

UT Date 2018-11-09 Observers Lambert/MacriColl. Focus 1320 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	00:30	15:36:19.9	+31:30:21	300	88	3.0	0 Calibration	2	
0011-0020.BIAS	0	00:31	15:36:19.9	+31:30:21	300	88	3.0	0 Calibration	4	
0021-0030.FLAT	7	00:37	15:36:19.9	+31:30:21	300	88	3.0	0 Calibration	4	
0031-0040.FLAT	7	00:40	15:36:19.9	+31:30:21	300	88	3.0	0 Calibration	2	
0041.BDp404032	120	01:26	20:08:24.1	+41:15:04	300	88	3.0	#56 Spectropho	2	
0042.COMP	10	01:28	20:08:24.1	+41:15:04	300	88	3.0	0 Calibration	2	
0043.CygOB2no9	120	01:37	20:33:10.7	+41:15:08	300	88	3.0	#56 Spectropho	2	
0044.COMP	10	01:39	20:33:10.7	+41:15:08	300	88	3.0	0 Calibration	2	
0045.N7331	180	01:43	22:37:04.1	+34:24:56	300	88	3.0	#57 Velocity S	4	
0046.COMP	5	01:47	22:37:04.1	+34:24:56	300	88	3.0	0 Calibration	4	
0047.18361223+2103534	300	02:03	18:36:12.2	+21:03:53	300	89	3.0	#141 2MASS Red	4	
0048.COMP	5	02:08	18:36:12.2	+21:03:53	300	88	3.0	0 Calibration	4	
0049.19114557+2949467	480	02:11	19:11:45.6	+29:49:47	300	88	3.0	#141 2MASS Red	4	
0050.COMP	5	02:20	19:11:45.6	+29:49:47	300	88	3.0	0 Calibration	4	
0051.22203971+3513198	480	02:25	22:20:39.7	+35:13:20	300	107	3.0	#141 2MASS Red	4	
0052.COMP	5	02:35	22:20:39.7	+35:13:20	300	108	3.0	0 Calibration	4	
0053.22372813+3355235	300	02:38	22:37:28.1	+33:55:23	300	88	3.0	#141 2MASS Red	4	
0054.COMP	5	02:43	22:37:28.1	+33:55:23	300	88	3.0	0 Calibration	4	
0055.22524510+3323518	480	02:48	22:52:45.1	+33:23:52	300	35	3.0	#141 2MASS Red	4	
0056.COMP	5	02:58	22:52:45.1	+33:23:52	300	35	3.0	0 Calibration	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0057.snAT2018huf	900	03:13	23:10:25.1	+38:00:37	300	88	3.0	#2 SN Observat	4	
0058.SN2018gft	1800	03:41	23:57:18.0	-15:37:53	300	88	3.0	#2 SN Observat	4	
0059.SN2018gft	1800	04:12	23:57:18.0	-15:37:53	300	88	3.0	#2 SN Observat	4	
0060.SN2018gft	1800	04:42	23:57:18.0	-15:37:53	300	88	3.0	#2 SN Observat	4	
0061.COMP	5	05:13	23:57:18.0	-15:37:53	300	88	3.0	0 Calibration	4	
0062.snAT2018hco	1800	05:17	01:07:33.6	+23:28:35	300	88	3.0	#2 SN Observat	2	
0063.snAT2018hco	1800	05:48	01:07:33.6	+23:28:35	300	88	3.0	#2 SN Observat	2	
0064.snAT2018hco	1800	06:18	01:07:33.6	+23:28:35	300	88	3.0	#2 SN Observat	2	
0065.COMP	10	06:49	01:07:33.6	+23:28:35	300	88	3.0	0 Calibration	2	
0066.SNPS16dtm	1800	06:57	01:58:04.7	-00:52:22	300	88	3.0	#2 SN Observat	2	
0067.SNPS16dtm	1800	07:28	01:58:04.7	-00:52:22	300	88	3.0	#2 SN Observat	2	
0068.SNPS16dtm	1800	07:58	01:58:04.7	-00:52:22	300	88	3.0	#2 SN Observat	2	
0069.COMP	10	08:29	01:58:04.7	-00:52:22	300	88	3.0	0 Calibration	2	
0070.SN2018hti	1800	08:34	03:40:53.7	+11:46:37	300	88	3.0	#2 SN Observat	2	
0071.SN2018hti	1800	09:04	03:40:53.7	+11:46:37	300	88	3.0	#2 SN Observat	2	
0072.SN2018hti	1800	09:34	03:40:53.7	+11:46:37	300	88	3.0	#2 SN Observat	2	
0073.COMP	10	10:05	03:40:53.7	+11:46:37	300	88	3.0	0 Calibration	2	
0074.02141794+5144520	360	10:08	02:14:17.9	+51:44:52	300	88	3.0	#141 2MASS Red	4	
0075.COMP	5	10:15	02:14:17.9	+51:44:52	300	88	3.0	0 Calibration	4	
0076.05174145+1936010	600	10:23	05:17:41.4	+19:36:01	300	50	3.0	#141 2MASS Red	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0077.05174145+1936010	600	10:35	05:17:41.4	+19:36:01	300	50	3.0	#141 2MASS Red	4	
0078.COMP	5	10:45	05:17:41.4	+19:36:01	300	49	3.0	0 Calibration	4	
0079.05232510+1633198	360	10:48	05:23:25.1	+16:33:20	300	90	3.0	#141 2MASS Red	4	
0080.COMP	5	10:55	05:23:25.1	+16:33:20	300	90	3.0	0 Calibration	4	
0081.05242105+1422371	360	10:57	05:24:21.1	+14:22:37	300	90	3.0	#141 2MASS Red	4	
0082.COMP	5	11:04	05:24:21.1	+14:22:37	300	90	3.0	0 Calibration	4	
0083.05323561+1522511	360	11:08	05:32:35.6	+15:22:51	300	90	3.0	#141 2MASS Red	4	
0084.COMP	5	11:15	05:32:35.6	+15:22:51	300	89	3.0	0 Calibration	4	
0085.05384231+1544532	360	11:17	05:38:42.3	+15:44:53	300	90	3.0	#141 2MASS Red	4	
0086.COMP	5	11:23	05:38:42.3	+15:44:53	300	90	3.0	0 Calibration	4	
0087.06074593+3225063	360	11:25	06:07:45.9	+32:25:06	300	90	3.0	#141 2MASS Red	4	
0088.06074593+3225063	360	11:32	06:07:45.9	+32:25:06	300	90	3.0	#141 2MASS Red	4	
0089.COMP	5	11:39	06:07:45.9	+32:25:06	300	90	3.0	0 Calibration	4	
0090.06294669+1032181	900	11:45	06:29:46.7	+10:32:18	300	90	3.0	#141 2MASS Red	4	
0091.06294669+1032181	900	12:02	06:29:46.7	+10:32:18	300	90	3.0	#141 2MASS Red	4	
0092.COMP	5	12:17	06:29:46.7	+10:32:18	300	90	3.0	0 Calibration	4	
0093.Mkn110	300	12:21	09:25:12.9	+52:17:10	300	90	3.0	#227 Changing-	4	
0094.Mkn110	300	12:26	09:25:12.9	+52:17:10	300	90	3.0	#227 Changing-	4	
0095.Mkn110	300	12:31	09:25:12.9	+52:17:10	300	90	3.0	#227 Changing-	4	
0096.COMP	5	12:36	09:25:12.9	+52:17:10	300	90	3.0	0 Calibration	4	



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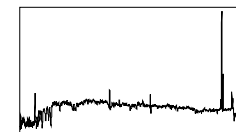
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
comp300+600.ms	10	05:47	10:39:36.9	+43:06:11	300	90	3.0	#56 Spectropho	1	

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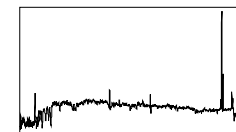
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	00:44	09:25:12.9	+52:17:10	300	90	3.0	0 Calibration	2	
0011-0020.BIAS	0	00:46	09:25:12.9	+52:17:10	300	90	3.0	0 Calibration	4	
0021-0030.FLAT	12	00:51	09:25:12.9	+52:17:10	300	90	3.0	0 Calibration	2	
0031-0040.FLAT	6	00:54	09:25:12.9	+52:17:10	300	90	3.0	0 Calibration	4	
0041.18432770+0553498	900	01:44	18:43:27.7	+05:53:50	300	90	3.0	#141 2MASS Red	4	
0042.18432770+0553498	900	02:02	18:43:27.7	+05:53:50	300	90	3.0	#141 2MASS Red	4	
0043.COMP	5	02:18	18:43:27.7	+05:53:50	300	87	3.0	0 Calibration	4	
0044.18443435+0527564	900	02:23	18:44:34.4	+05:27:56	300	87	3.0	#141 2MASS Red	4	
0045.18443435+0527564	900	02:40	18:44:34.4	+05:27:56	300	87	3.0	#141 2MASS Red	4	
0046.COMP	5	02:56	18:44:34.4	+05:27:56	300	87	3.0	0 Calibration	4	
0047.20000942+4321590	900	03:01	20:00:09.4	+43:21:59	300	88	3.0	#141 2MASS Red	4	
0048.COMP	5	03:18	20:00:09.4	+43:21:59	300	89	3.0	0 Calibration	4	
0049.20113049+4209265	900	03:28	20:11:30.5	+42:09:26	300	89	3.0	#141 2MASS Red	4	
0050.COMP	5	03:46	20:11:30.5	+42:09:26	300	89	3.0	0 Calibration	4	
0051.20171300+4341267	900	03:51	20:17:13.0	+43:41:27	300	89	3.0	#141 2MASS Red	4	
0051.20171300+4341267q.ms	900	03:51	20:17:13.0	+43:41:27	300	89	3.0	#141 2MASS Red	1	
0052.20171300+4341267	900	04:14	20:17:13.0	+43:41:27	300	89	3.0	#141 2MASS Red	4	
0053.COMP	5	04:30	20:17:13.0	+43:41:27	300	89	3.0	0 Calibration	4	
0054.20321160+4937105	1200	04:48	20:32:11.6	+49:37:10	300	110	3.0	#141 2MASS Red	4	
0054.20321160+4937105q.ms	1200	04:48	20:32:11.6	+49:37:10	300	110	3.0	#141 2MASS Red	1	

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0055.20321160+4937105	1200	05:11	20:32:11.6	+49:37:10	300	110	3.0	#141 2MASS Red	4	
0056.COMP	5	05:31	20:32:11.6	+49:37:10	300	109	3.0	0 Calibration	4	
0057.00345616+1027533	360	05:37	00:34:56.2	+10:27:53	300	90	3.0	#141 2MASS Red	4	
0057.00345616+1027533q.ms	360	05:37	00:34:56.2	+10:27:53	300	90	3.0	#141 2MASS Red	1	
0058.COMP	5	05:44	00:34:56.2	+10:27:53	300	90	3.0	0 Calibration	4	
0059.00161976+7025219	600	05:53	00:16:19.8	+70:25:22	300	90	3.0	#141 2MASS Red	4	
0059.00161976+7025219q.ms	600	05:53	00:16:19.8	+70:25:22	300	90	3.0	#141 2MASS Red	1	
0060.COMP	5	06:04	00:16:19.8	+70:25:22	300	89	3.0	0 Calibration	4	
0061.01010569+5804266	600	06:07	01:01:05.7	+58:04:27	300	89	3.0	#141 2MASS Red	4	
0061.01010569+5804266q.ms	600	06:07	01:01:05.7	+58:04:27	300	89	3.0	#141 2MASS Red	1	
0062.01010569+5804266	1200	06:19	01:01:05.7	+58:04:27	300	89	3.0	#141 2MASS Red	4	
0062.01010569+5804266q.ms	1200	06:19	01:01:05.7	+58:04:27	300	89	3.0	#141 2MASS Red	1	
0063.COMP	5	06:40	01:01:05.7	+58:04:27	300	89	3.0	0 Calibration	4	
0064.01013460+6715038	600	06:45	01:01:34.6	+67:15:04	300	89	3.0	#141 2MASS Red	4	
0064.01013460+6715038q.ms	600	06:45	01:01:34.6	+67:15:04	300	89	3.0	#141 2MASS Red	1	
0065.01013460+6715038	600	06:56	01:01:34.6	+67:15:04	300	89	3.0	#141 2MASS Red	4	
0066.01013460+6715038	600	07:06	01:01:34.6	+67:15:04	300	89	3.0	#141 2MASS Red	4	
0067.COMP	5	07:17	01:01:34.6	+67:15:04	300	89	3.0	0 Calibration	4	
0068.01021854+6708091	900	07:24	01:02:18.5	+67:08:09	300	110	3.0	#141 2MASS Red	4	
0068.01021854+6708091q.ms	900	07:24	01:02:18.5	+67:08:09	300	110	3.0	#141 2MASS Red	1	

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0069.01021854+6708091	900	07:40	01:02:18.5	+67:08:09	300	110	3.0	#141 2MASS Red	4	
0069.01021854+6708091q.ms	900	07:40	01:02:18.5	+67:08:09	300	110	3.0	#141 2MASS Red	1	
0070.COMP	5	07:56	01:02:18.5	+67:08:09	300	110	3.0	0 Calibration	4	
0071.01173664+5959488	600	07:59	01:17:36.6	+59:59:49	300	90	3.0	#141 2MASS Red	4	
0071.01173664+5959488q.ms	600	07:59	01:17:36.6	+59:59:49	300	90	3.0	#141 2MASS Red	1	
0072.COMP	5	08:10	01:17:36.6	+59:59:49	300	91	3.0	0 Calibration	4	
0073.01312331+6019128	600	08:14	01:31:23.3	+60:19:13	300	22	3.0	#141 2MASS Red	4	
0074.COMP	5	08:25	01:31:23.3	+60:19:13	300	22	3.0	0 Calibration	4	
0075.01345732+6628216	900	08:30	01:34:57.3	+66:28:22	300	89	3.0	#141 2MASS Red	4	
0075.01345732+6628216q.ms	900	08:30	01:34:57.3	+66:28:22	300	89	3.0	#141 2MASS Red	1	
0076.01345732+6628216	900	08:46	01:34:57.3	+66:28:22	300	89	3.0	#141 2MASS Red	4	
0077.COMP	5	09:02	01:34:57.3	+66:28:22	300	90	3.0	0 Calibration	4	
0078.01572385+6539302	900	09:06	01:57:23.9	+65:39:30	300	90	3.0	#141 2MASS Red	4	
0079.01572385+6539302	900	09:22	01:57:23.9	+65:39:30	300	90	3.0	#141 2MASS Red	4	
0080.COMP	5	09:37	01:57:23.9	+65:39:30	300	90	3.0	0 Calibration	4	
0081.02002296+6531178	900	09:41	02:00:23.0	+65:31:18	300	90	3.0	#141 2MASS Red	4	
0082.02002296+6531178	900	09:58	02:00:23.0	+65:31:18	300	90	3.0	#141 2MASS Red	4	
0083.COMP	5	10:13	02:00:23.0	+65:31:18	300	89	3.0	0 Calibration	4	
0084.02063421+5855125	900	10:17	02:06:34.2	+58:55:12	300	23	3.0	#141 2MASS Red	4	
0084.02063421+5855125q.ms	900	10:17	02:06:34.2	+58:55:12	300	23	3.0	#141 2MASS Red	1	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0085.COMP	5	10:33	02:06:34.2	+58:55:12	300	23	3.0	0 Calibration	4	
0086.02082184+6640353	900	10:37	02:08:21.8	+66:40:35	300	89	3.0	#141 2MASS Red	4	
0087.COMP	5	10:55	02:08:21.8	+66:40:35	300	89	3.0	0 Calibration	4	
0088.02084861+6228485	900	11:00	02:08:48.6	+62:28:48	300	90	3.0	#141 2MASS Red	4	
0089.COMP	5	11:19	02:08:48.6	+62:28:48	300	89	3.0	0 Calibration	4	
0090.06283437+0623064	1200	11:34	06:28:34.4	+06:23:06	300	89	3.0	#141 2MASS Red	4	
0090.06283437+0623064q.ms	1200	11:34	06:28:34.4	+06:23:06	300	89	3.0	#141 2MASS Red	1	
0091.06283437+0623064	1200	11:55	06:28:34.4	+06:23:06	300	89	3.0	#141 2MASS Red	4	
0092.COMP	5	12:15	06:28:34.4	+06:23:06	300	90	3.0	0 Calibration	4	
0093.Mkn110	300	12:35	09:25:12.9	+52:17:10	300	89	3.0	#227 Changing-	2	
0094.Mkn110	300	12:40	09:25:12.9	+52:17:10	300	89	3.0	#227 Changing-	2	
0094.Mkn110q.ms	300	12:40	09:25:12.9	+52:17:10	300	89	3.0	#227 Changing-	1	
0095.Mkn110	300	12:45	09:25:12.9	+52:17:10	300	89	3.0	#227 Changing-	2	
0096.COMP	10	12:50	09:25:12.9	+52:17:10	300	89	3.0	0 Calibration	2	
comp300+600.ms	10	05:47	10:39:36.9	+43:06:11	300	90	3.0	#56 Spectropho	1	

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0001-0010.BIAS	0	00:27	09:25:12.9	+52:17:10	300	89	3.0	0 Calibration	2	
0011-0020.BIAS	0	00:29	09:25:12.9	+52:17:10	300	89	3.0	0 Calibration	4	
0021-0030.FLAT	12	00:34	09:25:12.9	+52:17:10	300	89	3.0	0 Calibration	2	
0031-0040.FLAT	6	00:37	09:25:12.9	+52:17:10	300	89	3.0	0 Calibration	4	
0041.21060867+4532092	900	01:45	21:06:08.7	+45:32:09	300	89	3.0	#141 2MASS Red	4	
0042.21060867+4532092	900	02:01	21:06:08.7	+45:32:09	300	89	3.0	#141 2MASS Red	4	
0043.COMP	5	02:17	21:06:08.7	+45:32:09	300	89	3.0	0 Calibration	4	
0044.21071353+4456529	900	02:22	21:07:13.5	+44:56:53	300	89	3.0	#141 2MASS Red	4	
0045.21071353+4456529	900	02:38	21:07:13.5	+44:56:53	300	89	3.0	#141 2MASS Red	4	
0046.21071353+4456529	900	02:56	21:07:13.5	+44:56:53	300	89	3.0	#141 2MASS Red	4	
0047.COMP	5	03:11	21:07:13.5	+44:56:53	300	89	3.0	0 Calibration	4	
0048.21084767+4354039	900	03:18	21:08:47.7	+43:54:04	300	89	3.0	#141 2MASS Red	4	
0049.COMP	5	03:35	21:08:47.7	+43:54:04	300	90	3.0	0 Calibration	4	
0050.21081300+4403398	900	03:43	21:08:13.0	+44:03:40	300	90	3.0	#141 2MASS Red	4	
0051.21081300+4403398	900	04:04	21:08:13.0	+44:03:40	300	90	3.0	#141 2MASS Red	4	
0052.COMP	5	04:20	21:08:13.0	+44:03:40	300	88	3.0	0 Calibration	4	
0053.21162340+4547366	900	04:24	21:16:23.4	+45:47:37	300	88	3.0	#141 2MASS Red	4	
0054.21162340+4547366	900	04:41	21:16:23.4	+45:47:37	300	88	3.0	#141 2MASS Red	4	
0055.21162340+4547366	900	04:57	21:16:23.4	+45:47:37	300	88	3.0	#141 2MASS Red	4	
0056.COMP	5	05:13	21:16:23.4	+45:47:37	300	89	3.0	0 Calibration	4	

UT Date 2018-11-11 Observers Lambert/MacriColl. Focus 1320 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0057.21181305+4526187	900	05:18	21:18:13.1	+45:26:19	300	89	3.0	#141 2MASS Red	4	
0058.COMP	5	05:35	21:18:13.1	+45:26:19	300	89	3.0	0 Calibration	4	
0059.21214731+4414419	900	05:51	21:21:47.3	+44:14:42	300	89	3.0	#141 2MASS Red	4	
0060.COMP	5	06:07	21:21:47.3	+44:14:42	300	89	3.0	0 Calibration	4	
0061.02132797+6316450	900	06:16	02:13:28.0	+63:16:45	300	89	3.0	#141 2MASS Red	4	
0062.02132797+6316450	900	06:35	02:13:28.0	+63:16:45	300	89	3.0	#141 2MASS Red	4	
0063.COMP	5	06:51	02:13:28.0	+63:16:45	300	88	3.0	0 Calibration	4	
0064.AT2018hsb	1800	07:13	01:18:00.2	+02:03:28	300	88	3.0	#225	2	
0065.AT2018hsb	1800	07:44	01:18:00.2	+02:03:28	300	88	3.0	#225	2	
0066.AT2018hsb	1800	08:14	01:18:00.2	+02:03:28	300	88	3.0	#225	2	
0067.COMP	10	08:45	01:18:00.2	+02:03:28	300	86	3.0	0 Calibration	2	
0068.04371939+2447120	360	08:55	04:37:19.4	+24:47:12	300	89	3.0	#141 2MASS Red	4	
0069.COMP	5	09:02	04:37:19.4	+24:47:12	300	89	3.0	0 Calibration	4	
0070.04292839+3849211	360	09:05	04:29:28.4	+38:49:21	300	89	3.0	#141 2MASS Red	4	
0070.04292839+3849211q.ms	360	09:05	04:29:28.4	+38:49:21	300	89	3.0	#141 2MASS Red	1	
0071.04292839+3849211	360	09:14	04:29:28.4	+38:49:21	300	89	3.0	#141 2MASS Red	4	
0072.COMP	5	09:20	04:29:28.4	+38:49:21	300	88	3.0	0 Calibration	4	
0073.04124692+3835153	900	09:28	04:12:46.9	+38:35:15	300	88	3.0	#141 2MASS Red	4	
0073.04124692+3835153q.ms	900	09:28	04:12:46.9	+38:35:15	300	88	3.0	#141 2MASS Red	1	
0074.COMP	5	09:49	05:43:02.4	+16:20:59	300	89	3.0	0 Calibration	4	

UT Date 2018-11-11 Observers Lambert/MacriColl. Focus 1320 Grating/Grism 300

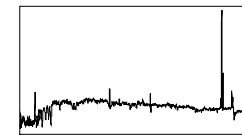
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0075.05430236+1620591	900	09:52	05:43:02.4	+16:20:59	300	89	3.0	#141 2MASS Red	4	
0075.05430236+1620591q.ms	900	09:52	05:43:02.4	+16:20:59	300	89	3.0	#141 2MASS Red	1	
0076.COMP	5	10:08	05:43:02.4	+16:20:59	300	89	3.0	0 Calibration	4	
0077.04580946+5134192	900	10:14	04:58:09.5	+51:34:19	300	89	3.0	#141 2MASS Red	4	
0078.04580946+5134192	900	10:30	04:58:09.5	+51:34:19	300	89	3.0	#141 2MASS Red	4	
0079.COMP	5	10:47	04:58:09.5	+51:34:19	300	88	3.0	0 Calibration	4	
0080.04542558+5203496	900	10:55	04:54:25.6	+52:03:50	300	88	3.0	#141 2MASS Red	4	
0080.04542558+5203496q.ms	900	10:55	04:54:25.6	+52:03:50	300	88	3.0	#141 2MASS Red	1	
0081.04542558+5203496	1200	11:13	04:54:25.6	+52:03:50	300	88	3.0	#141 2MASS Red	4	
0081.04542558+5203496q.ms	1200	11:13	04:54:25.6	+52:03:50	300	88	3.0	#141 2MASS Red	1	
0082.COMP	5	11:34	04:54:25.6	+52:03:50	300	88	3.0	0 Calibration	4	
0083.04523985+5203046	900	11:38	04:52:39.8	+52:03:05	300	88	3.0	#141 2MASS Red	4	
0084.04523985+5203046	900	11:53	04:52:39.8	+52:03:05	300	88	3.0	#141 2MASS Red	4	
0085.COMP	5	12:09	04:52:39.8	+52:03:05	300	88	3.0	0 Calibration	4	
0086.Mkn110	300	12:15	09:25:12.9	+52:17:10	300	88	3.0	#227 Changing-	2	
0086.Mkn110q.ms	300	12:15	09:25:12.9	+52:17:10	300	88	3.0	#227 Changing-	1	
0087.Mkn110	300	12:20	09:25:12.9	+52:17:10	300	88	3.0	#227 Changing-	2	
0088.Mkn110	300	12:25	09:25:12.9	+52:17:10	300	88	3.0	#227 Changing-	2	
0089.COMP	10	12:31	09:25:12.9	+52:17:10	300	87	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	

UT Date 2018-11-11 Observers Lambert/MacriColl. Focus 1320 Grating/Grism 300

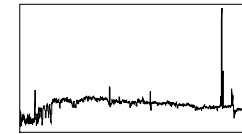
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
gal	360	09:05	04:29:28.4	+38:49:21	300	89	3.0	#141 2MASS Red	1	

UT Date 2018-11-12 Observers Lambert/MacriColl. Focus 1320 Grating/Grism 300

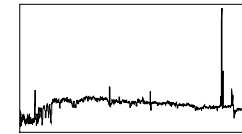
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	00:11	09:25:12.9	+52:17:10	300	87	3.0	0 Calibration	2	
0011-0020.BIAS	0	00:13	09:25:12.9	+52:17:10	300	87	3.0	0 Calibration	4	
0021-0030.FLAT	12	00:18	09:25:12.9	+52:17:10	300	87	3.0	0 Calibration	2	
0031-0040.FLAT	6	00:21	09:25:12.9	+52:17:10	300	87	3.0	0 Calibration	4	
0041.BFCyg	15	01:17	19:23:53.0	+29:40:27	300	87	3.0	#12 Symbiotic	2	
0042.BFCyg	15	01:19	19:23:53.0	+29:40:27	300	87	3.0	#12 Symbiotic	2	
0043.COMP	10	01:19	19:23:53.0	+29:40:27	300	87	3.0	0 Calibration	2	
0044.CICyg	4	01:22	19:50:12.0	+35:41:02	300	87	3.0	#12 Symbiotic	2	
0045.CICyg	15	01:23	19:50:12.0	+35:41:02	300	87	3.0	#12 Symbiotic	2	
0046.COMP	10	01:23	19:50:12.0	+35:41:02	300	87	3.0	0 Calibration	2	
0047.V1016Cyg	1	01:25	19:57:05.0	+39:49:37	300	87	3.0	#12 Symbiotic	2	
0048.V1016Cyg	10	01:25	19:57:05.0	+39:49:37	300	87	3.0	#12 Symbiotic	2	
0049.V1016Cyg	60	01:26	19:57:05.0	+39:49:37	300	87	3.0	#12 Symbiotic	2	
0050.COMP	10	01:27	19:57:05.0	+39:49:37	300	87	3.0	0 Calibration	2	
0051.V919Sgr	15	01:30	19:03:45.0	-16:59:56	300	87	3.0	#12 Symbiotic	2	
0052.V919Sgr	30	01:30	19:03:45.0	-16:59:56	300	87	3.0	#12 Symbiotic	2	
0053.AS360	60	01:34	19:45:49.0	+18:36:49	300	84	3.0	#12 Symbiotic	2	
0054.AS360	300	01:36	19:45:49.0	+18:36:49	300	84	3.0	#12 Symbiotic	2	
0055.COMP	10	01:41	19:45:49.0	+18:36:49	300	84	3.0	0 Calibration	2	
0056.HMSge	1	01:42	19:41:57.0	+16:44:41	300	84	3.0	#12 Symbiotic	2	

UT Date 2018-11-12 Observers Lambert/MacriColl. Focus 1320 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0057.HMSge	10	01:43	19:41:57.0	+16:44:41	300	84	3.0	#12 Symbiotic	2	
0058.HMSge	60	01:43	19:41:57.0	+16:44:41	300	84	3.0	#12 Symbiotic	2	
0059.COMP	10	01:44	19:41:57.0	+16:44:41	300	84	3.0	0 Calibration	2	
0060.CHCyg	1	01:47	19:24:33.0	+50:14:30	300	84	3.0	#12 Symbiotic	2	
0061.CHCyg	5	01:47	19:24:33.0	+50:14:30	300	84	3.0	#12 Symbiotic	2	
0062.CHCyg	30	01:47	19:24:33.0	+50:14:30	300	84	3.0	#12 Symbiotic	2	
0063.COMP	10	01:48	19:24:33.0	+50:14:30	300	84	3.0	0 Calibration	2	
0064.PUVul	1	01:49	20:21:13.0	+21:34:21	300	84	3.0	#12 Symbiotic	2	
0065.PUVul	10	01:49	20:21:13.0	+21:34:21	300	84	3.0	#12 Symbiotic	2	
0066.PUVul	60	01:50	20:21:13.0	+21:34:21	300	84	3.0	#12 Symbiotic	2	
0067.COMP	10	01:52	20:21:13.0	+21:34:21	300	84	3.0	0 Calibration	2	
0068.V1329Cyg	20	01:53	20:51:01.0	+35:34:55	300	84	3.0	#12 Symbiotic	2	
0069.V1329Cyg	120	01:54	20:51:01.0	+35:34:55	300	84	3.0	#12 Symbiotic	2	
0070.COMP	10	01:56	20:51:01.0	+35:34:55	300	84	3.0	0 Calibration	2	
0071.AGPeg	1	01:58	21:51:02.0	+12:37:33	300	84	3.0	#12 Symbiotic	2	
0072.AGPeg	10	01:58	21:51:02.0	+12:37:33	300	84	3.0	#12 Symbiotic	2	
0073.AGPeg	30	02:00	21:51:02.0	+12:37:33	300	84	3.0	#12 Symbiotic	2	
0074.COMP	10	02:01	21:51:02.0	+12:37:33	300	84	3.0	0 Calibration	2	
0075.23530292+6727217	1800	02:14	23:53:02.9	+67:27:22	300	89	3.0	#141 2MASS Red	4	
0076.COMP	5	02:48	23:53:02.9	+67:27:22	300	88	3.0	0 Calibration	4	

UT Date 2018-11-12 Observers Lambert/MacriColl. Focus 1320 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0077.23541834+5959178	900	03:25	23:54:18.3	+59:59:18	300	88	3.0	#141 2MASS Red	4	
0078.23541834+5959178	900	03:43	23:54:18.3	+59:59:18	300	88	3.0	#141 2MASS Red	4	
0079.23541834+5959178	900	03:59	23:54:18.3	+59:59:18	300	88	3.0	#141 2MASS Red	4	
0080.COMP	5	04:16	23:54:18.3	+59:59:18	300	86	3.0	0 Calibration	4	
0081.ZAnd	1	04:19	23:33:40.0	+48:49:06	300	86	3.0	#12 Symbiotic	2	
0082.ZAnd	5	04:19	23:33:40.0	+48:49:06	300	86	3.0	#12 Symbiotic	2	
0083.ZAnd	30	04:19	23:33:40.0	+48:49:06	300	86	3.0	#12 Symbiotic	2	
0084.COMP	10	04:20	23:33:40.0	+48:49:06	300	86	3.0	0 Calibration	2	
0085.EGAnd	1	04:21	00:44:37.0	+40:40:47	300	86	3.0	#12 Symbiotic	2	
0086.EGAnd	5	04:21	00:44:37.0	+40:40:47	300	86	3.0	#12 Symbiotic	2	
0087.EGAnd	10	04:21	00:44:37.0	+40:40:47	300	86	3.0	#12 Symbiotic	2	
0088.COMP	10	04:22	00:44:37.0	+40:40:47	300	86	3.0	0 Calibration	2	
0089.RAqr	1	04:24	23:43:49.0	-15:17:05	300	86	3.0	#12 Symbiotic	2	
0090.RAqr	5	04:24	23:43:49.0	-15:17:05	300	86	3.0	#12 Symbiotic	2	
0091.RAqr	10	04:24	23:43:49.0	-15:17:05	300	86	3.0	#12 Symbiotic	2	
0092.COMP	10	04:25	23:43:49.0	-15:17:05	300	86	3.0	0 Calibration	2	
0093.AXPer	4	04:27	01:36:23.0	+54:15:03	300	86	3.0	#12 Symbiotic	2	
0094.AXPer	30	04:27	01:36:23.0	+54:15:03	300	86	3.0	#12 Symbiotic	2	
0095.AXPer	90	04:27	01:36:23.0	+54:15:03	300	86	3.0	#12 Symbiotic	2	
0096.COMP	10	04:29	01:36:23.0	+54:15:03	300	86	3.0	0 Calibration	2	

UT Date 2018-11-12 Observers Lambert/MacriColl. Focus 1320 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0097.02163334+5039016	900	04:32	02:16:33.3	+50:39:02	300	87	3.0	#141 2MASS Red	4	
0098.COMP	5	04:48	02:16:33.3	+50:39:02	300	87	3.0	0 Calibration	4	
0099.02174785+6911364	900	04:53	02:17:47.8	+69:11:36	300	87	3.0	#141 2MASS Red	4	
0100.COMP	5	05:10	02:17:47.8	+69:11:36	300	84	3.0	0 Calibration	4	
0101.02485298+5302143	900	05:16	02:48:53.0	+53:02:14	300	15	3.0	#141 2MASS Red	4	
0102.COMP	5	05:32	02:48:53.0	+53:02:14	300	16	3.0	0 Calibration	4	
0103.03363315+6240256	1800	05:38	03:36:33.2	+62:40:26	300	86	3.0	#141 2MASS Red	4	
0104.03363315+6240256	1800	06:11	03:36:33.2	+62:40:26	300	86	3.0	#141 2MASS Red	4	
0105.COMP	5	06:42	03:36:33.2	+62:40:26	300	86	3.0	0 Calibration	4	
0106.04264449+3810182	1800	06:51	04:26:44.5	+38:10:18	300	86	3.0	#141 2MASS Red	4	
0107.05252560+2443418	1800	07:36	05:25:25.6	+24:43:42	300	85	3.0	#141 2MASS Red	4	
0108.05252560+2443418	1800	08:07	05:25:25.6	+24:43:42	300	85	3.0	#141 2MASS Red	4	
0109.COMP	5	08:38	05:25:25.6	+24:43:42	300	86	3.0	0 Calibration	4	
0110.GITau	240	08:40	04:33:34.0	+24:21:18	300	86	3.0	#12 Symbiotic	2	
0111.COMP	10	08:45	04:33:34.0	+24:21:18	300	86	3.0	0 Calibration	2	
0112.GKTau	240	08:47	04:33:34.5	+24:21:07	300	86	3.0	#12 Symbiotic	2	
0113.COMP	10	08:51	04:33:34.5	+24:21:07	300	86	3.0	0 Calibration	2	
0114.BGGem	300	08:55	06:03:31.0	+27:41:50	300	86	3.0	#12 Symbiotic	2	
0115.COMP	10	09:00	06:03:31.0	+27:41:50	300	86	3.0	0 Calibration	2	
0116.05003753+4231251	900	09:04	05:00:37.5	+42:31:25	300	86	3.0	#141 2MASS Red	2	

UT Date 2018-11-12 Observers Lambert/MacriColl. Focus 1320 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0117.COMP	10	09:20	05:00:37.5	+42:31:25	300	86	3.0	0 Calibration	2	
0118.05012183+3409111	900	09:25	05:01:21.8	+34:09:11	300	86	3.0	#141 2MASS Red	4	
0119.COMP	5	09:41	05:01:21.8	+34:09:11	300	86	3.0	0 Calibration	4	
0120.05021216+4734599	900	09:44	05:02:12.2	+47:35:00	300	86	3.0	#141 2MASS Red	4	
0121.COMP	5	10:01	05:02:12.2	+47:35:00	300	85	3.0	0 Calibration	4	
0122.05024020+3520357	900	10:06	05:02:40.2	+35:20:36	300	85	3.0	#141 2MASS Red	4	
0123.05024020+3520357	900	10:22	05:02:40.2	+35:20:36	300	85	3.0	#141 2MASS Red	4	
0124.COMP	5	10:37	05:02:40.2	+35:20:36	300	85	3.0	0 Calibration	4	
0125.05031826+4357546	1800	10:42	05:03:18.3	+43:57:55	300	85	3.0	#141 2MASS Red	4	
0126.COMP	5	11:12	05:03:18.3	+43:57:55	300	85	3.0	0 Calibration	4	
0127.BXMon	15	11:16	07:25:23.0	-03:35:51	300	85	3.0	#12 Symbiotic	2	
0128.BXMon	180	11:16	07:25:23.0	-03:35:51	300	85	3.0	#12 Symbiotic	2	
0129.COMP	10	11:20	07:25:23.0	-03:35:51	300	85	3.0	0 Calibration	2	
0130.SS129	300	11:33	07:32:45.0	-26:49:16	300	85	3.0	#12 Symbiotic	2	
0131.SS129	300	11:38	07:32:45.0	-26:49:16	300	85	3.0	#12 Symbiotic	2	
0132.COMP	10	11:43	07:32:45.0	-26:49:16	300	84	3.0	0 Calibration	2	
0133.06262702+0727287	1200	11:54	06:26:27.0	+07:27:29	300	84	3.0	#141 2MASS Red	4	
0134.COMP	5	12:15	06:26:27.0	+07:27:29	300	85	3.0	0 Calibration	4	
0135.Mkn110	300	12:19	09:25:12.9	+52:17:10	300	85	3.0	#227 Changing-	2	
0136.Mkn110	300	12:24	09:25:12.9	+52:17:10	300	85	3.0	#227 Changing-	2	

UT Date 2018-11-12 Observers Lambert/MacriColl. Focus 1320 Grating/Grism 300

<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0137.Mkn110	300	12:29	09:25:12.9	+52:17:10	300	85	3.0	#227 Changing-	2	
0138.COMP	10	12:35	09:25:12.9	+52:17:10	300	80	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	

UT Date 2018-11-13 Observers M CalkinsColl. Focus 1320 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	00:49	20:51:34.7	+31:30:21	300	85	3.0	0 Calibration	4	
0011.COMP	10	00:50	20:51:34.7	+31:30:21	300	85	3.0	0 Calibration	2	
0012.COMP	10	00:52	20:51:34.7	+31:30:21	300	85	3.0	0 Calibration	2	
0013-0032.FLAT	7	00:58	20:51:34.7	+31:30:21	300	85	3.0	0 Calibration	2	
0033-0050.BIAS	0	01:19	20:51:34.7	+31:30:21	300	85	3.0	0 Calibration	2	
0051.SN2018ffs	2100	01:40	20:54:37.2	+22:04:51	300	85	3.0	#225	2	
0052.SN2018ffs	2100	02:16	20:54:37.2	+22:04:51	300	85	3.0	#225	2	
0053.SN2018ffs	2100	02:51	20:54:37.2	+22:04:51	300	85	3.0	#225	2	
0054.COMP	10	03:26	20:54:37.2	+22:04:51	300	84	3.0	0 Calibration	2	
0055-0064.DARK	900	14:26	20:54:37.2	+22:04:51	300	84	3.0	0 Calibration	2	

UT Date 2018-11-14 Observers M CalkinsColl. Focus 1320 Grating/Grism 300

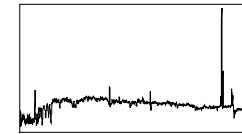
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	02:06	20:54:37.2	+22:04:51	300	84	3.0	0 Calibration	4	
0011-0020.BIAS	0	02:31	20:54:37.2	+22:04:51	300	84	3.0	0 Calibration	4	
0021-0040.FLAT	7	08:10	20:54:37.2	+22:04:51	300	84	3.0	0 Calibration	2	
0041-0050.BIAS	0	08:12	20:54:37.2	+22:04:51	300	84	3.0	0 Calibration	2	
0051.HD19445	30	09:01	03:08:25.6	+26:19:51	300	82	3.0	#56 Spectropho	2	
0052.COMP	10	09:02	03:08:25.6	+26:19:51	300	82	3.0	0 Calibration	2	
0053.HD19445	60	09:03	03:08:25.6	+26:19:51	300	82	3.0	#56 Spectropho	2	
0054.COMP	10	09:04	03:08:25.6	+26:19:51	300	82	3.0	0 Calibration	2	
0055.04493984+4409215	1800	10:45	04:49:39.8	+44:09:21	300	90	3.0	#141 2MASS Red	2	
0056.COMP	10	11:16	04:49:39.8	+44:09:21	300	90	3.0	0 Calibration	2	
0057.G191B2B	480	11:19	05:05:30.6	+52:49:52	300	90	3.0	#56 Spectropho	2	
0058.COMP	10	11:28	05:05:30.6	+52:49:52	300	90	3.0	0 Calibration	2	
0059.06080417+2802003	1500	11:32	06:08:04.2	+28:02:00	300	90	3.0	#141 2MASS Red	2	
0060.COMP	10	11:58	06:08:04.2	+28:02:00	300	90	3.0	0 Calibration	2	
0061.AT2018hyz	2100	12:02	10:06:50.7	+01:41:34	300	90	3.0	#225	2	
0062.COMP	10	12:37	10:06:50.7	+01:41:34	300	90	3.0	0 Calibration	2	
0063.06130977+1427300	1200	12:41	06:13:09.8	+14:27:30	300	90	3.0	#141 2MASS Red	2	
0064.COMP	10	13:02	06:13:09.8	+14:27:30	300	87	3.0	0 Calibration	2	
0065-0074.BIAS	0	13:09	06:13:09.8	+14:27:30	300	87	3.0	0 Calibration	2	
0075-0094.FLAT	7	13:19	06:13:09.8	+14:27:30	300	87	3.0	0 Calibration	2	



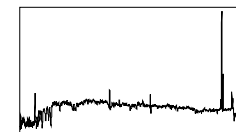
UT Date 2018-11-14 Observers M Calkins

Coll. Focus 1320 Grating/Grism 300

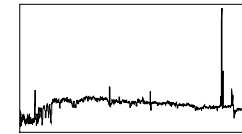
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0095-0104.DARK	900	15:37	06:13:09.8	+14:27:30	300	87	3.0	0 Calibration	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	01:53	06:13:09.8	+14:27:30	300	87	3.0	0 Calibration	4	
0011-0020.BIAS	0	03:23	06:13:09.8	+14:27:30	300	87	3.0	0 Calibration	4	
0021-0040.FLAT	7	03:38	06:13:09.8	+14:27:30	300	87	3.0	0 Calibration	2	
0041-0050.BIAS	0	04:11	06:13:09.8	+14:27:30	300	87	3.0	0 Calibration	2	
0051.j2140p20	1500	04:58	21:40:50.2	+20:05:20	600	95	1.5	#178 Low Mass	4	
0052.COMP	10	05:24	21:40:50.2	+20:05:20	600	95	1.5	0 Calibration	4	
0053.j2147p23	900	05:26	21:47:20.2	+23:46:30	600	95	1.5	#178 Low Mass	4	
0054.COMP	10	05:41	21:47:20.2	+23:46:30	600	95	1.5	0 Calibration	4	
0055.j2151p47	1338	05:45	21:51:31.1	+47:31:50	600	80	1.5	#178 Low Mass	4	
0056.COMP	10	06:08	21:51:31.1	+47:31:50	600	80	1.5	0 Calibration	4	
0057.j2151p15	1500	06:11	21:51:51.1	+15:36:53	600	89	1.5	#178 Low Mass	4	
0058.COMP	10	06:36	21:51:51.1	+15:36:53	600	90	1.5	0 Calibration	4	
0059.j2356p08	927	06:38	23:56:06.7	+08:03:23	600	90	1.5	#178 Low Mass	4	
0060.COMP	10	06:53	23:56:06.7	+08:03:23	600	90	1.5	0 Calibration	4	
0061.j2358m05	848	06:56	23:58:53.0	-05:25:14	600	90	1.5	#178 Low Mass	4	
0062.COMP	10	07:10	23:58:53.0	-05:25:14	600	90	1.5	0 Calibration	4	
0063.j2359m07	1630	07:13	23:59:43.8	-07:40:39	600	60	1.5	#178 Low Mass	4	
0064.COMP	10	07:41	23:59:43.8	-07:40:39	600	60	1.5	0 Calibration	4	
0065.j0012m06	1114	07:46	00:12:20.6	-06:06:22	600	90	1.5	#178 Low Mass	4	
0066.COMP	10	08:05	00:12:20.6	-06:06:22	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
0067.G191B2B	360	08:08	05:05:30.6	+52:49:52	600	90	1.5	#56 Spectropho	4	
0068.COMP	10	08:15	05:05:30.6	+52:49:52	600	86	1.5	0 Calibration	4	
0069-0078.FLAT	12	08:19	05:05:30.6	+52:49:52	600	86	1.5	0 Calibration	4	
0079.COMP	5	08:23	05:05:30.6	+52:49:52	300	86	3.0	0 Calibration	4	
0080.COMP	5	08:26	05:05:30.6	+52:49:52	300	86	3.0	0 Calibration	4	
0081.COMP	5	08:27	05:05:30.6	+52:49:52	300	86	3.0	0 Calibration	4	
0082.PS16dtm	1800	08:30	01:58:04.7	-00:52:22	300	86	3.0	#225	2	
0083.PS16dtm	1800	09:02	01:58:04.7	-00:52:22	300	88	3.0	#225	2	
0084.PS16dtm	1800	09:33	01:58:04.7	-00:52:22	300	88	3.0	#225	2	
0085.COMP	10	10:03	01:58:04.7	-00:52:22	300	89	3.0	0 Calibration	2	
0086.SN2018hti	1800	10:12	03:40:53.7	+11:46:37	300	89	3.0	#225	2	
0087.SN2018hti	1800	10:42	03:40:53.7	+11:46:37	300	89	3.0	#225	2	
0088.SN2018hti	1800	11:12	03:40:53.7	+11:46:37	300	89	3.0	#225	2	
0089.COMP	10	11:42	03:40:53.7	+11:46:37	300	89	3.0	0 Calibration	2	
0090.AT2018hoj	1800	11:46	09:58:42.0	+44:30:43	300	89	3.0	#225	2	
0091.AT2018hoj	1800	12:16	09:58:42.0	+44:30:43	300	89	3.0	#225	2	
0092.COMP	10	12:47	09:58:42.0	+44:30:43	300	88	3.0	0 Calibration	2	
0093.HD84937	20	12:49	09:48:56.1	+13:44:39	300	88	3.0	#56 Spectropho	2	
0094.COMP	10	12:50	09:48:56.1	+13:44:39	300	88	3.0	0 Calibration	2	
0095.Feige34	120	12:51	10:39:36.7	+43:06:09	300	88	3.0	#56 Spectropho	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>
0096.COMP	10	12:54	10:39:36.7	+43:06:09	300	88	3.0	0 Calibration	2	
0097-0106.BIAS	0	12:59	10:39:36.7	+43:06:09	300	84	3.0	0 Calibration	2	
0107-0126.FLAT	7	13:05	10:39:36.7	+43:06:09	300	84	3.0	0 Calibration	2	
0127-0136.DARK	900	15:22	10:39:36.7	+43:06:09	300	84	3.0	0 Calibration	2	