	90	3.0	#12 Symbiotic	2	
0081.Hen1591	360	06:58	18:07:32.0	-25:53:43	300	90	3.0	#12 Symbiotic	2	
0082.COMP	10	07:04	18:07:32.0	-25:53:43	300	90	3.0	0 Calibration	2	
0083.AS281	60	07:06	18:10:44.0	-27:57:51	300	90	3.0	#12 Symbiotic	2	
0084.AS281	420	07:08	18:10:44.0	-27:57:51	300	90	3.0	#12 Symbiotic	2	
0085.COMP	10	07:17	18:10:44.0	-27:57:51	300	90	3.0	0 Calibration	2	
0086.AS289	15	07:19	18:12:22.0	-11:40:08	300	90	3.0	#12 Symbiotic	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0087.AS289	420	07:20	18:12:22.0	-11:40:08	300	90	3.0	#12 Symbiotic	2	
0088.COMP	10	07:28	18:12:22.0	-11:40:08	300	90	3.0	0 Calibration	2	
0089.AS296	30	07:30	18:15:07.0	-00:18:52	300	90	3.0	#12 Symbiotic	2	
0090.AS296	120	07:32	18:15:07.0	-00:18:52	300	90	3.0	#12 Symbiotic	2	clearing?
0091.COMP	10	07:35	18:15:07.0	-00:18:52	300	90	3.0	0 Calibration	2	
0092.AWI0005d4o	420	07:37	17:42:50.6	+33:37:54	300	90	3.0	#219 Disk Dete	2	saturated, get again
0093.COMP	10	07:45	17:42:50.6	+33:37:54	300	89	3.0	0 Calibration	2	
0094.AWI0005d4o	240	07:45	17:42:50.6	+33:37:54	300	89	3.0	#219 Disk Dete	2	
0095.COMP	10	07:50	17:42:50.6	+33:37:54	300	90	3.0	0 Calibration	2	
0096.AWI0005d4r	420	07:52	17:46:01.5	+25:35:46	300	90	3.0	#219 Disk Dete	2	
0097.COMP	10	08:01	17:46:01.5	+25:35:46	300	90	3.0	0 Calibration	2	
0098.AWI0005d59	240	08:03	17:54:28.3	+36:07:37	300	90	3.0	#219 Disk Dete	2	
0099.COMP	10	08:08	17:54:28.3	+36:07:37	300	90	3.0	0 Calibration	2	
0100.AWI0005bq1	540	08:10	18:11:43.6	+14:14:43	300	90	3.0	#219 Disk Dete	2	
0101.COMP	10	08:20	18:11:43.6	+14:14:43	300	89	3.0	0 Calibration	2	
0102.AWI0005cq1	150	08:21	18:12:24.4	+32:40:46	300	89	3.0	#219 Disk Dete	2	
0103.COMP	10	08:24	18:12:24.4	+32:40:46	300	89	3.0	0 Calibration	2	
0104.AWI0005cq2	150	08:26	18:12:58.2	+27:28:01	300	89	3.0	#219 Disk Dete	2	
0105.COMP	10	08:29	18:12:58.2	+27:28:01	300	90	3.0	0 Calibration	2	
0106.AWI0005d6b	150	08:32	18:17:03.9	+64:33:55	300	90	3.0	#219 Disk Dete	2	



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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0107.COMP	10	08:35	18:17:03.9	+64:33:55	300	90	3.0	0 Calibration	2	
0108.AWI0005d6u	120	08:37	18:30:52.9	+63:10:33	300	90	3.0	#219 Disk Dete	2	
0109.COMP	10	08:40	18:30:52.9	+63:10:33	300	90	3.0	0 Calibration	2	
0110.AWI00059y8	90	08:43	19:33:14.2	+48:41:51	300	90	3.0	#219 Disk Dete	2	
0111.COMP	10	08:45	19:33:14.2	+48:41:51	300	90	3.0	0 Calibration	2	
0112.AWI0005bux	240	08:46	18:50:18.6	+46:29:53	300	90	3.0	#219 Disk Dete	2	
0113.COMP	10	08:51	18:50:18.6	+46:29:53	300	90	3.0	0 Calibration	2	
0114.AWI00059vd	420	08:52	19:15:45.4	+37:20:49	300	90	3.0	#219 Disk Dete	2	
0115.COMP	10	09:00	19:15:45.4	+37:20:49	300	90	3.0	0 Calibration	2	
0116.AWI0005bsh	240	09:01	18:26:08.2	+30:48:16	300	90	3.0	#219 Disk Dete	2	
0117.COMP	10	09:06	18:26:08.2	+30:48:16	300	90	3.0	0 Calibration	2	
0118.snps15ahs	2400	09:11	17:59:29.8	+43:23:24	300	90	3.0	#2 SN Observat	2	
0119.COMP	10	09:52	17:59:29.8	+43:23:24	300	90	3.0	0 Calibration	2	
0120.snASASSN-15hy	1800	09:57	20:10:02.4	-00:44:21	300	80	3.0	#220 ASASSN Tr	2	
0121.COMP	10	10:27	20:10:02.4	-00:44:21	300	81	3.0	0 Calibration	2	
0122.BDp284211	120	10:29	21:51:11.0	+28:51:50	300	89	3.0	#56 Spectropho	2	
0123.COMP	10	10:32	21:51:11.0	+28:51:50	300	89	3.0	0 Calibration	2	
0124.BDp174708	50	10:34	22:11:31.4	+18:05:34	300	89	3.0	#56 Spectropho	2	
0125.COMP	10	10:35	22:11:31.4	+18:05:34	300	89	3.0	0 Calibration	2	
0126.snASASSN-15kx	2400	10:38	22:16:11.9	+37:28:26	300	105	3.0	#220 ASASSN Tr	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>
0127.COMP	10	11:19	22:16:11.9	+37:28:26	300	105	3.0	0 Calibration	2	
0128.M31	60	11:22	00:42:44.3	+41:16:09	300	91	3.0	#57 Velocity S	2	
0129.COMP	10	11:24	00:42:44.3	+41:16:09	300	91	3.0	0 Calibration	2	
0130-0139.BIAS	0	11:29	00:42:44.3	+41:16:09	300	91	3.0	0 Calibration	2	
0140-0159.FLAT	8	11:36	00:42:44.3	+41:16:09	300	91	3.0	0 Calibration	2	
0160-0166.DARK	900	13:12	00:42:44.3	+41:16:09	300	91	3.0	0 Calibration	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0011.BIAS	0	02:49	14:40:00.0	+31:40:00	300	90	3.0	0 Calibration	2	
0012-0026.FLAT	7	02:55	14:40:00.0	+31:40:00	300	90	3.0	0 Calibration	2	
0027-0036.BIAS	0	03:16	14:40:00.0	+31:40:00	300	90	3.0	0 Calibration	4	
0037.HD136202	5	03:33	15:19:18.8	+01:45:55	300	90	3.0	#57 Velocity S	2	
0038.HD136202	5	03:33	15:19:18.8	+01:45:55	300	90	3.0	#57 Velocity S	2	
0039.HD136202	5	03:33	15:19:18.8	+01:45:55	300	90	3.0	#57 Velocity S	2	
0040.COMP	10	03:34	15:19:18.8	+01:45:55	300	90	3.0	0 Calibration	2	
0041.N5846	300	03:36	15:06:29.3	+01:36:20	300	90	3.0	#57 Velocity S	2	
0042.COMP	10	03:43	15:06:29.3	+01:36:20	300	90	3.0	0 Calibration	2	
0043.BDp262606	90	03:45	14:49:02.4	+25:42:09	300	90	3.0	#56 Spectropho	2	
0044.COMP	10	03:47	14:49:02.4	+25:42:09	300	90	3.0	0 Calibration	2	
0045.BDp332642	120	03:48	15:51:59.9	+32:56:54	300	90	3.0	#56 Spectropho	2	
0046.COMP	10	03:51	15:51:59.9	+32:56:54	300	90	3.0	0 Calibration	2	
0047.snASASSN-151g	900	03:55	13:15:32.8	+03:30:02	300	90	3.0	#220 ASASSN Tr	2	
0048.snASASSN-151g	900	04:10	13:15:32.8	+03:30:02	300	90	3.0	#220 ASASSN Tr	2	
0049.snASASSN-151g	900	04:25	13:15:32.8	+03:30:02	300	90	3.0	#220 ASASSN Tr	2	
0050.COMP	10	04:41	13:15:32.8	+03:30:02	300	90	3.0	0 Calibration	2	
0051.snMRK477	720	04:44	14:40:38.3	+53:30:14	300	90	3.0	#2 SN Observat	2	
0052.snMRK477	720	04:57	14:40:38.3	+53:30:14	300	90	3.0	#2 SN Observat	2	
0053.snMRK477	720	05:09	14:40:38.3	+53:30:14	300	90	3.0	#2 SN Observat	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0054.COMP	10	05:22	14:40:38.3	+53:30:14	300	91	3.0	0 Calibration	2	
0055.AGDra	2	05:24	16:01:41.0	+66:48:10	300	91	3.0	#12 Symbiotic	2	
0056.AGDra	15	05:25	16:01:41.0	+66:48:10	300	91	3.0	#12 Symbiotic	2	
0057.AGDra	60	05:25	16:01:41.0	+66:48:10	300	91	3.0	#12 Symbiotic	2	
0058.AGDra	90	05:27	16:01:41.0	+66:48:10	300	91	3.0	#12 Symbiotic	2	
0059.COMP	10	05:29	16:01:41.0	+66:48:10	300	91	3.0	0 Calibration	2	
0060.DracoC1	1500	05:32	17:19:58.0	+57:50:06	300	91	3.0	#12 Symbiotic	2	
0061.COMP	10	05:59	17:19:58.0	+57:50:06	300	90	3.0	0 Calibration	2	
0062.DracoC1	1500	06:00	17:19:58.0	+57:50:06	300	90	3.0	#12 Symbiotic	2	
0063.COMP	10	06:26	17:19:58.0	+57:50:06	300	90	3.0	0 Calibration	2	
0064.YYHer	120	06:28	18:14:34.0	+20:59:19	300	90	3.0	#12 Symbiotic	2	
0065.YYHer	420	06:31	18:14:34.0	+20:59:19	300	90	3.0	#12 Symbiotic	2	
0066.COMP	10	06:39	18:14:34.0	+20:59:19	300	89	3.0	0 Calibration	2	
0067.Hen1674	120	06:42	18:20:19.1	-26:22:46	300	89	3.0	#12 Symbiotic	2	
0068.Hen1674	600	06:45	18:20:19.1	-26:22:46	300	89	3.0	#12 Symbiotic	2	
0069.COMP	10	06:55	18:20:19.1	-26:22:46	300	90	3.0	0 Calibration	2	
0070.AS316	120	06:57	18:42:33.0	-21:17:47	300	90	3.0	#12 Symbiotic	2	
0071.AS316	600	07:00	18:42:33.0	-21:17:47	300	90	3.0	#12 Symbiotic	2	
0072.AS316	60	07:10	18:42:33.0	-21:17:47	300	91	3.0	#12 Symbiotic	2	
0073.COMP	10	07:11	18:42:33.0	-21:17:47	300	91	3.0	0 Calibration	2	

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0074.AS327	60	07:12	18:53:17.0	-24:22:59	300	91	3.0	#12 Symbiotic	2	
0075.AS327	420	07:14	18:53:17.0	-24:22:59	300	91	3.0	#12 Symbiotic	2	
0076.COMP	10	07:22	18:53:17.0	-24:22:59	300	90	3.0	0 Calibration	2	
0077.V919Sgr	30	07:23	19:03:45.0	-16:59:56	300	90	3.0	#12 Symbiotic	2	
0078.V919Sgr	120	07:24	19:03:45.0	-16:59:56	300	90	3.0	#12 Symbiotic	2	
0079.V919Sgr	360	07:26	19:03:45.0	-16:59:56	300	90	3.0	#12 Symbiotic	2	
0080.COMP	10	07:32	19:03:45.0	-16:59:56	300	90	3.0	0 Calibration	2	
0081.AS338	60	07:34	19:03:47.0	+16:26:17	300	90	3.0	#12 Symbiotic	2	
0082.AS338	180	07:35	19:03:47.0	+16:26:17	300	90	3.0	#12 Symbiotic	2	
0083.COMP	10	07:39	19:03:47.0	+16:26:17	300	90	3.0	0 Calibration	2	
0084.V443Her	5	07:40	18:22:07.0	+23:27:20	300	90	3.0	#12 Symbiotic	2	
0085.V443Her	60	07:40	18:22:07.0	+23:27:20	300	90	3.0	#12 Symbiotic	2	
0086.V443Her	150	07:42	18:22:07.0	+23:27:20	300	90	3.0	#12 Symbiotic	2	
0087.V443Her	20	07:45	18:22:07.0	+23:27:20	300	90	3.0	#12 Symbiotic	2	
0088.COMP	10	07:45	18:22:07.0	+23:27:20	300	90	3.0	0 Calibration	2	
0089.AWI0005brq	20	07:47	18:19:49.0	+31:08:41	300	90	3.0	#219 Disk Dete	2	
0090.AWI0005brq	20	07:48	18:19:49.0	+31:08:41	300	90	3.0	#219 Disk Dete	2	
0091.COMP	10	07:48	18:19:49.0	+31:08:41	300	90	3.0	0 Calibration	2	
0092.AWI0005bud	10	07:50	18:41:41.3	+31:37:03	300	90	3.0	#219 Disk Dete	2	
0093.AWI0005bud	10	07:50	18:41:41.3	+31:37:03	300	90	3.0	#219 Disk Dete	2	

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0094.COMP	10	07:51	18:41:41.3	+31:37:03	300	90	3.0	0 Calibration	2	
0095.BFCyg	45	07:53	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0096.BFCyg	15	07:54	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0097.COMP	10	07:54	19:23:53.0	+29:40:27	300	90	3.0	0 Calibration	2	
0098.CHCyg	5	07:56	19:24:33.0	+50:14:30	300	90	3.0	#12 Symbiotic	2	
0099.CHCyg	3	07:56	19:24:33.0	+50:14:30	300	90	3.0	#12 Symbiotic	2	
0100.CHCyg	10	07:56	19:24:33.0	+50:14:30	300	90	3.0	#12 Symbiotic	2	
0101.COMP	10	07:57	19:24:33.0	+50:14:30	300	90	3.0	0 Calibration	2	
0102.V1016Cyg	60	07:59	19:57:05.0	+39:49:37	300	90	3.0	#12 Symbiotic	2	
0103.V1016Cyg	15	08:00	19:57:05.0	+39:49:37	300	90	3.0	#12 Symbiotic	2	
0104.V1016Cyg	600	08:01	19:57:05.0	+39:49:37	300	90	3.0	#12 Symbiotic	2	
0105.V1016Cyg	5	08:11	19:57:05.0	+39:49:37	300	90	3.0	#12 Symbiotic	2	
0106.COMP	10	08:12	19:57:05.0	+39:49:37	300	74	3.0	0 Calibration	2	
0107.AGPeg	10	08:14	21:51:02.0	+12:37:33	300	74	3.0	#12 Symbiotic	2	
0108.AGPeg	2	08:14	21:51:02.0	+12:37:33	300	74	3.0	#12 Symbiotic	2	
0109.AGPeg	1	08:15	21:51:02.0	+12:37:33	300	74	3.0	#12 Symbiotic	2	
0110.AGPeg	0	08:15	21:51:02.0	+12:37:33	300	74	3.0	#12 Symbiotic	2	
0111.AGPeg	10	08:16	21:51:02.0	+12:37:33	300	74	3.0	#12 Symbiotic	2	
0112.COMP	10	08:16	21:51:02.0	+12:37:33	300	74	3.0	0 Calibration	2	
0113-0122.FLAT	30	08:32	22:23:01.7	+22:01:25	600	-12	1.5	0 Calibration	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0123.hs2220ab	780	08:34	22:23:01.7	+22:01:25	600	-12	1.5	#178 Low Mass	2	
0124.COMP	10	08:47	22:23:01.7	+22:01:25	600	-12	1.5	0 Calibration	2	
0125.hs2220ab	780	08:48	22:23:01.7	+22:01:25	600	-12	1.5	#178 Low Mass	2	
0126.COMP	10	09:02	22:23:01.7	+22:01:25	600	-12	1.5	0 Calibration	2	
0127.hs2220ab	780	09:02	22:23:01.7	+22:01:25	600	-12	1.5	#178 Low Mass	2	
0128.COMP	10	09:16	22:23:01.7	+22:01:25	600	-12	1.5	0 Calibration	2	
0129.hs2220ab	780	09:17	22:23:01.7	+22:01:25	600	-12	1.5	#178 Low Mass	2	
0130.COMP	10	09:30	22:23:01.7	+22:01:25	600	-12	1.5	0 Calibration	2	
0131.hs2220ab	780	09:31	22:23:01.7	+22:01:25	600	-12	1.5	#178 Low Mass	2	
0132.COMP	10	09:44	22:23:01.7	+22:01:25	600	-12	1.5	0 Calibration	2	
0133.hs2220ab	780	09:45	22:23:01.7	+22:01:25	600	-12	1.5	#178 Low Mass	2	
0134.COMP	10	09:59	22:23:01.7	+22:01:25	600	-12	1.5	0 Calibration	2	
0135.BDp284211	180	10:01	21:51:11.0	+28:51:50	600	89	1.5	#56 Spectropho	2	
0136.COMP	10	10:04	21:51:11.0	+28:51:50	600	89	1.5	0 Calibration	2	
0137.test	10	10:07	23:00:00.0	+32:00:00	600	89	2.0	#56 Spectropho	2	
0138.test	10	10:09	23:00:00.0	+32:00:00	600	89	2.0	#56 Spectropho	2	
0139.BDp174708	120	10:11	22:11:31.4	+18:05:34	600	89	2.0	#56 Spectropho	2	
0140.COMP	10	10:13	22:11:31.4	+18:05:34	600	89	2.0	0 Calibration	2	
0141.LSPMJ1950+2009	720	10:16	19:50:59.9	+20:09:56	600	89	2.0	#222 M dwarfs	2	
0142.COMP	10	10:28	19:50:59.9	+20:09:56	600	89	2.0	0 Calibration	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0143.PM_I21112-2248	900	10:30	21:11:13.7	-22:48:18	600	89	2.0	#222 M dwarfs	2	
0144.COMP	10	10:46	21:11:13.7	-22:48:18	600	90	2.0	0 Calibration	2	
0145.PM_I22518-2447	1200	10:48	22:51:51.9	-24:47:15	600	90	2.0	#222 M dwarfs	2	
0146.COMP	10	11:09	22:51:51.9	-24:47:15	600	90	2.0	0 Calibration	2	
0147.PM_I21378-0337	900	11:11	21:37:53.2	-03:37:52	600	90	2.0	#222 M dwarfs	2	
0148.LSPMJ2335+3003	10	11:27	23:35:24.3	+30:03:45	600	89	2.0	#222 M dwarfs	2	
0149.LSPMJ2335+3003	300	11:28	23:35:24.3	+30:03:45	600	89	2.0	#222 M dwarfs	2	
0150.COMP	10	11:34	23:35:24.3	+30:03:45	600	90	2.0	0 Calibration	2	
0151-0160.FLAT	12	11:39	23:35:24.3	+30:03:45	600	90	2.0	0 Calibration	2	
0161-0170.BIAS	0	11:42	23:35:24.3	+30:03:45	600	90	2.0	0 Calibration	2	
0171-0175.DARK	1200	13:09	00:42:41.8	+40:51:55	300	90	3.0	0 Calibration	2	