

UT Date 2014-10-16 Observers M CalkinsColl. Focus 1350 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0003.DARK	900	01:00	18:37:53.9	+31:29:21	300	88	3.0	0 Calibration	4	
0004-0013.BIAS	0	01:24	18:37:53.9	+31:29:21	300	88	3.0	0 Calibration	4	
0014-0033.FLAT	10	01:40	18:37:53.9	+31:29:21	300	88	3.0	0 Calibration	2	
0034-0043.BIAS	0	01:43	18:37:53.9	+31:29:21	300	88	3.0	0 Calibration	2	
0044.TCrB	15	01:50	15:59:30.0	+25:55:12	300	88	3.0	#12 Symbiotic	2	
0045.TCrB	60	01:50	15:59:30.0	+25:55:12	300	88	3.0	#12 Symbiotic	2	
0046.COMP	10	01:52	15:59:30.0	+25:55:12	300	88	3.0	0 Calibration	2	
0047.AGDra	2	01:55	16:01:41.0	+66:48:10	300	88	3.0	#12 Symbiotic	2	
0048.AGDra	15	01:55	16:01:41.0	+66:48:10	300	88	3.0	#12 Symbiotic	2	
0049.AGDra	60	01:57	16:01:41.0	+66:48:10	300	88	3.0	#12 Symbiotic	2	
0050.COMP	10	01:58	16:01:41.0	+66:48:10	300	88	3.0	0 Calibration	2	
0051.DracoC1	1200	02:05	17:19:58.0	+57:50:06	300	88	3.0	#12 Symbiotic	2	
0052.COMP	10	02:25	17:19:58.0	+57:50:06	300	88	3.0	0 Calibration	2	
0053.YYHer	10	02:28	18:14:34.0	+20:59:19	300	88	3.0	#12 Symbiotic	2	
0054.YYHer	60	02:29	18:14:34.0	+20:59:19	300	88	3.0	#12 Symbiotic	2	
0055.COMP	10	02:31	18:14:34.0	+20:59:19	300	87	3.0	0 Calibration	2	
0056.V443Her	5	02:32	18:22:07.0	+23:27:20	300	87	3.0	#12 Symbiotic	2	
0057.V443Her	45	02:33	18:22:07.0	+23:27:20	300	87	3.0	#12 Symbiotic	2	
0058.V443Her	90	02:34	18:22:07.0	+23:27:20	300	87	3.0	#12 Symbiotic	2	
0059.COMP	10	02:36	18:22:07.0	+23:27:20	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
0060.AS338	90	02:38	19:03:47.0	+16:26:17	300	87	3.0	#12 Symbiotic	2	
0061.AS338	600	02:40	19:03:47.0	+16:26:17	300	87	3.0	#12 Symbiotic	2	
0062.COMP	10	02:51	19:03:47.0	+16:26:17	300	87	3.0	0 Calibration	2	
0063.BFCyg	15	02:52	19:23:53.0	+29:40:27	300	87	3.0	#12 Symbiotic	2	
0064.BFCyg	15	02:52	19:23:53.0	+29:40:27	300	87	3.0	#12 Symbiotic	2	
0065.COMP	10	02:53	19:23:53.0	+29:40:27	300	87	3.0	0 Calibration	2	
0066.CHCyg	5	02:55	19:24:33.0	+50:14:30	300	87	3.0	#12 Symbiotic	2	
0067.CHCyg	1	02:55	19:24:33.0	+50:14:30	300	87	3.0	#12 Symbiotic	2	
0068.CHCyg	30	02:55	19:24:33.0	+50:14:30	300	87	3.0	#12 Symbiotic	2	
0069.COMP	10	03:08	19:24:33.0	+50:14:30	300	88	3.0	0 Calibration	2	
0070.AS360	60	03:11	19:45:49.0	+18:36:49	300	88	3.0	#12 Symbiotic	2	
0071.AS360	300	03:12	19:45:49.0	+18:36:49	300	88	3.0	#12 Symbiotic	2	
0072.COMP	10	03:18	19:45:49.0	+18:36:49	300	88	3.0	0 Calibration	2	
0073.CICyg	4	03:19	19:50:12.0	+35:41:02	300	88	3.0	#12 Symbiotic	2	
0074.CICyg	15	03:20	19:50:12.0	+35:41:02	300	88	3.0	#12 Symbiotic	2	
0075.COMP	10	03:21	19:50:12.0	+35:41:02	300	88	3.0	0 Calibration	2	
0076.PUVu1	1	03:22	20:21:13.0	+21:34:21	300	88	3.0	#12 Symbiotic	2	
0077.PUVu1	10	03:23	20:21:13.0	+21:34:21	300	88	3.0	#12 Symbiotic	2	
0078.PUVu1	60	03:23	20:21:13.0	+21:34:21	300	88	3.0	#12 Symbiotic	2	
0079.COMP	10	03:25	20:21:13.0	+21:34:21	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
0080.WHSS220417+123052	1200	03:28	22:04:17.9	+12:30:53	300	88	3.0	#221 Bright Hi	2	
0081.COMP	10	03:49	22:04:17.9	+12:30:53	300	88	3.0	0 Calibration	2	
0082.WHSS220429-004148	1200	03:50	22:04:29.8	-00:41:49	300	88	3.0	#221 Bright Hi	2	
0083.COMP	10	04:10	22:04:29.8	-00:41:49	300	87	3.0	0 Calibration	2	
0084.WHSS220440+113135	1020	04:12	22:04:40.2	+11:31:35	300	87	3.0	#221 Bright Hi	2	
0085.COMP	10	04:29	22:04:40.2	+11:31:35	300	87	3.0	0 Calibration	2	
0086.WHSS220511+215239	1020	04:31	22:05:11.1	+21:52:39	300	87	3.0	#221 Bright Hi	2	
0087.COMP	10	04:49	22:05:11.1	+21:52:39	300	87	3.0	0 Calibration	2	
0088.WHSS220523+291958	900	04:51	22:05:23.3	+29:19:58	300	87	3.0	#221 Bright Hi	2	
0089.COMP	10	05:06	22:05:23.3	+29:19:58	300	88	3.0	0 Calibration	2	
0090.BDp284211	120	05:08	21:51:11.0	+28:51:50	300	88	3.0	#56 Spectropho	2	
0091.COMP	10	05:11	21:51:11.0	+28:51:50	300	88	3.0	0 Calibration	2	
0092.BDp174708	40	05:12	22:11:31.4	+18:05:34	300	88	3.0	#56 Spectropho	2	
0093.COMP	10	05:13	22:11:31.4	+18:05:34	300	88	3.0	0 Calibration	2	
0094.WHSS220633+313410	1080	05:15	22:06:33.3	+31:34:10	300	88	3.0	#221 Bright Hi	2	
0095.COMP	10	05:33	22:06:33.3	+31:34:10	300	88	3.0	0 Calibration	2	
0096.WHSS220704+054452	1200	05:35	22:07:04.9	+05:44:53	300	87	3.0	#221 Bright Hi	2	
0097.COMP	10	05:56	22:07:04.9	+05:44:53	300	87	3.0	0 Calibration	2	
0098.M31	60	05:58	00:42:44.3	+41:16:09	300	87	3.0	#57 Velocity S	2	
0099.COMP	10	06:00	00:42:44.3	+41:16:09	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
0100.bb211	1104	06:10	21:36:06.8	+08:28:19	600	87	1.5	#178 Low Mass	4	
0101.COMP	10	06:29	21:36:06.8	+08:28:19	600	87	1.5	0 Calibration	4	
0102.bb221	1104	06:31	22:07:59.1	+20:45:06	600	87	1.5	#178 Low Mass	4	
0103.COMP	10	06:50	22:07:59.1	+20:45:06	600	88	1.5	0 Calibration	4	
0104.wd0200	360	06:52	02:02:58.8	-16:52:45	600	88	1.5	#178 Low Mass	4	
0105.wd0200	360	06:58	02:02:58.8	-16:52:45	600	88	1.5	#178 Low Mass	4	
0106.wd0200	360	07:04	02:02:58.8	-16:52:45	600	88	1.5	#178 Low Mass	4	
0107.COMP	10	07:11	02:02:58.8	-16:52:45	600	87	1.5	0 Calibration	4	
0108.lamost109	900	07:15	03:08:18.2	+51:40:12	600	88	1.5	#178 Low Mass	4	
0109.lamost109	900	07:30	03:08:18.2	+51:40:12	600	88	1.5	#178 Low Mass	4	
0110.lamost109	900	07:45	03:08:18.2	+51:40:12	600	88	1.5	#178 Low Mass	4	
0111.lamost109	900	08:00	03:08:18.2	+51:40:12	600	88	1.5	#178 Low Mass	4	
0112.COMP	10	08:16	03:08:18.2	+51:40:12	600	87	1.5	0 Calibration	4	
0113.wd0222	600	08:18	02:25:11.5	+31:38:01	600	87	1.5	#178 Low Mass	4	
0114.wd0222	600	08:28	02:25:11.5	+31:38:01	600	87	1.5	#178 Low Mass	4	
0115.wd0222	600	08:38	02:25:11.5	+31:38:01	600	87	1.5	#178 Low Mass	4	
0116.COMP	10	08:49	02:25:11.5	+31:38:01	600	88	1.5	0 Calibration	4	
0117.lamost031	1320	08:55	02:12:23.3	+58:28:01	600	88	1.5	#178 Low Mass	4	
0118.lamost031	1320	09:18	02:12:23.3	+58:28:01	600	88	1.5	#178 Low Mass	4	
0119.lamost031	1320	09:40	02:12:23.3	+58:28:01	600	88	1.5	#178 Low Mass	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0120.COMP	10	10:02	02:12:23.3	+58:28:01	600	87	1.5	0 Calibration	4	
0121.G191B2B	300	10:04	05:05:30.6	+52:49:52	600	87	1.5	#56 Spectropho	4	
0122.COMP	10	10:10	05:05:30.6	+52:49:52	600	85	1.5	0 Calibration	4	
0123-0132.FLAT	12	10:14	05:05:30.6	+52:49:52	600	85	1.5	0 Calibration	4	
0133.snpsnj032246	1200	10:21	03:22:48.4	+00:09:21	300	80	3.0	#2 SN Observat	2	
0134.COMP	10	10:42	03:22:48.4	+00:09:21	300	79	3.0	0 Calibration	2	
0135.AWI0000nxi	45	10:48	01:41:13.0	+16:30:51	300	90	3.0	#219 Disk Dete	2	
0136.COMP	10	10:49	01:41:13.0	+16:30:51	300	90	3.0	0 Calibration	2	
0137.AWI0000nxi	20	10:50	01:41:13.0	+16:30:51	300	90	3.0	#219 Disk Dete	2	
0138.COMP	10	10:51	01:41:13.0	+16:30:51	300	90	3.0	0 Calibration	2	
0139.AWI0000hrv	1500	10:53	01:44:36.5	+04:54:38	300	90	3.0	#219 Disk Dete	2	
0140.COMP	10	11:18	01:44:36.5	+04:54:38	300	90	3.0	0 Calibration	2	
0141.rmbcg013	1500	11:21	07:57:24.7	+39:21:07	300	90	3.0	#210 Brightest	2	
0142.COMP	10	11:46	07:57:24.7	+39:21:07	300	86	3.0	0 Calibration	2	
0143.snpsnj081116	1200	11:48	08:11:16.4	+25:10:47	300	100	3.0	#2 SN Observat	2	
0144.COMP	10	12:09	08:11:16.4	+25:10:47	300	99	3.0	0 Calibration	2	
0145.GITau	240	12:12	04:33:34.0	+24:21:18	300	91	3.0	#12 Symbiotic	2	
0146.COMP	10	12:16	04:33:34.0	+24:21:18	300	91	3.0	0 Calibration	2	
0147.GKTau	240	12:17	04:33:34.5	+24:21:07	300	91	3.0	#12 Symbiotic	2	
0148.COMP	10	12:22	04:33:34.5	+24:21:07	300	91	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>
0149.BGGem	300	12:23	06:03:31.0	+27:41:50	300	91	3.0	#12 Symbiotic	2	
0150.COMP	10	12:29	06:03:31.0	+27:41:50	300	90	3.0	0 Calibration	2	
0151-0160.BIAS	0	12:35	06:03:31.0	+27:41:50	300	90	3.0	0 Calibration	2	
0161-0180.FLAT	7	12:42	06:03:31.0	+27:41:50	300	90	3.0	0 Calibration	2	
0181-0190.BIAS	0	12:45	06:03:31.0	+27:41:50	300	90	3.0	0 Calibration	4	
0191-0195.DARK	900	13:49	06:03:31.0	+27:41:50	300	90	3.0	0 Calibration	4	
0196-0200.DARK	900	15:06	06:03:31.0	+27:41:50	300	90	3.0	0 Calibration	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	01:29	03:08:18.2	+51:40:12	300	89	3.0	0 Calibration	4	
0011-0020.BIAS	0	01:48	03:08:18.2	+51:40:12	300	89	3.0	0 Calibration	4	
0021-0040.FLAT	7	01:57	03:08:18.2	+51:40:12	300	89	3.0	0 Calibration	2	
0041-0050.BIAS	0	02:01	03:08:18.2	+51:40:12	300	89	3.0	0 Calibration	2	
0051.lmwd480	730	03:48	21:39:07.4	+22:27:09	600	81	1.5	#178 Low Mass	4	
0052.lmwd480	730	04:01	21:39:07.4	+22:27:09	600	81	1.5	#178 Low Mass	4	
0053.lmwd480	730	04:13	21:39:07.4	+22:27:09	600	81	1.5	#178 Low Mass	4	
0054.lmwd480	730	04:25	21:39:07.4	+22:27:09	600	81	1.5	#178 Low Mass	4	
0055.COMP	10	04:38	21:39:07.4	+22:27:09	600	80	1.5	0 Calibration	4	
0056.bb215	817	04:40	21:46:35.4	+09:05:13	600	89	1.5	#178 Low Mass	4	
0057.COMP	10	04:54	21:46:35.4	+09:05:13	600	90	1.5	0 Calibration	4	
0058.bb216	375	04:55	21:47:25.0	+06:03:30	600	90	1.5	#178 Low Mass	4	
0059.COMP	10	05:01	21:47:25.0	+06:03:30	600	90	1.5	0 Calibration	4	
0060.bb217	557	05:03	21:50:32.3	+02:53:23	600	90	1.5	#178 Low Mass	4	
0061.COMP	10	05:13	21:50:32.3	+02:53:23	600	90	1.5	0 Calibration	4	
0062.bhvs402	600	05:15	21:41:28.3	+11:46:23	600	90	1.5	#178 Low Mass	4	
0063.bhvs402	600	05:25	21:41:28.3	+11:46:23	600	90	1.5	#178 Low Mass	4	
0064.bhvs402	600	05:36	21:41:28.3	+11:46:23	600	90	1.5	#178 Low Mass	4	
0065.bhvs402	600	05:46	21:41:28.3	+11:46:23	600	90	1.5	#178 Low Mass	4	
0066.COMP	10	05:56	21:41:28.3	+11:46:23	600	90	1.5	0 Calibration	4	

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0067.bb236	393	05:58	22:39:48.2	+28:01:03	600	90	1.5	#178 Low Mass	4	
0068.COMP	10	06:06	22:39:48.2	+28:01:03	600	90	1.5	0 Calibration	4	
0069.bb237	589	06:07	22:41:43.5	+27:51:03	600	90	1.5	#178 Low Mass	4	
0070.COMP	10	06:17	22:41:43.5	+27:51:03	600	90	1.5	0 Calibration	4	
0071.bb239	688	06:19	22:48:05.3	-01:52:07	600	90	1.5	#178 Low Mass	4	
0072.COMP	10	06:31	22:48:05.3	-01:52:07	600	90	1.5	0 Calibration	4	
0073.bb112	918	06:33	00:03:37.2	-21:07:31	600	90	1.5	#178 Low Mass	4	
0074.COMP	10	06:49	00:03:37.2	-21:07:31	600	90	1.5	0 Calibration	4	
0075.bb115	1050	06:52	00:12:33.0	-02:33:51	600	90	1.5	#178 Low Mass	4	
0076.COMP	10	07:10	00:12:33.0	-02:33:51	600	89	1.5	0 Calibration	4	
0077.bb116	1096	07:12	00:12:54.2	+36:09:17	600	95	1.5	#178 Low Mass	4	
0078.COMP	10	07:31	00:12:54.2	+36:09:17	600	95	1.5	0 Calibration	4	
0079.bb120	1403	07:33	00:42:04.7	+37:45:31	600	90	1.5	#178 Low Mass	4	
0080.COMP	10	07:57	00:42:04.7	+37:45:31	600	90	1.5	0 Calibration	4	
0081.lamost031	1320	08:01	02:12:23.3	+58:28:01	600	90	1.5	#178 Low Mass	4	
0082.COMP	10	08:24	02:12:23.3	+58:28:01	600	90	1.5	0 Calibration	4	
0083.lamost109	900	08:27	03:08:18.2	+51:40:12	600	90	1.5	#178 Low Mass	4	
0084.lamost109	900	08:42	03:08:18.2	+51:40:12	600	90	1.5	#178 Low Mass	4	
0085.lamost109	900	08:58	03:08:18.2	+51:40:12	600	90	1.5	#178 Low Mass	4	
0086.lamost109	900	09:13	03:08:18.2	+51:40:12	600	90	1.5	#178 Low Mass	4	

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0087.COMP	10	09:28	03:08:18.2	+51:40:12	600	90	1.5	0 Calibration	4	
0088.G191B2B	300	09:30	05:05:30.6	+52:49:52	600	90	1.5	#56 Spectropho	4	
0089.COMP	10	09:35	05:05:30.6	+52:49:52	600	89	1.5	0 Calibration	4	
0090-0099.FLAT	12	09:40	05:05:30.6	+52:49:52	600	89	1.5	0 Calibration	4	
0100.sncss141005	1800	09:51	02:23:15.6	-07:05:20	300	89	3.0	#2 SN Observat	2	
0101.COMP	10	10:22	02:23:15.6	-07:05:20	300	91	3.0	0 Calibration	2	
0102.G191B2B	300	10:25	05:05:30.6	+52:49:52	300	91	3.0	#56 Spectropho	2	
0103.COMP	10	10:30	05:05:30.6	+52:49:52	300	83	3.0	0 Calibration	2	
0104.HD19445	10	10:32	03:08:25.6	+26:19:51	300	83	3.0	#56 Spectropho	2	
0105.COMP	10	10:33	03:08:25.6	+26:19:51	300	83	3.0	0 Calibration	2	
0106.Kenfill022	1500	10:35	03:38:31.7	+09:57:48	300	83	3.0	#210 Brightest	2	
0107.COMP	10	11:00	03:38:31.7	+09:57:48	300	90	3.0	0 Calibration	2	
0108.Kenfill023	1800	11:02	03:36:47.3	+09:52:27	300	90	3.0	#210 Brightest	2	
0109.COMP	10	11:32	03:36:47.3	+09:52:27	300	90	3.0	0 Calibration	2	
0110.Kenfill024	1800	11:34	03:37:56.9	+10:13:04	300	90	3.0	#210 Brightest	2	
0111.COMP	10	12:05	03:37:56.9	+10:13:04	300	90	3.0	0 Calibration	2	
0112.rmbcg014	600	12:08	07:57:36.9	+39:20:18	300	90	3.0	#210 Brightest	2	
0113.COMP	10	12:18	07:57:36.9	+39:20:18	300	89	3.0	0 Calibration	2	
0114.rmbcg015	420	12:20	08:28:43.6	+24:37:22	300	89	3.0	#210 Brightest	2	
0115.COMP	10	12:28	08:28:43.6	+24:37:22	300	90	3.0	0 Calibration	2	



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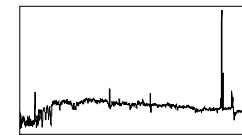
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0116.HD52071	15	12:30	07:00:58.2	+27:09:27	300	90	3.0	#57 Velocity S	2	
0117.COMP	10	12:30	07:00:58.2	+27:09:27	300	90	3.0	0 Calibration	2	
0118.HD52071	5	12:31	07:00:58.2	+27:09:27	300	90	3.0	#57 Velocity S	2	
0119.COMP	10	12:32	07:00:58.2	+27:09:27	300	90	3.0	0 Calibration	2	
0120-0129.BIAS	0	12:36	07:00:58.2	+27:09:27	300	90	3.0	0 Calibration	2	
0130-0149.FLAT	7	12:47	07:00:58.2	+27:09:27	300	90	3.0	0 Calibration	2	
0150-0159.DARK	900	15:10	07:00:58.2	+27:09:27	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	01:21	19:49:35.5	+30:12:32	1200	90	2.0	0 Calibration	2	
0011.FLAT	15	01:22	19:49:35.5	+30:12:32	1200	90	2.0	0 Calibration	2	1200-line, 2-sec, gg495, red 845
0012-0025.FLAT	15	01:28	19:49:35.5	+30:12:32	1200	90	2.0	0 Calibration	2	
0026.COMP	10	01:31	19:49:35.5	+30:12:32	1200	90	2.0	0 Calibration	2	
0027.HD192281	30	01:51	20:12:33.1	+40:16:06	1200	90	2.0	#176 Be/X-ray	2	
0028.COMP	10	01:52	20:12:33.1	+40:16:06	1200	90	2.0	0 Calibration	2	
0029.4U2204p543	120	01:53	22:07:57.0	+54:31:06	1200	90	2.0	#176 Be/X-ray	2	
0030.COMP	10	01:56	22:07:57.0	+54:31:06	1200	90	2.0	0 Calibration	2	
0031.MWC656	90	01:58	22:42:57.1	+44:43:13	1200	90	2.0	#176 Be/X-ray	2	
0032.COMP	10	02:00	22:42:57.1	+44:43:13	1200	90	2.0	0 Calibration	2	
0033.BDp174708	90	02:01	22:11:31.5	+18:05:34	1200	90	2.0	#176 Be/X-ray	2	
0034.BDp174708	90	02:03	22:11:31.5	+18:05:34	1200	90	2.0	#176 Be/X-ray	2	
0035.COMP	10	02:05	22:11:31.5	+18:05:34	1200	90	2.0	0 Calibration	2	
0036.4U1907p09	1500	02:30	19:09:38.0	+09:49:47	1200	90	2.0	#176 Be/X-ray	2	
0037.COMP	10	02:55	19:09:38.0	+09:49:47	1200	90	2.0	0 Calibration	2	
0038.KS1947p300	1500	02:58	19:49:35.5	+30:12:32	1200	91	2.0	#176 Be/X-ray	2	
0039.COMP	10	03:24	19:49:35.5	+30:12:32	1200	90	2.0	0 Calibration	2	
0040.XTEJ1946p274	1800	03:26	19:45:39.3	+27:21:55	1200	90	2.0	#176 Be/X-ray	2	
0041.COMP	10	03:57	19:45:39.3	+27:21:55	1200	90	2.0	0 Calibration	2	
0042.IGRJ2000	1800	03:58	20:00:21.9	+32:11:23	1200	90	2.0	#176 Be/X-ray	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0043.COMP	10	04:29	20:00:21.9	+32:11:23	1200	90	2.0	0 Calibration	2	
0044.GROJ2058p42	1800	04:31	20:58:47.5	+41:46:37	1200	90	2.0	#176 Be/X-ray	2	
0045.COMP	10	05:02	20:58:47.5	+41:46:37	1200	90	2.0	0 Calibration	2	
0046.SAXJ21035p4545	1500	05:04	21:03:35.7	+45:45:05	1200	91	2.0	#176 Be/X-ray	2	
0047.COMP	10	05:29	21:03:35.7	+45:45:05	1200	90	2.0	0 Calibration	2	
0048.IGRJ2134.2p4738	1800	05:31	21:34:20.4	+47:38:00	1200	90	2.0	#176 Be/X-ray	2	
0049.COMP	10	06:02	21:34:20.4	+47:38:00	1200	90	2.0	0 Calibration	2	
0050.SAXJ2239p6116	1800	06:03	22:39:20.9	+61:16:27	1200	90	2.0	#176 Be/X-ray	2	
0051.COMP	10	06:34	22:39:20.9	+61:16:27	1200	90	2.0	0 Calibration	2	
0052.IGR2253p6243	1800	06:36	22:53:55.1	+62:43:37	1200	90	2.0	#176 Be/X-ray	2	
0053.COMP	10	07:07	22:53:55.1	+62:43:37	1200	90	2.0	0 Calibration	2	
0054.4U0115p634	1800	07:09	01:18:32.0	+63:44:33	1200	90	2.0	#176 Be/X-ray	2	
0055.COMP	10	07:39	01:18:32.0	+63:44:33	1200	90	2.0	0 Calibration	2	
0056.2SO114p650	600	07:41	01:18:02.4	+65:17:26	1200	90	2.0	#176 Be/X-ray	2	
0057.COMP	10	07:51	01:18:02.4	+65:17:26	1200	90	2.0	0 Calibration	2	
0058.IGRJ01363p6610	600	07:52	01:35:49.8	+66:12:43	1200	90	2.0	#176 Be/X-ray	2	
0059.COMP	10	08:03	01:35:49.8	+66:12:43	1200	90	2.0	0 Calibration	2	
0060.RXJ01469p6121	300	08:05	01:47:00.0	+61:21:23	1200	90	2.0	#176 Be/X-ray	2	
0061.COMP	10	08:11	01:47:00.0	+61:21:23	1200	90	2.0	0 Calibration	2	
0062.IGRJ01583p6713	1500	08:13	01:58:18.2	+67:13:26	1200	90	2.0	#176 Be/X-ray	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0063.COMP	10	08:38	01:58:18.2	+67:13:26	1200	89	2.0	0 Calibration	2	
0064.XPer	11	08:40	03:55:23.0	+31:02:45	1200	89	2.0	#176 Be/X-ray	2	
0065.COMP	10	08:41	03:55:23.0	+31:02:45	1200	89	2.0	0 Calibration	2	
0066.RXJ04409p4431	630	08:43	04:41:00.6	+44:31:50	1200	89	2.0	#176 Be/X-ray	2	
0067.COMP	10	08:54	04:41:00.6	+44:31:50	1200	89	2.0	0 Calibration	2	
0068.V0332p53	1800	08:55	03:34:59.8	+53:10:24	1200	86	2.0	#176 Be/X-ray	2	
0069.COMP	10	09:26	03:34:59.8	+53:10:24	1200	88	2.0	0 Calibration	2	
0070.A0535p262	75	09:27	05:38:54.5	+26:18:57	1200	88	2.0	#176 Be/X-ray	2	
0071.COMP	10	09:29	05:38:54.5	+26:18:57	1200	88	2.0	0 Calibration	2	
0072.IGRJ06074p2205	720	09:31	06:07:26.6	+22:05:48	1200	88	2.0	#176 Be/X-ray	2	
0073.COMP	10	09:43	06:07:26.6	+22:05:48	1200	89	2.0	0 Calibration	2	
0074.MXB0656-072	600	09:48	06:58:17.2	-07:12:35	1200	89	2.0	#176 Be/X-ray	2	
0075.COMP	10	09:58	06:58:17.2	-07:12:35	1200	90	2.0	0 Calibration	2	
0076.HD19445	30	10:00	03:08:26.3	+26:20:29	1200	90	2.0	#176 Be/X-ray	2	
0077.COMP	10	10:01	03:08:26.3	+26:20:29	1200	90	2.0	0 Calibration	2	
0078.test	10	10:05	04:45:00.0	+32:00:00	300	90	3.0	#176 Be/X-ray	2	
0079.test	10	10:07	04:45:00.0	+32:00:00	300	90	3.0	#176 Be/X-ray	2	
0080.04541846-1855150	480	10:10	04:54:18.5	-18:55:15	300	90	3.0	#141 2MASS Red	2	
0081.COMP	10	10:19	04:54:18.5	-18:55:15	300	90	3.0	0 Calibration	2	
0082.05405756+0341524	900	10:21	05:40:57.6	+03:41:52	300	91	3.0	#141 2MASS Red	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0083.COMP	10	10:36	05:40:57.6	+03:41:52	300	90	3.0	0 Calibration	2	
0084.05455073+0219380	720	10:38	05:45:50.7	+02:19:38	300	90	3.0	#141 2MASS Red	2	target galaxy at row 82
0085.COMP	10	10:51	05:45:50.7	+02:19:38	300	90	3.0	0 Calibration	2	
0086.05462325+0114447	480	10:55	05:46:23.3	+01:14:45	300	1	3.0	#141 2MASS Red	2	
0087.COMP	10	11:03	05:46:23.3	+01:14:45	300	0	3.0	0 Calibration	2	
0088.05380971+0507509	1200	11:04	05:38:09.7	+05:07:51	300	0	3.0	#141 2MASS Red	2	
0089.COMP	10	11:25	05:38:09.7	+05:07:51	300	0	3.0	0 Calibration	2	
0090.04280875+4103008	720	11:32	04:28:08.8	+41:03:01	300	90	3.0	#141 2MASS Red	2	
0091.COMP	10	11:45	04:28:08.8	+41:03:01	300	89	3.0	0 Calibration	2	
0092.05161516+5330531	540	11:47	05:16:15.2	+53:30:53	300	89	3.0	#141 2MASS Red	2	
0093.COMP	10	11:57	05:16:15.2	+53:30:53	300	89	3.0	0 Calibration	2	
0094.05170487+5257522	420	11:58	05:17:04.9	+52:57:52	300	89	3.0	#141 2MASS Red	2	
0095.COMP	10	12:05	05:17:04.9	+52:57:52	300	89	3.0	0 Calibration	2	
0096.G191B2B	300	12:07	05:05:30.6	+52:49:52	300	89	3.0	#56 Spectropho	2	
0097.COMP	10	12:12	05:05:30.6	+52:49:52	300	90	3.0	0 Calibration	2	
0098-0107.BIAS	0	12:22	05:59:31.5	+54:17:06	300	90	3.0	0 Calibration	2	
0108-0122.FLAT	7	12:28	05:59:31.5	+54:17:06	300	90	3.0	0 Calibration	2	
0123-0127.DARK	1200	13:50	05:59:31.5	+54:17:06	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	00:50	05:59:31.5	+54:17:06	300	90	3.0	0 Calibration	2	
0011.FLAT	7	00:50	05:59:31.5	+54:17:06	300	90	3.0	0 Calibration	2	300-line,3-sec
0012-0025.FLAT	7	00:55	05:59:31.5	+54:17:06	300	90	3.0	0 Calibration	2	
0026-0027.DARK	1200	01:42	05:59:31.5	+54:17:06	300	90	3.0	0 Calibration	2	
0028.AWI0005bk2	10	02:06	17:29:12.4	+00:56:05	300	90	3.0	#219 Disk Dete	2	
0029.AWI0005bk2	30	02:07	17:29:12.4	+00:56:05	300	90	3.0	#219 Disk Dete	2	
0030.COMP	10	02:08	17:29:12.4	+00:56:05	300	90	3.0	0 Calibration	2	
0031.AWI000047d	488	02:10	16:48:37.4	+35:12:09	300	90	3.0	#219 Disk Dete	2	
0032.COMP	10	02:18	16:48:37.4	+35:12:09	300	90	3.0	0 Calibration	2	
0033.AWI00000ou	300	02:19	17:32:19.8	+37:44:14	300	90	3.0	#219 Disk Dete	2	
0034.COMP	10	02:25	17:32:19.8	+37:44:14	300	90	3.0	0 Calibration	2	
0035.AWI000041v	480	02:26	17:32:03.1	+34:33:08	300	90	3.0	#219 Disk Dete	2	
0036.COMP	10	02:34	17:32:03.1	+34:33:08	300	90	3.0	0 Calibration	2	
0037.AWI0005bow	6	02:36	17:59:11.3	+13:54:17	300	90	3.0	#219 Disk Dete	2	
0038.AWI0005bow	45	02:36	17:59:11.3	+13:54:17	300	90	3.0	#219 Disk Dete	2	
0039.COMP	10	02:38	17:59:11.3	+13:54:17	300	90	3.0	0 Calibration	2	
0040.AWI00062fh	10	02:42	21:52:21.3	-03:10:28	300	90	3.0	#219 Disk Dete	2	
0041.AWI00062fh	20	02:43	21:52:21.3	-03:10:28	300	90	3.0	#219 Disk Dete	2	
0042.COMP	10	02:44	21:52:21.3	-03:10:28	300	90	3.0	0 Calibration	2	
0043.AWI0006222	15	02:45	21:09:16.0	-00:14:05	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
0044.AWI0006222	45	02:46	21:09:16.0	-00:14:05	300	90	3.0	#219 Disk Dete	2	
0045.COMP	10	02:47	21:09:16.0	-00:14:05	300	90	3.0	0 Calibration	2	
0046.AWI0005bps	75	03:14	18:05:33.6	+18:26:43	300	90	3.0	#219 Disk Dete	2	
0047.COMP	10	03:16	18:05:33.6	+18:26:43	300	90	3.0	0 Calibration	2	
0048.AWI0005bqp	30	03:20	18:12:10.9	+19:05:37	300	90	3.0	#219 Disk Dete	2	
0049.COMP	10	03:21	18:12:10.9	+19:05:37	300	90	3.0	0 Calibration	2	
0050.AWI0002mhd	30	03:22	18:43:06.0	+07:16:26	300	90	3.0	#219 Disk Dete	2	
0051.COMP	10	03:22	18:43:06.0	+07:16:26	300	90	3.0	0 Calibration	2	
0052.AWI0001mq0	45	03:24	18:47:14.4	+02:36:06	300	90	3.0	#219 Disk Dete	2	
0053.COMP	10	03:25	18:47:14.4	+02:36:06	300	90	3.0	0 Calibration	2	
0054.snASASSN-14jb	1200	03:28	22:23:16.1	-28:58:31	300	90	3.0	#2 SN Observat	2	
0055.snASASSN-14jb	1200	03:48	22:23:16.1	-28:58:31	300	90	3.0	#2 SN Observat	2	also for program 220 asassn Falco
0056.snASASSN-14jb	1200	04:09	22:23:16.1	-28:58:31	300	90	3.0	#2 SN Observat	2	
0057.COMP	10	04:29	22:23:16.1	-28:58:31	300	89	3.0	0 Calibration	2	
0058.BDp174708	90	04:31	22:11:31.4	+18:05:34	300	89	3.0	#56 Spectropho	2	
0059.COMP	10	04:33	22:11:31.4	+18:05:34	300	89	3.0	0 Calibration	2	
0060.BDp284211	150	04:34	21:51:11.0	+28:51:50	300	89	3.0	#56 Spectropho	2	
0061.COMP	10	04:38	21:51:11.0	+28:51:50	300	89	3.0	0 Calibration	2	
0062.AWI00022y0	15	04:39	21:11:39.6	+53:44:46	300	89	3.0	#219 Disk Dete	2	
0063.COMP	10	04:40	21:11:39.6	+53:44:46	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
0064.AWI00019fp	15	04:41	21:29:53.0	+52:56:01	300	89	3.0	#219 Disk Dete	2	
0065.COMP	10	04:42	21:29:53.0	+52:56:01	300	89	3.0	0 Calibration	2	
0066.AWI0005vyx	15	04:43	21:29:59.8	+41:30:37	300	89	3.0	#219 Disk Dete	2	
0067.COMP	10	04:43	21:29:59.8	+41:30:37	300	89	3.0	0 Calibration	2	
0068.AWI0005w1h	20	04:45	22:05:04.0	+44:45:43	300	89	3.0	#219 Disk Dete	2	
0069.COMP	10	04:45	22:05:04.0	+44:45:43	300	89	3.0	0 Calibration	2	
0070.AWI0002coc	720	04:47	21:35:19.2	+57:36:38	300	89	3.0	#219 Disk Dete	2	
0071.COMP	10	04:59	21:35:19.2	+57:36:38	300	89	3.0	0 Calibration	2	
0072.AWI0005a9r	20	05:01	21:53:05.5	+68:29:55	300	89	3.0	#219 Disk Dete	2	
0073.COMP	10	05:01	21:53:05.5	+68:29:55	300	89	3.0	0 Calibration	2	
0074.AWI0005abb	25	05:03	22:26:53.9	+73:34:29	300	89	3.0	#219 Disk Dete	2	
0075.COMP	10	05:04	22:26:53.9	+73:34:29	300	89	3.0	0 Calibration	2	
0076.AWI0005abf	25	05:05	22:27:53.3	+70:48:06	300	89	3.0	#219 Disk Dete	2	
0077.COMP	10	05:06	22:27:53.3	+70:48:06	300	89	3.0	0 Calibration	2	
0078.AWI0002ofx	45	05:07	22:11:27.6	+62:31:58	300	89	3.0	#219 Disk Dete	2	
0079.AWI0002ofx	45	05:08	22:11:27.6	+62:31:58	300	89	3.0	#219 Disk Dete	2	
0080.COMP	10	05:09	22:11:27.6	+62:31:58	300	89	3.0	0 Calibration	2	
0081.AWI00019i2	25	05:10	22:10:55.0	+57:56:29	300	89	3.0	#219 Disk Dete	2	
0082.COMP	10	05:11	22:10:55.0	+57:56:29	300	89	3.0	0 Calibration	2	
0083.AWI0005w29	20	05:12	22:24:12.8	+48:49:18	300	89	3.0	#219 Disk Dete	2	

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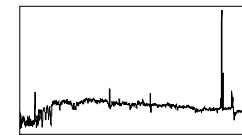
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0084.COMP	10	05:13	22:24:12.8	+48:49:18	300	89	3.0	0 Calibration	2	
0085.AWI0005yfu	360	05:14	22:34:45.2	+37:50:06	300	89	3.0	#219 Disk Dete	2	
0086.COMP	10	05:21	22:34:45.2	+37:50:06	300	89	3.0	0 Calibration	2	
0087.AWI00062gs	10	05:25	23:05:33.0	+14:57:32	300	89	3.0	#219 Disk Dete	2	
0088.COMP	10	05:25	23:05:33.0	+14:57:32	300	89	3.0	0 Calibration	2	
0089.RAqr	5	05:27	23:43:49.0	-15:17:05	300	89	3.0	#12 Symbiotic	2	
0090.RAqr	10	05:27	23:43:49.0	-15:17:05	300	89	3.0	#12 Symbiotic	2	
0091.RAqr	60	05:28	23:43:49.0	-15:17:05	300	89	3.0	#12 Symbiotic	2	
0092.COMP	10	05:29	23:43:49.0	-15:17:05	300	89	3.0	0 Calibration	2	
0093.AWI0006213	10	05:31	23:55:37.7	+08:13:23	300	89	3.0	#219 Disk Dete	2	
0094.COMP	10	05:32	23:55:37.7	+08:13:23	300	89	3.0	0 Calibration	2	
0095.AWI00062h1	9	05:33	23:57:46.2	+11:28:27	300	89	3.0	#219 Disk Dete	2	
0096.COMP	10	05:33	23:57:46.2	+11:28:27	300	89	3.0	0 Calibration	2	
0097.AWI0005w41	35	05:35	23:08:17.2	+51:11:46	300	89	3.0	#219 Disk Dete	2	
0098.COMP	10	05:36	23:08:17.2	+51:11:46	300	89	3.0	0 Calibration	2	
0099.ZAnd	10	05:37	23:33:40.0	+48:49:06	300	89	3.0	#12 Symbiotic	2	
0100.ZAnd	5	05:38	23:33:40.0	+48:49:06	300	89	3.0	#12 Symbiotic	2	
0101.ZAnd	15	05:38	23:33:40.0	+48:49:06	300	89	3.0	#12 Symbiotic	2	
0102.ZAnd	30	05:39	23:33:40.0	+48:49:06	300	89	3.0	#12 Symbiotic	2	
0103.COMP	10	05:39	23:33:40.0	+48:49:06	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
0104.AWI00019pi	240	05:41	23:51:35.4	+63:13:23	300	89	3.0	#219 Disk Dete	2	
0105.AWI00019pi	480	05:47	23:51:35.4	+63:13:23	300	89	3.0	#219 Disk Dete	2	
0106.COMP	10	05:56	23:51:35.4	+63:13:23	300	89	3.0	0 Calibration	2	
0107.AWI0005ae4	8	05:58	23:54:49.3	+74:24:36	300	89	3.0	#219 Disk Dete	2	
0108.COMP	10	05:59	23:54:49.3	+74:24:36	300	89	3.0	0 Calibration	2	
0109.AWI0005ae4	10	05:59	23:54:49.3	+74:24:36	300	89	3.0	#219 Disk Dete	2	
0110.AWI0002d1k	300	06:00	23:57:34.1	+66:25:53	300	89	3.0	#219 Disk Dete	2	
0111.COMP	10	06:06	23:57:34.1	+66:25:53	300	88	3.0	0 Calibration	2	
0112.AWI0003cp6	271	06:08	23:56:52.3	+61:13:38	300	88	3.0	#219 Disk Dete	2	
0113.COMP	10	06:13	23:56:52.3	+61:13:38	300	89	3.0	0 Calibration	2	
0114.AWI0005mry	20	06:14	00:34:12.7	+54:03:59	300	89	3.0	#219 Disk Dete	2	
0115.COMP	10	06:16	00:34:12.7	+54:03:59	300	89	3.0	0 Calibration	2	
0116.AWI0005yiz	10	06:18	01:07:22.6	+38:01:43	300	89	3.0	#219 Disk Dete	2	
0117.COMP	10	06:18	01:07:22.6	+38:01:43	300	89	3.0	0 Calibration	2	
0118.AWI0005yiv	20	06:20	00:59:26.3	+40:09:18	300	89	3.0	#219 Disk Dete	2	
0119.COMP	10	06:21	00:59:26.3	+40:09:18	300	89	3.0	0 Calibration	2	
0120.EGAnd	5	06:22	00:44:37.0	+40:40:47	300	89	3.0	#12 Symbiotic	2	
0121.EGAnd	10	06:22	00:44:37.0	+40:40:47	300	89	3.0	#12 Symbiotic	2	
0122.COMP	10	06:23	00:44:37.0	+40:40:47	300	89	3.0	0 Calibration	2	
0123.AXPer	10	06:24	01:36:23.0	+54:15:03	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
0124.AXPer	30	06:25	01:36:23.0	+54:15:03	300	89	3.0	#12 Symbiotic	2	
0125.AXPer	60	06:26	01:36:23.0	+54:15:03	300	89	3.0	#12 Symbiotic	2	
0126.COMP	10	06:27	01:36:23.0	+54:15:03	300	89	3.0	0 Calibration	2	
0127.AWI0004ne5	10	06:28	01:35:25.9	+56:02:37	300	89	3.0	#219 Disk Dete	2	
0128.COMP	10	06:29	01:35:25.9	+56:02:37	300	89	3.0	0 Calibration	2	
0129.AWI00062a8	25	06:34	01:37:56.2	+21:15:39	300	89	3.0	#219 Disk Dete	2	
0130.COMP	10	06:36	01:37:56.2	+21:15:39	300	89	3.0	0 Calibration	2	
0131.snDES14X2fna	1800	06:40	02:23:15.6	-07:05:21	300	89	3.0	#2 SN Observat	2	
0132.COMP	10	07:11	02:23:15.6	-07:05:21	300	89	3.0	0 Calibration	2	
0133.bb133	511	07:18	02:14:18.3	-04:21:10	600	89	1.5	#178 Low Mass	4	600-line, 1.5-sec, blue
0134.COMP	10	07:27	02:14:18.3	-04:21:10	600	89	1.5	0 Calibration	4	
0135.bb132	900	07:28	02:09:00.9	-03:36:43	600	89	1.5	#178 Low Mass	4	
0136.COMP	10	07:44	02:09:00.9	-03:36:43	600	89	1.5	0 Calibration	4	
0137.bb135	1200	07:45	02:21:02.4	+01:35:34	600	89	1.5	#178 Low Mass	4	
0138.COMP	10	08:06	02:21:02.4	+01:35:34	600	89	1.5	0 Calibration	4	
0139.lamost109	900	08:09	03:08:18.2	+51:40:12	600	89	1.5	#178 Low Mass	4	
0140.COMP	10	08:24	03:08:18.2	+51:40:12	600	89	1.5	0 Calibration	4	
0141.lamost109	900	08:24	03:08:18.2	+51:40:12	600	89	1.5	#178 Low Mass	4	
0142.COMP	10	08:40	03:08:18.2	+51:40:12	600	89	1.5	0 Calibration	4	
0143.lamost109	900	08:41	03:08:18.2	+51:40:12	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
0144.COMP	10	08:56	03:08:18.2	+51:40:12	600	89	1.5	0 Calibration	4	
0145.lamost109	900	08:57	03:08:18.2	+51:40:12	600	89	1.5	#178 Low Mass	4	
0146.COMP	10	09:13	03:08:18.2	+51:40:12	600	89	1.5	0 Calibration	4	
0147.lamost109	900	09:14	03:08:18.2	+51:40:12	600	89	1.5	#178 Low Mass	4	
0148.COMP	10	09:29	03:08:18.2	+51:40:12	600	89	1.5	0 Calibration	4	
0149.lamost109	900	09:30	03:08:18.2	+51:40:12	600	89	1.5	#178 Low Mass	4	
0150.COMP	10	09:45	03:08:18.2	+51:40:12	600	89	1.5	0 Calibration	4	
0151.lamost109	900	09:46	03:08:18.2	+51:40:12	600	89	1.5	#178 Low Mass	4	
0152.COMP	10	10:02	03:08:18.2	+51:40:12	600	89	1.5	0 Calibration	4	
0153.lamost109	900	10:02	03:08:18.2	+51:40:12	600	89	1.5	#178 Low Mass	4	
0154.COMP	10	10:18	03:08:18.2	+51:40:12	600	90	1.5	0 Calibration	4	
0155.lamost060	1020	10:20	02:41:34.5	+55:37:53	600	90	1.5	#178 Low Mass	4	
0156.COMP	10	10:37	02:41:34.5	+55:37:53	600	90	1.5	0 Calibration	4	
0157.lamost060	1020	10:38	02:41:34.5	+55:37:53	600	90	1.5	#178 Low Mass	4	
0158.COMP	10	10:55	02:41:34.5	+55:37:53	600	90	1.5	0 Calibration	4	
0159.lamost060	1020	10:56	02:41:34.5	+55:37:53	600	90	1.5	#178 Low Mass	4	
0160.COMP	10	11:13	02:41:34.5	+55:37:53	600	89	1.5	0 Calibration	4	
0161.lamost059	1020	11:15	02:39:37.1	+53:19:57	600	89	1.5	#178 Low Mass	4	
0162.COMP	10	11:33	02:39:37.1	+53:19:57	600	89	1.5	0 Calibration	4	
0163.lamost059	1020	11:33	02:39:37.1	+53:19:57	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
0164.COMP	10	11:51	02:39:37.1	+53:19:57	600	89	1.5	0 Calibration	4	
0165.lamost059	1020	11:52	02:39:37.1	+53:19:57	600	89	1.5	#178 Low Mass	4	
0166.COMP	10	12:09	02:39:37.1	+53:19:57	600	89	1.5	0 Calibration	4	
0167.G191B2B	300	12:12	05:05:30.6	+52:49:52	600	89	1.5	#56 Spectropho	4	
0168.COMP	10	12:17	05:05:30.6	+52:49:52	600	89	1.5	0 Calibration	4	
0169.bb149	720	12:20	07:09:42.8	+39:29:06	600	89	1.5	#178 Low Mass	4	
0170.COMP	10	12:32	07:09:42.8	+39:29:06	600	88	1.5	0 Calibration	4	
0171-0180.BIAS	0	12:35	07:09:42.8	+39:29:06	600	88	1.5	0 Calibration	4	
0181-0195.FLAT	12	12:40	07:09:42.8	+39:29:06	600	88	1.5	0 Calibration	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.BIAS	0	01:17	21:32:49.9	+06:57:57	600	89	1.5	0 Calibration	4	
0002.BIAS	0	01:18	21:32:49.9	+06:57:57	600	89	1.5	0 Calibration	4	darks script from last night failed no darks yesterday
0003-0010.BIAS	0	01:19	21:32:49.9	+06:57:57	600	89	1.5	0 Calibration	4	
0011.FLAT	12	01:19	21:32:49.9	+06:57:57	600	89	1.5	0 Calibration	4	600-line, 1.5-sec, blue 445
0012-0025.FLAT	12	01:24	21:32:49.9	+06:57:57	600	89	1.5	0 Calibration	4	
0026.BDp284211	150	01:41	21:51:11.0	+28:51:50	600	89	1.5	#56 Spectropho	4	
0027.COMP	10	01:44	21:51:11.0	+28:51:50	600	89	1.5	0 Calibration	4	
0028.bhvs402	720	01:46	21:41:28.3	+11:46:23	600	89	1.5	#178 Low Mass	4	
0029.COMP	10	01:58	21:41:28.3	+11:46:23	600	89	1.5	0 Calibration	4	
0030.bhvs402	720	01:59	21:41:28.3	+11:46:23	600	89	1.5	#178 Low Mass	4	
0031.COMP	10	02:11	21:41:28.3	+11:46:23	600	89	1.5	0 Calibration	4	stopped by clouds
0033.test	10	03:15	22:10:00.0	+30:00:00	300	89	3.0	#178 Low Mass	2	
0034.test	10	03:18	22:00:00.0	+32:00:00	300	89	3.0	#57 Velocity S	2	300-line, 3-sec
0035-0044.BIAS	0	03:21	22:00:00.0	+32:00:00	300	89	3.0	0 Calibration	2	
0045-0059.FLAT	7	03:26	22:00:00.0	+32:00:00	300	89	3.0	0 Calibration	2	
0060-0062.DARK	900	03:58	22:00:00.0	+32:00:00	300	89	3.0	0 Calibration	2	
0063.snASASSN-14jb	1200	04:21	22:23:16.1	-28:58:31	300	89	3.0	#220 ASASSN Tr	2	
0064.snASASSN-14jb	1200	04:42	22:23:16.1	-28:58:31	300	89	3.0	#220 ASASSN Tr	2	
0065.COMP	10	05:03	22:23:16.1	-28:58:31	300	89	3.0	0 Calibration	2	stopped by clouds down here
0066.BDp284211	150	05:06	21:51:11.0	+28:51:50	300	89	3.0	#56 Spectropho	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0067.COMP	10	05:08	21:51:11.0	+28:51:50	300	89	3.0	0 Calibration	2	
0068.BDp174708	90	05:10	22:11:31.4	+18:05:34	300	89	3.0	#56 Spectropho	2	
0069.COMP	10	05:12	22:11:31.4	+18:05:34	300	89	3.0	0 Calibration	2	600-line, 1.5-sec, blue
0070.COMP	10	05:16	21:41:28.3	+11:46:23	600	89	1.5	0 Calibration	4	
0071.bhvs402	720	05:19	21:41:28.3	+11:46:23	600	89	1.5	#178 Low Mass	4	
0072.COMP	10	05:31	21:41:28.3	+11:46:23	600	89	1.5	0 Calibration	4	
0073.bhvs402	720	05:31	21:41:28.3	+11:46:23	600	89	1.5	#178 Low Mass	4	
0074.COMP	10	05:44	21:41:28.3	+11:46:23	600	89	1.5	0 Calibration	4	
0075.bhvs402	720	05:44	21:41:28.3	+11:46:23	600	89	1.5	#178 Low Mass	4	
0076.COMP	10	05:57	21:41:28.3	+11:46:23	600	89	1.5	0 Calibration	4	
0077.bhvs402	720	05:57	21:41:28.3	+11:46:23	600	89	1.5	#178 Low Mass	4	
0078.COMP	10	06:10	21:41:28.3	+11:46:23	600	90	1.5	0 Calibration	4	
0079.bb250	720	06:11	23:55:58.4	+08:33:49	600	89	1.5	#178 Low Mass	4	
0080.COMP	10	06:23	23:55:58.4	+08:33:49	600	89	1.5	0 Calibration	4	
0081.bb249	812	06:24	23:48:31.0	+13:31:10	600	89	1.5	#178 Low Mass	4	
0082.COMP	10	06:38	23:48:31.0	+13:31:10	600	88	1.5	0 Calibration	4	
0083.bb252	720	06:40	23:59:03.1	+03:12:46	600	88	1.5	#178 Low Mass	4	
0084.COMP	10	06:52	23:59:03.1	+03:12:46	600	88	1.5	0 Calibration	4	
0085.bb122	1260	06:54	00:58:28.5	-03:42:10	600	88	1.5	#178 Low Mass	4	
0086.COMP	10	07:15	00:58:28.5	-03:42:10	600	90	1.5	0 Calibration	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0087.bb113	600	07:17	00:04:43.5	+35:19:02	600	90	1.5	#178 Low Mass	4	
0088.COMP	10	07:27	00:04:43.5	+35:19:02	600	90	1.5	0 Calibration	4	
0089.bb114	720	07:44	00:05:53.9	+32:02:07	600	90	1.5	#178 Low Mass	4	
0090.COMP	10	07:57	00:05:53.9	+32:02:07	600	90	1.5	0 Calibration	4	
0091.bb117	720	07:58	00:19:28.9	+28:44:47	600	90	1.5	#178 Low Mass	4	
0092.COMP	10	08:11	00:19:28.9	+28:44:47	600	89	1.5	0 Calibration	4	
0093.bb118	720	08:12	00:22:30.2	+34:31:36	600	89	1.5	#178 Low Mass	4	
0094.COMP	10	08:25	00:22:30.2	+34:31:36	600	88	1.5	0 Calibration	4	
0095.bb119	600	08:27	00:41:21.7	+35:55:17	600	89	1.5	#178 Low Mass	4	
0096.COMP	10	08:37	00:41:21.7	+35:55:17	600	89	1.5	0 Calibration	4	
0097.bb121	600	08:38	00:54:24.1	+41:11:27	600	89	1.5	#178 Low Mass	4	
0098.COMP	10	08:49	00:54:24.1	+41:11:27	600	89	1.5	0 Calibration	4	
0099.bb123	1320	08:51	01:04:16.4	+32:10:58	600	89	1.5	#178 Low Mass	4	
0100.COMP	10	09:13	01:04:16.4	+32:10:58	600	89	1.5	0 Calibration	4	
0101.bb124	1320	09:14	01:06:49.2	+34:47:58	600	89	1.5	#178 Low Mass	4	
0102.COMP	10	09:36	01:06:49.2	+34:47:58	600	90	1.5	0 Calibration	4	
0103.bb134	780	09:39	02:20:12.7	+25:43:38	600	90	1.5	#178 Low Mass	4	
0104.COMP	10	09:52	02:20:12.7	+25:43:38	600	89	1.5	0 Calibration	4	
0105.bb138	900	09:53	02:26:39.6	+04:58:29	600	90	1.5	#178 Low Mass	4	
0106.COMP	10	10:09	02:26:39.6	+04:58:29	600	90	1.5	0 Calibration	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0107.bb139	900	10:11	02:27:42.7	+44:08:28	600	90	1.5	#178 Low Mass	4	
0108.COMP	10	10:27	02:27:42.7	+44:08:28	600	89	1.5	0 Calibration	4	
0109.bb142	1200	10:28	02:50:44.5	+42:38:32	600	89	1.5	#178 Low Mass	4	
0110.COMP	10	10:49	02:50:44.5	+42:38:32	600	90	1.5	0 Calibration	4	
0111.bb136	600	10:50	02:22:00.5	+44:27:01	600	90	1.5	#178 Low Mass	4	
0112.COMP	10	11:01	02:22:00.5	+44:27:01	600	89	1.5	0 Calibration	4	
0113.bb137	720	11:02	02:26:13.9	+44:29:45	600	89	1.5	#178 Low Mass	4	
0114.COMP	10	11:14	02:26:13.9	+44:29:45	600	89	1.5	0 Calibration	4	
0115.G191B2B	300	11:16	05:05:30.6	+52:49:52	600	89	1.5	#56 Spectropho	4	
0116.COMP	10	11:21	05:05:30.6	+52:49:52	600	89	1.5	0 Calibration	4	
0117.bb148	1320	11:24	06:29:43.0	+65:47:18	600	89	1.5	#178 Low Mass	4	
0118.COMP	10	11:46	06:29:43.0	+65:47:18	600	89	1.5	0 Calibration	4	
0119.bb145	960	11:49	05:13:14.9	+00:02:27	600	89	1.5	#178 Low Mass	4	
0120.COMP	10	12:06	05:13:14.9	+00:02:27	600	89	1.5	0 Calibration	4	
0121-0130.BIAS	0	12:09	05:13:14.9	+00:02:27	600	89	1.5	0 Calibration	4	
0131-0145.FLAT	12	12:14	05:13:14.9	+00:02:27	600	89	1.5	0 Calibration	4	
0146.test	10	12:19	05:13:14.9	+00:02:27	300	89	3.0	#178 Low Mass	2	
0147.test	10	12:21	05:13:14.9	+00:02:27	300	89	3.0	#178 Low Mass	2	
0148-0152.DARK	900	13:23	05:13:14.9	+00:02:27	300	89	3.0	0 Calibration	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	01:02	19:36:31.8	+31:28:09	300	89	3.0	0 Calibration	4	
0011-0030.FLAT	7	01:09	19:36:31.8	+31:28:09	300	89	3.0	0 Calibration	2	
0031-0040.BIAS	0	01:11	19:36:31.8	+31:28:09	300	89	3.0	0 Calibration	2	
0041.BDp284211	300	01:43	21:51:11.0	+28:51:50	300	89	3.0	#56 Spectropho	2	
0042.COMP	10	01:48	21:51:11.0	+28:51:50	300	88	3.0	0 Calibration	2	
0043.BDp174708	120	01:50	22:11:31.4	+18:05:34	300	88	3.0	#56 Spectropho	2	Bad - Clouds
0044.COMP	10	01:52	22:11:31.4	+18:05:34	300	88	3.0	0 Calibration	2	
0045.BDp174708	60	02:00	22:11:31.4	+18:05:34	300	88	3.0	#56 Spectropho	2	
0046.COMP	10	02:02	22:11:31.4	+18:05:34	300	88	3.0	0 Calibration	2	
0047.BDp174708	80	02:04	22:11:31.4	+18:05:34	300	88	3.0	#56 Spectropho	2	
0048.COMP	10	02:05	22:11:31.4	+18:05:34	300	88	3.0	0 Calibration	2	
0049.WHSS220720+145620	1800	03:05	22:07:20.7	+14:56:21	300	104	3.0	#221 Bright Hi	2	
0050.COMP	10	03:35	22:07:20.7	+14:56:21	300	104	3.0	0 Calibration	2	
0051.snASASSN-14jb	1200	03:47	22:23:16.1	-28:58:31	300	90	3.0	#2 SN Observat	2	
0052.snASASSN-14jb	1200	04:08	22:23:16.1	-28:58:31	300	90	3.0	#2 SN Observat	2	
0053.snASASSN-14jb	1200	04:28	22:23:16.1	-28:58:31	300	90	3.0	#2 SN Observat	2	
0054.COMP	10	04:48	22:23:16.1	-28:58:31	300	90	3.0	0 Calibration	2	
0055.WHSS220734+050618	1500	04:52	22:07:34.3	+05:06:18	300	90	3.0	#221 Bright Hi	2	
0056.COMP	10	05:17	22:07:34.3	+05:06:18	300	90	3.0	0 Calibration	2	
0057.WHSS220735+043154	1500	05:19	22:07:35.9	+04:31:54	300	90	3.0	#221 Bright Hi	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0058.COMP	10	05:45	22:07:35.9	+04:31:54	300	90	3.0	0 Calibration	2	
0059.WHSS220749+165914	1800	05:47	22:07:49.4	+16:59:14	300	90	3.0	#221 Bright Hi	2	
0060.COMP	10	06:17	22:07:49.4	+16:59:14	300	90	3.0	0 Calibration	2	
0061.WHSS230513-023538	1800	06:20	23:05:13.2	-02:35:39	300	90	3.0	#221 Bright Hi	2	
0062.COMP	10	06:50	23:05:13.2	-02:35:39	300	90	3.0	0 Calibration	2	
0063.WHSS230559+304356	1500	06:52	23:05:59.2	+30:43:57	300	90	3.0	#221 Bright Hi	2	
0064.COMP	10	07:20	23:05:59.2	+30:43:57	300	90	3.0	0 Calibration	2	
0065.WHSS230600+232919	1800	07:22	23:06:00.6	+23:29:19	300	90	3.0	#221 Bright Hi	2	
0066.COMP	10	07:52	23:06:00.6	+23:29:19	300	90	3.0	0 Calibration	2	
0067.Kenfill025	1500	07:54	03:38:35.6	+09:48:36	300	90	3.0	#210 Brightest	2	
0068.COMP	10	08:20	03:38:35.6	+09:48:36	300	90	3.0	0 Calibration	2	
0069.Kenfill026	1500	08:21	03:37:21.9	+09:47:30	300	90	3.0	#210 Brightest	2	
0070.COMP	10	08:47	03:37:21.9	+09:47:30	300	90	3.0	0 Calibration	2	
0071.Kenfill027	1500	08:48	03:38:42.1	+09:50:39	300	90	3.0	#210 Brightest	2	
0072.COMP	10	09:14	03:38:42.1	+09:50:39	300	90	3.0	0 Calibration	2	
0073.Kenfill028	1500	09:15	03:39:39.1	+09:58:55	300	90	3.0	#210 Brightest	2	
0074.COMP	10	09:41	03:39:39.1	+09:58:55	300	90	3.0	0 Calibration	2	
0075.Kenfill029	1080	09:42	03:38:59.9	+09:55:53	300	90	3.0	#210 Brightest	2	
0076.COMP	10	10:00	03:38:59.9	+09:55:53	300	90	3.0	0 Calibration	2	
0077.Kenfill030	1500	10:02	03:36:40.8	+09:34:38	300	90	3.0	#210 Brightest	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0078.COMP	10	10:28	03:36:40.8	+09:34:38	300	90	3.0	0 Calibration	2	
0079.Kenfill031	1800	10:29	03:40:11.8	+10:10:55	300	90	3.0	#210 Brightest	2	
0080.COMP	10	10:59	03:40:11.8	+10:10:55	300	90	3.0	0 Calibration	2	
0081.Kenfill032	2000	11:03	03:35:24.7	+10:03:59	300	90	3.0	#210 Brightest	2	rotation curve
0082.COMP	10	11:37	03:35:24.7	+10:03:59	300	90	3.0	0 Calibration	2	
0083.Kenfill033	1200	11:38	03:38:44.6	+10:03:41	300	90	3.0	#210 Brightest	2	
0084.COMP	10	12:02	03:38:44.6	+10:03:41	300	90	3.0	0 Calibration	2	
0085.rmbcg011	1800	12:05	08:50:27.8	+00:15:02	300	90	3.0	#210 Brightest	2	
0086.COMP	10	12:35	08:50:27.8	+00:15:02	300	90	3.0	0 Calibration	2	
0087.Hiltner600	90	12:37	06:45:13.4	+02:08:15	300	90	3.0	#56 Spectropho	2	
0088.COMP	10	12:39	06:45:13.4	+02:08:15	300	90	3.0	0 Calibration	2	
0089.G191B2B	300	12:41	05:05:30.6	+52:49:52	300	90	3.0	#56 Spectropho	2	
0090.COMP	10	12:47	05:05:30.6	+52:49:52	300	90	3.0	0 Calibration	2	
0091-0100.BIAS	0	12:52	05:05:30.6	+52:49:52	300	90	3.0	0 Calibration	2	
0101-0120.FLAT	7	13:00	05:05:30.6	+52:49:52	300	90	3.0	0 Calibration	2	
0121-0122.DARK	900	13:16	05:05:30.6	+52:49:52	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
0001-0005.DARK	900	00:31	05:05:30.6	+52:49:52	300	90	3.0	0 Calibration	4	
0006-0015.BIAS	0	00:52	05:05:30.6	+52:49:52	300	90	3.0	0 Calibration	4	
0016-0035.FLAT	7	00:59	05:05:30.6	+52:49:52	300	90	3.0	0 Calibration	2	
0036-0045.BIAS	0	01:02	05:05:30.6	+52:49:52	300	90	3.0	0 Calibration	2	
0046.BDp174708	45	01:38	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0047.COMP	10	01:39	22:11:31.4	+18:05:34	300	90	3.0	0 Calibration	2	
0048.BDp284211	130	01:40	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0049.COMP	10	01:43	21:51:11.0	+28:51:50	300	90	3.0	0 Calibration	2	
0050.rmbcg012	2400	01:46	22:20:08.5	+09:23:55	300	90	3.0	#210 Brightest	2	
0051.COMP	10	02:27	22:20:08.5	+09:23:55	300	88	3.0	0 Calibration	2	
0052.WHSS220752+200459	600	02:29	22:07:52.9	+20:05:00	300	89	3.0	#221 Bright Hi	2	
0053.COMP	10	02:40	22:07:52.9	+20:05:00	300	89	3.0	0 Calibration	2	
0054.WHSS220850-034243	660	02:41	22:08:50.6	-03:42:44	300	89	3.0	#221 Bright Hi	2	
0055.COMP	10	02:53	22:08:50.6	-03:42:44	300	90	3.0	0 Calibration	2	
0056.WHSS220925+300803	1020	02:56	22:09:25.7	+30:08:03	300	90	3.0	#221 Bright Hi	2	
0057.COMP	10	03:15	22:09:25.7	+30:08:03	300	89	3.0	0 Calibration	2	
0058.WHSS221203+301241	900	03:17	22:12:03.7	+30:12:42	300	89	3.0	#221 Bright Hi	2	
0059.COMP	10	03:33	22:12:03.7	+30:12:42	300	90	3.0	0 Calibration	2	
0060.WHSS221034+052342	840	03:35	22:10:34.1	+05:23:42	300	90	3.0	#221 Bright Hi	2	
0061.COMP	10	03:49	22:10:34.1	+05:23:42	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
0062.snASASSN-14jb	1200	03:52	22:23:16.1	-28:58:31	300	90	3.0	#220 ASASSN Tr	2	
0063.snASASSN-14jb	1200	04:12	22:23:16.1	-28:58:31	300	90	3.0	#220 ASASSN Tr	2	
0064.snASASSN-14jb	1200	04:33	22:23:16.1	-28:58:31	300	90	3.0	#220 ASASSN Tr	2	
0065.COMP	10	04:53	22:23:16.1	-28:58:31	300	90	3.0	0 Calibration	2	
0066.lmwd480	730	05:00	21:39:07.4	+22:27:09	600	81	1.5	#178 Low Mass	4	
0067.lmwd480	730	05:12	21:39:07.4	+22:27:09	600	81	1.5	#178 Low Mass	4	
0068.lmwd480	730	05:25	21:39:07.4	+22:27:09	600	81	1.5	#178 Low Mass	4	
0069.lmwd480	730	05:37	21:39:07.4	+22:27:09	600	81	1.5	#178 Low Mass	4	
0070.COMP	10	05:50	21:39:07.4	+22:27:09	600	81	1.5	0 Calibration	4	
0071.bb240	516	05:52	22:48:43.4	+28:17:28	600	90	1.5	#178 Low Mass	4	
0072.COMP	10	06:01	22:48:43.4	+28:17:28	600	90	1.5	0 Calibration	4	
0073.bb241	500	06:03	22:57:10.1	+31:17:18	600	90	1.5	#178 Low Mass	4	
0074.COMP	10	06:11	22:57:10.1	+31:17:18	600	90	1.5	0 Calibration	4	
0075.bb242	812	06:24	23:00:42.6	-07:10:09	600	90	1.5	#178 Low Mass	4	
0076.COMP	10	06:38	23:00:42.6	-07:10:09	600	90	1.5	0 Calibration	4	
0077.lamost027	480	06:41	02:14:43.3	+56:22:54	600	88	1.5	#178 Low Mass	4	
0078.lamost027	480	06:50	02:14:43.3	+56:22:54	600	88	1.5	#178 Low Mass	4	
0079.lamost027	480	06:58	02:14:43.3	+56:22:54	600	88	1.5	#178 Low Mass	4	
0080.COMP	10	07:06	02:14:43.3	+56:22:54	600	87	1.5	0 Calibration	4	
0081.lamost026	600	07:09	02:15:20.9	+56:15:01	600	87	1.5	#178 Low Mass	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0082.lamost026	600	07:19	02:15:20.9	+56:15:01	600	87	1.5	#178 Low Mass	4	
0083.lamost026	600	07:29	02:15:20.9	+56:15:01	600	87	1.5	#178 Low Mass	4	
0084.COMP	10	07:40	02:15:20.9	+56:15:01	600	89	1.5	0 Calibration	4	
0085.G191B2B	300	07:42	05:05:30.6	+52:49:52	600	89	1.5	#56 Spectropho	4	
0086.COMP	10	07:48	05:05:30.6	+52:49:52	600	89	1.5	0 Calibration	4	
0087-0096.FLAT	12	07:53	05:05:30.6	+52:49:52	600	89	1.5	0 Calibration	4	
0097.Kenfill034	2400	08:02	03:35:39.4	+10:14:09	300	89	3.0	#210 Brightest	2	
0098.COMP	10	08:43	03:35:39.4	+10:14:09	300	90	3.0	0 Calibration	2	
0099.Kenfill035	1800	08:45	03:38:30.7	+09:49:55	300	80	3.0	#210 Brightest	2	
0100.COMP	10	09:15	03:38:30.7	+09:49:55	300	80	3.0	0 Calibration	2	
0101.Kenfill036	1200	09:16	03:38:10.4	+10:01:01	300	80	3.0	#210 Brightest	2	
0102.COMP	10	09:37	03:38:10.4	+10:01:01	300	80	3.0	0 Calibration	2	
0103.Kenfill037	1800	09:38	03:39:13.2	+10:13:48	300	80	3.0	#210 Brightest	2	
0104.COMP	10	10:09	03:39:13.2	+10:13:48	300	80	3.0	0 Calibration	2	
0105.Kenfill038	1800	10:10	03:38:49.6	+09:49:08	300	80	3.0	#210 Brightest	2	
0106.COMP	10	10:40	03:38:49.6	+09:49:08	300	80	3.0	0 Calibration	2	
0107.Kenfill039	2400	10:43	03:41:30.3	+09:38:26	300	90	3.0	#210 Brightest	2	
0108.COMP	10	11:23	03:41:30.3	+09:38:26	300	89	3.0	0 Calibration	2	
0109.Pbcg004	600	11:26	09:08:16.5	+16:02:28	300	70	3.0	#210 Brightest	2	
0110.COMP	10	11:37	09:08:16.5	+16:02:28	300	70	3.0	0 Calibration	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0111.G191B2B	300	11:39	05:05:30.6	+52:49:52	300	90	3.0	#56 Spectropho	2	
0112.COMP	10	11:44	05:05:30.6	+52:49:52	300	90	3.0	0 Calibration	2	
0113.G191B2B	300	11:46	05:05:30.6	+52:49:52	300	89	3.0	#56 Spectropho	2	
0114.COMP	10	11:52	05:05:30.6	+52:49:52	300	90	3.0	0 Calibration	2	
0115.Hiltner600	70	11:54	06:45:13.4	+02:08:15	300	90	3.0	#56 Spectropho	2	
0116.COMP	10	11:56	06:45:13.4	+02:08:15	300	90	3.0	0 Calibration	2	
0117.Pbcg005	1500	11:57	09:08:22.8	+16:03:17	300	90	3.0	#210 Brightest	2	
0118.COMP	10	12:23	09:08:22.8	+16:03:17	300	89	3.0	0 Calibration	2	
0119.BXMon	15	12:24	07:25:23.0	-03:35:51	300	89	3.0	#12 Symbiotic	2	
0120.BXMon	180	12:25	07:25:23.0	-03:35:51	300	89	3.0	#12 Symbiotic	2	
0121.COMP	10	12:28	07:25:23.0	-03:35:51	300	89	3.0	0 Calibration	2	
0122.SS129	300	12:30	07:32:45.0	-26:49:16	300	70	3.0	#12 Symbiotic	2	
0123.SS129	300	12:35	07:32:45.0	-26:49:16	300	70	3.0	#12 Symbiotic	2	
0124.COMP	10	12:41	07:32:45.0	-26:49:16	300	70	3.0	0 Calibration	2	
0125-0134.BIAS	0	12:50	07:32:45.0	-26:49:16	300	90	3.0	0 Calibration	2	
0135-0154.FLAT	7	12:58	07:32:45.0	-26:49:16	300	90	3.0	0 Calibration	2	
0155-0164.DARK	900	15:19	07:32:45.0	-26:49:16	300	90	3.0	0 Calibration	2	

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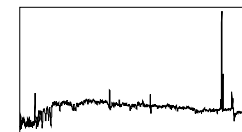
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	00:53	07:32:45.0	-26:49:16	300	90	3.0	0 Calibration	4	
0011-0020.BIAS	0	01:17	07:32:45.0	-26:49:16	300	90	3.0	0 Calibration	4	
0021-0040.FLAT	7	01:24	07:32:45.0	-26:49:16	300	90	3.0	0 Calibration	2	
0041-0050.BIAS	0	01:27	07:32:45.0	-26:49:16	300	90	3.0	0 Calibration	2	
0051.BDp174708	90	01:40	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0052.COMP	10	01:42	22:11:31.4	+18:05:34	300	90	3.0	0 Calibration	2	
0053.BDp174708	60	01:44	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0054.COMP	10	01:45	22:11:31.4	+18:05:34	300	90	3.0	0 Calibration	2	
0055.BDp284211	120	01:47	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0056.COMP	10	01:49	21:51:11.0	+28:51:50	300	89	3.0	0 Calibration	2	
0057.N7331	180	01:51	22:37:04.1	+34:24:56	300	89	3.0	#57 Velocity S	2	
0058.COMP	10	01:54	22:37:04.1	+34:24:56	300	88	3.0	0 Calibration	2	
0059.YYHer	10	01:56	18:14:34.0	+20:59:19	300	88	3.0	#12 Symbiotic	2	
0060.YYHer	60	01:57	18:14:34.0	+20:59:19	300	88	3.0	#12 Symbiotic	2	
0061.COMP	10	01:58	18:14:34.0	+20:59:19	300	88	3.0	0 Calibration	2	
0062.AS296	30	02:00	18:15:07.0	-00:18:52	300	88	3.0	#12 Symbiotic	2	
0063.AS296	120	02:01	18:15:07.0	-00:18:52	300	88	3.0	#12 Symbiotic	2	
0064.COMP	10	02:03	18:15:07.0	-00:18:52	300	90	3.0	0 Calibration	2	
0065.Hen1674	120	02:08	18:20:19.1	-26:22:46	300	89	3.0	#12 Symbiotic	2	
0066.Hen1674	600	02:10	18:20:19.1	-26:22:46	300	89	3.0	#12 Symbiotic	2	

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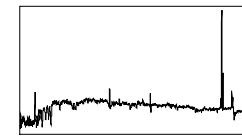
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0067.COMP	10	02:20	18:20:19.1	-26:22:46	300	90	3.0	0 Calibration	2	
0068.V443Her	5	02:22	18:22:07.0	+23:27:20	300	90	3.0	#12 Symbiotic	2	
0069.V443Her	45	02:23	18:22:07.0	+23:27:20	300	90	3.0	#12 Symbiotic	2	
0070.V443Her	90	02:24	18:22:07.0	+23:27:20	300	90	3.0	#12 Symbiotic	2	
0071.COMP	10	02:26	18:22:07.0	+23:27:20	300	89	3.0	0 Calibration	2	
0072.AS338	90	02:28	19:03:47.0	+16:26:17	300	89	3.0	#12 Symbiotic	2	
0073.AS338	600	02:30	19:03:47.0	+16:26:17	300	89	3.0	#12 Symbiotic	2	
0074.COMP	10	02:41	19:03:47.0	+16:26:17	300	89	3.0	0 Calibration	2	
0075.WHSS221227-014929	1800	02:47	22:12:27.8	-01:49:30	300	89	3.0	#221 Bright Hi	2	
0076.COMP	10	03:17	22:12:27.8	-01:49:30	300	89	3.0	0 Calibration	2	
0077.WHSS221321+133633	1200	03:19	22:13:21.9	+13:36:34	300	89	3.0	#221 Bright Hi	2	
0078.COMP	10	03:40	22:13:21.9	+13:36:34	300	90	3.0	0 Calibration	2	
0079.WHSS221331+102638	900	03:41	22:13:31.5	+10:26:39	300	90	3.0	#221 Bright Hi	2	
0080.COMP	10	03:57	22:13:31.5	+10:26:39	300	90	3.0	0 Calibration	2	
0081.ASASSN-14jb	1200	04:01	22:23:16.1	-28:58:31	300	90	3.0	#220 ASASSN Tr	2	
0082.ASASSN-14jb	1200	04:21	22:23:16.1	-28:58:31	300	90	3.0	#220 ASASSN Tr	2	
0083.ASASSN-14jb	1200	04:41	22:23:16.1	-28:58:31	300	90	3.0	#220 ASASSN Tr	2	
0084.COMP	10	05:02	22:23:16.1	-28:58:31	300	89	3.0	0 Calibration	2	
0085.WHSS221332+262958	1200	05:04	22:13:32.0	+26:29:58	300	90	3.0	#221 Bright Hi	2	
0086.COMP	10	05:25	22:13:32.0	+26:29:58	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
0087.PSNJ23p29	1800	05:31	23:56:06.5	+29:22:42	300	99	3.0	#2 SN Observat	2	
0088.COMP	10	06:03	23:56:06.5	+29:22:42	300	99	3.0	0 Calibration	2	
0089.PSNJ23p29	1800	06:05	23:56:06.5	+29:22:42	300	21	3.0	#2 SN Observat	2	
0090.PSNJ23p29	1800	06:36	23:56:06.5	+29:22:42	300	20	3.0	#2 SN Observat	2	
0091.COMP	10	07:06	23:56:06.5	+29:22:42	300	20	3.0	0 Calibration	2	
0092.WHSS221415+282829	1500	07:47	22:14:15.0	+28:28:30	300	90	3.0	#221 Bright Hi	2	
0093.COMP	10	08:12	22:14:15.0	+28:28:30	300	90	3.0	0 Calibration	2	
0094.AWI0004nfn	20	08:18	03:15:51.6	+49:52:40	300	90	3.0	#219 Disk Dete	2	
0095.AWI0004nfn	40	08:20	03:15:51.6	+49:52:40	300	90	3.0	#219 Disk Dete	2	
0096.AWI0004nfn	50	08:21	03:15:51.6	+49:52:40	300	89	3.0	#219 Disk Dete	2	
0097.COMP	10	08:23	03:15:51.6	+49:52:40	300	89	3.0	0 Calibration	2	
0098.AWI0005ylv	240	08:24	03:39:00.6	+29:41:45	300	89	3.0	#219 Disk Dete	2	
0099.COMP	10	08:29	03:39:00.6	+29:41:45	300	89	3.0	0 Calibration	2	
0100.AWI0005ylz	45	08:31	03:44:00.3	+24:33:24	300	89	3.0	#219 Disk Dete	2	
0101.AWI0005ylz	20	08:32	03:44:00.3	+24:33:24	300	89	3.0	#219 Disk Dete	2	
0102.COMP	10	08:33	03:44:00.3	+24:33:24	300	89	3.0	0 Calibration	2	
0103.AWI0005ylw	12	08:34	03:39:06.7	+24:42:09	300	89	3.0	#219 Disk Dete	2	
0104.COMP	10	08:35	03:39:06.7	+24:42:09	300	89	3.0	0 Calibration	2	
0105.AWI0005ylw	6	08:36	03:39:06.7	+24:42:09	300	89	3.0	#219 Disk Dete	2	
0106.COMP	10	08:36	03:39:06.7	+24:42:09	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
0107.AWI0005ym9	8	08:38	03:51:57.4	+25:59:55	300	89	3.0	#219 Disk Dete	2	
0108.AWI0005ym9	12	08:39	03:51:57.4	+25:59:55	300	89	3.0	#219 Disk Dete	2	
0109.COMP	10	08:40	03:51:57.4	+25:59:55	300	89	3.0	0 Calibration	2	
0110.AWI0005ym7	4	08:41	03:49:21.8	+24:22:51	300	89	3.0	#219 Disk Dete	2	
0111.AWI0005ym7	7	08:41	03:49:21.8	+24:22:51	300	89	3.0	#219 Disk Dete	2	
0112.COMP	10	08:42	03:49:21.8	+24:22:51	300	89	3.0	0 Calibration	2	
0113.AWI00062b1	4	08:45	03:33:37.9	-07:24:53	300	89	3.0	#219 Disk Dete	2	
0114.AWI00062b1	12	08:45	03:33:37.9	-07:24:53	300	89	3.0	#219 Disk Dete	2	
0115.AWI00062b1	15	08:46	03:33:37.9	-07:24:53	300	89	3.0	#219 Disk Dete	2	
0116.COMP	10	08:47	03:33:37.9	-07:24:53	300	89	3.0	0 Calibration	2	
0117.AWI0004nfu	8	08:49	03:28:53.7	+49:04:12	300	89	3.0	#219 Disk Dete	2	
0118.COMP	10	08:50	03:28:53.7	+49:04:12	300	89	3.0	0 Calibration	2	
0119.AWI00055vx	20	08:53	04:06:49.3	+70:27:37	300	89	3.0	#219 Disk Dete	2	
0120.AWI00055vx	30	08:54	04:06:49.3	+70:27:37	300	89	3.0	#219 Disk Dete	2	
0121.COMP	10	08:55	04:06:49.3	+70:27:37	300	89	3.0	0 Calibration	2	
0122.AWI0002ozm	10	08:58	04:15:17.5	+50:51:24	300	81	3.0	#219 Disk Dete	2	
0123.AWI0002ozm	45	08:59	04:15:17.5	+50:51:24	300	81	3.0	#219 Disk Dete	2	
0124.COMP	10	09:00	04:15:17.5	+50:51:24	300	81	3.0	0 Calibration	2	
0125.AWI0005zgj	10	09:03	04:07:54.7	+16:31:50	300	85	3.0	#219 Disk Dete	2	
0126.COMP	10	09:03	04:07:54.7	+16:31:50	300	85	3.0	0 Calibration	2	

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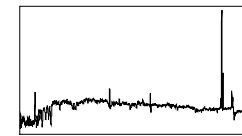
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0127.AWI0005zz5	6	09:05	04:02:38.5	-00:48:03	300	85	3.0	#219 Disk Dete	2	
0128.AWI0005zz5	3	09:06	04:02:38.5	-00:48:03	300	85	3.0	#219 Disk Dete	2	
0129.COMP	10	09:06	04:02:38.5	-00:48:03	300	85	3.0	0 Calibration	2	
0130.AWI00055sx	5	09:09	01:06:52.6	+74:37:54	300	85	3.0	#219 Disk Dete	2	
0131.AWI00055sx	25	09:10	01:06:52.6	+74:37:54	300	85	3.0	#219 Disk Dete	2	
0132.AWI00055sx	30	09:11	01:06:52.6	+74:37:54	300	85	3.0	#219 Disk Dete	2	
0133.COMP	10	09:12	01:06:52.6	+74:37:54	300	85	3.0	0 Calibration	2	
0134.AWI00055sz	30	09:13	01:16:36.2	+74:01:36	300	85	3.0	#219 Disk Dete	2	
0135.AWI00055sz	15	09:14	01:16:36.2	+74:01:36	300	85	3.0	#219 Disk Dete	2	
0136.COMP	10	09:17	01:16:36.2	+74:01:36	300	85	3.0	0 Calibration	2	
0137.AWI0002vbd	10	09:19	02:02:06.7	+60:17:41	300	85	3.0	#219 Disk Dete	2	
0138.AWI0002vbd	20	09:20	02:02:06.7	+60:17:41	300	85	3.0	#219 Disk Dete	2	
0139.COMP	10	09:21	02:02:06.7	+60:17:41	300	85	3.0	0 Calibration	2	
0140.AWI0003cs7	15	09:22	02:15:32.2	+59:14:24	300	85	3.0	#219 Disk Dete	2	
0141.AWI0003cs7	35	09:24	02:15:32.2	+59:14:24	300	85	3.0	#219 Disk Dete	2	
0142.COMP	10	09:25	02:15:32.2	+59:14:24	300	85	3.0	0 Calibration	2	
0143.Kenfill1039	1800	09:30	03:41:30.3	+09:38:26	300	85	3.0	#210 Brightest	2	
0144.COMP	10	10:00	03:41:30.3	+09:38:26	300	85	3.0	0 Calibration	2	
0145.Kenfill1040	1220	10:01	03:36:32.1	+10:26:58	300	85	3.0	#210 Brightest	2	
0146.COMP	10	10:22	03:36:32.1	+10:26:58	300	86	3.0	0 Calibration	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0147.Kenfill041	1800	10:24	03:35:53.8	+10:09:04	300	86	3.0	#210 Brightest	2	
0148.COMP	10	10:54	03:35:53.8	+10:09:04	300	86	3.0	0 Calibration	2	
0149.Kenfill042	1800	10:56	03:37:58.3	+09:39:17	300	86	3.0	#210 Brightest	2	
0150.COMP	10	11:26	03:37:58.3	+09:39:17	300	86	3.0	0 Calibration	2	
0151.Kenfill044	1200	11:28	03:39:41.0	+10:01:10	300	90	3.0	#210 Brightest	2	
0152.COMP	10	11:48	03:39:41.0	+10:01:10	300	90	3.0	0 Calibration	2	
0153.Kenfill043	1800	11:50	03:38:40.4	+10:39:30	300	90	3.0	#210 Brightest	2	
0154.COMP	10	12:21	03:38:40.4	+10:39:30	300	90	3.0	0 Calibration	2	
0155.GITau	240	12:22	04:33:34.0	+24:21:18	300	90	3.0	#12 Symbiotic	2	
0156.COMP	10	12:27	04:33:34.0	+24:21:18	300	89	3.0	0 Calibration	2	
0157.GKTau	240	12:28	04:33:34.5	+24:21:07	300	90	3.0	#12 Symbiotic	2	
0158.COMP	10	12:32	04:33:34.5	+24:21:07	300	90	3.0	0 Calibration	2	
0159.BGGem	300	12:34	06:03:31.0	+27:41:50	300	90	3.0	#12 Symbiotic	2	
0160.COMP	10	12:39	06:03:31.0	+27:41:50	300	90	3.0	0 Calibration	2	
0161-0170.BIAS	0	12:45	06:03:31.0	+27:41:50	300	90	3.0	0 Calibration	2	
0171-0190.FLAT	7	12:52	06:03:31.0	+27:41:50	300	90	3.0	0 Calibration	2	
0191-0200.DARK	900	15:12	06:03:31.0	+27:41:50	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	00:43	06:03:31.0	+27:41:50	300	90	3.0	0 Calibration	4	
0011-0020.FLAT	4	00:45	06:03:31.0	+27:41:50	300	90	3.0	0 Calibration	4	
0021-0030.BIAS	0	00:47	06:03:31.0	+27:41:50	300	90	3.0	0 Calibration	2	
0031-0045.FLAT	7	00:52	06:03:31.0	+27:41:50	300	90	3.0	0 Calibration	2	
0046.BDp284211	150	01:55	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0047.BDp284211	150	01:57	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0048.COMP	10	02:01	21:51:11.0	+28:51:50	300	88	3.0	0 Calibration	2	
0049.BDp174708	90	02:05	22:11:31.4	+18:05:34	300	88	3.0	#56 Spectropho	2	
0050.BDp174708	90	02:07	22:11:31.4	+18:05:34	300	88	3.0	#56 Spectropho	2	
0051.COMP	10	02:09	22:11:31.4	+18:05:34	300	88	3.0	0 Calibration	2	
0052.N7331	180	02:12	22:37:04.1	+34:24:56	300	88	3.0	#57 Velocity S	2	
0053.COMP	10	02:16	22:37:04.1	+34:24:56	300	89	3.0	0 Calibration	2	
0054.HPbcg077	1800	02:26	22:33:54.5	+05:37:36	300	90	3.0	#210 Brightest	2	
0055.COMP	10	02:57	22:33:54.5	+05:37:36	300	90	3.0	0 Calibration	2	
0056.WHSS221449+141753	1200	03:05	22:14:49.3	+14:17:53	300	90	3.0	#221 Bright Hi	2	
0057.COMP	10	03:27	22:14:49.3	+14:17:53	300	90	3.0	0 Calibration	2	
0058.WHSS221449+141753	1800	03:30	22:14:49.3	+14:17:53	300	90	3.0	#221 Bright Hi	2	
0059.COMP	10	04:00	22:14:49.3	+14:17:53	300	89	3.0	0 Calibration	2	
0060.ASASSN-14jb	1200	04:06	22:23:16.1	-28:58:31	300	89	3.0	#220 ASASSN Tr	2	
0061.ASASSN-14jb	1200	04:26	22:23:16.1	-28:58:31	300	89	3.0	#220 ASASSN Tr	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0062.COMP	10	04:47	22:23:16.1	-28:58:31	300	89	3.0	0 Calibration	2	
0063.22370259+5011537	900	04:52	22:37:02.6	+50:11:54	300	89	3.0	#141 2MASS Red	2	
0064.COMP	10	05:08	22:37:02.6	+50:11:54	300	89	3.0	0 Calibration	2	
0065.22393030+5107354	600	05:11	22:39:30.3	+51:07:35	300	89	3.0	#141 2MASS Red	2	
0066.COMP	10	05:22	22:39:30.3	+51:07:35	300	89	3.0	0 Calibration	2	
0067.21531982+4749377	900	05:26	21:53:19.8	+47:49:38	300	89	3.0	#141 2MASS Red	2	
0068.21531982+4749377	900	05:41	21:53:19.8	+47:49:38	300	89	3.0	#141 2MASS Red	2	
0069.COMP	10	05:57	21:53:19.8	+47:49:38	300	89	3.0	0 Calibration	2	
0070.ASASSN-14i1	600	06:12	00:45:32.6	-14:15:33	300	89	3.0	#220 ASASSN Tr	2	
0070.ASASSN-14i1q.ms	600	06:12	00:45:32.6	-14:15:33	300	89	3.0	#220 ASASSN Tr	1	
0071.COMP	10	06:23	00:45:32.6	-14:15:33	300	90	3.0	0 Calibration	2	
0072.AWI0000jvv	90	06:29	00:35:07.1	+07:06:25	300	90	3.0	#219 Disk Dete	2	
0073.COMP	10	06:31	00:35:07.1	+07:06:25	300	90	3.0	0 Calibration	2	
0074.AWI0005zx4	20	06:33	01:49:28.2	+24:40:48	300	90	3.0	#219 Disk Dete	2	
0075.COMP	10	06:34	01:49:28.2	+24:40:48	300	90	3.0	0 Calibration	2	
0076.AWI00062aj	20	06:37	02:02:21.2	+19:23:23	300	90	3.0	#219 Disk Dete	2	
0077.COMP	10	06:38	02:02:21.2	+19:23:23	300	90	3.0	0 Calibration	2	
0078.AWI0005w6v	20	06:41	02:13:27.0	+42:19:23	300	90	3.0	#219 Disk Dete	2	
0079.AWI0005w6v	60	06:42	02:13:27.0	+42:19:23	300	90	3.0	#219 Disk Dete	2	
0080.COMP	10	06:44	02:13:27.0	+42:19:23	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
0081.AWI0005yjn	10	06:45	02:23:17.3	+38:15:09	300	90	3.0	#219 Disk Dete	2	
0082.COMP	10	06:46	02:23:17.3	+38:15:09	300	90	3.0	0 Calibration	2	
0083.AWI0005yjp	10	06:49	02:25:15.8	+37:07:07	300	90	3.0	#219 Disk Dete	2	
0084.COMP	10	06:50	02:25:15.8	+37:07:07	300	90	3.0	0 Calibration	2	
0085.AWI0000phh	10	06:53	02:56:14.1	+04:02:54	300	90	3.0	#219 Disk Dete	2	
0086.COMP	10	06:54	02:56:14.1	+04:02:54	300	90	3.0	0 Calibration	2	
0087.AWI0000xbv	20	07:01	02:59:26.8	+59:35:31	300	90	3.0	#219 Disk Dete	2	
0088.COMP	10	07:01	02:59:26.8	+59:35:31	300	90	3.0	0 Calibration	2	
0089.AWI0000zqw	360	07:04	03:28:47.8	+57:55:56	300	90	3.0	#219 Disk Dete	2	
0090.COMP	10	07:11	03:28:47.8	+57:55:56	300	88	3.0	0 Calibration	2	
0091.AWI0000zqw	900	07:13	03:28:47.8	+57:55:56	300	88	3.0	#219 Disk Dete	2	bad
0092.COMP	10	07:28	03:28:47.8	+57:55:56	300	88	3.0	0 Calibration	2	
0093.AWI0000zqw	900	07:30	03:28:47.8	+57:55:56	300	88	3.0	#219 Disk Dete	2	
0094.COMP	10	07:45	03:28:47.8	+57:55:56	300	88	3.0	0 Calibration	2	
0095.AWI0005w7o	25	07:49	03:24:29.8	+34:17:09	300	88	3.0	#219 Disk Dete	2	
0096.AWI0005w7o	40	07:51	03:24:29.8	+34:17:09	300	86	3.0	#219 Disk Dete	2	
0097.COMP	10	07:53	03:24:29.8	+34:17:09	300	86	3.0	0 Calibration	2	
0098.AWI0005yk3	6	07:55	03:06:52.0	+30:31:36	300	86	3.0	#219 Disk Dete	2	
0099.AWI0005yk3	20	07:56	03:06:52.0	+30:31:36	300	86	3.0	#219 Disk Dete	2	
0100.AWI0005yk3	13	07:57	03:06:52.0	+30:31:36	300	86	3.0	#219 Disk Dete	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0101.COMP	10	07:58	03:06:52.0	+30:31:36	300	86	3.0	0 Calibration	2	
0102.AWI0005ykd	15	08:01	03:24:49.0	+28:39:08	300	86	3.0	#219 Disk Dete	2	
0103.COMP	10	08:02	03:24:49.0	+28:39:08	300	86	3.0	0 Calibration	2	
0104.AWI0005zy4	15	08:05	03:25:04.6	+10:58:35	300	86	3.0	#219 Disk Dete	2	
0105.COMP	10	08:06	03:25:04.6	+10:58:35	300	86	3.0	0 Calibration	2	
0106.03124937+6734314	1800	08:12	03:12:49.4	+67:34:31	300	90	3.0	#141 2MASS Red	2	
0107.COMP	10	08:45	03:12:49.4	+67:34:31	300	89	3.0	0 Calibration	2	
0108.03234193+5043254	1800	08:50	03:23:41.9	+50:43:25	300	89	3.0	#141 2MASS Red	2	
0109.COMP	10	09:23	03:23:41.9	+50:43:25	300	89	3.0	0 Calibration	2	
0110.04033675+6240378	1800	09:27	04:03:36.7	+62:40:38	300	89	3.0	#141 2MASS Red	2	
0111.COMP	10	09:57	04:03:36.7	+62:40:38	300	89	3.0	0 Calibration	2	
0112.04043821+6137377	1800	10:02	04:04:38.2	+61:37:38	300	89	3.0	#141 2MASS Red	2	
0113.COMP	10	10:34	04:04:38.2	+61:37:38	300	89	3.0	0 Calibration	2	
0114.05182978+5130268	900	10:41	05:18:29.8	+51:30:27	300	89	3.0	#141 2MASS Red	2	
0115.COMP	10	10:57	05:18:29.8	+51:30:27	300	89	3.0	0 Calibration	2	
0116.05224577+5117106	900	11:00	05:22:45.8	+51:17:11	300	89	3.0	#141 2MASS Red	2	
0117.COMP	10	11:16	05:22:45.8	+51:17:11	300	90	3.0	0 Calibration	2	
0118.05225566+5104576	900	11:18	05:22:55.7	+51:04:58	300	89	3.0	#141 2MASS Red	2	
0119.COMP	10	11:33	05:22:55.7	+51:04:58	300	89	3.0	0 Calibration	2	
0120.05232973+5108330	720	11:35	05:23:29.7	+51:08:33	300	89	3.0	#141 2MASS Red	2	

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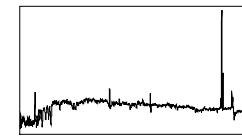
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0121.COMP	10	11:47	05:23:29.7	+51:08:33	300	88	3.0	0 Calibration	2	
0122.05240420+5119346	720	11:50	05:24:04.2	+51:19:35	300	88	3.0	#141 2MASS Red	2	
0123.COMP	10	12:03	05:24:04.2	+51:19:35	300	89	3.0	0 Calibration	2	
0124.snpsnj081116	1800	12:07	08:11:16.4	+25:10:47	300	89	3.0	#2 SN Observat	2	
0125.COMP	10	12:39	08:11:16.4	+25:10:47	300	88	3.0	0 Calibration	2	
0126-0135.BIAS	0	12:54	08:11:16.4	+25:10:47	300	88	3.0	0 Calibration	4	
0136-0145.FLAT	4	12:56	08:11:16.4	+25:10:47	300	88	3.0	0 Calibration	4	
0146-0147.BIAS	0	12:56	08:11:16.4	+25:10:47	300	88	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.BIAS	0	00:45	00:00:00.0	+00:00:00	300	0	3.0	0 Calibration	2	
0002-0011.BIAS	0	00:54	19:44:51.6	+31:27:59	300	89	3.0	0 Calibration	4	
0012-0021.FLAT	4	00:56	19:44:51.6	+31:27:59	300	89	3.0	0 Calibration	4	
0022-0031.BIAS	0	00:58	19:44:51.6	+31:27:59	300	89	3.0	0 Calibration	2	
0032-0046.FLAT	7	01:03	19:44:51.6	+31:27:59	300	89	3.0	0 Calibration	2	
0047.BDp284211	150	01:48	21:51:11.0	+28:51:50	300	89	3.0	#56 Spectropho	2	
0048.BDp284211	150	01:51	21:51:11.0	+28:51:50	300	89	3.0	#56 Spectropho	2	
0049.COMP	10	01:54	21:51:11.0	+28:51:50	300	89	3.0	0 Calibration	2	
0050.BDp174708	90	01:58	22:11:31.4	+18:05:34	300	89	3.0	#56 Spectropho	2	
0051.BDp174708	90	01:59	22:11:31.4	+18:05:34	300	89	3.0	#56 Spectropho	2	
0052.COMP	10	02:02	22:11:31.4	+18:05:34	300	89	3.0	0 Calibration	2	
0053.N7331	180	02:06	22:37:04.1	+34:24:56	300	89	3.0	#57 Velocity S	2	
0054.COMP	10	02:09	22:37:04.1	+34:24:56	300	88	3.0	0 Calibration	2	
0055.AWI00002nt	600	02:15	17:34:34.6	+68:29:25	300	89	3.0	#219 Disk Dete	2	
0056.COMP	10	02:26	17:34:34.6	+68:29:25	300	90	3.0	0 Calibration	2	
0057.AWI00000to	600	02:35	17:38:32.9	+42:51:12	300	90	3.0	#219 Disk Dete	2	
0058.COMP	10	02:46	17:38:32.9	+42:51:12	300	90	3.0	0 Calibration	2	
0059.AWI00002yh	600	02:48	17:40:14.2	+55:37:14	300	90	3.0	#219 Disk Dete	2	
0060.COMP	10	02:59	17:40:14.2	+55:37:14	300	90	3.0	0 Calibration	2	
0061.AWI00001yr	600	03:01	17:50:27.7	+52:32:19	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
0062.COMP	10	03:11	17:50:27.7	+52:32:19	300	89	3.0	0 Calibration	2	
0063.19292589+0153023	1800	03:25	19:29:25.9	+01:53:02	300	89	3.0	#141 2MASS Red	2	
0064.COMP	10	03:55	19:29:25.9	+01:53:02	300	90	3.0	0 Calibration	2	
0065.19521243+1137334	1800	04:03	19:52:12.4	+11:37:33	300	90	3.0	#141 2MASS Red	2	
0066.COMP	10	04:34	19:52:12.4	+11:37:33	300	90	3.0	0 Calibration	2	
0067.20463465+5732107	1800	04:44	20:46:34.6	+57:32:11	300	90	3.0	#141 2MASS Red	2	
0068.COMP	10	05:15	20:46:34.6	+57:32:11	300	90	3.0	0 Calibration	2	
0069.20552181+3618539	1800	05:31	20:55:21.8	+36:18:54	300	90	3.0	#141 2MASS Red	2	
0070.COMP	10	06:01	20:55:21.8	+36:18:54	300	92	3.0	0 Calibration	2	
0071.20590023+5736504	1800	06:08	20:59:00.2	+57:36:50	300	92	3.0	#141 2MASS Red	2	
0072.COMP	10	06:39	20:59:00.2	+57:36:50	300	89	3.0	0 Calibration	2	
0073.21521331+4454092	1200	06:42	21:52:13.3	+44:54:09	300	89	3.0	#141 2MASS Red	2	
0074.COMP	10	07:03	21:52:13.3	+44:54:09	300	90	3.0	0 Calibration	2	
0075.WHSS000302+294322	900	07:09	00:03:02.8	+29:43:23	300	90	3.0	#221 Bright Hi	2	
0076.COMP	10	07:25	00:03:02.8	+29:43:23	300	90	3.0	0 Calibration	2	
0077.WHSS000341+335556	900	07:30	00:03:41.2	+33:55:56	300	90	3.0	#221 Bright Hi	2	
0078.COMP	10	07:46	00:03:41.2	+33:55:56	300	89	3.0	0 Calibration	2	
0079.WHSS024125+295916	600	07:51	02:41:25.3	+29:59:16	300	89	3.0	#221 Bright Hi	2	
0080.COMP	10	08:03	02:41:25.3	+29:59:16	300	88	3.0	0 Calibration	2	
0081.WHSS024416+211104	600	08:08	02:44:16.1	+21:11:04	300	90	3.0	#221 Bright Hi	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0082.COMP	10	08:18	02:44:16.1	+21:11:04	300	90	3.0	0 Calibration	2	
0083.WHSS024525+313018	900	08:22	02:45:25.4	+31:30:18	300	90	3.0	#221 Bright Hi	2	
0084.COMP	10	08:37	02:45:25.4	+31:30:18	300	90	3.0	0 Calibration	2	
0085.WHSS024740+194057	600	08:53	02:47:40.8	+19:40:58	300	90	3.0	#221 Bright Hi	2	
0086.COMP	10	09:04	02:47:40.8	+19:40:58	300	90	3.0	0 Calibration	2	
0087.WHSS024830+312857	600	09:07	02:48:30.8	+31:28:57	300	89	3.0	#221 Bright Hi	2	
0088.COMP	10	09:17	02:48:30.8	+31:28:57	300	89	3.0	0 Calibration	2	
0089.WHSS024831+312913	600	09:20	02:48:31.2	+31:29:13	300	89	3.0	#221 Bright Hi	2	
0090.COMP	10	09:30	02:48:31.2	+31:29:13	300	90	3.0	0 Calibration	2	
0091.Kenfill045	1800	09:45	03:37:17.0	+10:06:12	300	90	3.0	#210 Brightest	2	
0092.COMP	10	10:15	03:37:17.0	+10:06:12	300	90	3.0	0 Calibration	2	
0093.Kenfill046	1800	10:20	03:38:48.0	+09:56:58	300	90	3.0	#210 Brightest	2	
0094.COMP	10	10:50	03:38:48.0	+09:56:58	300	90	3.0	0 Calibration	2	
0095.Kenfill048	1800	11:00	03:39:12.9	+10:40:50	300	90	3.0	#210 Brightest	2	
0096.COMP	10	11:30	03:39:12.9	+10:40:50	300	90	3.0	0 Calibration	2	
0097.Kenfill049	1800	11:35	03:40:05.4	+09:38:52	300	90	3.0	#210 Brightest	2	
0098.COMP	10	12:06	03:40:05.4	+09:38:52	300	89	3.0	0 Calibration	2	
0099-0108.BIAS	0	13:00	07:53:01.2	+31:33:09	300	88	3.0	0 Calibration	2	
0109-0118.FLAT	7	13:06	07:53:01.2	+31:33:09	300	88	3.0	0 Calibration	2	
0119.BIAS	0	13:07	07:53:01.2	+31:33:09	300	88	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.BIAS	0	02:02	07:53:01.2	+31:33:09	600	88	88.00	Calibration	4	
0011-0020.FLAT	4	02:04	07:53:01.2	+31:33:09	600	88	88.00	Calibration	4	
0021-0030.BIAS	0	02:06	07:53:01.2	+31:33:09	300	88	88.00	Calibration	2	
0031-0045.FLAT	7	02:11	07:53:01.2	+31:33:09	300	88	88.00	Calibration	2	
0046.BDp284211	150	02:28	21:51:11.0	+28:51:50	300	88	88.00	#56 Spectropho	2	
0047.BDp284211	150	02:31	21:51:11.0	+28:51:50	300	88	88.00	#56 Spectropho	2	
0048.COMP	10	02:34	21:51:11.0	+28:51:50	300	89	89.00	Calibration	2	
0049.BDp284211	150	02:36	21:51:11.0	+28:51:50	300	90	90.00	#56 Spectropho	2	
0050.COMP	10	02:39	21:51:11.0	+28:51:50	300	90	90.00	Calibration	2	
0051.BDp174708	90	02:42	22:11:31.4	+18:05:34	300	90	90.00	#56 Spectropho	2	
0052.BDp174708	90	02:44	22:11:31.4	+18:05:34	300	90	90.00	#56 Spectropho	2	
0053.COMP	10	02:46	22:11:31.4	+18:05:34	300	90	90.00	Calibration	2	
0054.N7331	180	02:49	22:37:04.1	+34:24:56	300	90	90.00	#57 Velocity S	2	
0055.COMP	10	02:53	22:37:04.1	+34:24:56	300	90	90.00	Calibration	2	
0056.ASASSN-14jb	1200	02:57	22:23:16.1	-28:58:31	300	90	90.00	#220 ASASSN Tr	2	
0057.COMP	10	03:20	22:23:16.1	-28:58:31	300	90	90.00	Calibration	2	
0058.ASASSN-14jb	1200	03:21	22:23:16.1	-28:58:31	300	90	90.00	#220 ASASSN Tr	2	
0059.COMP	10	03:41	22:23:16.1	-28:58:31	300	90	90.00	Calibration	2	
0060.ASASSN-14jb	1200	03:42	22:23:16.1	-28:58:31	300	90	90.00	#220 ASASSN Tr	2	
0061.COMP	10	04:03	22:23:16.1	-28:58:31	300	89	89.00	Calibration	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0062.AWI0004y3p	60	05:10	20:31:24.0	+28:36:25	300	89	89.0	#219 Disk Dete	2	
0063.COMP	10	05:12	20:31:24.0	+28:36:25	300	89	89.00	Calibration	2	
0064.AWI0004y3p	240	05:13	20:31:24.0	+28:36:25	300	89	89.0	#219 Disk Dete	2	
0065.COMP	10	05:18	20:31:24.0	+28:36:25	300	89	89.00	Calibration	2	
0066.AWI0003bu5	240	05:21	19:55:11.2	+26:34:58	300	90	90.0	#219 Disk Dete	2	
0067.COMP	10	05:25	19:55:11.2	+26:34:58	300	90	90.00	Calibration	2	
0068.AWI0005c01	240	05:28	20:51:43.5	+73:04:49	300	90	90.0	#219 Disk Dete	2	
0069.COMP	10	05:33	20:51:43.5	+73:04:49	300	90	90.00	Calibration	2	
0070-0073.DARK	900	14:18	00:03:50.5	+36:32:54	300	90	90.00	Calibration	2	