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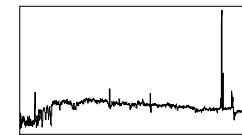
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.BIAS	0	00:54	13:42:11.6	+28:22:38	300	90	3.0	0 Calibration	4	standard setup
0002-0010.BIAS	0	00:56	13:42:11.6	+28:22:38	300	90	3.0	0 Calibration	4	
0011-0020.FLAT	4	00:58	13:42:11.6	+28:22:38	300	90	3.0	0 Calibration	4	
0021-0030.BIAS	0	01:00	13:42:11.6	+28:22:38	300	90	3.0	0 Calibration	2	
0031-0045.FLAT	7	01:04	13:42:11.6	+28:22:38	300	90	3.0	0 Calibration	2	
0046.sky	10	01:31	04:00:00.0	+31:40:00	300	90	3.0	#57 Velocity S	2	
0047.sky	12	01:32	04:00:00.0	+31:40:00	300	90	3.0	#57 Velocity S	2	
0048.sky	14	01:32	04:00:00.0	+31:40:00	300	90	3.0	#57 Velocity S	2	
0049.COMP	10	01:33	04:00:00.0	+31:40:00	300	90	3.0	0 Calibration	2	
0050.HD19445	10	02:17	03:08:25.6	+26:19:51	300	90	3.0	#56 Spectropho	2	
0051.COMP	10	02:18	03:08:25.6	+26:19:51	300	90	3.0	0 Calibration	2	
0052.HD19445	20	02:20	03:08:25.6	+26:19:51	300	90	3.0	#56 Spectropho	2	
0053.HD19445	20	02:21	03:08:25.6	+26:19:51	300	90	3.0	#56 Spectropho	2	
0054.HD19445	20	02:21	03:08:25.6	+26:19:51	300	90	3.0	#56 Spectropho	2	
0055.G191B2B	300	02:24	05:05:30.6	+52:49:52	300	90	3.0	#56 Spectropho	2	
0056.COMP	10	02:29	05:05:30.6	+52:49:52	300	88	3.0	0 Calibration	2	
0057.EGAnd	1	02:32	00:44:37.0	+40:40:47	300	88	3.0	#12 Symbiotic	2	
0058.EGAnd	5	02:32	00:44:37.0	+40:40:47	300	88	3.0	#12 Symbiotic	2	
0059.EGAnd	10	02:32	00:44:37.0	+40:40:47	300	88	3.0	#12 Symbiotic	2	
0060.COMP	10	02:33	00:44:37.0	+40:40:47	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
0061.AXPer	4	02:34	01:36:23.0	+54:15:03	300	88	3.0	#12 Symbiotic	2	
0062.AXPer	30	02:34	01:36:23.0	+54:15:03	300	88	3.0	#12 Symbiotic	2	
0063.AXPer	90	02:35	01:36:23.0	+54:15:03	300	88	3.0	#12 Symbiotic	2	
0064.COMP	10	02:37	01:36:23.0	+54:15:03	300	88	3.0	0 Calibration	2	
0065.snASASSN-15ak	900	02:42	00:12:01.6	+26:23:37	300	110	3.0	#220 ASASSN Tr	2	
0066.COMP	10	02:57	00:12:01.6	+26:23:37	300	110	3.0	0 Calibration	2	
0067.snASASSN15ar	1800	03:02	02:28:20.4	+10:23:04	300	20	3.0	#2 SN Observat	2	
0068.COMP	10	03:33	02:28:20.4	+10:23:04	300	20	3.0	0 Calibration	2	
0069.NGC1700	300	03:37	04:56:56.3	-04:51:57	300	89	3.0	#57 Velocity S	2	
0070.COMP	10	03:42	04:56:56.3	-04:51:57	300	89	3.0	0 Calibration	2	
0071.GITau	240	03:45	04:33:34.0	+24:21:18	300	58	3.0	#12 Symbiotic	2	
0072.COMP	10	03:50	04:33:34.0	+24:21:18	300	58	3.0	0 Calibration	2	
0073.GKTau	240	03:51	04:33:34.5	+24:21:07	300	58	3.0	#12 Symbiotic	2	
0074.COMP	10	03:55	04:33:34.5	+24:21:07	300	58	3.0	0 Calibration	2	
0075.BGGem	300	03:58	06:03:31.0	+27:41:50	300	-9	3.0	#12 Symbiotic	2	
0076.COMP	10	04:04	06:03:31.0	+27:41:50	300	-9	3.0	0 Calibration	2	
0077.snJ07285387	1200	04:06	07:28:53.9	+33:49:11	300	-10	3.0	#2 SN Observat	2	see tele grab 0006.2015.0217
0078.COMP	10	04:27	07:28:53.9	+33:49:11	300	-10	3.0	0 Calibration	2	
0079.019_WHSS074844	1200	04:31	07:48:44.9	+46:47:41	300	89	3.0	#221 Bright Hi	2	
0080.COMP	10	04:52	07:48:44.9	+46:47:41	300	89	3.0	0 Calibration	2	

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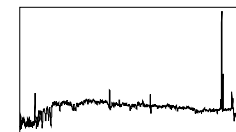
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0081.020_WHSS074959	1200	04:53	07:49:59.4	+26:04:44	300	89	3.0	#221 Bright Hi	2	
0082.COMP	10	05:14	07:49:59.4	+26:04:44	300	89	3.0	0 Calibration	2	
0083.SS129	300	05:18	07:32:45.0	-26:49:16	300	1	3.0	#12 Symbiotic	2	
0084.SS129	300	05:23	07:32:45.0	-26:49:16	300	0	3.0	#12 Symbiotic	2	
0085.COMP	10	05:28	07:32:45.0	-26:49:16	300	0	3.0	0 Calibration	2	
0086.BXMon	15	05:31	07:25:23.0	-03:35:51	300	0	3.0	#12 Symbiotic	2	
0087.BXMon	180	05:31	07:25:23.0	-03:35:51	300	0	3.0	#12 Symbiotic	2	
0088.COMP	10	05:35	07:25:23.0	-03:35:51	300	0	3.0	0 Calibration	2	
0089.AWI000050r	780	05:39	08:05:47.9	+52:46:28	300	0	3.0	#219 Disk Dete	2	
0090.COMP	10	05:52	08:05:47.9	+52:46:28	300	0	3.0	0 Calibration	2	
0091.021_WHSS075006	1500	05:56	07:50:07.0	+19:55:46	300	9	3.0	#221 Bright Hi	2	
0092.COMP	10	06:21	07:50:07.0	+19:55:46	300	9	3.0	0 Calibration	2	
0093.snBRUTUS7069_8	1200	06:25	10:35:29.8	+34:34:26	300	105	3.0	#2 SN Observat	2	
0094.COMP	10	06:45	10:35:29.8	+34:34:26	300	105	3.0	0 Calibration	2	
0095.snASASSN15de	1200	06:48	11:28:49.6	+29:54:53	300	74	3.0	#2 SN Observat	2	
0096.COMP	10	07:09	11:28:49.6	+29:54:53	300	74	3.0	0 Calibration	2	
0097.snASASSN15cz	1200	07:15	11:35:24.4	+57:39:00	300	-11	3.0	#2 SN Observat	2	
0098.COMP	10	07:35	11:35:24.4	+57:39:00	300	-11	3.0	0 Calibration	2	
0099.FLAT	2	07:40	11:35:24.4	+57:39:00	300	90	5.0	0 Calibration	4	throughput 5 sec binby4
0100-0113.FLAT	2	07:42	11:35:24.4	+57:39:00	300	90	5.0	0 Calibration	4	

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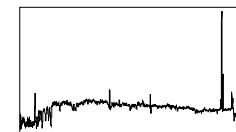
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0114.HD84937	10	07:45	09:48:56.1	+13:44:39	300	90	5.0	#56 Spectropho	4	seeing got softer while I was changing slits
0115.COMP	5	07:45	09:48:56.1	+13:44:39	300	90	5.0	0 Calibration	4	
0116.HD84937	10	07:46	09:48:56.1	+13:44:39	300	90	5.0	#56 Spectropho	4	
0117.HD84937	10	07:46	09:48:56.1	+13:44:39	300	90	5.0	#56 Spectropho	4	
0118.HD84937	10	07:46	09:48:56.1	+13:44:39	300	90	5.0	#56 Spectropho	4	
0119.HD84937	10	07:47	09:48:56.1	+13:44:39	300	90	5.0	#56 Spectropho	4	
0120.Feige34	120	07:50	10:39:36.7	+43:06:09	300	90	5.0	#56 Spectropho	4	
0121.COMP	5	07:52	10:39:36.7	+43:06:09	300	90	5.0	0 Calibration	4	
0122.Feige34	120	07:53	10:39:36.7	+43:06:09	300	90	5.0	#56 Spectropho	4	
0123.Feige34	120	07:55	10:39:36.7	+43:06:09	300	90	5.0	#56 Spectropho	4	
0124.Feige34	120	07:57	10:39:36.7	+43:06:09	300	90	5.0	#56 Spectropho	4	
0125.Feige34	120	07:59	10:39:36.7	+43:06:09	300	89	5.0	#56 Spectropho	4	
0126.COMP	5	08:07	10:39:36.7	+43:06:09	600	89	1.5	0 Calibration	4	test
0127.COMP	5	08:08	10:39:36.7	+43:06:09	600	89	1.5	0 Calibration	4	test
0128.COMP	5	08:10	10:39:36.7	+43:06:09	600	89	1.5	0 Calibration	4	test
0129.COMP	5	08:11	10:39:36.7	+43:06:09	600	89	1.5	0 Calibration	4	test dang out of practice
0130.FLAT	12	08:12	10:39:36.7	+43:06:09	600	89	1.5	0 Calibration	4	brown 1.5 sec 600 tilt 445 binby4
0131-0144.FLAT	12	08:17	10:39:36.7	+43:06:09	600	89	1.5	0 Calibration	4	
0145.Feige34	300	08:19	10:39:36.7	+43:06:09	600	90	1.5	#56 Spectropho	4	
0146.COMP	10	08:25	10:39:36.7	+43:06:09	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
0147.j1131m07	720	08:28	11:31:43.5	-07:42:20	600	90	1.5	#178 Low Mass	4	
0148.COMP	10	08:40	11:31:43.5	-07:42:20	600	90	1.5	0 Calibration	4	
0149.j1131m07	720	08:41	11:31:43.5	-07:42:20	600	90	1.5	#178 Low Mass	4	
0150.COMP	10	08:53	11:31:43.5	-07:42:20	600	90	1.5	0 Calibration	4	
0151.j1131m07	720	08:54	11:31:43.5	-07:42:20	600	90	1.5	#178 Low Mass	4	
0152.COMP	10	09:07	11:31:43.5	-07:42:20	600	90	1.5	0 Calibration	4	
0153.j1131m07	720	09:09	11:31:43.5	-07:42:20	600	90	1.5	#178 Low Mass	4	
0154.COMP	10	09:21	11:31:43.5	-07:42:20	600	90	1.5	0 Calibration	4	
0155.j1131m07	720	09:22	11:31:43.5	-07:42:20	600	90	1.5	#178 Low Mass	4	
0156.COMP	10	09:34	11:31:43.5	-07:42:20	600	90	1.5	0 Calibration	4	
0157.bcand537	1200	09:44	11:30:56.6	+12:49:51	600	50	1.5	#178 Low Mass	4	
0158.COMP	10	10:04	11:30:56.6	+12:49:51	600	50	1.5	0 Calibration	4	
0159.bcand537	1200	10:05	11:30:56.6	+12:49:51	600	50	1.5	#178 Low Mass	4	
0160.COMP	10	10:25	11:30:56.6	+12:49:51	600	50	1.5	0 Calibration	4	
0161.bcand537	1200	10:26	11:30:56.6	+12:49:51	600	50	1.5	#178 Low Mass	4	
0162.COMP	10	10:46	11:30:56.6	+12:49:51	600	50	1.5	0 Calibration	4	
0163.bcand537	1200	10:47	11:30:56.6	+12:49:51	600	50	1.5	#178 Low Mass	4	
0164.COMP	10	11:08	11:30:56.6	+12:49:51	600	50	1.5	0 Calibration	4	
0165.COMP	5	11:13	11:30:56.6	+12:49:51	300	90	3.0	0 Calibration	2	test
0166.COMP	5	11:14	11:30:56.6	+12:49:51	300	90	3.0	0 Calibration	2	test

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0167.RWHya	2	11:18	13:34:18.0	-25:22:51	300	90	3.0	#12 Symbiotic	2	standard setup
0168.RWHya	10	11:18	13:34:18.0	-25:22:51	300	90	3.0	#12 Symbiotic	2	
0169.RWHya	20	11:19	13:34:18.0	-25:22:51	300	90	3.0	#12 Symbiotic	2	
0170.COMP	10	11:19	13:34:18.0	-25:22:51	300	90	3.0	0 Calibration	2	
0171.TXCVn	10	11:22	12:44:42.0	+36:45:48	300	90	3.0	#12 Symbiotic	2	
0172.TXCVn	30	11:22	12:44:42.0	+36:45:48	300	90	3.0	#12 Symbiotic	2	
0173.COMP	10	11:23	12:44:42.0	+36:45:48	300	90	3.0	0 Calibration	2	
0174.snASASSN15dd	1200	11:26	15:43:59.1	+19:12:41	300	1	3.0	#2 SN Observat	2	
0175.COMP	10	11:46	15:43:59.1	+19:12:41	300	1	3.0	0 Calibration	2	
0176.snASASSN-15db	1200	11:48	15:46:58.7	+17:53:03	300	1	3.0	#220 ASASSN Tr	2	
0177.COMP	10	12:09	15:46:58.7	+17:53:03	300	1	3.0	0 Calibration	2	
0178.snASASSN15dc	1200	12:11	15:01:30.8	-00:32:24	300	1	3.0	#2 SN Observat	2	
0179.COMP	10	12:31	15:01:30.8	-00:32:24	300	1	3.0	0 Calibration	2	
0180.TCrB	15	12:35	15:59:30.0	+25:55:12	300	90	3.0	#12 Symbiotic	2	
0181.TCrB	60	12:35	15:59:30.0	+25:55:12	300	90	3.0	#12 Symbiotic	2	
0182.COMP	10	12:37	15:59:30.0	+25:55:12	300	90	3.0	0 Calibration	2	
0183.AGDra	2	12:42	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0184.AGDra	15	12:42	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0185.AGDra	60	12:42	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0186.COMP	10	12:44	16:01:41.0	+66:48:10	300	90	3.0	0 Calibration	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0187.N5846	150	12:46	15:06:29.3	+01:36:20	300	90	3.0	#57 Velocity S	2	
0188.COMP	10	12:49	15:06:29.3	+01:36:20	300	90	3.0	0 Calibration	2	
0189.BDp332642	150	12:52	15:51:59.9	+32:56:54	300	90	3.0	#56 Spectropho	2	
0190.COMP	10	12:55	15:51:59.9	+32:56:54	300	90	3.0	0 Calibration	2	
0191.BDp262606	90	12:56	14:49:02.4	+25:42:09	300	90	3.0	#56 Spectropho	2	
0192.COMP	10	12:58	14:49:02.4	+25:42:09	300	90	3.0	0 Calibration	2	
0193.BDp262606	90	12:59	14:49:02.4	+25:42:09	300	90	3.0	#56 Spectropho	2	
0194-0203.BIAS	0	13:05	14:49:02.4	+25:42:09	300	90	3.0	0 Calibration	4	
0204-0213.FLAT	4	13:07	14:49:02.4	+25:42:09	300	90	3.0	0 Calibration	4	
0214-0223.BIAS	0	13:09	14:49:02.4	+25:42:09	300	90	3.0	0 Calibration	2	
0224-0238.FLAT	7	13:13	14:49:02.4	+25:42:09	300	90	3.0	0 Calibration	2	
0239-0243.DARK	900	14:23	14:49:02.4	+25:42:09	300	90	3.0	0 Calibration	2	
0244-0247.DARK	900	15:24	14:49:02.4	+25:42:09	300	90	3.0	0 Calibration	4	