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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	02:31	12:58:35.2	+27:35:47	300	87	3.0	0 Calibration	2	
0011-0025.FLAT	7	02:36	12:58:35.2	+27:35:47	300	87	3.0	0 Calibration	2	
0026-0028.sky	5	02:44	12:58:35.2	+27:35:47	300	87	3.0	#57 Velocity S	2	
0029.COMP	10	02:44	12:58:35.2	+27:35:47	300	87	3.0	0 Calibration	2	
0030.TXCVn	45	03:28	12:44:42.0	+36:45:48	300	90	3.0	#12 Symbiotic	2	
0031.TXCVn	45	03:29	12:44:42.0	+36:45:48	300	90	3.0	#12 Symbiotic	2	
0032.COMP	10	03:31	12:44:42.0	+36:45:48	300	90	3.0	0 Calibration	2	
0033.RWHya	10	03:34	13:34:18.0	-25:22:51	300	90	3.0	#12 Symbiotic	2	
0034.RWHya	30	03:34	13:34:18.0	-25:22:51	300	90	3.0	#12 Symbiotic	2	
0035.RWHya	5	03:35	13:34:18.0	-25:22:51	300	90	3.0	#12 Symbiotic	2	
0036.COMP	10	03:36	13:34:18.0	-25:22:51	300	90	3.0	0 Calibration	2	
0037.snASASSN-15kz	720	03:37	13:37:18.7	-28:39:24	300	90	3.0	#220 ASASSN Tr	2	
0038.snASASSN-15kz	720	03:49	13:37:18.7	-28:39:24	300	90	3.0	#220 ASASSN Tr	2	
0039.snASASSN-15kz	720	04:02	13:37:18.7	-28:39:24	300	90	3.0	#220 ASASSN Tr	2	
0040.COMP	10	04:14	13:37:18.7	-28:39:24	300	90	3.0	0 Calibration	2	
0041.snCSS141223_2	1200	04:17	11:33:41.6	+00:43:32	300	90	3.0	#2 SN Observat	2	
0042.snCSS141223_2	1200	04:38	11:33:41.6	+00:43:32	300	90	3.0	#2 SN Observat	2	
0043.snCSS141223_2	1200	04:58	11:33:41.6	+00:43:32	300	90	3.0	#2 SN Observat	2	
0044.COMP	10	05:19	11:33:41.6	+00:43:32	300	90	3.0	0 Calibration	2	
0045.BDp262606	90	05:21	14:49:02.4	+25:42:09	300	90	3.0	#56 Spectropho	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0046.BDp262606	90	05:23	14:49:02.4	+25:42:09	300	90	3.0	#56 Spectropho	2	
0047.BDp262606	90	05:26	14:49:02.4	+25:42:09	300	90	3.0	#56 Spectropho	2	
0048.COMP	10	05:28	14:49:02.4	+25:42:09	300	90	3.0	0 Calibration	2	
0049.snASASSN-151a	720	05:29	14:12:51.2	+35:42:40	300	90	3.0	#220 ASASSN Tr	2	
0050.snASASSN-151a	720	05:41	14:12:51.2	+35:42:40	300	90	3.0	#220 ASASSN Tr	2	
0051.snASASSN-151a	720	05:53	14:12:51.2	+35:42:40	300	90	3.0	#220 ASASSN Tr	2	
0052.COMP	10	06:06	14:12:51.2	+35:42:40	300	90	3.0	0 Calibration	2	
0053.BDp332642	150	06:08	15:51:59.9	+32:56:54	300	90	3.0	#56 Spectropho	2	
0054.COMP	10	06:11	15:51:59.9	+32:56:54	300	90	3.0	0 Calibration	2	
0055.snPSNJ16025128	1800	06:16	16:02:51.3	+47:13:29	300	81	3.0	#2 SN Observat	2	
0056.COMP	10	06:46	16:02:51.3	+47:13:29	300	80	3.0	0 Calibration	2	
0057.snps15ahs	1800	06:56	17:59:29.8	+43:23:24	300	89	3.0	#2 SN Observat	2	
0058.COMP	10	07:27	17:59:29.8	+43:23:24	300	89	3.0	0 Calibration	2	
0059.AWI0005d5p	10	07:33	18:02:30.7	+58:37:38	300	88	3.0	#219 Disk Dete	2	
0060.COMP	10	07:33	18:02:30.7	+58:37:38	300	88	3.0	0 Calibration	2	
0061.AWI0005dle	10	07:35	17:56:26.3	+62:37:10	300	88	3.0	#219 Disk Dete	2	
0062.AWI0005dle	20	07:35	17:56:26.3	+62:37:10	300	88	3.0	#219 Disk Dete	2	
0063.COMP	10	07:36	17:56:26.3	+62:37:10	300	88	3.0	0 Calibration	2	
0064.AWI0005dkz	20	07:38	17:39:50.8	+72:57:53	300	88	3.0	#219 Disk Dete	2	
0065.AWI0005dkz	40	07:39	17:39:50.8	+72:57:53	300	88	3.0	#219 Disk Dete	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0066.COMP	10	07:40	17:39:50.8	+72:57:53	300	88	3.0	0 Calibration	2	
0067.AWI0005dkc	120	07:41	17:25:11.8	+65:44:16	300	88	3.0	#219 Disk Dete	2	
0068.COMP	10	07:44	17:25:11.8	+65:44:16	300	88	3.0	0 Calibration	2	
0069.AWI0005dkp	300	07:45	17:31:29.7	+60:11:56	300	88	3.0	#219 Disk Dete	2	
0070.COMP	10	07:51	17:31:29.7	+60:11:56	300	89	3.0	0 Calibration	2	
0071.AWI0005dk6	30	07:53	17:23:38.1	+45:59:57	300	89	3.0	#219 Disk Dete	2	
0072.AWI0005dk6	80	07:54	17:23:38.1	+45:59:57	300	89	3.0	#219 Disk Dete	2	
0073.COMP	10	07:56	17:23:38.1	+45:59:57	300	89	3.0	0 Calibration	2	
0074.AWI0005djv	40	07:57	17:20:07.5	+35:41:04	300	89	3.0	#219 Disk Dete	2	
0075.COMP	10	07:58	17:20:07.5	+35:41:04	300	89	3.0	0 Calibration	2	
0076.AWI0005dj7	900	08:00	17:05:51.1	+29:13:22	300	89	3.0	#219 Disk Dete	2	
0077.COMP	10	08:16	17:05:51.1	+29:13:22	300	90	3.0	0 Calibration	2	
0078.AWI0005bk2	20	08:17	17:29:12.4	+00:56:05	300	90	3.0	#219 Disk Dete	2	
0079.COMP	10	08:18	17:29:12.4	+00:56:05	300	90	3.0	0 Calibration	2	
0080.AS270	60	08:21	18:05:33.7	-20:20:38	300	90	3.0	#12 Symbiotic	2	
0081.AS270	600	08:23	18:05:33.7	-20:20:38	300	90	3.0	#12 Symbiotic	2	
0082.COMP	10	08:34	18:05:33.7	-20:20:38	300	90	3.0	0 Calibration	2	
0083.Hen1591	60	08:36	18:07:32.0	-25:53:43	300	90	3.0	#12 Symbiotic	2	
0084.Hen1591	720	08:37	18:07:32.0	-25:53:43	300	90	3.0	#12 Symbiotic	2	
0085.COMP	10	08:50	18:07:32.0	-25:53:43	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
0086.AS316	60	08:51	18:42:33.0	-21:17:47	300	89	3.0	#12 Symbiotic	2	
0087.AS316	720	08:52	18:42:33.0	-21:17:47	300	89	3.0	#12 Symbiotic	2	
0088.COMP	10	09:05	18:42:33.0	-21:17:47	300	89	3.0	0 Calibration	2	
0089.AS327	60	09:06	18:53:17.0	-24:22:59	300	89	3.0	#12 Symbiotic	2	
0090.AS327	600	09:08	18:53:17.0	-24:22:59	300	89	3.0	#12 Symbiotic	2	
0091.COMP	10	09:19	18:53:17.0	-24:22:59	300	90	3.0	0 Calibration	2	
0092.V919Sgr	60	09:21	19:03:45.0	-16:59:56	300	90	3.0	#12 Symbiotic	2	
0093.V919Sgr	20	09:22	19:03:45.0	-16:59:56	300	90	3.0	#12 Symbiotic	2	
0094.V919Sgr	360	09:23	19:03:45.0	-16:59:56	300	90	3.0	#12 Symbiotic	2	
0095.COMP	10	09:29	19:03:45.0	-16:59:56	300	90	3.0	0 Calibration	2	
0096.snASASSN15hy	1800	09:33	20:10:02.4	-00:44:21	300	90	3.0	#2 SN Observat	2	
0097.COMP	10	10:03	20:10:02.4	-00:44:21	300	90	3.0	0 Calibration	2	
0098.snASASSN15kx	1800	10:08	22:16:11.8	+37:28:26	300	90	3.0	#2 SN Observat	2	
0099.COMP	10	10:39	22:16:11.8	+37:28:26	300	84	3.0	0 Calibration	2	
0100.ZAnd	30	10:41	23:33:40.0	+48:49:06	300	84	3.0	#12 Symbiotic	2	
0101.ZAnd	20	10:42	23:33:40.0	+48:49:06	300	84	3.0	#12 Symbiotic	2	
0102.ZAnd	8	10:43	23:33:40.0	+48:49:06	300	84	3.0	#12 Symbiotic	2	
0103.COMP	10	10:44	23:33:40.0	+48:49:06	300	84	3.0	0 Calibration	2	
0104.V1057Cyg	120	10:50	20:58:54.0	+44:15:30	300	84	3.0	#12 Symbiotic	2	
0105.V1057Cyg	240	10:53	20:58:54.0	+44:15:30	300	84	3.0	#12 Symbiotic	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0106.COMP	10	10:57	20:58:54.0	+44:15:30	300	84	3.0	0 Calibration	2	
0107.BDp284211	150	10:59	21:51:11.0	+28:51:50	300	84	3.0	#56 Spectropho	2	
0108.COMP	10	11:03	21:51:11.0	+28:51:50	300	84	3.0	0 Calibration	2	
0109.BDp174708	90	11:05	22:11:31.4	+18:05:34	300	84	3.0	#56 Spectropho	2	
0110.COMP	10	11:07	22:11:31.4	+18:05:34	300	84	3.0	0 Calibration	2	
0111.AGPeg	5	11:08	21:51:02.0	+12:37:33	300	84	3.0	#12 Symbiotic	2	
0112.AGPeg	15	11:09	21:51:02.0	+12:37:33	300	84	3.0	#12 Symbiotic	2	
0113.AGPeg	1	11:10	21:51:02.0	+12:37:33	300	84	3.0	#12 Symbiotic	2	
0114.COMP	10	11:10	21:51:02.0	+12:37:33	300	84	3.0	0 Calibration	2	
0115.V1329Cyg	60	11:15	20:51:01.0	+35:34:55	300	84	3.0	#12 Symbiotic	2	
0116.V1329Cyg	300	11:16	20:51:01.0	+35:34:55	300	84	3.0	#12 Symbiotic	2	
0117.COMP	10	11:22	20:51:01.0	+35:34:55	300	84	3.0	0 Calibration	2	
0118-0127.BIAS	0	11:26	20:51:01.0	+35:34:55	300	84	3.0	0 Calibration	2	
0128-0142.FLAT	7	11:32	20:51:01.0	+35:34:55	300	84	3.0	0 Calibration	2	
0143-0147.DARK	1200	13:01	20:51:01.0	+35:34:55	300	84	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	00:29	12:40:25.1	+23:03:48	300	84	3.0	0 Calibration	4	
0011-0015.DARK	1200	01:51	12:40:25.1	+23:03:48	300	84	3.0	0 Calibration	4	
0016-0025.BIAS	0	03:09	12:40:25.1	+23:03:48	300	84	3.0	0 Calibration	2	
0026-0040.FLAT	7	03:15	12:40:25.1	+23:03:48	300	84	3.0	0 Calibration	2	
0041.AGK2p43928	30	03:28	09:52:29.0	+43:28:00	300	84	3.0	#57 Velocity S	2	
0042.AGK2p43928	30	03:29	09:52:29.0	+43:28:00	300	84	3.0	#57 Velocity S	2	
0043.AGK2p43928	30	03:29	09:52:29.0	+43:28:00	300	84	3.0	#57 Velocity S	2	
0044.COMP	10	03:30	09:52:29.0	+43:28:00	300	84	3.0	0 Calibration	2	
0045.snngc27702015	600	03:37	09:09:35.0	+33:07:20	300	89	3.0	#2 SN Observat	2	
0046.snngc27702015	600	03:47	09:09:35.0	+33:07:20	300	89	3.0	#2 SN Observat	2	
0047.snngc27702015	600	03:57	09:09:35.0	+33:07:20	300	89	3.0	#2 SN Observat	2	
0048.snngc27702015	600	04:07	09:09:35.0	+33:07:20	300	89	3.0	#2 SN Observat	2	
0049.COMP	10	04:18	09:09:35.0	+33:07:20	300	90	3.0	0 Calibration	2	
0050.BDp262606	90	04:20	14:49:02.4	+25:42:09	300	90	3.0	#56 Spectropho	2	
0051.COMP	10	04:22	14:49:02.4	+25:42:09	300	90	3.0	0 Calibration	2	
0052.snASASSN-151a	720	04:24	14:12:51.2	+35:42:40	300	90	3.0	#220 ASASSN Tr	2	
0053.snASASSN-151a	720	04:36	14:12:51.2	+35:42:40	300	90	3.0	#220 ASASSN Tr	2	
0054.snASASSN-151a	720	04:48	14:12:51.2	+35:42:40	300	90	3.0	#220 ASASSN Tr	2	
0055.COMP	10	05:00	14:12:51.2	+35:42:40	300	90	3.0	0 Calibration	2	
0056.BDp332642	150	05:03	15:51:59.9	+32:56:54	300	90	3.0	#56 Spectropho	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0057.COMP	10	05:06	15:51:59.9	+32:56:54	300	90	3.0	0 Calibration	2	
0058.BIAS	0	05:09	15:51:59.9	+32:56:54	600	90	1.5	0 Calibration	4	
0059.BDp332642	150	05:12	15:51:59.9	+32:56:54	600	90	1.5	#56 Spectropho	4	
0060.COMP	10	05:15	15:51:59.9	+32:56:54	600	90	1.5	0 Calibration	4	
0061.dr1557	1500	05:17	15:57:13.2	+04:05:53	600	90	1.5	#178 Low Mass	4	
0062.COMP	10	05:42	15:57:13.2	+04:05:53	600	90	1.5	0 Calibration	4	
0063.dr1557	1500	05:43	15:57:13.2	+04:05:53	600	90	1.5	#178 Low Mass	4	
0064.COMP	10	06:09	15:57:13.2	+04:05:53	600	90	1.5	0 Calibration	4	
0065.dr1557	1500	06:09	15:57:13.2	+04:05:53	600	90	1.5	#178 Low Mass	4	
0066.COMP	10	06:36	15:57:13.2	+04:05:53	600	89	1.5	0 Calibration	4	
0067.bcand899	960	06:38	15:55:02.0	+24:44:22	600	89	1.5	#178 Low Mass	4	
0068.COMP	10	06:54	15:55:02.0	+24:44:22	600	89	1.5	0 Calibration	4	
0069.bcand899	960	06:55	15:55:02.0	+24:44:22	600	89	1.5	#178 Low Mass	4	
0070.COMP	10	07:11	15:55:02.0	+24:44:22	600	89	1.5	0 Calibration	4	
0071.bcand899	960	07:12	15:55:02.0	+24:44:22	600	89	1.5	#178 Low Mass	4	
0072.COMP	10	07:28	15:55:02.0	+24:44:22	600	90	1.5	0 Calibration	4	
0073.lmwd551	840	07:30	17:35:21.7	+21:34:41	600	90	1.5	#178 Low Mass	4	
0074.COMP	10	07:44	17:35:21.7	+21:34:41	600	90	1.5	0 Calibration	4	
0075.lmwd551	840	07:45	17:35:21.7	+21:34:41	600	90	1.5	#178 Low Mass	4	
0076.COMP	10	07:59	17:35:21.7	+21:34:41	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
0077.lmwd551	840	08:00	17:35:21.7	+21:34:41	600	90	1.5	#178 Low Mass	4	
0078.COMP	10	08:15	17:35:21.7	+21:34:41	600	90	1.5	0 Calibration	4	
0079.lmwd551	840	08:15	17:35:21.7	+21:34:41	600	90	1.5	#178 Low Mass	4	
0080.COMP	10	08:30	17:35:21.7	+21:34:41	600	89	1.5	0 Calibration	4	
0081.lamost175	540	08:32	19:47:31.3	+38:51:01	600	89	1.5	#178 Low Mass	4	
0082.COMP	10	08:41	19:47:31.3	+38:51:01	600	89	1.5	0 Calibration	4	
0083.lamost175	540	08:42	19:47:31.3	+38:51:01	600	89	1.5	#178 Low Mass	4	
0084.COMP	10	08:51	19:47:31.3	+38:51:01	600	89	1.5	0 Calibration	4	
0085.lamost175	540	08:52	19:47:31.3	+38:51:01	600	89	1.5	#178 Low Mass	4	
0086.COMP	10	09:01	19:47:31.3	+38:51:01	600	89	1.5	0 Calibration	4	
0087.lamost175	540	09:02	19:47:31.3	+38:51:01	600	89	1.5	#178 Low Mass	4	
0088.COMP	10	09:11	19:47:31.3	+38:51:01	600	89	1.5	0 Calibration	4	
0089.lmwd480	730	09:14	21:39:07.4	+22:27:09	600	88	1.5	#178 Low Mass	4	
0090.COMP	10	09:27	21:39:07.4	+22:27:09	600	88	1.5	0 Calibration	4	
0091.lmwd480	730	09:27	21:39:07.4	+22:27:09	600	88	1.5	#178 Low Mass	4	
0092.COMP	10	09:40	21:39:07.4	+22:27:09	600	86	1.5	0 Calibration	4	
0093-0102.FLAT	12	09:45	20:20:00.0	+32:00:00	600	86	1.5	0 Calibration	4	
0103.YYHer	60	09:50	18:14:34.0	+20:59:19	300	86	3.0	#12 Symbiotic	2	
0104.YYHer	420	09:52	18:14:34.0	+20:59:19	300	86	3.0	#12 Symbiotic	2	
0105.COMP	10	10:00	18:14:34.0	+20:59:19	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
0106.V443Her	60	10:02	18:22:07.0	+23:27:20	300	86	3.0	#12 Symbiotic	2	
0107.V443Her	15	10:04	18:22:07.0	+23:27:20	300	86	3.0	#12 Symbiotic	2	
0108.V443Her	180	10:05	18:22:07.0	+23:27:20	300	86	3.0	#12 Symbiotic	2	
0109.COMP	10	10:09	18:22:07.0	+23:27:20	300	86	3.0	0 Calibration	2	
0110.BFCyg	20	10:10	19:23:53.0	+29:40:27	300	86	3.0	#12 Symbiotic	2	
0111.BFCyg	45	10:11	19:23:53.0	+29:40:27	300	86	3.0	#12 Symbiotic	2	
0112.COMP	10	10:13	19:23:53.0	+29:40:27	300	86	3.0	0 Calibration	2	
0113.snASASSN15kx	1200	10:17	22:16:11.8	+37:28:26	300	86	3.0	#2 SN Observat	2	
0114.COMP	10	10:37	22:16:11.8	+37:28:26	300	80	3.0	0 Calibration	2	
0115.BDp284211	150	10:39	21:51:11.0	+28:51:50	300	80	3.0	#56 Spectropho	2	
0116.COMP	10	10:42	21:51:11.0	+28:51:50	300	80	3.0	0 Calibration	2	
0117.BDp404032	120	10:45	20:08:24.1	+41:15:04	300	80	3.0	#56 Spectropho	2	
0118.BDp404032	10	10:47	20:08:24.1	+41:15:04	300	80	3.0	#56 Spectropho	2	
0119.V1515Cyg	60	10:49	20:23:48.0	+42:12:24	300	80	3.0	#12 Symbiotic	2	
0120.V1515Cyg	600	10:51	20:23:48.0	+42:12:24	300	80	3.0	#12 Symbiotic	2	
0121.COMP	10	11:01	20:23:48.0	+42:12:24	300	89	3.0	0 Calibration	2	
0122.V1016Cyg	60	11:03	19:57:05.0	+39:49:37	300	89	3.0	#12 Symbiotic	2	
0123.V1016Cyg	10	11:04	19:57:05.0	+39:49:37	300	89	3.0	#12 Symbiotic	2	
0124.V1016Cyg	5	11:05	19:57:05.0	+39:49:37	300	89	3.0	#12 Symbiotic	2	
0125.V1016Cyg	600	11:06	19:57:05.0	+39:49:37	300	89	3.0	#12 Symbiotic	2	

UT Date 2015-06-14 Observers P BerlindColl. Focus 1380 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>
0126.COMP	10	11:16	19:57:05.0	+39:49:37	300	89	3.0	0 Calibration	2	
0127.PUVu1	60	11:18	20:21:13.0	+21:34:21	300	89	3.0	#12 Symbiotic	2	
0128.PUVu1	10	11:20	20:21:13.0	+21:34:21	300	89	3.0	#12 Symbiotic	2	
0129.COMP	10	11:20	20:21:13.0	+21:34:21	300	89	3.0	0 Calibration	2	
0130-0139.BIAS	0	11:25	20:21:13.0	+21:34:21	300	89	3.0	0 Calibration	2	
0140-0154.FLAT	7	11:30	20:21:13.0	+21:34:21	300	89	3.0	0 Calibration	2	
0155-0159.DARK	1200	12:57	20:21:13.0	+21:34:21	300	89	3.0	0 Calibration	2	

UT Date 2015-06-15 Observers P BerlindColl. Focus 1380 Grating/Grism 300

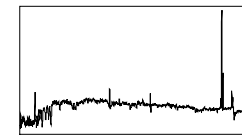
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0005.DARK	900	20:42	20:21:13.0	+21:34:21	300	89	3.0	0 Calibration	2	
0006-0010.DARK	900	21:59	20:21:13.0	+21:34:21	300	89	3.0	0 Calibration	4	
0011.test	10	02:07	13:24:42.1	+63:04:17	300	89	3.0	#223 NEOWISE N	2	
0012.test	10	02:09	13:24:42.1	+63:04:17	300	89	3.0	#223 NEOWISE N	2	
0013.test	10	02:11	13:24:42.1	+63:04:17	300	89	3.0	#223 NEOWISE N	2	
0014.FLAT	5	03:16	13:30:00.0	+32:00:00	300	89	5.0	0 Calibration	2	300gpm, 5-sec, gg495, red tilt 760
0015-0028.FLAT	5	03:20	13:30:00.0	+32:00:00	300	89	5.0	0 Calibration	2	
0029.HD86728	5	03:24	10:01:00.7	+31:55:25	300	89	5.0	#223 NEOWISE N	2	
0030.HD86728	5	03:25	10:01:00.7	+31:55:25	300	89	5.0	#223 NEOWISE N	2	
0031.HD86728	5	03:25	10:01:00.7	+31:55:25	300	89	5.0	#223 NEOWISE N	2	
0032.COMP	10	03:26	10:01:00.7	+31:55:25	300	89	5.0	0 Calibration	2	
0033.HD89010	2	03:29	10:16:32.3	+23:30:11	300	89	5.0	#223 NEOWISE N	2	
0034.HD89010	5	03:29	10:16:32.3	+23:30:11	300	89	5.0	#223 NEOWISE N	2	
0035.HD89010	5	03:30	10:16:32.3	+23:30:11	300	89	5.0	#223 NEOWISE N	2	
0036.COMP	10	03:30	10:16:32.3	+23:30:11	300	89	5.0	0 Calibration	2	
0037.HD88072	20	03:32	10:09:23.4	+02:22:16	300	89	5.0	#223 NEOWISE N	2	
0038.HD88072	20	03:32	10:09:23.4	+02:22:16	300	89	5.0	#223 NEOWISE N	2	
0039.HD88072	20	03:33	10:09:23.4	+02:22:16	300	89	5.0	#223 NEOWISE N	2	
0040.COMP	10	03:34	10:09:23.4	+02:22:16	300	89	5.0	0 Calibration	2	
0041.HD84937	60	03:35	09:48:56.1	+13:44:39	300	89	5.0	#223 NEOWISE N	2	

UT Date 2015-06-15 Observers P BerlindColl. Focus 1380 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0042.HD84937	45	03:37	09:48:56.1	+13:44:39	300	89	5.0	#223 NEOWISE N	2	
0043.COMP	10	03:38	09:48:56.1	+13:44:39	300	89	5.0	0 Calibration	2	
0044.Ivar.1627	1200	03:47	10:01:07.3	+17:12:00	300	89	5.0	#223 NEOWISE N	2	
0045.COMP	10	04:07	10:01:07.3	+17:12:00	300	89	5.0	0 Calibration	2	
0046.Ivar.1627	1200	04:08	10:01:07.3	+17:12:00	300	89	5.0	#223 NEOWISE N	2	
0047.COMP	10	04:29	10:01:07.3	+17:12:00	300	89	5.0	0 Calibration	2	
0048.HD86728	4	04:40	10:01:00.7	+31:55:25	300	89	5.0	#223 NEOWISE N	2	
0049.HD86728	4	04:41	10:01:00.7	+31:55:25	300	89	5.0	#223 NEOWISE N	2	
0050.HD86728	4	04:41	10:01:00.7	+31:55:25	300	89	5.0	#223 NEOWISE N	2	
0051.COMP	10	04:41	10:01:00.7	+31:55:25	300	89	5.0	0 Calibration	2	
0052.test	10	04:45	15:30:00.0	+32:00:00	300	89	3.0	#223 NEOWISE N	2	
0053.test	10	04:47	15:30:00.0	+32:00:00	300	89	3.0	#223 NEOWISE N	2	
0054.snASASSN-151a	720	04:49	14:12:51.2	+35:42:40	300	89	3.0	#220 ASASSN Tr	2	300gpm, 3-sec, combo
0055.snASASSN-151a	720	05:01	14:12:51.2	+35:42:40	300	89	3.0	#220 ASASSN Tr	2	
0056.snASASSN-151a	720	05:14	14:12:51.2	+35:42:40	300	89	3.0	#220 ASASSN Tr	2	
0057.COMP	10	05:26	14:12:51.2	+35:42:40	300	89	3.0	0 Calibration	2	
0058.BDp262606	90	05:27	14:49:02.4	+25:42:09	300	89	3.0	#56 Spectropho	2	
0059.COMP	10	05:30	14:49:02.4	+25:42:09	300	89	3.0	0 Calibration	2	
0060.BDp332642	150	05:31	15:51:59.9	+32:56:54	300	89	3.0	#56 Spectropho	2	
0061.COMP	10	05:34	15:51:59.9	+32:56:54	300	89	3.0	0 Calibration	2	

UT Date 2015-06-15 Observers P BerlindColl. Focus 1380 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0062-0071.FLAT	8	05:43	16:20:00.0	+32:00:00	300	89	3.0	0 Calibration	2	
0072.BDp332642	150	05:48	15:51:59.9	+32:56:54	600	89	1.5	#56 Spectropho	4	600gpm, 1.5-sec, 445 blue
0073.COMP	10	05:51	15:51:59.9	+32:56:54	600	89	1.5	0 Calibration	4	
0074.pg1415	480	05:53	14:17:42.5	+07:42:51	600	89	1.5	#178 Low Mass	4	
0075.COMP	10	06:01	14:17:42.5	+07:42:51	600	89	1.5	0 Calibration	4	
0076.pg1415	480	06:02	14:17:42.5	+07:42:51	600	89	1.5	#178 Low Mass	4	
0077.COMP	10	06:10	14:17:42.5	+07:42:51	600	89	1.5	0 Calibration	4	
0078.pg1415	480	06:11	14:17:42.5	+07:42:51	600	89	1.5	#178 Low Mass	4	
0079.COMP	10	06:19	14:17:42.5	+07:42:51	600	89	1.5	0 Calibration	4	
0080.pg1459	120	06:50	15:01:09.0	+41:21:36	600	89	1.5	#178 Low Mass	4	
0081.COMP	10	06:53	15:01:09.0	+41:21:36	600	89	1.5	0 Calibration	4	
0082.pg1459	120	06:53	15:01:09.0	+41:21:36	600	89	1.5	#178 Low Mass	4	
0083.COMP	10	06:56	15:01:09.0	+41:21:36	600	89	1.5	0 Calibration	4	
0084.pg1459	120	06:56	15:01:09.0	+41:21:36	600	89	1.5	#178 Low Mass	4	
0085.COMP	10	06:59	15:01:09.0	+41:21:36	600	88	1.5	0 Calibration	4	
0086.bcand899	960	07:01	15:55:02.0	+24:44:22	600	88	1.5	#178 Low Mass	4	
0087.COMP	10	07:18	15:55:02.0	+24:44:22	600	88	1.5	0 Calibration	4	
0088.bcand899	960	07:18	15:55:02.0	+24:44:22	600	88	1.5	#178 Low Mass	4	
0089.COMP	10	07:34	15:55:02.0	+24:44:22	600	88	1.5	0 Calibration	4	
0090.bcand899	960	07:35	15:55:02.0	+24:44:22	600	88	1.5	#178 Low Mass	4	

UT Date 2015-06-15 Observers P BerlindColl. Focus 1380 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0091.COMP	10	07:51	15:55:02.0	+24:44:22	600	89	1.5	0 Calibration	4	
0092.galex13	600	07:57	17:17:46.6	+59:41:24	600	89	1.5	#178 Low Mass	4	
0093.COMP	10	08:07	17:17:46.6	+59:41:24	600	89	1.5	0 Calibration	4	
0094.galex13	600	08:08	17:17:46.6	+59:41:24	600	89	1.5	#178 Low Mass	4	
0095.COMP	10	08:19	17:17:46.6	+59:41:24	600	89	1.5	0 Calibration	4	
0096.galex13	600	08:19	17:17:46.6	+59:41:24	600	89	1.5	#178 Low Mass	4	
0097.COMP	10	08:30	17:17:46.6	+59:41:24	600	88	1.5	0 Calibration	4	
0098.lmwd551	840	08:35	17:35:21.7	+21:34:41	600	88	1.5	#178 Low Mass	4	
0099.COMP	10	08:50	17:35:21.7	+21:34:41	600	88	1.5	0 Calibration	4	
0100.lmwd551	840	08:51	17:35:21.7	+21:34:41	600	88	1.5	#178 Low Mass	4	
0101.COMP	10	09:05	17:35:21.7	+21:34:41	600	88	1.5	0 Calibration	4	
0102.lmwd551	840	09:05	17:35:21.7	+21:34:41	600	88	1.5	#178 Low Mass	4	
0103.COMP	10	09:20	17:35:21.7	+21:34:41	600	88	1.5	0 Calibration	4	
0104.lmwd551	840	09:20	17:35:21.7	+21:34:41	600	88	1.5	#178 Low Mass	4	
0105.COMP	10	09:35	17:35:21.7	+21:34:41	600	89	1.5	0 Calibration	4	
0106-0115.FLAT	12	09:58	20:29:23.7	+30:22:07	600	89	1.5	0 Calibration	4	
0116.test	10	10:01	20:29:23.7	+30:22:07	300	89	3.0	#57 Velocity S	4	
0117.test	10	10:02	20:29:23.7	+30:22:07	300	89	3.0	#57 Velocity S	4	
0120.snASASSN15kx	1200	10:08	22:16:11.8	+37:28:26	300	89	3.0	#2 SN Observat	2	300gpm, 3-sec, combo
0121.COMP	10	10:29	22:16:11.8	+37:28:26	300	88	3.0	0 Calibration	2	

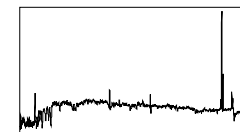
UT Date 2015-06-15 Observers P BerlindColl. Focus 1380 Grating/Grism 300

<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>
0122.BDp284211	150	10:31	21:51:11.0	+28:51:50	300	88	3.0	#56 Spectropho	2	
0123.COMP	10	10:34	21:51:11.0	+28:51:50	300	88	3.0	0 Calibration	2	
0124.BDp174708	90	10:37	22:11:31.4	+18:05:34	300	88	3.0	#56 Spectropho	2	
0125.COMP	10	10:39	22:11:31.4	+18:05:34	300	88	3.0	0 Calibration	2	
0126.CICyg	20	10:59	19:50:12.0	+35:41:02	300	88	3.0	#12 Symbiotic	2	
0127.CICyg	120	11:00	19:50:12.0	+35:41:02	300	88	3.0	#12 Symbiotic	2	
0128.COMP	10	11:02	19:50:12.0	+35:41:02	300	88	3.0	0 Calibration	2	
0129.AS360	60	11:04	19:45:49.0	+18:36:49	300	88	3.0	#12 Symbiotic	2	
0130.AS360	600	11:06	19:45:49.0	+18:36:49	300	88	3.0	#12 Symbiotic	2	
0131.COMP	10	11:16	19:45:49.0	+18:36:49	300	88	3.0	0 Calibration	2	
0132-0141.BIAS	0	11:20	19:45:49.0	+18:36:49	300	89	3.0	0 Calibration	2	
0142-0156.FLAT	7	11:26	19:45:49.0	+18:36:49	300	89	3.0	0 Calibration	2	

UT Date 2015-06-16 Observers M CalkinsColl. Focus 1380 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	02:15	10:07:16.8	+31:35:04	300	88	3.0	0 Calibration	4	
0011-0020.BIAS	0	02:35	10:07:16.8	+31:35:04	300	88	3.0	0 Calibration	4	
0021-0040.FLAT	10	02:48	10:07:16.8	+31:35:04	300	88	3.0	0 Calibration	2	
0041-0050.BIAS	0	02:57	10:07:16.8	+31:35:04	300	88	3.0	0 Calibration	2	
0051.BDp332642	120	04:19	15:51:59.9	+32:56:54	300	88	3.0	#56 Spectropho	2	
0052.COMP	10	04:22	15:51:59.9	+32:56:54	300	89	3.0	0 Calibration	2	
0053.BDp262606	90	04:24	14:49:02.4	+25:42:09	300	89	3.0	#56 Spectropho	2	
0054.COMP	10	04:27	14:49:02.4	+25:42:09	300	89	3.0	0 Calibration	2	
0055.N5866	120	04:30	15:06:29.5	+55:45:48	300	89	3.0	#57 Velocity S	2	
0056.COMP	10	04:32	15:06:29.5	+55:45:48	300	86	3.0	0 Calibration	2	
0057.snASASSN15lf	1500	04:36	12:06:45.6	+67:09:24	300	86	3.0	#220 ASASSN Tr	2	
0058.COMP	10	05:02	12:06:45.6	+67:09:24	300	89	3.0	0 Calibration	2	
0059.snASASSN15lg	1500	05:09	13:15:32.8	+03:30:02	300	89	3.0	#220 ASASSN Tr	2	
0060.COMP	10	05:40	13:15:32.8	+03:30:02	300	89	3.0	0 Calibration	2	
0061.snASASSN-151a	1500	05:43	14:12:51.2	+35:42:40	300	89	3.0	#220 ASASSN Tr	2	
0062.COMP	10	06:09	14:12:51.2	+35:42:40	300	89	3.0	0 Calibration	2	
0063.pg1415	480	06:20	14:17:42.5	+07:42:51	600	89	1.5	#178 Low Mass	4	
0064.pg1415	480	06:28	14:17:42.5	+07:42:51	600	89	1.5	#178 Low Mass	4	
0065.pg1415	480	06:36	14:17:42.5	+07:42:51	600	89	1.5	#178 Low Mass	4	
0066.COMP	10	06:45	14:17:42.5	+07:42:51	600	89	1.5	0 Calibration	4	



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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0068.pg1459	120	06:50	15:01:09.0	+41:21:36	600	89	1.5	#178 Low Mass	4	
0069.pg1459	120	06:52	15:01:09.0	+41:21:36	600	89	1.5	#178 Low Mass	4	
0070.pg1459	120	06:54	15:01:09.0	+41:21:36	600	89	1.5	#178 Low Mass	4	
0071.COMP	10	06:57	15:01:09.0	+41:21:36	600	89	1.5	0 Calibration	4	
0072.hotwd131	1200	07:00	14:56:34.7	+30:04:51	600	89	1.5	#178 Low Mass	4	
0073.hotwd131	1200	07:20	14:56:34.7	+30:04:51	600	89	1.5	#178 Low Mass	4	
0074.hotwd131	1200	07:40	14:56:34.7	+30:04:51	600	89	1.5	#178 Low Mass	4	
0075.COMP	10	08:00	14:56:34.7	+30:04:51	600	89	1.5	0 Calibration	4	
0076.dr1707	1500	08:04	17:07:16.5	+27:54:10	600	89	1.5	#178 Low Mass	4	
0077.dr1707	1500	08:29	17:07:16.5	+27:54:10	600	89	1.5	#178 Low Mass	4	
0078.dr1707	1500	08:54	17:07:16.5	+27:54:10	600	89	1.5	#178 Low Mass	4	
0079.COMP	10	09:20	17:07:16.5	+27:54:10	600	89	1.5	0 Calibration	4	
0080.lmwd469	1200	09:23	20:41:54.3	-17:57:32	600	89	1.5	#178 Low Mass	4	
0081.lmwd469	1200	09:43	20:41:54.3	-17:57:32	600	89	1.5	#178 Low Mass	4	
0082.lmwd469	1200	10:03	20:41:54.3	-17:57:32	600	89	1.5	#178 Low Mass	4	
0083.COMP	10	10:24	20:41:54.3	-17:57:32	600	89	1.5	0 Calibration	4	
0084.BDp284211	150	10:27	21:51:11.0	+28:51:50	600	89	1.5	#56 Spectropho	4	
0085.COMP	10	10:32	21:51:11.0	+28:51:50	600	88	1.5	0 Calibration	4	
0086-0095.FLAT	12	10:36	21:51:11.0	+28:51:50	600	88	1.5	0 Calibration	4	
0096.snASASSN15kx	1200	10:47	22:16:11.9	+37:28:26	300	99	3.0	#220 ASASSN Tr	2	

UT Date 2015-06-16 Observers M CalkinsColl. Focus 1380 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>
0097.COMP	10	11:08	22:16:11.9	+37:28:26	300	100	3.0	0 Calibration	2	
0098.BDp284211	150	11:13	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0099.COMP	10	11:16	21:51:11.0	+28:51:50	300	89	3.0	0 Calibration	2	
0100-0109.BIAS	0	11:29	22:11:31.4	+18:05:34	300	89	3.0	0 Calibration	2	
0110-0129.FLAT	7	11:39	22:11:31.4	+18:05:34	300	89	3.0	0 Calibration	2	
0130-0139.DARK	900	14:02	22:11:31.4	+18:05:34	300	89	3.0	0 Calibration	2	

UT Date 2015-06-17 Observers M CalkinsColl. Focus 1380 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	02:27	22:11:31.4	+18:05:34	300	89	3.0	0 Calibration	4	
0011-0020.BIAS	0	03:03	22:11:31.4	+18:05:34	300	89	3.0	0 Calibration	4	
0021-0040.FLAT	7	03:21	22:11:31.4	+18:05:34	300	89	3.0	0 Calibration	2	
0041-0050.BIAS	0	03:25	22:11:31.4	+18:05:34	300	89	3.0	0 Calibration	2	
0051.snASASSN151f	1500	03:48	12:06:45.6	+67:09:24	300	89	3.0	#220 ASASSN Tr	2	
0052.COMP	10	04:13	12:06:45.6	+67:09:24	300	89	3.0	0 Calibration	2	
0053.snASASSN151g	1500	04:19	13:15:32.8	+03:30:02	300	89	3.0	#220 ASASSN Tr	2	
0054.COMP	10	04:44	13:15:32.8	+03:30:02	300	90	3.0	0 Calibration	2	
0055.snCSS141223_2	2100	04:49	11:33:41.6	+00:43:32	300	90	3.0	#2 SN Observat	2	
0056.COMP	10	05:25	11:33:41.6	+00:43:32	300	90	3.0	0 Calibration	2	
0057.snASASSN151i	1800	05:31	14:25:07.7	+62:53:30	300	90	3.0	#220 ASASSN Tr	2	
0058.COMP	10	06:02	14:25:07.7	+62:53:30	300	90	3.0	0 Calibration	2	
0059.snPSNJ16025128	1800	06:29	16:02:51.3	+47:13:29	300	65	3.0	#2 SN Observat	2	
0060.COMP	10	07:00	16:02:51.3	+47:13:29	300	65	3.0	0 Calibration	2	
0061.BDp262606	90	07:03	14:49:02.4	+25:42:09	300	90	3.0	#56 Spectropho	2	
0062.COMP	10	07:05	14:49:02.4	+25:42:09	300	90	3.0	0 Calibration	2	
0063.BDp332642	150	07:09	15:51:59.9	+32:56:54	300	90	3.0	#56 Spectropho	2	
0064.COMP	10	07:12	15:51:59.9	+32:56:54	300	90	3.0	0 Calibration	2	
0065.snps15ahs	2400	07:20	17:59:29.8	+43:23:24	300	81	3.0	#2 SN Observat	2	
0066.COMP	10	08:00	17:59:29.8	+43:23:24	300	79	3.0	0 Calibration	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0067.LSPMJ1527+3714	600	08:10	15:27:24.2	+37:14:15	600	89	2.0	#222 M dwarfs	2	need more counts
0068.COMP	10	08:21	15:27:24.2	+37:14:15	600	90	2.0	0 Calibration	2	
0069.LSPMJ1527+3714	1800	08:22	15:27:24.2	+37:14:15	600	90	2.0	#222 M dwarfs	2	
0070.COMP	10	08:55	15:27:24.2	+37:14:15	600	90	2.0	0 Calibration	2	
0071.LSPMJ1631+4051	420	08:57	16:31:18.8	+40:51:52	600	90	2.0	#222 M dwarfs	2	
0072.COMP	10	09:05	16:31:18.8	+40:51:52	600	90	2.0	0 Calibration	2	
0073.LSPMJ1635+3547	420	09:06	16:35:14.0	+35:47:21	600	90	2.0	#222 M dwarfs	2	
0074.COMP	10	09:14	16:35:14.0	+35:47:21	600	90	2.0	0 Calibration	2	
0075.LSPMJ1645+0444	1800	09:17	16:45:43.3	+04:44:40	600	90	2.0	#222 M dwarfs	2	
0076.COMP	10	09:47	16:45:43.3	+04:44:40	600	90	2.0	0 Calibration	2	
0077.PM_I20357-1242	1500	09:53	20:35:44.2	-12:42:50	600	95	2.0	#222 M dwarfs	2	
0078.COMP	10	10:19	20:35:44.2	-12:42:50	600	94	2.0	0 Calibration	2	
0079.LSPMJ2038+6349	1500	10:24	20:38:16.1	+63:49:37	600	91	2.0	#222 M dwarfs	2	
0080.COMP	10	10:49	20:38:16.1	+63:49:37	600	90	2.0	0 Calibration	2	
0081.BDp174708	360	10:55	22:11:31.4	+18:05:34	600	89	2.0	#56 Spectropho	2	
0082.COMP	10	11:01	22:11:31.4	+18:05:34	600	89	2.0	0 Calibration	2	
0083-0092.FLAT	12	11:37	22:11:31.4	+18:05:34	600	89	2.0	0 Calibration	2	
0093-0102.BIAS	0	11:41	22:11:31.4	+18:05:34	600	89	2.0	0 Calibration	2	
0103-0112.DARK	900	14:05	22:11:31.4	+18:05:34	300	89	3.0	0 Calibration	2	

UT Date 2015-06-18 Observers M CalkinsColl. Focus 1380 Grating/Grism 300

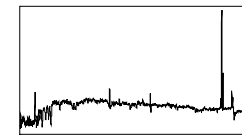
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	02:53	22:11:31.4	+18:05:34	300	89	3.0	0 Calibration	4	
0011-0020.BIAS	0	03:13	22:11:31.4	+18:05:34	300	89	3.0	0 Calibration	4	
0021-0040.FLAT	10	03:45	13:50:12.7	+31:34:57	300	88	3.0	0 Calibration	2	
0041-0050.BIAS	0	03:47	13:50:12.7	+31:34:57	300	88	3.0	0 Calibration	2	
0051.snngc27702015	1500	03:52	09:09:35.0	+33:07:20	300	91	3.0	#2 SN Observat	2	
0052.COMP	10	04:18	09:09:35.0	+33:07:20	300	91	3.0	0 Calibration	2	
0053.snASASSN15lg	1500	04:51	13:15:32.8	+03:30:02	300	91	3.0	#220 ASASSN Tr	2	
0054.COMP	10	05:17	13:15:32.8	+03:30:02	300	90	3.0	0 Calibration	2	
0055.snASASSN-151a	1500	05:21	14:12:51.2	+35:42:40	300	90	3.0	#220 ASASSN Tr	2	
0056.COMP	10	05:47	14:12:51.2	+35:42:40	300	90	3.0	0 Calibration	2	
0057.snPSN162838	2100	05:50	16:28:38.4	+39:32:55	300	90	3.0	#2 SN Observat	2	
0058.COMP	10	06:26	16:28:38.4	+39:32:55	300	87	3.0	0 Calibration	2	
0059.BDp262606	90	06:28	14:49:02.4	+25:42:09	300	87	3.0	#56 Spectropho	2	
0060.COMP	10	06:30	14:49:02.4	+25:42:09	300	87	3.0	0 Calibration	2	
0061.BDp332642	180	06:34	15:51:59.9	+32:56:54	300	87	3.0	#56 Spectropho	2	
0062.COMP	10	06:37	15:51:59.9	+32:56:54	300	87	3.0	0 Calibration	2	
0063.LSPMJ1707+4700	480	07:49	17:07:51.1	+47:00:18	600	90	2.0	#222 M dwarfs	2	
0064.COMP	10	07:57	17:07:51.1	+47:00:18	600	90	2.0	0 Calibration	2	
0065.LSPMJ1718+2555	1080	07:59	17:18:31.7	+25:55:05	600	90	2.0	#222 M dwarfs	2	
0066.COMP	10	08:18	17:18:31.7	+25:55:05	600	90	2.0	0 Calibration	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0067.LSPMJ1730+3344	480	08:19	17:30:26.7	+33:44:52	600	90	2.0	#222 M dwarfs	2	
0068.COMP	10	08:28	17:30:26.7	+33:44:52	600	91	2.0	0 Calibration	2	
0069.LSPMJ1731+3504	1500	08:29	17:31:04.0	+35:04:08	600	91	2.0	#222 M dwarfs	2	
0070.COMP	10	08:56	17:31:04.0	+35:04:08	600	90	2.0	0 Calibration	2	
0071.LSPMJ1731+8205	600	09:01	17:31:17.2	+82:05:20	600	90	2.0	#222 M dwarfs	2	
0072.COMP	10	09:11	17:31:17.2	+82:05:20	600	90	2.0	0 Calibration	2	
0073.LSPMJ1739+6928	1500	09:13	17:39:28.4	+69:28:03	600	90	2.0	#222 M dwarfs	2	
0074.COMP	10	09:46	17:39:28.4	+69:28:03	600	90	2.0	0 Calibration	2	
0075.LSPMJ1757+5025	1800	09:48	17:57:35.6	+50:25:28	600	90	2.0	#222 M dwarfs	2	
0076.COMP	10	10:18	17:57:35.6	+50:25:28	600	90	2.0	0 Calibration	2	
0077.BDp174708	120	10:22	22:11:31.4	+18:05:34	600	90	2.0	#56 Spectropho	2	
0078.COMP	10	10:24	22:11:31.4	+18:05:34	600	90	2.0	0 Calibration	2	
0079.FLAT	12	10:27	22:11:31.4	+18:05:34	600	90	2.0	0 Calibration	2	FLAT
0080-0088.FLAT	12	10:30	22:11:31.4	+18:05:34	600	90	2.0	0 Calibration	2	
0089.snASASSN15kx	1200	10:39	22:16:11.9	+37:28:26	300	90	3.0	#220 ASASSN Tr	2	
0090.COMP	10	11:12	22:16:11.9	+37:28:26	300	89	3.0	0 Calibration	2	
0091.BDp174708	120	11:17	22:11:31.4	+18:05:34	300	89	3.0	#56 Spectropho	2	
0092.COMP	10	11:19	22:11:31.4	+18:05:34	300	89	3.0	0 Calibration	2	
0093.BDp284211	150	11:20	21:51:11.0	+28:51:50	300	89	3.0	#56 Spectropho	2	
0094.COMP	10	11:23	21:51:11.0	+28:51:50	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>
0095-0104.BIAS	0	11:27	21:51:11.0	+28:51:50	300	90	3.0	0 Calibration	2	
0105-0124.FLAT	10	11:35	21:51:11.0	+28:51:50	300	90	3.0	0 Calibration	2	
0125-0134.DARK	900	14:38	21:51:11.0	+28:51:50	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
0001-0005.DARK	900	21:50	07:07:42.6	+31:32:12	300	90	3.0	0 Calibration	2	
0006-0010.DARK	900	00:47	07:07:42.6	+31:32:12	300	90	3.0	0 Calibration	4	
0011-0020.BIAS	0	01:50	07:07:42.6	+31:32:12	300	90	3.0	0 Calibration	4	
0021-0030.FLAT	4	01:52	07:07:42.6	+31:32:12	300	90	3.0	0 Calibration	4	
0031-0040.BIAS	0	01:54	07:07:42.6	+31:32:12	300	90	3.0	0 Calibration	2	
0041-0048.FLAT	7	01:56	07:07:42.6	+31:32:12	300	90	3.0	0 Calibration	2	
0048.snASASSN-151gq.ms	1200	03:33	13:15:32.8	+03:30:02	300	87	3.0	#220 ASASSN Tr	1	
0049-0050.FLAT	7	01:57	07:07:42.6	+31:32:12	300	90	3.0	0 Calibration	2	
0050.snASASSN-151aq.ms	1200	04:09	14:12:51.2	+35:42:40	300	89	3.0	#220 ASASSN Tr	1	
0051.FLAT	7	01:57	07:07:42.6	+31:32:12	300	90	3.0	0 Calibration	2	
0052.BDp332642q.ms	120	04:33	15:51:59.9	+32:56:54	300	89	3.0	#56 Spectropho	1	
0052-0055.FLAT	7	01:58	07:07:42.6	+31:32:12	300	90	3.0	0 Calibration	2	
0056-0057.sky	5	02:31	07:07:42.6	+31:32:12	300	90	3.0	#56 Spectropho	2	
0058-0062.sky	2	02:45	07:07:42.6	+31:32:12	300	90	3.0	#56 Spectropho	2	
0063.COMP	5	02:47	07:07:42.6	+31:32:12	300	90	3.0	0 Calibration	2	
0064.sky	3	02:50	07:07:42.6	+31:32:12	300	90	3.0	#56 Spectropho	2	
0065.sky	4	02:50	07:07:42.6	+31:32:12	300	90	3.0	#56 Spectropho	2	
0066.sky	5	02:51	07:07:42.6	+31:32:12	300	90	3.0	#56 Spectropho	2	
0067.COMP	5	02:52	07:07:42.6	+31:32:12	300	90	3.0	0 Calibration	2	
0068.N4853	30	03:30	12:58:35.2	+27:35:47	300	90	3.0	#57 Velocity S	2	



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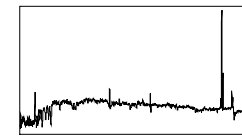
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0068.N4853q.ms	30	03:30	12:58:35.2	+27:35:47	300	90	3.0	#57 Velocity S	1	
0069.COMP	5	03:32	12:58:35.2	+27:35:47	300	90	3.0	0 Calibration	2	
0070.N4853	180	03:33	12:58:35.2	+27:35:47	300	90	3.0	#57 Velocity S	2	
0070.N4853q.ms	180	03:33	12:58:35.2	+27:35:47	300	90	3.0	#57 Velocity S	1	
0071.COMP	5	03:36	12:58:35.2	+27:35:47	300	90	3.0	0 Calibration	2	
0072.snASASSN-151g	60	04:03	13:15:32.8	+03:30:02	300	90	3.0	#220 ASASSN Tr	2	
0072.snASASSN-151gq.ms	60	04:03	13:15:32.8	+03:30:02	300	90	3.0	#220 ASASSN Tr	1	
0073.COMP	5	04:05	13:15:32.8	+03:30:02	300	90	3.0	0 Calibration	2	
0074.snASASSN-151g	1200	04:06	13:15:32.8	+03:30:02	300	90	3.0	#220 ASASSN Tr	2	
0074.snASASSN-151gq.ms	1200	04:06	13:15:32.8	+03:30:02	300	90	3.0	#220 ASASSN Tr	1	
0075.COMP	5	04:26	13:15:32.8	+03:30:02	300	90	3.0	0 Calibration	2	
0076.snASASSN-151a	1200	04:28	14:12:51.2	+35:42:40	300	90	3.0	#220 ASASSN Tr	2	
0076.snASASSN-151aq.ms	1200	04:28	14:12:51.2	+35:42:40	300	90	3.0	#220 ASASSN Tr	1	
0077.COMP	5	04:49	14:12:51.2	+35:42:40	300	90	3.0	0 Calibration	2	
0078.TXCVn	10	04:57	12:44:42.0	+36:45:48	300	90	3.0	#12 Symbiotic	2	
0078.TXCVnq.ms	10	04:57	12:44:42.0	+36:45:48	300	90	3.0	#12 Symbiotic	1	
0079.COMP	5	04:58	12:44:42.0	+36:45:48	300	90	3.0	0 Calibration	2	
0080.TXCVn	30	04:58	12:44:42.0	+36:45:48	300	90	3.0	#12 Symbiotic	2	
0080.TXCVnq.ms	30	04:58	12:44:42.0	+36:45:48	300	90	3.0	#12 Symbiotic	1	
0081.COMP	5	04:59	12:44:42.0	+36:45:48	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
0082.BDp332642	120	05:04	15:51:59.9	+32:56:54	300	90	3.0	#56 Spectropho	2	
0082.BDp332642q.ms	120	05:04	15:51:59.9	+32:56:54	300	90	3.0	#56 Spectropho	1	
0083.COMP	5	05:07	15:51:59.9	+32:56:54	300	90	3.0	0 Calibration	2	
0084.BDp262606	90	05:09	14:49:02.4	+25:42:09	300	90	3.0	#56 Spectropho	2	
0085.COMP	5	05:11	14:49:02.4	+25:42:09	300	90	3.0	0 Calibration	2	
0086.TCrB	15	05:14	15:59:30.0	+25:55:12	300	90	3.0	#12 Symbiotic	2	
0086.TCrBq.ms	15	05:14	15:59:30.0	+25:55:12	300	90	3.0	#12 Symbiotic	1	
0087.COMP	5	05:15	15:59:30.0	+25:55:12	300	90	3.0	0 Calibration	2	
0088.TCrB	60	05:16	15:59:30.0	+25:55:12	300	90	3.0	#12 Symbiotic	2	
0088.TCrBq.ms	60	05:16	15:59:30.0	+25:55:12	300	90	3.0	#12 Symbiotic	1	
0089.COMP	5	05:17	15:59:30.0	+25:55:12	300	90	3.0	0 Calibration	2	
0090.AGDra	2	05:33	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0090.AGDraq.ms	2	05:33	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	1	
0091.COMP	5	05:34	16:01:41.0	+66:48:10	300	90	3.0	0 Calibration	2	
0092.AGDra	15	05:35	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0092.AGDraq.ms	15	05:35	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	1	
0093.COMP	5	05:36	16:01:41.0	+66:48:10	300	90	3.0	0 Calibration	2	
0094.AGDra	60	05:36	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0094.AGDraq.ms	60	05:36	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	1	
0095.COMP	5	05:38	16:01:41.0	+66:48:10	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
0096.BDp262606	90	06:01	14:49:02.4	+25:42:09	600	90	3.0	#222 M dwarfs	2	
0096.BDp262606q.ms	90	06:01	14:49:02.4	+25:42:09	600	90	3.0	#222 M dwarfs	1	
0097.COMP	10	06:03	14:49:02.4	+25:42:09	600	90	3.0	0 Calibration	2	
0098.LSPMJ1602+0131	1800	06:11	16:02:41.6	+01:31:58	600	90	3.0	#222 M dwarfs	2	
0098.LSPMJ1602+0131q.ms	1800	06:11	16:02:41.6	+01:31:58	600	90	3.0	#222 M dwarfs	1	
0099.COMP	10	06:42	16:02:41.6	+01:31:58	600	90	3.0	0 Calibration	2	
0100.LSPMJ1833+2219	2000	06:47	18:33:14.8	+22:19:18	600	90	3.0	#222 M dwarfs	2	
0100.LSPMJ1833+2219q.ms	2000	06:47	18:33:14.8	+22:19:18	600	90	3.0	#222 M dwarfs	1	
0101.COMP	10	07:21	18:33:14.8	+22:19:18	600	90	3.0	0 Calibration	2	
0102.LSPMJ1856+4622	1500	07:30	18:56:26.3	+46:22:54	600	90	3.0	#222 M dwarfs	2	
0102.LSPMJ1856+4622q.ms	1500	07:30	18:56:26.3	+46:22:54	600	90	3.0	#222 M dwarfs	1	
0103.COMP	10	07:56	18:56:26.3	+46:22:54	600	89	3.0	0 Calibration	2	
0104.galex12	300	08:14	15:09:57.6	+62:13:34	600	89	1.5	#178 Low Mass	4	
0104.galex12q.ms	300	08:14	15:09:57.6	+62:13:34	600	89	1.5	#178 Low Mass	1	
0105.galex12	300	08:21	15:09:57.6	+62:13:34	600	89	1.5	#178 Low Mass	4	
0106.galex12	300	08:26	15:09:57.6	+62:13:34	600	89	1.5	#178 Low Mass	4	
0106.galex12q.ms	300	08:26	15:09:57.6	+62:13:34	600	89	1.5	#178 Low Mass	1	
0107.COMP	10	08:31	15:09:57.6	+62:13:34	600	89	1.5	0 Calibration	4	
0108.BDp284211	300	08:35	21:51:11.0	+28:51:50	600	89	1.5	#56 Spectropho	4	
0108.BDp284211q.ms	300	08:35	21:51:11.0	+28:51:50	600	89	1.5	#56 Spectropho	1	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0109.COMP	10	08:41	21:51:11.0	+28:51:50	600	89	1.5	0 Calibration	4	
0110.hs2220ab	780	08:52	22:23:01.7	+22:01:25	600	89	1.5	#178 Low Mass	4	
0110.hs2220abq.ms	780	08:52	22:23:01.7	+22:01:25	600	89	1.5	#178 Low Mass	1	
0111.hs2220ab	780	09:06	22:23:01.7	+22:01:25	600	89	1.5	#178 Low Mass	4	
0112.hs2220ab	780	09:19	22:23:01.7	+22:01:25	600	89	1.5	#178 Low Mass	4	
0112.hs2220abq.ms	780	09:19	22:23:01.7	+22:01:25	600	89	1.5	#178 Low Mass	1	
0113.COMP	10	09:35	22:23:01.7	+22:01:25	600	89	1.5	0 Calibration	4	
0114.snASASSN-15kx	1200	09:49	22:16:11.9	+37:28:26	300	89	3.0	#220 ASASSN Tr	4	
0114.snASASSN-15kxq.ms	1200	09:49	22:16:11.9	+37:28:26	300	89	3.0	#220 ASASSN Tr	1	
0115.COMP	5	10:10	22:16:11.9	+37:28:26	300	88	3.0	0 Calibration	4	
0116.snASASSN-15kx	1200	10:12	22:16:11.9	+37:28:26	300	88	3.0	#220 ASASSN Tr	2	
0116.snASASSN-15kxq.ms	1200	10:12	22:16:11.9	+37:28:26	300	88	3.0	#220 ASASSN Tr	1	
0117.COMP	5	10:33	22:16:11.9	+37:28:26	300	88	3.0	0 Calibration	2	
0118.21423821+6115259	1200	10:42	21:42:38.2	+61:15:26	300	88	3.0	#141 2MASS Red	2	
0118.21423821+6115259q.ms	1200	10:42	21:42:38.2	+61:15:26	300	88	3.0	#141 2MASS Red	1	
0119.COMP	5	11:04	21:42:38.2	+61:15:26	300	87	3.0	0 Calibration	2	
0120-0129.BIAS	0	11:10	21:42:38.2	+61:15:26	300	87	3.0	0 Calibration	4	
0130-0139.FLAT	4	11:12	21:42:38.2	+61:15:26	300	87	3.0	0 Calibration	4	
0140-0149.BIAS	0	11:14	21:42:38.2	+61:15:26	300	87	3.0	0 Calibration	2	
0150-0164.FLAT	7	11:18	21:42:38.2	+61:15:26	300	87	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>
0165-0169.DARK	900	12:22	21:42:38.2	+61:15:26	300	87	3.0	0 Calibration	4	
comp300+600.ms	10	05:47	10:39:36.9	+43:06:11	300	90	3.0	#56 Spectropho	1	

UT Date 2015-06-20 Observers FalcoColl. Focus 1380 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0004.DARK	900	21:49	21:42:38.2	+61:15:26	300	87	3.0	0 Calibration	2	
0004.DARKq.ms	900	21:49	21:42:38.2	+61:15:26	300	87	3.0	#141 2MASS Red	1	
0005.DARK	900	22:04	21:42:38.2	+61:15:26	300	87	3.0	0 Calibration	2	
0006-0010.DARK	900	23:21	21:42:38.2	+61:15:26	300	87	3.0	0 Calibration	4	
0011-0020.BIAS	0	01:21	21:42:38.2	+61:15:26	300	87	3.0	0 Calibration	4	
0021-0030.BIAS	0	01:25	21:42:38.2	+61:15:26	300	87	3.0	0 Calibration	2	
0031-0045.FLAT	7	01:31	21:42:38.2	+61:15:26	300	87	3.0	0 Calibration	2	
0046.test	5	03:23	13:47:32.5	+49:18:48	300	87	3.0	#57 Velocity S	2	
0047.NEW	10	03:27	13:47:32.5	+49:18:48	300	87	3.0	#57 Velocity S	2	
0048.snASASSN-151g	1200	03:33	13:15:32.8	+03:30:02	300	87	3.0	#220 ASASSN Tr	2	
0049.COMP	5	04:01	13:15:32.8	+03:30:02	300	89	3.0	0 Calibration	2	
0050.snASASSN-151a	1200	04:09	14:12:51.2	+35:42:40	300	89	3.0	#220 ASASSN Tr	2	
0051.COMP	5	04:30	14:12:51.2	+35:42:40	300	89	3.0	0 Calibration	2	
0052.BDp332642	120	04:33	15:51:59.9	+32:56:54	300	89	3.0	#56 Spectropho	2	
0053.COMP	5	04:36	15:51:59.9	+32:56:54	300	89	3.0	0 Calibration	2	
0054.BDp262606	90	04:37	14:49:02.4	+25:42:09	300	89	3.0	#56 Spectropho	2	
0055.COMP	5	04:40	14:49:02.4	+25:42:09	300	89	3.0	0 Calibration	2	
0056.lmwd551	840	04:57	17:35:21.7	+21:34:41	600	89	3.0	#178 Low Mass	4	
0056.lmwd551q.ms	840	04:57	17:35:21.7	+21:34:41	600	89	3.0	#178 Low Mass	1	
0057.lmwd551	840	05:11	17:35:21.7	+21:34:41	600	89	1.5	#178 Low Mass	4	

UT Date 2015-06-20 Observers FalcoColl. Focus 1380 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0057.lmwd551q.ms	840	05:11	17:35:21.7	+21:34:41	600	89	1.5	#178 Low Mass	1	
0058.lmwd551	840	05:25	17:35:21.7	+21:34:41	600	89	1.5	#178 Low Mass	4	
0059.lmwd551	840	05:39	17:35:21.7	+21:34:41	600	89	1.5	#178 Low Mass	4	
0060.COMP	10	05:54	17:35:21.7	+21:34:41	600	89	1.5	0 Calibration	4	
0061-0067.FLAT	12	06:36	17:35:21.7	+21:34:41	600	89	1.5	0 Calibration	4	
0068.COMP	5	06:48	17:35:21.7	+21:34:41	300	89	3.0	0 Calibration	2	
0069.COMP	5	06:50	17:35:21.7	+21:34:41	300	89	3.0	0 Calibration	2	
0070.AWI0005bew	600	06:56	17:07:37.2	-06:26:07	300	89	3.0	#219 Disk Dete	2	
0070.AWI0005bewq.ms	600	06:56	17:07:37.2	-06:26:07	300	89	3.0	#219 Disk Dete	1	
0071.COMP	5	07:07	17:07:37.2	-06:26:07	300	89	3.0	0 Calibration	2	
0072.AWI0005bgp	300	07:10	17:14:36.8	-04:29:04	300	89	3.0	#219 Disk Dete	2	
0073.COMP	5	07:16	17:14:36.8	-04:29:04	300	89	3.0	0 Calibration	2	
0074.AWI0005cm2	600	07:21	17:17:40.0	+00:18:23	300	89	3.0	#219 Disk Dete	2	
0074.AWI0005cm2q.ms	600	07:21	17:17:40.0	+00:18:23	300	89	3.0	#219 Disk Dete	1	
0075.COMP	5	07:32	17:17:40.0	+00:18:23	300	89	3.0	0 Calibration	2	
0076.AWI0005bm0	720	07:34	17:39:23.3	+01:54:11	300	89	3.0	#219 Disk Dete	2	
0076.AWI0005bm0q.ms	720	07:34	17:39:23.3	+01:54:11	300	89	3.0	#219 Disk Dete	1	
0077.COMP	5	07:47	17:39:23.3	+01:54:11	300	89	3.0	0 Calibration	2	
0078.snASASSN-15kx	1200	07:53	22:16:11.9	+37:28:26	300	89	3.0	#220 ASASSN Tr	2	
0078.snASASSN-15kxq.ms	1200	07:53	22:16:11.9	+37:28:26	300	89	3.0	#220 ASASSN Tr	1	

UT Date 2015-06-20 Observers FalcoColl. Focus 1380 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0079.COMP	5	08:13	22:16:11.9	+37:28:26	300	87	3.0	0 Calibration	2	
0080.19114702-0521294	1500	08:40	19:11:47.0	-05:21:29	300	87	3.0	#141 2MASS Red	2	
0080.19114702-0521294q.ms	1500	08:40	19:11:47.0	-05:21:29	300	87	3.0	#141 2MASS Red	1	
0081.COMP	5	09:05	19:11:47.0	-05:21:29	300	90	3.0	0 Calibration	2	
0082.snASASSN-151o	1200	09:16	22:53:33.9	+19:42:30	300	90	3.0	#220 ASASSN Tr	2	
0082.snASASSN-151oq.ms	1200	09:16	22:53:33.9	+19:42:30	300	90	3.0	#220 ASASSN Tr	1	
0083.COMP	5	09:36	22:53:33.9	+19:42:30	300	90	3.0	0 Calibration	2	
0084.lmwd480	730	09:50	21:39:07.4	+22:27:09	600	90	1.0	#178 Low Mass	4	
0084.lmwd480q.ms	730	09:50	21:39:07.4	+22:27:09	600	90	1.0	#178 Low Mass	1	
0085.lmwd480	730	10:02	21:39:07.4	+22:27:09	600	90	1.0	#178 Low Mass	4	
0086.COMP	10	10:15	21:39:07.4	+22:27:09	600	89	1.0	0 Calibration	4	
0087.BDp404032	240	10:18	20:08:24.1	+41:15:04	600	89	1.0	#56 Spectropho	4	
0087.BDp404032q.ms	240	10:18	20:08:24.1	+41:15:04	600	89	1.0	#56 Spectropho	1	
0088.COMP	10	10:23	20:08:24.1	+41:15:04	600	89	1.0	0 Calibration	4	
0089.20590023+5736504	1200	10:40	20:59:00.2	+57:36:50	300	89	3.0	#141 2MASS Red	2	
0089.20590023+5736504q.ms	1200	10:40	20:59:00.2	+57:36:50	300	89	3.0	#141 2MASS Red	1	
0090.COMP	5	11:01	20:59:00.2	+57:36:50	300	88	3.0	0 Calibration	2	
0091-0100.BIAS	0	11:13	20:59:00.2	+57:36:50	300	88	3.0	0 Calibration	4	
0101-0110.FLAT	4	11:15	20:59:00.2	+57:36:50	300	88	3.0	0 Calibration	4	
0111-0120.BIAS	0	11:17	20:59:00.2	+57:36:50	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>
0121-0135.FLAT	7	11:22	20:59:00.2	+57:36:50	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	
comp600+440.ms	5	08:44	11:13:04.3	+11:23:36	600	90	2.0	#166 Hyper Vel	1	

UT Date 2015-06-21 Observers FalcoColl. Focus 1380 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0002.DARK	900	03:01	13:16:31.4	+31:35:15	300	90	3.0	0 Calibration	4	
0003-0012.BIAS	0	03:29	13:16:31.4	+31:35:15	300	90	3.0	0 Calibration	4	
0013-0032.FLAT	8	03:36	13:16:31.4	+31:35:15	300	90	3.0	0 Calibration	2	
0033-0042.BIAS	0	03:40	13:16:31.4	+31:35:15	300	90	3.0	0 Calibration	2	
0043.BDp262606	90	03:45	14:49:02.4	+25:42:09	300	90	3.0	#56 Spectropho	2	
0044.COMP	10	03:47	14:49:02.4	+25:42:09	300	90	3.0	0 Calibration	2	
0045.BDp332642	150	03:51	15:51:59.9	+32:56:54	300	90	3.0	#56 Spectropho	2	
0046.COMP	10	03:54	15:51:59.9	+32:56:54	300	88	3.0	0 Calibration	2	
0047.snCSS141223_2	2400	03:58	11:33:41.6	+00:43:32	300	88	3.0	#2 SN Observat	2	
0048.COMP	10	04:38	11:33:41.6	+00:43:32	300	90	3.0	0 Calibration	2	
0049.snASASSN-15lg	1200	04:41	13:15:32.8	+03:30:02	300	90	3.0	#220 ASASSN Tr	2	
0050.COMP	10	05:01	13:15:32.8	+03:30:02	300	89	3.0	0 Calibration	2	
0051.snASASSN-15la	1200	05:04	14:12:51.2	+35:42:40	300	89	3.0	#220 ASASSN Tr	2	
0052.COMP	10	05:25	14:12:51.2	+35:42:40	300	89	3.0	0 Calibration	2	
0053.snPSNJ16025128	1500	05:27	16:02:51.3	+47:13:29	300	76	3.0	#2 SN Observat	2	
0054.COMP	10	05:53	16:02:51.3	+47:13:29	300	75	3.0	0 Calibration	2	
0055.snPSN162838	2400	05:57	16:28:38.4	+39:32:55	300	90	3.0	#2 SN Observat	2	
0056.COMP	10	06:38	16:28:38.4	+39:32:55	300	90	3.0	0 Calibration	2	
0057.LSPMJ1420+1218	1500	06:48	14:20:55.4	+12:18:07	600	89	2.0	#222 M dwarfs	2	
0058.COMP	10	07:14	14:20:55.4	+12:18:07	600	90	2.0	0 Calibration	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0059.LSPMJ1454+4108	720	07:16	14:54:54.9	+41:08:48	600	89	2.0	#222 M dwarfs	2	
0060.COMP	10	07:29	14:54:54.9	+41:08:48	600	89	2.0	0 Calibration	2	
0061.LSPMJ1459+3618W	1320	07:31	14:59:25.1	+36:18:32	600	89	2.0	#222 M dwarfs	2	
0062.COMP	10	07:54	14:59:25.1	+36:18:32	600	90	2.0	0 Calibration	2	
0063.LSPMJ1815+8323	1800	07:57	18:15:47.6	+83:23:30	600	90	2.0	#222 M dwarfs	2	
0064.COMP	10	08:28	18:15:47.6	+83:23:30	600	89	2.0	0 Calibration	2	
0065.LSPMJ1837+2030	1800	08:31	18:37:31.8	+20:30:42	600	90	2.0	#222 M dwarfs	2	
0066.COMP	10	09:01	18:37:31.8	+20:30:42	600	89	2.0	0 Calibration	2	
0067.LSPMJ1859+0829	1500	09:03	18:59:38.9	+08:29:00	600	89	2.0	#222 M dwarfs	2	
0068.COMP	10	09:28	18:59:38.9	+08:29:00	600	89	2.0	0 Calibration	2	
0069.LSPMJ2041+4938	1200	09:31	20:41:47.4	+49:38:48	600	89	2.0	#222 M dwarfs	2	
0070.COMP	10	09:51	20:41:47.4	+49:38:48	600	80	2.0	0 Calibration	2	
0071.HD192281	6	09:53	20:12:33.1	+40:16:05	600	80	2.0	#56 Spectropho	2	
0072.COMP	10	09:53	20:12:33.1	+40:16:05	600	80	2.0	0 Calibration	2	
0073-0082.FLAT	12	09:59	20:12:33.1	+40:16:05	600	80	2.0	0 Calibration	2	
0083.COMP	5	10:03	20:12:33.1	+40:16:05	300	80	3.0	0 Calibration	2	test
0084.COMP	5	10:04	20:12:33.1	+40:16:05	300	80	3.0	0 Calibration	2	test
0085.COMP	5	10:06	20:12:33.1	+40:16:05	300	80	3.0	0 Calibration	2	test
0086.snASASSN-15hy	1200	10:11	20:10:02.4	-00:44:21	300	80	3.0	#220 ASASSN Tr	2	
0087.COMP	10	10:31	20:10:02.4	-00:44:21	300	89	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>
0088.snASASSN-15kx	1200	10:34	22:16:11.9	+37:28:26	300	95	3.0	#220 ASASSN Tr	2	
0089.COMP	10	10:54	22:16:11.9	+37:28:26	300	95	3.0	0 Calibration	2	
0090.BDp174708	90	10:57	22:11:31.4	+18:05:34	300	91	3.0	#56 Spectropho	2	
0091.COMP	10	10:59	22:11:31.4	+18:05:34	300	86	3.0	0 Calibration	2	
0092.BDp284211	150	11:01	21:51:11.0	+28:51:50	300	86	3.0	#56 Spectropho	2	
0093.COMP	10	11:05	21:51:11.0	+28:51:50	300	87	3.0	0 Calibration	2	
0094.N7331	180	11:07	22:37:04.1	+34:24:56	300	87	3.0	#57 Velocity S	2	
0095.COMP	10	11:13	22:37:04.1	+34:24:56	300	91	3.0	0 Calibration	2	
0096-0105.BIAS	0	11:19	22:37:04.1	+34:24:56	300	91	3.0	0 Calibration	2	
0106-0125.FLAT	8	11:27	22:37:04.1	+34:24:56	300	91	3.0	0 Calibration	2	
0126-0135.DARK	900	13:50	22:37:04.1	+34:24:56	300	91	3.0	0 Calibration	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	01:14	22:37:04.1	+34:24:56	300	91	3.0	0 Calibration	4	
0011-0020.BIAS	0	03:13	22:37:04.1	+34:24:56	300	91	3.0	0 Calibration	4	
0021-0040.FLAT	8	03:21	22:37:04.1	+34:24:56	300	91	3.0	0 Calibration	2	
0041-0050.BIAS	0	03:25	22:37:04.1	+34:24:56	300	91	3.0	0 Calibration	2	
0051.BDp262606	90	03:34	14:49:02.4	+25:42:09	300	91	3.0	#56 Spectropho	2	
0052.COMP	10	03:37	14:49:02.4	+25:42:09	300	91	3.0	0 Calibration	2	
0053.BDp332642	150	03:40	15:51:59.9	+32:56:54	300	91	3.0	#56 Spectropho	2	
0054.COMP	10	03:43	15:51:59.9	+32:56:54	300	90	3.0	0 Calibration	2	
0055.N5866	180	03:45	15:06:29.5	+55:45:48	300	90	3.0	#57 Velocity S	2	
0056.COMP	10	03:49	15:06:29.5	+55:45:48	300	90	3.0	0 Calibration	2	
0057.snJ11473508	1800	03:52	11:47:35.1	+55:58:15	300	91	3.0	#2 SN Observat	2	
0058.COMP	10	04:23	11:47:35.1	+55:58:15	300	90	3.0	0 Calibration	2	
0059.snASASSN-15lg	1500	04:33	13:15:32.8	+03:30:02	300	90	3.0	#220 ASASSN Tr	2	
0060.COMP	10	04:58	13:15:32.8	+03:30:02	300	91	3.0	0 Calibration	2	
0061.snASASSN-15la	1200	05:02	14:12:51.2	+35:42:40	300	91	3.0	#220 ASASSN Tr	2	
0062.COMP	10	05:24	14:12:51.2	+35:42:40	300	91	3.0	0 Calibration	2	
0063.snPSNJ16025128	1800	05:31	16:02:51.3	+47:13:29	300	71	3.0	#2 SN Observat	2	
0064.COMP	10	06:02	16:02:51.3	+47:13:29	300	70	3.0	0 Calibration	2	
0065.snps15ahs	2400	06:08	17:59:29.8	+43:23:24	300	69	3.0	#2 SN Observat	2	
0066.COMP	10	06:48	17:59:29.8	+43:23:24	300	69	3.0	0 Calibration	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0067.AS210	5	06:53	16:51:20.3	-26:00:33	300	89	3.0	#12 Symbiotic	2	
0068.AS210	300	06:55	16:51:20.3	-26:00:33	300	89	3.0	#12 Symbiotic	2	
0069.COMP	10	07:00	16:51:20.3	-26:00:33	300	90	3.0	0 Calibration	2	
0070.Hen1341	12	07:02	17:08:36.0	-17:26:30	300	90	3.0	#12 Symbiotic	2	
0071.Hen1341	30	07:02	17:08:36.0	-17:26:30	300	90	3.0	#12 Symbiotic	2	
0072.Hen1341	60	07:03	17:08:36.0	-17:26:30	300	90	3.0	#12 Symbiotic	2	
0073.COMP	10	07:04	17:08:36.0	-17:26:30	300	89	3.0	0 Calibration	2	
0074.DracoC1	1500	07:08	17:19:58.0	+57:50:06	300	89	3.0	#12 Symbiotic	2	
0075.COMP	10	07:34	17:19:58.0	+57:50:06	300	87	3.0	0 Calibration	2	
0076.RSOph	10	07:37	17:50:13.0	-06:42:30	300	87	3.0	#12 Symbiotic	2	
0077.RSOph	60	07:37	17:50:13.0	-06:42:30	300	87	3.0	#12 Symbiotic	2	
0078.RSOph	150	07:38	17:50:13.0	-06:42:30	300	87	3.0	#12 Symbiotic	2	
0079.COMP	10	07:42	17:50:13.0	-06:42:30	300	89	3.0	0 Calibration	2	
0080.AS281	60	07:47	18:10:44.0	-27:57:51	300	89	3.0	#12 Symbiotic	2	
0081.AS281	360	07:48	18:10:44.0	-27:57:51	300	89	3.0	#12 Symbiotic	2	
0082.COMP	10	07:56	18:10:44.0	-27:57:51	300	90	3.0	0 Calibration	2	
0083.AS289	15	07:58	18:12:22.0	-11:40:08	300	90	3.0	#12 Symbiotic	2	
0084.AS289	420	07:59	18:12:22.0	-11:40:08	300	90	3.0	#12 Symbiotic	2	
0085.COMP	10	08:06	18:12:22.0	-11:40:08	300	90	3.0	0 Calibration	2	
0086.AS296	30	08:08	18:15:07.0	-00:18:52	300	90	3.0	#12 Symbiotic	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0087.AS296	120	08:09	18:15:07.0	-00:18:52	300	90	3.0	#12 Symbiotic	2	
0088.COMP	10	08:11	18:15:07.0	-00:18:52	300	90	3.0	0 Calibration	2	
0089.Hen1674	120	08:15	18:20:19.1	-26:22:46	300	90	3.0	#12 Symbiotic	2	
0090.Hen1674	600	08:17	18:20:19.1	-26:22:46	300	90	3.0	#12 Symbiotic	2	
0091.COMP	10	08:28	18:20:19.1	-26:22:46	300	90	3.0	0 Calibration	2	
0092.AS338	90	08:31	19:03:47.0	+16:26:17	300	90	3.0	#12 Symbiotic	2	
0093.AS338	600	08:33	19:03:47.0	+16:26:17	300	90	3.0	#12 Symbiotic	2	
0094.COMP	10	08:44	19:03:47.0	+16:26:17	300	89	3.0	0 Calibration	2	
0095.CHCyg	1	08:45	19:24:33.0	+50:14:30	300	89	3.0	#12 Symbiotic	2	
0096.CHCyg	5	08:46	19:24:33.0	+50:14:30	300	89	3.0	#12 Symbiotic	2	
0097.CHCyg	30	08:46	19:24:33.0	+50:14:30	300	89	3.0	#12 Symbiotic	2	
0098.COMP	10	08:47	19:24:33.0	+50:14:30	300	89	3.0	0 Calibration	2	
0099.HMSge	1	08:49	19:41:57.0	+16:44:41	300	89	3.0	#12 Symbiotic	2	
0100.HMSge	1	08:49	19:41:57.0	+16:44:41	300	89	3.0	#12 Symbiotic	2	
0101.HMSge	10	08:50	19:41:57.0	+16:44:41	300	89	3.0	#12 Symbiotic	2	
0102.HMSge	60	08:50	19:41:57.0	+16:44:41	300	89	3.0	#12 Symbiotic	2	
0103.COMP	10	08:52	19:41:57.0	+16:44:41	300	89	3.0	0 Calibration	2	
0104.BDp284211	150	08:53	21:51:11.0	+28:51:50	300	89	3.0	#56 Spectropho	2	
0105.COMP	10	08:56	21:51:11.0	+28:51:50	300	89	3.0	0 Calibration	2	
0106.BDp174708	90	08:58	22:11:31.4	+18:05:34	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
0107.COMP	10	09:00	22:11:31.4	+18:05:34	300	89	3.0	0 Calibration	2	
0108.snASASSN-15kx	1200	09:03	22:16:11.9	+37:28:26	300	89	3.0	#220 ASASSN Tr	2	
0109.COMP	10	09:23	22:16:11.9	+37:28:26	300	86	3.0	0 Calibration	2	
0110.LSPMJ1917+2833	1500	09:30	19:17:31.5	+28:33:14	600	90	2.0	#222 M dwarfs	2	
0111.COMP	10	09:55	19:17:31.5	+28:33:14	600	89	2.0	0 Calibration	2	
0112.PM_I19193-0133	1800	09:58	19:19:20.2	-01:33:54	600	89	2.0	#222 M dwarfs	2	
0113.COMP	10	10:29	19:19:20.2	-01:33:54	600	89	2.0	0 Calibration	2	
0114.PM_I19310-0306	2400	10:30	19:31:04.6	-03:06:19	600	89	2.0	#222 M dwarfs	2	
0115.COMP	10	11:11	19:31:04.6	-03:06:19	600	89	2.0	0 Calibration	2	
0116.BDp174708	240	11:13	22:11:31.4	+18:05:34	600	89	2.0	#56 Spectropho	2	
0117.COMP	10	11:18	22:11:31.4	+18:05:34	600	88	2.0	0 Calibration	2	
0118-0127.BIAS	0	11:22	22:11:31.4	+18:05:34	600	88	2.0	0 Calibration	2	
0128-0137.FLAT	12	11:31	22:11:31.4	+18:05:34	600	88	2.0	0 Calibration	2	
0138.COMP	5	11:38	22:11:31.4	+18:05:34	300	88	3.0	0 Calibration	2	test
0139.COMP	5	11:40	22:11:31.4	+18:05:34	300	88	3.0	0 Calibration	2	
0140.COMP	5	11:42	22:11:31.4	+18:05:34	300	88	3.0	0 Calibration	2	
0141-0150.DARK	900	14:05	22:11:31.4	+18:05:34	300	88	3.0	0 Calibration	2	