

UT Date 2018-02-09 Observers M CalkinsColl. Focus 1310 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.BIAS	0	19:57	19:27:23.3	+31:30:40	300	89	3.0	0 Calibration	2	
0002-0005.FLAT	10	20:02	19:27:23.3	+31:30:40	300	89	3.0	0 Calibration	2	
0006.COMP	5	20:03	19:27:23.3	+31:30:40	300	89	3.0	0 Calibration	2	
0007.FLAT	10	20:05	19:27:23.3	+31:30:40	300	89	3.0	0 Calibration	2	
0008.blah	10	20:05	19:27:23.3	+31:30:40	300	89	3.0	#220 ASASSN Tr	2	
0009.BIAS	0	20:11	22:03:10.8	+31:30:38	300	87	3.0	0 Calibration	2	
0010.COMP	5	20:12	22:03:10.8	+31:30:38	300	87	3.0	0 Calibration	2	
0011.COMP	5	20:13	22:03:10.8	+31:30:38	300	87	3.0	0 Calibration	2	
0012.COMP	20	20:14	22:03:10.8	+31:30:38	300	87	3.0	0 Calibration	1	
0013.BIAS	0	20:29	22:21:07.7	+31:30:38	300	88	3.0	0 Calibration	2	
0014.COMP	5	20:30	22:21:07.7	+31:30:38	300	88	3.0	0 Calibration	2	
0015.BIAS	0	20:34	22:21:07.7	+31:30:38	300	88	3.0	0 Calibration	4	
0016.BIAS	0	20:34	22:21:07.7	+31:30:38	300	88	3.0	0 Calibration	1	
0017.DARK	900	20:42	22:21:07.7	+31:30:38	300	88	3.0	0 Calibration	1	
0018-0019.BIAS	0	21:06	22:21:07.7	+31:30:38	300	88	3.0	0 Calibration	1	
0020.BIAS	0	21:09	22:21:07.7	+31:30:38	300	88	3.0	0 Calibration	2	
0021.COMP	5	21:53	22:21:07.7	+31:30:38	300	88	3.0	0 Calibration	2	
0022.BIAS	0	17:45	19:40:20.3	+31:30:40	300	86	3.0	0 Calibration	2	
0023.COMP	5	17:46	19:40:20.3	+31:30:40	300	86	3.0	0 Calibration	2	
0024.BIAS	0	18:37	20:32:29.9	+31:30:39	300	88	3.0	0 Calibration	2	

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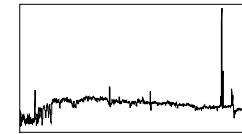
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0025.COMP	5	18:38	20:32:29.9	+31:30:39	300	88	3.0	0 Calibration	2	
0026.COMP	5	18:41	20:32:29.9	+31:30:39	300	88	3.0	0 Calibration	2	
0027.COMP	5	18:44	20:32:29.9	+31:30:39	300	88	3.0	0 Calibration	2	
0028.COMP	5	18:46	20:32:29.9	+31:30:39	300	88	3.0	0 Calibration	2	

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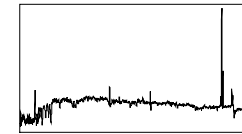
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	00:27	02:19:43.8	+31:30:37	300	87	3.0	0 Calibration	4	
0011-0030.FLAT	7	00:45	02:19:43.8	+31:30:37	300	87	3.0	0 Calibration	2	
0031-0040.BIAS	0	00:48	02:19:43.8	+31:30:37	300	87	3.0	0 Calibration	2	
0041-0043.DARK	900	01:21	02:19:43.8	+31:30:37	300	87	3.0	0 Calibration	4	
0044.ZAnd	1	02:08	23:33:40.0	+48:49:06	300	87	3.0	#12 Symbiotic	2	
0045.ZAnd	5	02:08	23:33:40.0	+48:49:06	300	87	3.0	#12 Symbiotic	2	
0046.ZAnd	30	02:09	23:33:40.0	+48:49:06	300	87	3.0	#12 Symbiotic	2	
0047.COMP	10	02:10	23:33:40.0	+48:49:06	300	87	3.0	0 Calibration	2	
0048.EGAnd	1	02:12	00:44:37.0	+40:40:47	300	87	3.0	#12 Symbiotic	2	
0049.EGAnd	5	02:12	00:44:37.0	+40:40:47	300	87	3.0	#12 Symbiotic	2	
0050.EGAnd	30	02:12	00:44:37.0	+40:40:47	300	87	3.0	#12 Symbiotic	2	
0051.EGAnd	10	02:13	00:44:37.0	+40:40:47	300	87	3.0	#12 Symbiotic	2	
0052.COMP	10	02:14	00:44:37.0	+40:40:47	300	87	3.0	0 Calibration	2	
0053.AXPer	4	02:16	01:36:23.0	+54:15:03	300	87	3.0	#12 Symbiotic	2	
0054.AXPer	30	02:16	01:36:23.0	+54:15:03	300	87	3.0	#12 Symbiotic	2	
0055.AXPer	90	02:17	01:36:23.0	+54:15:03	300	87	3.0	#12 Symbiotic	2	
0056.COMP	10	02:20	01:36:23.0	+54:15:03	300	84	3.0	0 Calibration	2	
0057.HD19445	10	02:23	03:08:25.6	+26:19:51	300	84	3.0	#56 Spectropho	2	
0058.COMP	10	02:24	03:08:25.6	+26:19:51	300	84	3.0	0 Calibration	2	
0059.PS16dtm	1800	02:31	01:58:04.7	-00:52:22	300	86	3.0	#225	2	

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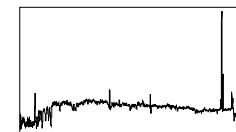
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0060.PS16dtm	1800	03:01	01:58:04.7	-00:52:22	300	86	3.0	#225	2	
0061.COMP	10	03:32	01:58:04.7	-00:52:22	300	87	3.0	0 Calibration	2	
0062.GITau	240	03:34	04:33:34.0	+24:21:18	300	87	3.0	#12 Symbiotic	2	
0063.COMP	10	03:39	04:33:34.0	+24:21:18	300	87	3.0	0 Calibration	2	
0064.GKTau	240	03:40	04:33:34.5	+24:21:07	300	87	3.0	#12 Symbiotic	2	
0065.COMP	10	03:44	04:33:34.5	+24:21:07	300	87	3.0	0 Calibration	2	
0066.BGGem	300	04:28	06:03:31.0	+27:41:50	300	86	3.0	#12 Symbiotic	2	
0067.BGGem	1200	04:33	06:03:31.0	+27:41:50	300	86	3.0	#12 Symbiotic	2	
0068.COMP	10	04:54	06:03:31.0	+27:41:50	300	89	3.0	0 Calibration	2	
0069.G191B2B	300	04:56	05:05:30.6	+52:49:52	300	89	3.0	#56 Spectropho	2	
0070.COMP	10	05:01	05:05:30.6	+52:49:52	300	86	3.0	0 Calibration	2	
0071.BXMon	15	05:05	07:25:23.0	-03:35:51	300	86	3.0	#12 Symbiotic	2	
0072.BXMon	180	05:06	07:25:23.0	-03:35:51	300	86	3.0	#12 Symbiotic	2	
0073.COMP	10	05:10	07:25:23.0	-03:35:51	300	86	3.0	0 Calibration	2	
0074.SS129	300	05:13	07:32:45.0	-26:49:16	300	70	3.0	#12 Symbiotic	2	
0075.SS129	300	05:18	07:32:45.0	-26:49:16	300	70	3.0	#12 Symbiotic	2	
0076.COMP	10	05:24	07:32:45.0	-26:49:16	300	70	3.0	0 Calibration	2	
0077.sn2018ph	1800	05:27	08:11:02.3	+05:05:14	300	50	3.0	#2 SN Observat	2	
0078.COMP	10	05:57	08:11:02.3	+05:05:14	300	50	3.0	0 Calibration	2	
0079.sn2018gv	300	05:59	08:05:34.6	-11:26:16	300	100	3.0	#2 SN Observat	2	

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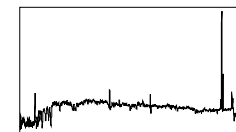
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0080.sn2018gv	300	06:04	08:05:34.6	-11:26:16	300	100	3.0	#2 SN Observat	2	
0081.sn2018gv	300	06:09	08:05:34.6	-11:26:16	300	100	3.0	#2 SN Observat	2	
0082.COMP	10	06:15	08:05:34.6	-11:26:16	300	100	3.0	0 Calibration	2	
0083.sn2018oh	300	06:18	09:06:39.5	+19:20:18	300	91	3.0	#2 SN Observat	2	
0084.sn2018oh	300	06:23	09:06:39.5	+19:20:18	300	91	3.0	#2 SN Observat	2	
0085.sn2018oh	300	06:28	09:06:39.5	+19:20:18	300	91	3.0	#2 SN Observat	2	
0086.COMP	10	06:34	09:06:39.5	+19:20:18	300	91	3.0	0 Calibration	2	
0087.sn2018iq	1800	06:35	09:05:59.8	+35:22:24	300	91	3.0	#2 SN Observat	2	
0088.COMP	10	07:08	09:05:59.8	+35:22:24	300	90	3.0	0 Calibration	2	
0089.SN2018dx	1800	07:11	09:16:12.3	+39:03:42	300	90	3.0	#2 SN Observat	2	
0090.SN2018dx	1800	07:41	09:16:12.3	+39:03:42	300	90	3.0	#2 SN Observat	2	
0091.SN2018dx	1800	08:11	09:16:12.3	+39:03:42	300	90	3.0	#2 SN Observat	2	
0092.COMP	10	08:42	09:16:12.3	+39:03:42	300	87	3.0	0 Calibration	2	
0093.sn2018gl	1800	08:55	09:58:06.2	+10:21:34	300	18	3.0	#2 SN Observat	2	
0094.COMP	5	09:32	09:58:06.2	+10:21:34	300	17	3.0	0 Calibration	2	
0095.AT2018pt	1800	09:36	12:56:06.2	+32:03:16	300	86	3.0	#225	2	
0096.AT2018pt	1800	10:23	12:56:06.2	+32:03:16	300	86	3.0	#225	2	clouds mving in
0097.COMP	10	11:01	12:56:06.2	+32:03:16	300	86	3.0	0 Calibration	2	
0098.TXCVn	15	11:04	12:44:42.0	+36:45:48	300	87	3.0	#12 Symbiotic	2	
0099.TXCVn	40	11:05	12:44:42.0	+36:45:48	300	87	3.0	#12 Symbiotic	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0100.COMP	10	11:07	12:44:42.0	+36:45:48	300	87	3.0	0 Calibration	2	
0101.RWHya	3	11:09	13:34:18.0	-25:22:51	300	87	3.0	#12 Symbiotic	2	
0102.RWHya	15	11:09	13:34:18.0	-25:22:51	300	87	3.0	#12 Symbiotic	2	
0103.RWHya	30	11:10	13:34:18.0	-25:22:51	300	87	3.0	#12 Symbiotic	2	
0104.COMP	10	11:11	13:34:18.0	-25:22:51	300	87	3.0	0 Calibration	2	
0105.bb894	15	11:19	11:41:40.4	+09:44:00	600	90	1.5	#178 Low Mass	4	
0106.COMP	10	11:20	11:41:40.4	+09:44:00	600	90	1.5	0 Calibration	4	
0107.bb895	120	11:22	11:46:34.7	+00:23:10	600	90	1.5	#178 Low Mass	4	
0108.COMP	10	11:25	11:46:34.7	+00:23:10	600	89	1.5	0 Calibration	4	
0109.Feige34	180	11:30	10:39:36.7	+43:06:09	600	89	1.5	#56 Spectropho	4	
0110.COMP	10	11:34	10:39:36.7	+43:06:09	600	89	1.5	0 Calibration	4	
0111.bb950	1080	11:36	12:53:39.0	-15:48:34	600	89	1.5	#178 Low Mass	4	
0112.COMP	10	11:55	12:53:39.0	-15:48:34	600	89	1.5	0 Calibration	4	
0113.bb951	720	11:56	12:53:45.3	-15:43:01	600	89	1.5	#178 Low Mass	4	clouds thicker
0114.COMP	10	12:09	12:53:45.3	-15:43:01	600	90	1.5	0 Calibration	4	waiting out clouds
0115.bb1019	60	12:31	14:05:11.2	-00:07:55	600	90	1.5	#178 Low Mass	4	
0116.COMP	10	12:33	14:05:11.2	-00:07:55	600	90	1.5	0 Calibration	4	
0117.bb1021	600	12:35	14:06:27.2	-11:39:35	600	90	1.5	#178 Low Mass	4	
0118.COMP	10	12:45	14:06:27.2	-11:39:35	600	90	1.5	0 Calibration	4	
0119-0138.FLAT	12	13:09	14:06:27.2	-11:39:35	600	90	1.5	0 Calibration	4	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0139-0148.BIAS	0	13:15	14:06:27.2	-11:39:35	600	90	1.5	0 Calibration	4	
0149-0153.DARK	900	14:23	14:06:27.2	-11:39:35	600	90	1.5	0 Calibration	4	
0154-0158.DARK	900	15:39	14:06:27.2	-11:39:35	600	90	1.5	0 Calibration	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0003.DARK	900	01:17	14:06:27.2	-11:39:35	600	90	1.5	0 Calibration	2	
0004-0023.FLAT	12	01:39	14:06:27.2	-11:39:35	600	90	1.5	0 Calibration	4	
0024-0032.BIAS	0	01:46	14:06:27.2	-11:39:35	600	90	1.5	0 Calibration	4	
0033.BIAS	0	01:46	14:06:27.2	-11:39:35	600	90	1.5	0 Calibration	4	clouds preventing any attempt at Warren
0034-0053.FLAT	7	02:40	23:56:06.7	+08:03:23	300	89	3.0	0 Calibration	2	
0054-0063.BIAS	0	02:47	23:56:06.7	+08:03:23	300	89	3.0	0 Calibration	2	
0064.BRUTUS8133_2	1500	02:51	01:46:42.3	+32:30:28	300	89	3.0	#220 ASASSN Tr	2	
0065.COMP	10	03:17	01:46:42.3	+32:30:28	300	91	3.0	0 Calibration	2	
0066.HD19445	20	03:21	03:08:25.6	+26:19:51	300	91	3.0	#56 Spectropho	2	
0067.COMP	10	03:22	03:08:25.6	+26:19:51	300	91	3.0	0 Calibration	2	
0068.G191B2B	420	03:24	05:05:30.6	+52:49:52	300	91	3.0	#56 Spectropho	2	
0069.COMP	10	03:32	05:05:30.6	+52:49:52	300	88	3.0	0 Calibration	2	
0070.ASASSN-18BW	1800	05:54	07:10:31.7	+32:38:46	300	88	3.0	#220 ASASSN Tr	2	
0071.ASASSN-18BW	1800	06:24	07:10:31.7	+32:38:46	300	88	3.0	#220 ASASSN Tr	2	
0072.COMP	10	06:54	07:10:31.7	+32:38:46	300	89	3.0	0 Calibration	2	
0073.sn2018gv	600	06:57	08:05:34.6	-11:26:16	300	89	3.0	#2 SN Observat	2	
0074.COMP	10	07:08	08:05:34.6	-11:26:16	300	88	3.0	0 Calibration	2	
0075.sn2018pc	1200	08:20	09:28:55.2	+49:14:17	300	87	3.0	#2 SN Observat	2	
0076.COMP	10	08:41	09:28:55.2	+49:14:17	300	87	3.0	0 Calibration	2	
0077.bb940	540	11:28	12:38:33.0	-26:41:16	600	87	1.5	#178 Low Mass	4	weak exp - clouds



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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0078.COMP	10	11:37	12:38:33.0	-26:41:16	600	88	1.5	0 Calibration	4	
0079.bb940	960	11:38	12:38:33.0	-26:41:16	600	88	1.5	#178 Low Mass	4	
0080.COMP	10	11:55	12:38:33.0	-26:41:16	600	88	1.5	0 Calibration	4	
0081.bb942	240	11:57	12:40:38.5	-16:15:04	600	88	1.5	#178 Low Mass	4	
0082.COMP	10	12:01	12:40:38.5	-16:15:04	600	88	1.5	0 Calibration	4	
0083.BDp332642	180	12:04	15:51:59.9	+32:56:54	600	88	1.5	#56 Spectropho	4	
0084.COMP	10	12:07	15:51:59.9	+32:56:54	600	88	1.5	0 Calibration	4	
0085.bb943	180	12:10	12:44:51.2	-10:12:52	600	87	1.5	#178 Low Mass	4	
0086.COMP	10	12:14	12:44:51.2	-10:12:52	600	88	1.5	0 Calibration	4	
0087.bb964	120	12:30	13:12:19.2	-27:40:46	600	88	1.5	#178 Low Mass	4	
0088.COMP	10	12:32	13:12:19.2	-27:40:46	600	88	1.5	0 Calibration	4	
0089.bb965	30	12:33	13:12:25.9	-20:24:36	600	88	1.5	#178 Low Mass	4	
0090.COMP	10	12:35	13:12:25.9	-20:24:36	600	88	1.5	0 Calibration	4	
0091.bb1022	900	12:38	14:07:09.7	-23:25:55	600	88	1.5	#178 Low Mass	4	
0092.COMP	10	12:54	14:07:09.7	-23:25:55	600	87	1.5	0 Calibration	4	
0093.bb1023	228	12:55	14:07:29.6	-18:31:15	600	87	1.5	#178 Low Mass	4	
0094.COMP	10	13:00	14:07:29.6	-18:31:15	600	88	1.5	0 Calibration	4	
0095.bb1025	553	13:01	14:09:07.9	-23:52:54	600	97	1.5	#178 Low Mass	4	
0096.COMP	10	13:11	14:09:07.9	-23:52:54	600	95	1.5	0 Calibration	4	
0097.bb1029	57	13:12	14:12:26.5	-26:15:52	600	90	1.5	#178 Low Mass	4	

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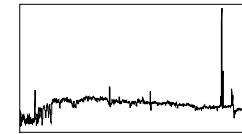
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0098.COMP	10	13:13	14:12:26.5	-26:15:52	600	90	1.5	0 Calibration	4	
0099-0108.BIAS	0	13:21	14:08:56.8	-09:27:10	600	90	1.5	0 Calibration	4	
0109-0128.FLAT	12	13:27	14:08:56.8	-09:27:10	600	90	1.5	0 Calibration	4	
0129-0133.DARK	900	14:49	14:08:56.8	-09:27:10	300	90	3.0	0 Calibration	4	
0134-0138.DARK	900	16:06	14:08:56.8	-09:27:10	300	90	3.0	0 Calibration	2	

UT Date 2018-02-12 Observers P BerlindColl. Focus 1310 Grating/Grism 300

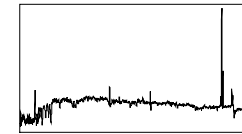
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0001-0010.BIAS	0	01:04	03:10:00.0	+32:00:00	300	91	3.0	0 Calibration	2	
0011-0025.FLAT	7	01:11	03:10:00.0	+32:00:00	300	91	3.0	0 Calibration	2	
0026.AT2018ms	1200	08:00	04:04:04.0	+14:04:04	300	91	3.0	#225	2	
0027.AT2018ms	1200	08:20	04:04:04.0	+14:04:04	300	91	3.0	#225	2	
0028.AT2018ms	1200	08:40	04:04:04.0	+14:04:04	300	91	3.0	#225	2	
0029.AT2018ms	1200	09:00	04:04:04.0	+14:04:04	300	91	3.0	#225	2	
0030.AT2018ms	1200	09:21	04:04:04.0	+14:04:04	300	91	3.0	#225	2	

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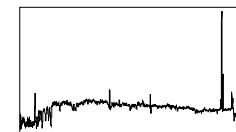
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	01:19	04:04:04.0	+14:04:04	300	91	3.0	0 Calibration	2	
0011-0025.FLAT	7	01:25	04:04:04.0	+14:04:04	300	91	3.0	0 Calibration	2	
0027.HD19445	30	01:57	03:08:25.6	+26:19:51	300	91	3.0	#56 Spectropho	2	
0028.COMP	10	01:58	03:08:25.6	+26:19:51	300	91	3.0	0 Calibration	2	
0029.G191B2B	300	02:01	05:05:30.6	+52:49:52	300	91	3.0	#56 Spectropho	2	
0030.COMP	10	02:07	05:05:30.6	+52:49:52	300	90	3.0	0 Calibration	2	
0031.AT2018ms	1800	02:10	00:07:51.0	+44:27:38	300	90	3.0	#225	2	
0032.COMP	10	02:41	00:07:51.0	+44:27:38	300	89	3.0	0 Calibration	2	
0033.AT2018kj	1800	02:45	08:02:39.3	+48:26:27	300	89	3.0	#225	2	
0034.AT2018kj	1800	03:16	08:02:39.3	+48:26:27	300	89	3.0	#225	2	
0035.AT2018kj	1800	03:47	08:02:39.3	+48:26:27	300	89	3.0	#225	2	
0036.COMP	10	04:17	08:02:39.3	+48:26:27	300	90	3.0	0 Calibration	2	
0037.snAT2018oh	901	04:19	09:06:39.5	+19:20:18	300	90	3.0	#2 SN Observat	2	
0038.COMP	10	04:35	09:06:39.5	+19:20:18	300	88	3.0	0 Calibration	2	
0039.sn2018ph	1800	04:40	08:11:02.3	+05:05:14	300	0	3.0	#2 SN Observat	2	
0040.COMP	10	05:11	08:11:02.3	+05:05:14	300	0	3.0	0 Calibration	2	
0041.snAT2018gv	420	05:13	08:05:34.6	-11:26:16	300	0	3.0	#2 SN Observat	2	
0042.COMP	10	05:21	08:05:34.6	-11:26:16	300	1	3.0	0 Calibration	2	
0043.snAT2018pc	1200	05:27	09:28:55.2	+49:14:17	300	89	3.0	#2 SN Observat	2	
0044.COMP	10	05:47	09:28:55.2	+49:14:17	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>
0045.ASASSN-18bw	1200	05:50	07:10:31.7	+32:38:46	300	90	3.0	#220 ASASSN Tr	2	
0046.ASASSN-18bw	1200	06:10	07:10:31.7	+32:38:46	300	90	3.0	#220 ASASSN Tr	2	
0047.ASASSN-18bw	109	06:31	07:10:31.7	+32:38:46	300	90	3.0	#220 ASASSN Tr	2	
0048.COMP	10	06:33	07:10:31.7	+32:38:46	300	89	3.0	0 Calibration	2	
0049.sn2018pv	420	06:39	11:52:55.7	+36:59:12	300	0	3.0	#2 SN Observat	2	
0050.COMP	10	06:47	11:52:55.7	+36:59:12	300	0	3.0	0 Calibration	2	
0051.sn2018pv	420	06:47	11:52:55.7	+36:59:12	300	0	3.0	#2 SN Observat	2	
0052.COMP	10	06:55	11:52:55.7	+36:59:12	300	0	3.0	0 Calibration	2	
0053-0057.DARK	1200	08:22	11:52:55.7	+36:59:12	300	90	3.0	0 Calibration	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0001-0010.DARK	900	05:15	05:08:45.4	+31:30:38	300	90	3.0	0 Calibration	4	
0011-0020.BIAS	0	05:31	05:08:45.4	+31:30:38	300	90	3.0	0 Calibration	4	
0021-0040.FLAT	7	07:07	05:08:45.4	+31:30:38	300	90	3.0	0 Calibration	2	
0041-0050.BIAS	0	07:10	05:08:45.4	+31:30:38	300	90	3.0	0 Calibration	2	
0051.HD84937	30	10:07	09:48:56.1	+13:44:39	300	90	3.0	#56 Spectropho	2	
0052.COMP	10	10:09	09:48:56.1	+13:44:39	300	90	3.0	0 Calibration	2	
0053.Feige34	150	10:11	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	2	
0054.COMP	10	10:14	10:39:36.7	+43:06:09	300	90	3.0	0 Calibration	2	
0055-0064.DARK	900	15:10	11:03:10.2	-23:05:24	300	90	3.0	0 Calibration	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0001-0010.DARK	900	03:33	11:03:10.2	-23:05:24	300	90	3.0	0 Calibration	4	