

UT Date 2015-04-13 Observers A VazColl. Focus 1395 Grating/Grism 600

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.COMP	10	00:19	04:00:00.0	+31:40:00	300	91	3.0	0 Calibration	2	
0002.COMP	10	00:24	04:00:00.0	+31:40:00	300	91	3.0	0 Calibration	2	
0003.COMP	10	00:26	04:00:00.0	+31:40:00	300	91	3.0	0 Calibration	2	
0004-0013.BIAS	0	00:30	04:00:00.0	+31:40:00	300	91	3.0	0 Calibration	4	
0014-0023.FLAT	4	00:32	04:00:00.0	+31:40:00	300	91	3.0	0 Calibration	4	
0024-0033.BIAS	0	00:34	04:00:00.0	+31:40:00	300	91	3.0	0 Calibration	2	
0034-0048.FLAT	7	00:39	04:00:00.0	+31:40:00	300	91	3.0	0 Calibration	2	
0049-0053.DARK	900	01:46	04:00:00.0	+31:40:00	300	91	3.0	0 Calibration	2	
0054.N3377	15	04:15	10:47:42.4	+13:59:08	300	91	3.0	#57 Velocity S	2	
0055.N3377	15	04:17	10:47:42.4	+13:59:08	300	91	3.0	#57 Velocity S	2	
0056.N3377	15	04:18	10:47:42.4	+13:59:08	300	91	3.0	#57 Velocity S	2	
0057.N3377	60	04:20	10:47:42.4	+13:59:08	300	91	3.0	#57 Velocity S	2	
0058.N3377	60	04:22	10:47:42.4	+13:59:08	300	91	3.0	#57 Velocity S	2	
0059.N3377	60	04:23	10:47:42.4	+13:59:08	300	91	3.0	#57 Velocity S	2	
0060.COMP	10	04:24	10:47:42.4	+13:59:08	300	91	3.0	0 Calibration	2	
0061.Feige34	180	04:28	10:39:36.7	+43:06:09	300	91	3.0	#56 Spectropho	2	
0062.COMP	10	04:31	10:39:36.7	+43:06:09	300	91	3.0	0 Calibration	2	
0063.HD84937	30	04:34	09:48:56.1	+13:44:39	300	91	3.0	#56 Spectropho	2	
0064.HD84937	30	04:39	09:48:56.1	+13:44:39	300	91	3.0	#56 Spectropho	2	
0065.HD84937	30	04:39	09:48:56.1	+13:44:39	300	91	3.0	#56 Spectropho	2	

UT Date 2015-04-13 Observers A VazColl. Focus 1395 Grating/Grism 600

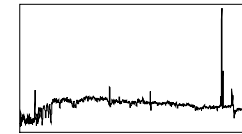
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0066.HD84937	30	04:40	09:48:56.1	+13:44:39	300	91	3.0	#56 Spectropho	2	
0067.COMP	10	04:41	09:48:56.1	+13:44:39	300	91	3.0	0 Calibration	2	
0068.AWI0005d8u	240	04:53	09:05:50.3	+64:24:51	300	91	3.0	#219 Disk Dete	2	
0069.AWI0005d8u	180	04:58	09:05:50.3	+64:24:51	300	91	3.0	#219 Disk Dete	2	
0070.AWI0005d8u	180	05:02	09:05:50.3	+64:24:51	300	91	3.0	#219 Disk Dete	2	
0071.COMP	10	05:05	09:05:50.3	+64:24:51	300	91	3.0	0 Calibration	2	
0072.105_WHSS113440	1200	05:16	11:34:40.4	+16:49:33	300	91	3.0	#221 Bright Hi	2	
0073.COMP	10	05:37	11:34:40.4	+16:49:33	300	91	3.0	0 Calibration	2	
0074.108_WHSS113651	1200	05:41	11:36:51.7	+21:22:53	300	91	3.0	#221 Bright Hi	2	
0075.COMP	10	06:01	11:36:51.7	+21:22:53	300	90	3.0	0 Calibration	2	
0076.TXCVn	10	06:06	12:44:42.0	+36:45:48	300	90	3.0	#12 Symbiotic	2	
0077.TXCVn	30	06:07	12:44:42.0	+36:45:48	300	90	3.0	#12 Symbiotic	2	
0078.COMP	10	06:07	12:44:42.0	+36:45:48	300	90	3.0	0 Calibration	2	
0079.COMP	10	06:31	12:44:42.0	+36:45:48	300	90	3.0	0 Calibration	2	
0080.COMP	10	06:33	12:44:42.0	+36:45:48	300	90	3.0	0 Calibration	2	
0081.COMP	10	06:36	12:44:42.0	+36:45:48	600	90	2.0	0 Calibration	2	
0082.COMP	10	06:38	12:44:42.0	+36:45:48	600	90	2.0	0 Calibration	2	
0083.FLAT	5	06:43	12:36:28.6	+35:12:01	600	90	2.0	0 Calibration	2	
0084.FLAT	12	06:46	12:36:28.6	+35:12:01	600	90	2.0	0 Calibration	2	
0085.BIAS	0	07:06	13:05:13.7	+31:35:32	600	89	2.0	0 Calibration	2	

UT Date 2015-04-13 Observers A VazColl. Focus 1395 Grating/Grism 600

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0086.FLAT	5	07:07	13:05:13.7	+31:35:32	600	89	2.0	0 Calibration	2	
0087.COMP	10	07:07	13:05:13.7	+31:35:32	600	89	2.0	0 Calibration	2	
0088-0097.FLAT	12	07:12	13:05:13.7	+31:35:32	600	89	2.0	0 Calibration	2	
0098.LSPMJ1236+3512	180	07:15	12:36:28.6	+35:12:01	600	89	2.0	#222 M dwarfs	2	
0099.LSPMJ1236+3512	480	07:24	12:36:28.6	+35:12:01	600	89	2.0	#222 M dwarfs	2	
0100.COMP	10	07:32	12:36:28.6	+35:12:01	600	89	2.0	0 Calibration	2	
0101.LSPMJ1309+2859	480	07:37	13:09:35.0	+28:59:07	600	89	2.0	#222 M dwarfs	2	
0102.COMP	10	07:45	13:09:35.0	+28:59:07	600	90	2.0	0 Calibration	2	
0103.LSPMJ1309+2859	10	07:46	13:09:35.0	+28:59:07	600	90	2.0	#222 M dwarfs	2	
0104.LSPMJ1309+2859	10	07:47	13:09:35.0	+28:59:07	600	90	2.0	#222 M dwarfs	2	
0105.LSPMJ1337+4807	480	07:50	13:37:40.4	+48:07:54	600	90	2.0	#222 M dwarfs	2	
0106.COMP	10	07:58	13:37:40.4	+48:07:54	600	89	2.0	0 Calibration	2	
0107.LSPMJ1337+4807	720	07:59	13:37:40.4	+48:07:54	600	89	2.0	#222 M dwarfs	2	
0108.COMP	10	08:11	13:37:40.4	+48:07:54	600	89	2.0	0 Calibration	2	
0109.LSPMJ1350+3644	720	08:13	13:50:51.8	+36:44:17	600	89	2.0	#222 M dwarfs	2	
0110.COMP	10	08:25	13:50:51.8	+36:44:17	600	89	2.0	0 Calibration	2	
0111.LSPMJ1407+5711	720	08:35	14:07:48.0	+57:11:45	600	89	2.0	#222 M dwarfs	2	
0112.COMP	10	08:47	14:07:48.0	+57:11:45	600	89	2.0	0 Calibration	2	
0113.BDp262606	90	08:51	14:49:02.4	+25:42:09	600	89	2.0	#56 Spectropho	2	
0114.BDp262606	90	08:53	14:49:02.4	+25:42:09	600	89	2.0	#56 Spectropho	2	

UT Date 2015-04-13 Observers A VazColl. Focus 1395 Grating/Grism 600

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0115.COMP	10	08:55	14:49:02.4	+25:42:09	600	89	2.0	0 Calibration	2	
0116.LSPMJ1406+3133	900	08:58	14:06:51.5	+31:33:47	600	89	2.0	#222 M dwarfs	2	
0117.COMP	10	09:13	14:06:51.5	+31:33:47	600	90	2.0	0 Calibration	2	
0118.LSPMJ1510+1921	720	09:17	15:10:04.8	+19:21:28	600	90	2.0	#222 M dwarfs	2	
0119.COMP	10	09:29	15:10:04.8	+19:21:28	600	90	2.0	0 Calibration	2	
0120.LSPMJ1512+3813	720	09:31	15:12:32.4	+38:13:36	600	90	2.0	#222 M dwarfs	2	
0121.COMP	10	09:44	15:12:32.4	+38:13:36	600	90	2.0	0 Calibration	2	
0122.LSPMJ1516+5355	900	09:45	15:16:37.3	+53:55:46	600	90	2.0	#222 M dwarfs	2	
0123.COMP	10	10:01	15:16:37.3	+53:55:46	600	90	2.0	0 Calibration	2	
0124.LSPMJ1519+3403E	1200	10:04	15:19:21.2	+34:03:43	600	88	2.0	#222 M dwarfs	2	
0125.COMP	10	10:25	15:19:21.2	+34:03:43	600	90	2.0	0 Calibration	2	
0126.LSPMJ1523+5828	720	10:27	15:23:51.4	+58:28:07	600	90	2.0	#222 M dwarfs	2	
0127.COMP	10	10:39	15:23:51.4	+58:28:07	600	90	2.0	0 Calibration	2	
0128.LSPMJ1534+1800	1200	10:43	15:34:50.8	+18:00:12	600	90	2.0	#222 M dwarfs	2	
0129.COMP	10	11:04	15:34:50.8	+18:00:12	600	90	2.0	0 Calibration	2	
0130.LSPMJ1716+1133	900	11:07	17:16:47.8	+11:33:52	600	90	2.0	#222 M dwarfs	2	
0131.COMP	10	11:27	17:16:47.8	+11:33:52	600	91	2.0	0 Calibration	2	
0132.LSPMJ1720+4205	900	11:30	17:20:42.5	+42:05:07	600	91	2.0	#222 M dwarfs	2	
0133.COMP	10	11:45	17:20:42.5	+42:05:07	600	91	2.0	0 Calibration	2	
0134.LSPMJ1730+3344	900	11:47	17:30:26.7	+33:44:52	600	91	2.0	#222 M dwarfs	2	

UT Date 2015-04-13 Observers A VazColl. Focus 1395 Grating/Grism 600

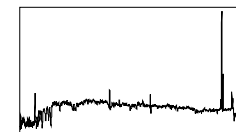
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0135.COMP	10	12:03	17:30:26.7	+33:44:52	600	90	2.0	0 Calibration	2	
0136-0145.BIAS	0	12:25	17:30:26.7	+33:44:52	600	90	2.0	0 Calibration	2	
0146-0160.FLAT	7	12:31	17:30:26.7	+33:44:52	600	90	2.0	0 Calibration	2	
0161-0165.DARK	900	13:41	17:30:26.7	+33:44:52	600	90	2.0	0 Calibration	2	

UT Date 2015-04-14 Observers A VazColl. Focus 1395 Grating/Grism 600

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.COMP	10	23:52	17:30:26.7	+33:44:52	600	90	2.0	0 Calibration	2	
0002-0007.BIAS	0	00:04	17:30:26.7	+33:44:52	600	90	2.0	0 Calibration	2	
0008.COMP	10	00:05	17:30:26.7	+33:44:52	600	90	2.0	0 Calibration	2	
0009.COMP	10	00:06	17:30:26.7	+33:44:52	600	90	2.0	0 Calibration	2	
0010.COMP	10	00:08	17:30:26.7	+33:44:52	600	90	2.0	0 Calibration	2	
0011-0020.BIAS	0	00:13	17:30:26.7	+33:44:52	600	90	2.0	0 Calibration	2	
0021-0035.FLAT	7	00:18	17:30:26.7	+33:44:52	600	90	2.0	0 Calibration	2	
0036-0040.DARK	900	01:21	17:30:26.7	+33:44:52	600	90	2.0	0 Calibration	2	
0041.COMP	10	01:55	17:30:26.7	+33:44:52	600	90	2.0	0 Calibration	2	
0042.HD84937	10	02:52	09:48:56.1	+13:44:39	300	90	3.0	#56 Spectropho	2	
0043.HD84937	10	02:53	09:48:56.1	+13:44:39	300	90	3.0	#56 Spectropho	2	
0044.HD84937	30	02:54	09:48:56.1	+13:44:39	300	90	3.0	#56 Spectropho	2	
0045.HD84937	30	02:55	09:48:56.1	+13:44:39	300	90	3.0	#56 Spectropho	2	
0046.HD84937	30	02:56	09:48:56.1	+13:44:39	300	90	3.0	#56 Spectropho	2	
0047.COMP	10	02:57	09:48:56.1	+13:44:39	300	90	3.0	0 Calibration	2	
0048.Feige34	180	03:01	10:39:36.7	+43:06:09	300	91	3.0	#56 Spectropho	2	
0049.COMP	10	03:04	10:39:36.7	+43:06:09	300	91	3.0	0 Calibration	2	
0050.COMP	10	03:19	09:21:03.5	+34:23:33	300	91	3.0	0 Calibration	2	
0051.COMP	10	05:33	12:59:27.3	+14:10:16	300	1	3.0	0 Calibration	2	
0052.snASASSN15ga	1800	05:34	12:59:27.3	+14:10:16	300	1	3.0	#2 SN Observat	2	

UT Date 2015-04-14 Observers A VazColl. Focus 1395 Grating/Grism 600

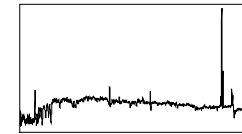
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0052.snASASSN15gaq.ms	1800	05:34	12:59:27.3	+14:10:16	300	1	3.0	#2 SN Observat	1	
0053.COMP	10	06:04	12:59:27.3	+14:10:16	300	0	3.0	0 Calibration	2	
0054.BRUTUS7123_5	1800	06:21	14:16:23.9	+39:30:09	300	109	3.0	#220 ASASSN Tr	2	
0054.BRUTUS7123_5q.ms	1800	06:21	14:16:23.9	+39:30:09	300	109	3.0	#220 ASASSN Tr	1	
0055.COMP	10	06:53	14:16:23.9	+39:30:09	300	109	3.0	0 Calibration	2	
0056.COMP	10	07:28	14:16:23.9	+39:30:09	300	90	3.0	0 Calibration	4	
0057.COMP	10	07:29	14:16:23.9	+39:30:09	300	90	3.0	0 Calibration	4	
0058-0067.BIAS	0	07:36	14:16:23.9	+39:30:09	300	90	3.0	0 Calibration	4	
0068-0082.FLAT	12	07:41	14:16:23.9	+39:30:09	300	90	3.0	0 Calibration	4	
0083.COMP	10	07:54	15:51:59.9	+32:56:54	600	90	1.5	0 Calibration	4	
0084.BDp332642	10	07:56	15:51:59.9	+32:56:54	600	90	1.5	#56 Spectropho	4	
0085.BDp332642	10	07:57	15:51:59.9	+32:56:54	600	90	1.5	#56 Spectropho	4	
0086.BDp332642	10	07:58	15:51:59.9	+32:56:54	600	90	1.5	#56 Spectropho	4	
0087.BDp332642	10	07:59	15:51:59.9	+32:56:54	600	90	1.5	#56 Spectropho	4	
0088.BDp332642	120	08:03	15:51:59.9	+32:56:54	600	90	1.5	#56 Spectropho	4	
0089.BDp332642	120	08:12	15:51:59.9	+32:56:54	600	90	1.5	#56 Spectropho	4	
0090.COMP	10	08:15	15:51:59.9	+32:56:54	600	90	1.5	0 Calibration	4	
0091.lmwd541	840	08:20	13:55:12.3	+19:56:45	600	91	1.5	#178 Low Mass	4	
0092.lmwd541	840	08:35	13:55:12.3	+19:56:45	600	91	1.5	#178 Low Mass	4	
0093.COMP	10	08:49	13:55:12.3	+19:56:45	600	91	1.5	0 Calibration	4	

UT Date 2015-04-14 Observers A VazColl. Focus 1395 Grating/Grism 600

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0094.lmwd541	840	08:50	13:55:12.3	+19:56:45	600	91	1.5	#178 Low Mass	4	
0095.COMP	10	09:04	13:55:12.3	+19:56:45	600	91	1.5	0 Calibration	4	
0096.lmwd541	840	09:05	13:55:12.3	+19:56:45	600	91	1.5	#178 Low Mass	4	
0097.COMP	10	09:19	13:55:12.3	+19:56:45	600	91	1.5	0 Calibration	4	
0098.hotwd148	1200	09:26	16:26:18.3	+11:24:34	600	91	1.5	#178 Low Mass	4	
0099.COMP	10	09:46	16:26:18.3	+11:24:34	600	91	1.5	0 Calibration	4	
0100.hotwd148	1200	09:47	16:26:18.3	+11:24:34	600	91	1.5	#178 Low Mass	4	
0101.COMP	10	10:07	16:26:18.3	+11:24:34	600	91	1.5	0 Calibration	4	
0102.hotwd148	1200	10:08	16:26:18.3	+11:24:34	600	91	1.5	#178 Low Mass	4	
0103.COMP	10	10:28	16:26:18.3	+11:24:34	600	91	1.5	0 Calibration	4	
0104.hotwd148	1200	10:29	16:26:18.3	+11:24:34	600	91	1.5	#178 Low Mass	4	
0105.COMP	10	10:49	16:26:18.3	+11:24:34	600	91	1.5	0 Calibration	4	
0106.BDp262606	90	11:04	14:49:02.4	+25:42:09	600	91	1.5	#56 Spectropho	4	
0107.BDp262606	90	11:06	14:49:02.4	+25:42:09	600	91	1.5	#56 Spectropho	4	
0108.BDp262606	90	11:07	14:49:02.4	+25:42:09	600	91	1.5	#56 Spectropho	4	
0109.BDp262606	90	11:09	14:49:02.4	+25:42:09	600	91	1.5	#56 Spectropho	4	
0110.COMP	10	11:11	14:49:02.4	+25:42:09	600	91	1.5	0 Calibration	4	
0111.BDp332642	120	11:13	15:51:59.9	+32:56:54	600	91	1.5	#56 Spectropho	4	
0112.BDp332642	120	11:16	15:51:59.9	+32:56:54	600	91	1.5	#56 Spectropho	4	
0113.COMP	10	11:18	15:51:59.9	+32:56:54	600	91	1.5	0 Calibration	4	

UT Date 2015-04-14 Observers A VazColl. Focus 1395 Grating/Grism 600

<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>
0114-0123.BIAS	0	11:45	15:51:59.9	+32:56:54	600	91	1.5	0 Calibration	4	
0124-0134.FLAT	12	11:49	15:51:59.9	+32:56:54	600	91	1.5	0 Calibration	4	
0135-0139.DARK	900	12:51	15:51:59.9	+32:56:54	600	91	1.5	0 Calibration	2	
0140-0144.DARK	900	14:08	15:51:59.9	+32:56:54	600	91	1.5	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 2015-04-15 Observers A VazColl. Focus 1360 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	00:06	15:51:59.9	+32:56:54	600	91	1.5	0 Calibration	4	
0011-0021.FLAT	12	00:09	15:51:59.9	+32:56:54	600	91	1.5	0 Calibration	4	
0022-0026.DARK	900	01:12	15:51:59.9	+32:56:54	600	91	1.5	0 Calibration	2	
0027-0028.DARK	900	01:43	15:51:59.9	+32:56:54	600	91	1.5	0 Calibration	4	
0029.COMP	10	02:16	15:51:59.9	+32:56:54	600	91	1.5	0 Calibration	4	
0030.HD84937	30	04:00	09:48:56.1	+13:44:39	600	91	1.5	#56 Spectropho	4	
0031.HD84937	30	04:01	09:48:56.1	+13:44:39	600	91	1.5	#56 Spectropho	4	
0032.HD84937	30	04:01	09:48:56.1	+13:44:39	600	91	1.5	#56 Spectropho	4	
0033.COMP	10	04:02	09:48:56.1	+13:44:39	600	91	1.5	0 Calibration	4	
0034.Feige34	180	04:07	10:39:36.7	+43:06:09	600	91	1.5	#56 Spectropho	4	
0035.Feige34	180	04:11	10:39:36.7	+43:06:09	600	91	1.5	#56 Spectropho	4	
0036.COMP	10	04:15	10:39:36.7	+43:06:09	600	91	1.5	0 Calibration	4	
0037.j1131m07	720	04:18	11:31:43.5	-07:42:20	600	91	1.5	#178 Low Mass	4	
0038.COMP	10	04:30	11:31:43.5	-07:42:20	600	90	1.5	0 Calibration	4	
0039.j1131m07	720	04:31	11:31:43.5	-07:42:20	600	90	1.5	#178 Low Mass	4	
0040.COMP	10	04:43	11:31:43.5	-07:42:20	600	91	1.5	0 Calibration	4	
0041.j1131m07	720	04:44	11:31:43.5	-07:42:20	600	90	1.5	#178 Low Mass	4	
0042.COMP	10	04:57	11:31:43.5	-07:42:20	600	91	1.5	0 Calibration	4	
0043.j1131m07	720	04:58	11:31:43.5	-07:42:20	600	91	1.5	#178 Low Mass	4	
0044.COMP	10	05:10	11:31:43.5	-07:42:20	600	91	1.5	0 Calibration	4	

UT Date 2015-04-15 Observers A VazColl. Focus 1360 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0045.lmwd541	840	05:13	13:55:12.3	+19:56:45	600	91	1.5	#178 Low Mass	4	
0046.COMP	10	05:28	13:55:12.3	+19:56:45	600	90	1.5	0 Calibration	4	
0047.lmwd541	840	05:30	13:55:12.3	+19:56:45	600	90	1.5	#178 Low Mass	4	
0048.COMP	10	05:45	13:55:12.3	+19:56:45	600	90	1.5	0 Calibration	4	
0049.lmwd541	840	05:45	13:55:12.3	+19:56:45	600	90	1.5	#178 Low Mass	4	
0050.COMP	10	06:00	13:55:12.3	+19:56:45	600	89	1.5	0 Calibration	4	
0051.lmwd541	840	06:01	13:55:12.3	+19:56:45	600	89	1.5	#178 Low Mass	4	
0052.COMP	10	06:16	13:55:12.3	+19:56:45	600	89	1.5	0 Calibration	4	
0053.j1337p39	1200	06:19	13:37:25.2	+39:52:39	600	89	1.5	#178 Low Mass	4	
0054.COMP	10	06:40	13:37:25.2	+39:52:39	600	89	1.5	0 Calibration	4	
0055.j1337p39	1200	06:41	13:37:25.2	+39:52:39	600	89	1.5	#178 Low Mass	4	
0056.COMP	10	07:01	13:37:25.2	+39:52:39	600	89	1.5	0 Calibration	4	
0057.j1337p39	1200	07:14	13:37:25.2	+39:52:39	600	89	1.5	#178 Low Mass	4	
0058.COMP	10	07:34	13:37:25.2	+39:52:39	600	89	1.5	0 Calibration	4	
0059.j1433p25	1320	07:45	14:33:15.9	+25:28:53	600	89	1.5	#178 Low Mass	4	
0060.COMP	10	08:07	14:33:15.9	+25:28:53	600	89	1.5	0 Calibration	4	
0061.j1433p25	1320	08:08	14:33:15.9	+25:28:53	600	89	1.5	#178 Low Mass	4	
0062.COMP	10	08:30	14:33:15.9	+25:28:53	600	89	1.5	0 Calibration	4	
0063.j1433p25	1320	08:31	14:33:15.9	+25:28:53	600	89	1.5	#178 Low Mass	4	
0064.COMP	10	08:53	14:33:15.9	+25:28:53	600	89	1.5	0 Calibration	4	

UT Date 2015-04-15 Observers A VazColl. Focus 1360 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0065.j1433p25	1320	08:56	14:33:15.9	+25:28:53	600	89	1.5	#178 Low Mass	4	
0066.COMP	10	09:19	14:33:15.9	+25:28:53	600	89	1.5	0 Calibration	4	
0067.COMP	10	09:26	14:33:15.9	+25:28:53	600	89	1.5	0 Calibration	4	
0068.COMP	10	09:27	14:33:15.9	+25:28:53	600	89	1.5	0 Calibration	2	
0069.COMP	10	09:29	14:33:15.9	+25:28:53	600	89	1.5	0 Calibration	2	
0070.COMP	10	09:34	14:33:15.9	+25:28:53	600	89	1.5	0 Calibration	2	
0071.COMP	10	09:36	14:33:15.9	+25:28:53	600	89	1.5	0 Calibration	2	
0072.COMP	10	09:37	14:33:15.9	+25:28:53	600	89	1.5	0 Calibration	2	
0073.COMP	10	09:39	14:33:15.9	+25:28:53	600	89	1.5	0 Calibration	2	
0074.COMP	10	09:42	14:33:15.9	+25:28:53	600	89	1.5	0 Calibration	2	
0075.COMP	10	09:43	14:33:15.9	+25:28:53	600	89	1.5	0 Calibration	2	
0076.BIAS	0	09:46	14:33:15.9	+25:28:53	300	110	3.0	0 Calibration	2	
0077.FLAT	12	09:47	14:33:15.9	+25:28:53	300	110	3.0	0 Calibration	2	
0078.test	10	09:54	14:16:23.9	+39:30:09	300	110	3.0	#220 ASASSN Tr	2	
0079.test	10	09:55	14:16:23.9	+39:30:09	300	110	3.0	#220 ASASSN Tr	2	
0080.BRUTUS7123_5	900	09:59	14:16:23.9	+39:30:09	300	110	3.0	#220 ASASSN Tr	2	
0081.COMP	10	10:15	14:16:23.9	+39:30:09	300	109	3.0	0 Calibration	2	
0082.BRUTUS7123_5	900	10:15	14:16:23.9	+39:30:09	300	109	3.0	#220 ASASSN Tr	2	
0083.COMP	10	10:31	14:16:23.9	+39:30:09	300	110	3.0	0 Calibration	2	
0084.BRUTUS7123_5	900	10:32	14:16:23.9	+39:30:09	300	110	3.0	#220 ASASSN Tr	2	

UT Date 2015-04-15 Observers A VazColl. Focus 1360 Grating/Grism 300

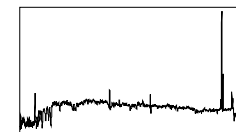
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0085.COMP	10	10:55	14:16:23.9	+39:30:09	300	110	3.0	0 Calibration	2	
0086-0095.BIAS	0	11:01	14:16:23.9	+39:30:09	300	90	3.0	0 Calibration	2	
0096-0110.FLAT	7	11:06	14:16:23.9	+39:30:09	300	90	3.0	0 Calibration	2	
0111.BDp332642	120	11:14	15:51:59.9	+32:56:54	300	90	3.0	#56 Spectropho	2	
0112.COMP	10	11:16	15:51:59.9	+32:56:54	300	90	3.0	0 Calibration	2	
0113.BDp332642	120	11:23	15:51:59.9	+32:56:54	300	90	3.0	#56 Spectropho	2	
0114.COMP	10	11:25	15:51:59.9	+32:56:54	300	90	3.0	0 Calibration	2	
0115.BDp262606	90	11:32	14:49:02.4	+25:42:09	300	90	3.0	#56 Spectropho	2	
0116.BDp262606	90	11:36	14:49:02.4	+25:42:09	300	90	3.0	#56 Spectropho	2	
0117.BDp262606	90	11:38	14:49:02.4	+25:42:09	300	90	3.0	#56 Spectropho	2	
0118.COMP	10	11:40	14:49:02.4	+25:42:09	300	90	3.0	0 Calibration	2	
0119-0128.BIAS	0	11:58	14:49:02.4	+25:42:09	300	90	3.0	0 Calibration	2	
0129-0143.FLAT	7	12:04	14:49:02.4	+25:42:09	300	90	3.0	0 Calibration	2	
0144-0148.DARK	900	13:14	14:49:02.4	+25:42:09	300	90	3.0	0 Calibration	2	
0149-0153.DARK	900	14:30	14:49:02.4	+25:42:09	300	90	3.0	0 Calibration	4	
comp600+440.ms	5	08:44	11:13:04.3	+11:23:36	600	90	2.0	#166 Hyper Vel	1	

UT Date 2015-04-16 Observers A VazColl. Focus 1395 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	23:56	14:49:02.4	+25:42:09	300	90	3.0	0 Calibration	2	
0011-0025.FLAT	7	00:02	14:49:02.4	+25:42:09	300	90	3.0	0 Calibration	2	
0026-0030.DARK	900	01:05	14:49:02.4	+25:42:09	300	90	3.0	0 Calibration	2	
0031.COMP	10	02:11	14:49:02.4	+25:42:09	300	90	3.0	0 Calibration	2	
0032.HD84937	30	02:38	09:48:56.1	+13:44:39	300	90	3.0	#56 Spectropho	2	
0032.HD84937q.ms	30	02:38	09:48:56.1	+13:44:39	300	90	3.0	#56 Spectropho	1	
0033.HD84937	30	02:39	09:48:56.1	+13:44:39	300	90	3.0	#56 Spectropho	2	
0034.HD84937	30	02:40	09:48:56.1	+13:44:39	300	90	3.0	#56 Spectropho	2	
0035.COMP	10	02:41	09:48:56.1	+13:44:39	300	90	3.0	0 Calibration	2	
0036.Feige34	180	02:48	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	2	
0037.COMP	10	02:52	10:39:36.7	+43:06:09	300	90	3.0	0 Calibration	2	
0038.ASASSN-15hc	1200	03:12	10:24:38.8	-02:59:08	300	0	3.0	#220 ASASSN Tr	2	
0039.COMP	10	03:33	10:24:38.8	-02:59:08	300	0	3.0	0 Calibration	2	
0040.snj12350637	1800	03:45	12:35:06.4	+31:14:35	300	89	3.0	#2 SN Observat	2	
0041.COMP	10	04:15	12:35:06.4	+31:14:35	300	89	3.0	0 Calibration	2	
0042.snASASSN15ga	1800	04:38	12:59:27.3	+14:10:16	300	0	3.0	#2 SN Observat	2	
0043.COMP	10	05:08	12:59:27.3	+14:10:16	300	0	3.0	0 Calibration	2	
0044.snASASSN14lp	1800	05:34	12:45:09.1	-00:27:33	300	-45	3.0	#2 SN Observat	2	
0045.COMP	10	06:07	12:45:09.1	-00:27:33	300	-45	3.0	0 Calibration	2	
0046.ASASSN-15gw	900	06:16	14:16:24.0	+39:30:09	300	110	3.0	#220 ASASSN Tr	2	

UT Date 2015-04-16 Observers A VazColl. Focus 1395 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0047.COMP	10	06:31	14:16:24.0	+39:30:09	300	109	3.0	0 Calibration	2	
0048.ASASSN-15gw	900	06:34	14:16:24.0	+39:30:09	300	109	3.0	#220 ASASSN Tr	2	
0049.COMP	10	06:50	14:16:24.0	+39:30:09	300	109	3.0	0 Calibration	2	
0050.snASASSN-15gw	1800	06:58	14:16:24.0	+39:30:09	300	109	3.0	#220 ASASSN Tr	2	
0051.COMP	10	07:29	14:16:24.0	+39:30:09	300	109	3.0	0 Calibration	2	
0052.COMP	10	07:41	14:16:24.0	+39:30:09	300	91	3.0	0 Calibration	2	
0053.COMP	10	07:45	14:16:24.0	+39:30:09	300	91	3.0	0 Calibration	2	
0054.FLAT	7	08:05	14:32:36.6	+00:05:30	300	91	3.0	0 Calibration	2	
0055.AWI0000w9x	180	08:11	14:43:13.1	+01:49:29	300	91	3.0	#219 Disk Dete	2	
0056.COMP	10	08:15	14:43:13.1	+01:49:29	300	91	3.0	0 Calibration	2	
0057.AWI0000w9x	30	08:16	14:43:13.1	+01:49:29	300	91	3.0	#219 Disk Dete	2	
0058.AWI0000w9x	10	08:18	14:43:13.1	+01:49:29	300	91	3.0	#219 Disk Dete	2	
0059.AWI0000w9x	20	08:18	14:43:13.1	+01:49:29	300	91	3.0	#219 Disk Dete	2	
0060.COMP	10	08:19	14:43:13.1	+01:49:29	300	91	3.0	0 Calibration	2	
0061.171_WHSS135903	1200	08:26	13:59:03.4	+20:48:29	300	91	3.0	#221 Bright Hi	2	
0062.COMP	10	08:47	13:59:03.4	+20:48:29	300	89	3.0	0 Calibration	2	
0063.195_WHSS145647	1200	08:52	14:56:47.3	+48:10:54	300	89	3.0	#221 Bright Hi	2	
0064.COMP	10	09:12	14:56:47.3	+48:10:54	300	89	3.0	0 Calibration	2	
0065.209_WHSS152740	1800	09:18	15:27:40.6	+30:10:14	300	89	3.0	#221 Bright Hi	2	
0066.COMP	10	09:49	15:27:40.6	+30:10:14	300	90	3.0	0 Calibration	2	

UT Date 2015-04-16 Observers A VazColl. Focus 1395 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0067.210.WHSS152850	1800	09:56	15:28:50.4	+10:51:10	300	90	3.0	#221 Bright Hi	2	
0068.COMP	10	10:26	15:28:50.4	+10:51:10	300	90	3.0	0 Calibration	2	
0069.216.WHSS154231	1800	10:30	15:42:31.7	+19:34:57	300	90	3.0	#221 Bright Hi	2	
0070.COMP	10	11:00	15:42:31.7	+19:34:57	300	90	3.0	0 Calibration	2	
0071.330.WHSS172504	1800	11:11	17:25:04.4	+39:26:43	300	90	3.0	#221 Bright Hi	2	
0072.COMP	10	11:43	17:25:04.4	+39:26:43	300	89	3.0	0 Calibration	2	
0073-0082.BIAS	0	12:27	17:44:45.4	+47:51:59	300	86	3.0	0 Calibration	2	
0083-0097.FLAT	7	12:33	17:44:45.4	+47:51:59	300	86	3.0	0 Calibration	2	
0098-0102.DARK	900	13:35	17:44:45.4	+47:51:59	300	86	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 2015-04-17 Observers A VazColl. Focus 1395 Grating/Grism 600

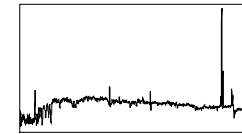
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	23:43	17:44:45.4	+47:51:59	300	90	3.0	0 Calibration	2	
0011-0025.FLAT	7	23:48	17:44:45.4	+47:51:59	300	90	3.0	0 Calibration	2	
0026-0030.DARK	900	00:59	17:44:45.4	+47:51:59	300	90	3.0	0 Calibration	2	
0031-0035.DARK	900	02:16	17:44:45.4	+47:51:59	300	90	3.0	0 Calibration	4	
0036.COMP	10	02:31	17:44:45.4	+47:51:59	300	90	3.0	0 Calibration	2	
0037.COMP	10	02:33	17:44:45.4	+47:51:59	300	90	3.0	0 Calibration	2	
0038.COMP	10	02:35	17:44:45.4	+47:51:59	300	90	3.0	0 Calibration	2	
0039.COMP	10	02:37	17:44:45.4	+47:51:59	300	90	3.0	0 Calibration	2	
0040.HD84937	30	02:43	09:48:56.1	+13:44:39	300	90	3.0	#56 Spectropho	2	
0041.HD84937	30	02:45	09:48:56.1	+13:44:39	300	90	3.0	#56 Spectropho	2	
0042.HD84937	30	02:45	09:48:56.1	+13:44:39	300	90	3.0	#56 Spectropho	2	
0043.COMP	10	02:47	09:48:56.1	+13:44:39	300	90	3.0	0 Calibration	2	
0044.Feige34	180	02:49	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	2	
0045.COMP	10	02:53	10:39:36.7	+43:06:09	300	90	3.0	0 Calibration	2	
0046.Feige34	180	02:53	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	2	
0047.COMP	10	02:56	10:39:36.7	+43:06:09	300	90	3.0	0 Calibration	2	
0048.040_WHSS083821	1800	03:01	08:38:21.8	+56:59:20	300	90	3.0	#221 Bright Hi	2	
0049.COMP	10	03:31	08:38:21.8	+56:59:20	300	89	3.0	0 Calibration	2	
0050.070_WHSS101135	1800	03:34	10:11:35.4	+48:54:45	300	89	3.0	#221 Bright Hi	2	
0051.COMP	10	04:04	10:11:35.4	+48:54:45	300	88	3.0	0 Calibration	2	

UT Date 2015-04-17 Observers A VazColl. Focus 1395 Grating/Grism 600

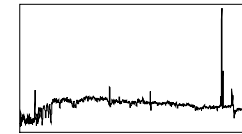
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0052.074.WHSS101749	1800	04:07	10:17:49.4	+23:26:14	300	88	3.0	#221 Bright Hi	2	
0053.COMP	10	04:38	10:17:49.4	+23:26:14	300	88	3.0	0 Calibration	2	
0054.COMP	10	04:56	10:17:49.4	+23:26:14	300	88	3.0	0 Calibration	4	
0055.Feige34	10	05:05	10:39:36.7	+43:06:09	600	88	1.5	#56 Spectropho	4	
0056.Feige34	10	05:06	10:39:36.7	+43:06:09	600	88	1.5	#56 Spectropho	4	
0057-0066.BIAS	0	05:16	10:39:36.7	+43:06:09	600	89	1.5	0 Calibration	4	
0067-0077.FLAT	12	05:19	10:39:36.7	+43:06:09	600	89	1.5	0 Calibration	4	
0078.Feige34	180	05:24	10:39:36.7	+43:06:09	600	89	1.5	#56 Spectropho	4	
0079.COMP	10	05:27	10:39:36.7	+43:06:09	600	89	1.5	0 Calibration	4	
0080.lmwd541	840	05:34	13:55:12.3	+19:56:45	600	89	1.5	#178 Low Mass	4	
0081.COMP	10	05:48	13:55:12.3	+19:56:45	600	89	1.5	0 Calibration	4	
0082.lmwd541	840	05:50	13:55:12.3	+19:56:45	600	89	1.5	#178 Low Mass	4	
0083.COMP	10	06:04	13:55:12.3	+19:56:45	600	89	1.5	0 Calibration	4	
0084.lmwd541	840	06:05	13:55:12.3	+19:56:45	600	89	1.5	#178 Low Mass	4	
0085.COMP	10	06:20	13:55:12.3	+19:56:45	600	90	1.5	0 Calibration	4	
0086.lmwd541	840	06:21	13:55:12.3	+19:56:45	600	90	1.5	#178 Low Mass	4	
0087.COMP	10	06:36	13:55:12.3	+19:56:45	600	90	1.5	0 Calibration	4	
0088.COMP	10	06:42	13:55:12.3	+19:56:45	600	90	1.5	0 Calibration	2	
0089.COMP	10	06:44	13:55:12.3	+19:56:45	600	90	1.5	0 Calibration	2	
0090.Feige34	10	06:54	10:39:36.7	+43:06:09	600	90	1.5	#56 Spectropho	2	

UT Date 2015-04-17 Observers A VazColl. Focus 1395 Grating/Grism 600

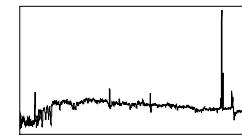
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0091.positiontest	10	06:55	10:39:36.7	+43:06:09	600	90	1.5	#56 Spectropho	2	
0092.positiontest	10	06:56	10:39:36.7	+43:06:09	600	90	1.5	#56 Spectropho	2	
0093.Feige34	10	06:57	10:39:36.7	+43:06:09	600	90	1.5	#56 Spectropho	2	
0094.Feige34	180	06:58	10:39:36.7	+43:06:09	600	90	1.5	#56 Spectropho	2	
0095.COMP	10	07:01	10:39:36.7	+43:06:09	600	90	1.5	0 Calibration	2	
0096.snASASSN-15fz	900	07:05	13:35:25.1	+01:24:33	600	90	1.5	#220 ASASSN Tr	2	
0097.COMP	10	07:21	13:35:25.1	+01:24:33	600	89	1.5	0 Calibration	2	
0098.snASASSN-15fz	900	07:30	13:35:25.1	+01:24:33	600	46	1.5	#220 ASASSN Tr	2	
0099.COMP	10	07:45	13:35:25.1	+01:24:33	600	45	1.5	0 Calibration	2	
0100.snASASSN-15gz	900	07:57	14:42:32.1	-13:27:37	600	89	1.5	#220 ASASSN Tr	2	
0101.COMP	10	08:13	14:42:32.1	-13:27:37	600	89	1.5	0 Calibration	2	
0102.snASASSN-15gz	1800	08:18	14:42:32.1	-13:27:37	600	109	1.5	#220 ASASSN Tr	2	
0103.COMP	10	08:49	14:42:32.1	-13:27:37	600	110	1.5	0 Calibration	2	
0104.snASASSN-15fi	900	08:56	16:31:48.8	+20:24:38	600	90	1.5	#220 ASASSN Tr	2	
0105.COMP	10	09:11	16:31:48.8	+20:24:38	600	89	1.5	0 Calibration	2	
0106.COMP	10	09:20	16:31:48.8	+20:24:38	600	89	1.5	0 Calibration	4	
0107-0116.BIAS	0	09:23	16:31:48.8	+20:24:38	600	89	1.5	0 Calibration	4	
0117-0127.FLAT	12	09:27	16:31:48.8	+20:24:38	600	89	1.5	0 Calibration	4	
0128.hotwd148	1200	09:31	16:26:18.3	+11:24:34	600	89	1.5	#178 Low Mass	4	
0129.COMP	10	09:52	16:26:18.3	+11:24:34	600	90	1.5	0 Calibration	4	

UT Date 2015-04-17 Observers A VazColl. Focus 1395 Grating/Grism 600

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0130.BDp332642	10	09:54	15:51:59.9	+32:56:54	600	90	1.5	#56 Spectropho	4	
0131.positiontest	10	09:54	15:51:59.9	+32:56:54	600	90	1.5	#56 Spectropho	4	
0132.positiontest	10	09:55	15:51:59.9	+32:56:54	600	90	1.5	#56 Spectropho	4	
0133.BDp332642	120	09:57	15:51:59.9	+32:56:54	600	90	1.5	#56 Spectropho	4	
0134.BDp332642	120	09:59	15:51:59.9	+32:56:54	600	90	1.5	#56 Spectropho	4	
0135.COMP	10	10:02	15:51:59.9	+32:56:54	600	90	1.5	0 Calibration	4	
0136.j1433p25	1320	10:15	14:33:15.9	+25:28:53	600	90	1.5	#178 Low Mass	4	
0137.COMP	10	10:38	14:33:15.9	+25:28:53	600	90	1.5	0 Calibration	4	
0138.j1433p25	1320	10:39	14:33:15.9	+25:28:53	600	90	1.5	#178 Low Mass	4	
0139.COMP	10	11:02	14:33:15.9	+25:28:53	600	90	1.5	0 Calibration	4	
0140.j1433p25	1320	11:03	14:33:15.9	+25:28:53	600	90	1.5	#178 Low Mass	4	
0141.COMP	10	11:25	14:33:15.9	+25:28:53	600	90	1.5	0 Calibration	4	
0142.j1433p25	1320	11:26	14:33:15.9	+25:28:53	600	90	1.5	#178 Low Mass	4	
0143.COMP	10	11:49	14:33:15.9	+25:28:53	600	90	1.5	0 Calibration	4	
0144-0153.BIAS	0	12:15	14:33:15.9	+25:28:53	600	90	1.5	0 Calibration	4	
0154-0168.FLAT	12	12:21	14:33:15.9	+25:28:53	600	90	1.5	0 Calibration	4	
0169-0173.DARK	900	13:24	14:33:15.9	+25:28:53	600	90	1.5	0 Calibration	2	
0174-0178.DARK	900	14:41	14:33:15.9	+25:28:53	600	90	1.5	0 Calibration	4	

UT Date 2015-04-18 Observers WillnerColl. Focus 1395 Grating/Grism 600

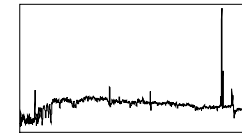
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.BIAS	0	19:02	01:19:56.1	+31:25:57	600	90	1.5	0 Calibration	2	
0001.COMP	5	00:17	06:33:14.9	+31:31:25	600	90	1.5	0 Calibration	4	
0002-0003.BIAS	0	00:37	06:33:14.9	+31:31:25	600	90	1.5	0 Calibration	4	
0003.DARK	900	19:18	01:32:00.6	+31:26:03	600	90	1.5	0 Calibration	2	
0004.BIAS	0	00:37	06:33:14.9	+31:31:25	600	90	1.5	0 Calibration	4	
0004.COMP	5	19:35	01:32:00.6	+31:26:03	600	90	1.5	0 Calibration	2	
0005-0011.BIAS	0	00:38	06:33:14.9	+31:31:25	600	90	1.5	0 Calibration	4	
0012-0021.FLAT	12	00:42	06:33:14.9	+31:31:25	600	90	1.5	0 Calibration	4	
0022-0025.DARK	900	01:29	06:33:14.9	+31:31:25	600	90	1.5	0 Calibration	4	
0026.HIP44248	2	02:33	09:00:38.7	+41:47:00	600	90	1.5	#57 Velocity S	4	
0028.Feige34	180	02:55	10:39:36.7	+43:06:09	600	90	1.5	#56 Spectropho	4	
0029.COMP	5	02:58	10:39:36.7	+43:06:09	600	90	1.5	0 Calibration	4	
0030.COMP	10	03:00	10:39:36.7	+43:06:09	600	90	1.5	0 Calibration	4	
0031.j1131m07	720	03:07	11:31:43.5	-07:42:20	600	89	1.5	#178 Low Mass	4	
0032.COMP	10	03:19	11:31:43.5	-07:42:20	600	90	1.5	0 Calibration	4	
0033.j1131m07	720	03:20	11:31:43.5	-07:42:20	600	90	1.5	#178 Low Mass	4	
0034.COMP	10	03:32	11:31:43.5	-07:42:20	600	90	1.5	0 Calibration	4	
0035.j1131m07	720	03:35	11:31:43.5	-07:42:20	600	90	1.5	#178 Low Mass	4	
0036.COMP	10	03:48	11:31:43.5	-07:42:20	600	90	1.5	0 Calibration	4	
0037.j1131m07	720	03:49	11:31:43.5	-07:42:20	600	90	1.5	#178 Low Mass	4	

UT Date 2015-04-18 Observers WillnerColl. Focus 1395 Grating/Grism 600

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0038.COMP	10	04:01	11:31:43.5	-07:42:20	600	90	1.5	0 Calibration	4	
0039.j1131m07	720	04:02	11:31:43.5	-07:42:20	600	90	1.5	#178 Low Mass	4	
0040.COMP	10	04:14	11:31:43.5	-07:42:20	600	90	1.5	0 Calibration	4	
0041.j1131m07	720	04:16	11:31:43.5	-07:42:20	600	90	1.5	#178 Low Mass	4	
0042.COMP	10	04:29	11:31:43.5	-07:42:20	600	90	1.5	0 Calibration	4	
0043.j1131m07	720	04:39	11:31:40.2	-07:42:26	600	89	1.5	#178 Low Mass	4	
0044.COMP	10	04:51	11:31:40.2	-07:42:26	600	90	1.5	0 Calibration	4	
0045.j1131m07	720	04:53	11:31:40.2	-07:42:26	600	90	1.5	#178 Low Mass	4	
0046.COMP	10	05:05	11:31:40.2	-07:42:26	600	90	1.5	0 Calibration	4	
0047.j1131m07	720	05:06	11:31:40.2	-07:42:26	600	90	1.5	#178 Low Mass	4	
0048.COMP	10	05:19	11:31:40.2	-07:42:26	600	90	1.5	0 Calibration	4	
0049.j1131m07	720	05:19	11:31:40.2	-07:42:26	600	90	1.5	#178 Low Mass	4	
0050.COMP	10	05:32	11:31:40.2	-07:42:26	600	90	1.5	0 Calibration	4	
0051.j1131m07	720	05:35	11:31:40.2	-07:42:26	600	90	1.5	#178 Low Mass	4	
0052.COMP	10	05:48	11:31:40.2	-07:42:26	600	90	1.5	0 Calibration	4	
0053.j1131m07	720	05:49	11:31:40.2	-07:42:26	600	90	1.5	#178 Low Mass	4	
0054.COMP	10	06:01	11:31:40.2	-07:42:26	600	90	1.5	0 Calibration	4	
0055.j1131m07	720	06:02	11:31:40.2	-07:42:26	600	90	1.5	#178 Low Mass	4	
0056.COMP	10	06:14	11:31:40.2	-07:42:26	600	90	1.5	0 Calibration	4	
0057.PG0846p249	240	06:17	08:49:05.9	+24:45:08	600	90	1.5	#56 Spectropho	4	

UT Date 2015-04-18 Observers WillnerColl. Focus 1395 Grating/Grism 600

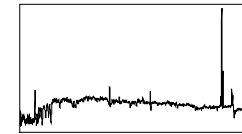
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0058.COMP	10	06:22	08:49:05.9	+24:45:08	600	89	1.5	0 Calibration	4	
0059.j1337p39	1320	06:38	13:37:25.2	+39:52:39	600	88	1.5	#178 Low Mass	4	
0060.COMP	10	07:01	13:37:25.2	+39:52:39	600	86	1.5	0 Calibration	4	
0061.j1337p39	1320	07:02	13:37:25.2	+39:52:39	600	86	1.5	#178 Low Mass	4	
0062.COMP	10	07:25	13:37:25.2	+39:52:39	600	85	1.5	0 Calibration	4	
0063.j1337p39	1320	07:26	13:37:25.2	+39:52:39	600	85	1.5	#178 Low Mass	4	
0064.COMP	10	07:48	13:37:25.2	+39:52:39	600	88	1.5	0 Calibration	4	
0065.Feige34	180	07:52	10:39:36.7	+43:06:09	600	88	1.5	#56 Spectropho	4	
0066.COMP	10	07:55	10:39:36.7	+43:06:09	600	88	1.5	0 Calibration	4	
0067.j1337p39	1320	08:08	13:37:25.2	+39:52:39	600	88	1.5	#178 Low Mass	4	
0068.COMP	10	08:30	13:37:25.2	+39:52:39	600	89	1.5	0 Calibration	4	
0069.COMP	10	08:41	13:37:25.2	+39:52:39	600	89	1.5	0 Calibration	4	
0070.COMP	10	08:42	13:37:25.2	+39:52:39	600	89	1.5	0 Calibration	2	
0071.LSPMJ1143+2518	10	08:50	11:43:23.6	+25:18:14	600	89	1.5	#222 M dwarfs	2	
0072.LSPMJ1143+2518	120	08:51	11:43:23.6	+25:18:14	600	89	1.5	#222 M dwarfs	2	
0073.COMP	10	08:54	11:43:23.6	+25:18:14	600	89	1.5	0 Calibration	2	
0074.LSPMJ1143+2518	120	08:59	11:43:23.6	+25:18:14	600	89	1.5	#222 M dwarfs	2	
0075.COMP	10	09:01	11:43:23.6	+25:18:14	600	90	1.5	0 Calibration	2	
0076.LSPMJ1143+2518	600	09:04	11:43:23.6	+25:18:14	600	90	1.5	#222 M dwarfs	2	
0077.COMP	10	09:15	11:43:23.6	+25:18:14	600	90	1.5	0 Calibration	2	

UT Date 2015-04-18 Observers WillnerColl. Focus 1395 Grating/Grism 600

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0078.LSPMJ1205+5623	600	09:22	12:05:36.4	+56:23:45	600	90	2.0	#222 M dwarfs	2	
0079.COMP	10	09:32	12:05:36.4	+56:23:45	600	90	2.0	0 Calibration	2	
0080.LSPMJ1205+5623	1200	09:34	12:05:36.4	+56:23:45	600	90	2.0	#222 M dwarfs	2	
0081.COMP	10	09:54	12:05:36.4	+56:23:45	600	90	2.0	0 Calibration	2	
0082.LSPMJ1233+6500	600	09:59	12:33:46.1	+65:00:05	600	89	2.0	#222 M dwarfs	2	
0083.COMP	10	10:17	12:33:46.1	+65:00:05	600	89	2.0	0 Calibration	2	
0084.LSPMJ1233+6500	1200	10:18	12:33:46.1	+65:00:05	600	89	2.0	#222 M dwarfs	2	
0085.COMP	10	10:38	12:33:46.1	+65:00:05	600	89	2.0	0 Calibration	2	
0086.BDp262606	60	10:44	14:49:02.4	+25:42:09	600	89	2.0	#56 Spectropho	2	
0087.COMP	10	10:46	14:49:02.4	+25:42:09	600	89	2.0	0 Calibration	2	
0088.LSPMJ1504+4858	600	10:51	15:04:06.3	+48:58:54	600	89	2.0	#222 M dwarfs	2	
0089.COMP	10	11:01	15:04:06.3	+48:58:54	600	90	2.0	0 Calibration	2	
0090.LSPMJ1504+4858	600	11:02	15:04:06.3	+48:58:54	600	90	2.0	#222 M dwarfs	2	
0091.COMP	10	11:12	15:04:06.3	+48:58:54	600	89	2.0	0 Calibration	2	
0092.LSPMJ1542+6533	600	11:15	15:42:14.3	+65:33:12	600	88	2.0	#222 M dwarfs	2	
0093.COMP	10	11:25	15:42:14.3	+65:33:12	600	88	2.0	0 Calibration	2	
0094.LSPMJ1610+3954	600	11:28	16:10:30.4	+39:54:26	600	88	2.0	#222 M dwarfs	2	
0095.COMP	10	11:39	16:10:30.4	+39:54:26	600	88	2.0	0 Calibration	2	
0096.LSPMJ1610+3954	1200	11:39	16:10:30.4	+39:54:26	600	88	2.0	#222 M dwarfs	2	
0097.COMP	10	12:00	16:10:30.4	+39:54:26	600	90	2.0	0 Calibration	2	

UT Date 2015-04-18 Observers WillnerColl. Focus 1395 Grating/Grism 600

<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>
0100.BDp262606	120	12:06	14:49:02.4	+25:42:09	600	90	2.0	#56 Spectropho	2	
0101.COMP	10	12:08	14:49:02.4	+25:42:09	600	90	2.0	0 Calibration	2	
0102-0111.BIAS	0	12:12	14:49:02.4	+25:42:09	600	90	2.0	0 Calibration	2	
0113-0122.FLAT	12	12:24	14:49:02.4	+25:42:09	600	90	2.0	0 Calibration	2	
0123.DARK	10	12:28	14:49:02.4	+25:42:09	600	90	2.0	0 Calibration	2	
0124-0129.DARK	1200	14:10	14:49:02.4	+25:42:09	600	90	2.0	0 Calibration	2	
test	900	19:18	01:32:00.6	+31:26:03	600	90	1.5	#178 Low Mass	2	

UT Date 2015-04-19 Observers WillnerColl. Focus 1395 Grating/Grism 600

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	22:19	04:16:51.0	+31:28:30	600	89	2.0	0 Calibration	2	
0011-0020.FLAT	12	22:23	04:16:51.0	+31:28:30	600	89	2.0	0 Calibration	2	
0021-0026.DARK	1200	00:09	04:16:51.0	+31:28:30	600	89	2.0	0 Calibration	2	
0027-0036.FLAT	12	02:06	04:16:51.0	+31:28:30	600	89	2.0	0 Calibration	2	
0037.HIP44127	5	02:15	08:59:12.8	+48:02:32	600	89	2.0	#57 Velocity S	2	
0038.HD84937	30	02:31	09:48:56.1	+13:44:39	600	89	2.0	#56 Spectropho	2	
0039.COMP	10	02:32	09:48:56.1	+13:44:39	600	89	2.0	0 Calibration	2	
0040.LSPMJ1056+0319	600	02:39	10:56:59.7	+03:19:33	600	89	2.0	#222 M dwarfs	2	
0041.COMP	10	02:50	10:56:59.7	+03:19:33	600	87	2.0	0 Calibration	2	
0042.LSPMJ1056+0319	720	02:51	10:56:59.7	+03:19:33	600	87	2.0	#222 M dwarfs	2	
0043.COMP	10	03:04	10:56:59.7	+03:19:33	600	88	2.0	0 Calibration	2	
0044.LSPMJ0613+5317	720	03:08	06:13:10.9	+53:17:55	600	88	2.0	#222 M dwarfs	2	
0045.COMP	10	03:21	06:13:10.9	+53:17:55	600	89	2.0	0 Calibration	2	
0046.LSPMJ0613+5317	1200	03:25	06:13:10.9	+53:17:55	600	89	2.0	#222 M dwarfs	2	
0047.COMP	10	03:45	06:13:10.9	+53:17:55	600	88	2.0	0 Calibration	2	
0048.LSPMJ0735+3333	600	03:54	07:35:54.6	+33:33:46	600	88	2.0	#222 M dwarfs	2	
0049.COMP	10	04:05	07:35:54.6	+33:33:46	600	89	2.0	0 Calibration	2	
0050.LSPMJ0735+3333	1020	04:06	07:35:54.6	+33:33:46	600	89	2.0	#222 M dwarfs	2	
0051.COMP	10	04:23	07:35:54.6	+33:33:46	600	89	2.0	0 Calibration	2	
0052.LSPMJ0735+3333	1020	04:24	07:35:54.6	+33:33:46	600	89	2.0	#222 M dwarfs	2	

UT Date 2015-04-19 Observers WillnerColl. Focus 1395 Grating/Grism 600

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0053.COMP	10	04:42	07:35:54.6	+33:33:46	600	88	2.0	0 Calibration	2	
0054.LSPMJ0836+2254	600	04:44	08:36:29.5	+22:54:45	600	88	2.0	#222 M dwarfs	2	
0055.COMP	10	04:54	08:36:29.5	+22:54:45	600	89	2.0	0 Calibration	2	
0056.LSPMJ0836+2254	600	04:55	08:36:29.5	+22:54:45	600	89	2.0	#222 M dwarfs	2	
0057.COMP	10	05:05	08:36:29.5	+22:54:45	600	89	2.0	0 Calibration	2	
0058.LSPMJ0855+5251	600	05:08	08:55:06.6	+52:51:28	600	89	2.0	#222 M dwarfs	2	
0059.COMP	10	05:18	08:55:06.6	+52:51:28	600	89	2.0	0 Calibration	2	
0060.LSPMJ0953+2236	600	05:21	09:53:57.8	+22:36:47	600	89	2.0	#222 M dwarfs	2	
0061.COMP	10	05:32	09:53:57.8	+22:36:47	600	88	2.0	0 Calibration	2	
0062.LSPMJ0953+2236	1200	05:34	09:53:57.8	+22:36:47	600	88	2.0	#222 M dwarfs	2	
0063.COMP	10	05:54	09:53:57.8	+22:36:47	600	89	2.0	0 Calibration	2	
0064.LSPMJ0953+2236	1200	05:55	09:53:57.8	+22:36:47	600	89	2.0	#222 M dwarfs	2	
0065.COMP	10	06:15	09:53:57.8	+22:36:47	600	89	2.0	0 Calibration	2	
0066.LSPMJ0855+5251	600	06:18	08:55:06.6	+52:51:28	600	88	2.0	#222 M dwarfs	2	
0067.COMP	10	06:29	08:55:06.6	+52:51:28	600	88	2.0	0 Calibration	2	
0068.HD84937	30	06:31	09:48:56.1	+13:44:39	600	88	2.0	#222 M dwarfs	2	
0069.COMP	10	06:32	09:48:56.1	+13:44:39	600	88	2.0	0 Calibration	2	
0070.LSPMJ1014+2123	600	06:35	10:14:53.1	+21:23:46	600	88	2.0	#222 M dwarfs	2	
0071.COMP	10	06:45	10:14:53.1	+21:23:46	600	89	2.0	0 Calibration	2	
0072.LSPMJ1057+0453	600	06:49	10:57:46.5	+04:53:32	600	89	2.0	#222 M dwarfs	2	

UT Date 2015-04-19 Observers WillnerColl. Focus 1395 Grating/Grism 600

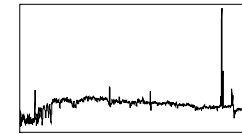
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0073.COMP	10	06:59	10:57:46.5	+04:53:32	600	88	2.0	0 Calibration	2	
0074.LSPMJ1057+0453	900	07:00	10:57:46.5	+04:53:32	600	88	2.0	#222 M dwarfs	2	
0075.COMP	10	07:15	10:57:46.5	+04:53:32	600	88	2.0	0 Calibration	2	
0076.LSPMJ1056+3246	600	07:17	10:56:46.3	+32:46:28	600	88	2.0	#222 M dwarfs	2	
0077.COMP	10	07:27	10:56:46.3	+32:46:28	600	89	2.0	0 Calibration	2	
0078.LSPMJ1056+3246	600	07:28	10:56:46.3	+32:46:28	600	89	2.0	#222 M dwarfs	2	
0079.COMP	10	07:39	10:56:46.3	+32:46:28	600	89	2.0	0 Calibration	2	
0080.LSPMJ1240+1955	600	07:41	12:40:41.1	+19:55:24	600	89	2.0	#222 M dwarfs	2	
0081.COMP	10	07:51	12:40:41.1	+19:55:24	600	89	2.0	0 Calibration	2	
0082.LSPMJ1240+1955	600	07:52	12:40:41.1	+19:55:24	600	89	2.0	#222 M dwarfs	2	
0083.COMP	10	08:02	12:40:41.1	+19:55:24	600	89	2.0	0 Calibration	2	
0084.LSPMJ1240+1946	600	08:04	12:40:18.8	+19:46:12	600	89	2.0	#222 M dwarfs	2	
0085.COMP	10	08:15	12:40:18.8	+19:46:12	600	89	2.0	0 Calibration	2	
0086.LSPMJ1418+1812N	600	08:16	14:18:41.1	+18:12:21	600	89	2.0	#222 M dwarfs	2	
0087.COMP	10	08:26	14:18:41.1	+18:12:21	600	88	2.0	0 Calibration	2	
0088.PM_I14255-1148	300	08:29	14:25:34.1	-11:48:52	600	88	2.0	#222 M dwarfs	2	
0089.COMP	10	08:34	14:25:34.1	-11:48:52	600	88	2.0	0 Calibration	2	
0090.LSPMJ1432+1600W	300	08:43	14:32:10.8	+16:00:49	600	88	2.0	#222 M dwarfs	2	
0091.COMP	10	08:48	14:32:10.8	+16:00:49	600	88	2.0	0 Calibration	2	
0092.PM_I15290-0612	300	08:51	15:29:01.4	-06:12:46	600	88	2.0	#222 M dwarfs	2	

UT Date 2015-04-19 Observers WillnerColl. Focus 1395 Grating/Grism 600

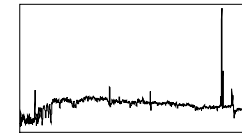
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0093.COMP	10	08:57	15:29:01.4	-06:12:46	600	88	2.0	0 Calibration	2	
0094.BDp262606	90	08:59	14:49:02.4	+25:42:09	600	88	2.0	#222 M dwarfs	2	
0095.COMP	10	09:01	14:49:02.4	+25:42:09	600	88	2.0	0 Calibration	2	
0096.BDp262606	90	09:02	14:49:02.4	+25:42:09	600	88	2.0	#222 M dwarfs	2	
0097.COMP	10	09:04	14:49:02.4	+25:42:09	600	88	2.0	0 Calibration	2	
0098.LSPMJ1649+0838	300	09:08	16:49:00.8	+08:38:33	600	88	2.0	#222 M dwarfs	2	
0099.COMP	10	09:13	16:49:00.8	+08:38:33	600	88	2.0	0 Calibration	2	
0100.LSPMJ1649+0838	300	09:14	16:49:00.8	+08:38:33	600	88	2.0	#222 M dwarfs	2	
0101.COMP	10	09:19	16:49:00.8	+08:38:33	600	88	2.0	0 Calibration	2	
0102.LSPMJ1649+0838	300	09:20	16:49:00.8	+08:38:33	600	88	2.0	#222 M dwarfs	2	
0103.COMP	10	09:25	16:49:00.8	+08:38:33	600	88	2.0	0 Calibration	2	
0104.LSPMJ1717+1140	600	09:28	17:17:44.1	+11:40:12	600	88	2.0	#222 M dwarfs	2	
0105.COMP	10	09:38	17:17:44.1	+11:40:12	600	88	2.0	0 Calibration	2	
0106.LSPMJ1717+1140	600	09:39	17:17:44.1	+11:40:12	600	88	2.0	#222 M dwarfs	2	
0107.COMP	10	09:50	17:17:44.1	+11:40:12	600	88	2.0	0 Calibration	2	
0108.LSPMJ1839+3324	600	10:41	18:40:00.0	+33:24:54	600	88	2.0	#222 M dwarfs	2	
0109.COMP	10	10:51	18:40:00.0	+33:24:54	600	85	2.0	0 Calibration	2	
0110.LSPMJ1844+3633	300	10:55	18:44:42.4	+36:33:45	600	85	2.0	#222 M dwarfs	2	
0111.COMP	10	11:01	18:44:42.4	+36:33:45	600	85	2.0	0 Calibration	2	
0112.LSPMJ1844+3633	300	11:02	18:44:42.4	+36:33:45	600	85	2.0	#222 M dwarfs	2	

UT Date 2015-04-19 Observers WillnerColl. Focus 1395 Grating/Grism 600

<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>
0113.COMP	10	11:07	18:44:42.4	+36:33:45	600	86	2.0	0 Calibration	2	
0114.LSPMJ1725+6935	600	11:24	17:25:05.1	+69:35:41	600	86	2.0	#222 M dwarfs	2	
0115.COMP	10	11:35	17:25:05.1	+69:35:41	600	89	2.0	0 Calibration	2	
0116.LSPMJ1725+6935	900	11:35	17:25:05.1	+69:35:41	600	89	2.0	#222 M dwarfs	2	
0117.COMP	10	11:51	17:25:05.1	+69:35:41	600	88	2.0	0 Calibration	2	
0118.LSPMJ1725+6935	600	11:52	17:25:05.1	+69:35:41	600	88	2.0	#222 M dwarfs	2	
0119.COMP	10	12:03	17:25:05.1	+69:35:41	600	89	2.0	0 Calibration	2	
0120-0129.BIAS	0	12:25	15:42:44.6	+26:17:44	600	89	2.0	0 Calibration	2	
0130-0139.FLAT	12	12:29	15:42:44.6	+26:17:44	600	89	2.0	0 Calibration	2	
0140-0145.DARK	1200	14:12	15:42:44.6	+26:17:44	600	89	2.0	0 Calibration	2	

UT Date 2015-04-20 Observers WillnerColl. Focus 1357 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.COMP	5	21:27	15:42:44.6	+26:17:44	600	89	2.0	0 Calibration	2	
0002.fastfoc	12	21:35	15:42:44.6	+26:17:44	600	89	2.0	#57 Velocity S	2	
0003.fastfoc	12	21:36	15:42:44.6	+26:17:44	600	89	2.0	#57 Velocity S	2	
0004.fastfoc	12	21:37	15:42:44.6	+26:17:44	600	89	2.0	#57 Velocity S	2	
0005.fastfoc	12	21:37	15:42:44.6	+26:17:44	600	89	2.0	#57 Velocity S	2	
0006.fastfoc	12	21:38	15:42:44.6	+26:17:44	600	89	2.0	#57 Velocity S	2	
0007.fastfoc	12	21:38	15:42:44.6	+26:17:44	600	89	2.0	#57 Velocity S	2	
0008.fastfoc	12	21:39	15:42:44.6	+26:17:44	600	89	2.0	#57 Velocity S	2	
0009.fastfoc	12	21:39	15:42:44.6	+26:17:44	600	89	2.0	#57 Velocity S	2	
0010-0019.BIAS	0	21:50	15:42:44.6	+26:17:44	600	89	2.0	0 Calibration	2	
0035-0039.DARK	900	22:59	15:42:44.6	+26:17:44	600	89	2.0	0 Calibration	2	
0041.COMP	10	00:47	15:42:44.6	+26:17:44	300	89	3.0	0 Calibration	2	
0042-0051.BIAS	0	00:50	15:42:44.6	+26:17:44	300	89	3.0	0 Calibration	2	
0052-0066.FLAT	7	00:56	15:42:44.6	+26:17:44	300	89	3.0	0 Calibration	2	
0067.DARK	900	01:50	03:39:30.0	+31:27:00	300	89	3.0	0 Calibration	2	
0068.HD84937	30	02:28	09:48:56.1	+13:44:39	300	89	3.0	#56 Spectropho	2	
0069.COMP	5	02:29	09:48:56.1	+13:44:39	300	89	3.0	0 Calibration	2	
0070.COMP	10	02:31	09:48:56.1	+13:44:39	300	89	3.0	0 Calibration	2	
0071.Feige34	180	02:35	10:39:36.7	+43:06:09	300	89	3.0	#56 Spectropho	2	
0072.COMP	10	02:38	10:39:36.7	+43:06:09	300	89	3.0	0 Calibration	2	

UT Date 2015-04-20 Observers WillnerColl. Focus 1357 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0073.047_WHSS090314	300	03:11	09:03:07.2	+10:25:43	300	89	3.0	#221 Bright Hi	2	
0074.COMP	10	03:16	09:03:07.2	+10:25:43	300	88	3.0	0 Calibration	2	
0075.047_WHSS090314	600	03:17	09:03:07.2	+10:25:43	300	88	3.0	#221 Bright Hi	2	
0076.COMP	10	03:28	09:03:07.2	+10:25:43	300	87	3.0	0 Calibration	2	
0077.047_WHSS090314	600	03:28	09:03:07.2	+10:25:43	300	87	3.0	#221 Bright Hi	2	
0078.COMP	10	03:39	09:03:07.2	+10:25:43	300	88	3.0	0 Calibration	2	
0079.snASASSN-15hg	600	03:56	09:53:48.6	+09:11:38	300	0	3.0	#220 ASASSN Tr	2	
0080.COMP	10	04:06	09:53:48.6	+09:11:38	300	1	3.0	0 Calibration	2	
0081.snASASSN-15hg	600	04:07	09:53:48.6	+09:11:38	300	1	3.0	#220 ASASSN Tr	2	
0082.COMP	10	04:18	09:53:48.6	+09:11:38	300	0	3.0	0 Calibration	2	
0083.snASASSN-15hg	600	04:19	09:53:48.6	+09:11:38	300	0	3.0	#220 ASASSN Tr	2	
0084.COMP	10	04:29	09:53:48.6	+09:11:38	300	1	3.0	0 Calibration	2	
0085.090_WHSS110059	600	04:35	11:00:59.4	+21:48:02	300	1	3.0	#221 Bright Hi	2	
0086.COMP	10	04:46	11:00:59.4	+21:48:02	300	0	3.0	0 Calibration	2	
0087.094_WHSS111021	600	04:49	11:10:21.9	+26:13:59	300	0	3.0	#221 Bright Hi	2	
0088.COMP	10	05:00	11:10:21.9	+26:13:59	300	1	3.0	0 Calibration	2	
0089.094_WHSS111021	600	05:01	11:10:21.9	+26:13:59	300	1	3.0	#221 Bright Hi	2	
0090.COMP	10	05:11	11:10:21.9	+26:13:59	300	1	3.0	0 Calibration	2	
0091.102_WHSS112629	600	05:14	11:26:29.8	+26:37:23	300	1	3.0	#221 Bright Hi	2	
0092.COMP	10	05:25	11:26:29.8	+26:37:23	300	1	3.0	0 Calibration	2	

UT Date 2015-04-20 Observers WillnerColl. Focus 1357 Grating/Grism 300

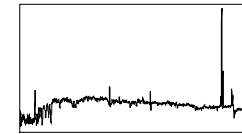
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0093.102_WHSS112629	600	05:26	11:26:29.8	+26:37:23	300	1	3.0	#221 Bright Hi	2	
0094.COMP	10	05:36	11:26:29.8	+26:37:23	300	1	3.0	0 Calibration	2	
0095.121_WHSS121155	600	05:38	12:11:55.3	+11:10:59	300	1	3.0	#221 Bright Hi	2	
0096.COMP	10	05:48	12:11:55.3	+11:10:59	300	1	3.0	0 Calibration	2	
0097.121_WHSS121155	600	05:49	12:11:55.3	+11:10:59	300	1	3.0	#221 Bright Hi	2	
0098.COMP	10	05:59	12:11:55.3	+11:10:59	300	0	3.0	0 Calibration	2	
0099.134_WHSS122803	600	06:01	12:28:03.6	+17:01:45	300	0	3.0	#221 Bright Hi	2	
0100.COMP	10	06:12	12:28:03.6	+17:01:45	300	1	3.0	0 Calibration	2	
0101.144_WHSS125440	600	06:18	12:54:40.6	+19:48:03	300	1	3.0	#221 Bright Hi	2	
0102.COMP	10	06:28	12:54:40.6	+19:48:03	300	0	3.0	0 Calibration	2	
0103.144_WHSS125440	600	06:29	12:54:40.6	+19:48:03	300	0	3.0	#221 Bright Hi	2	
0104.COMP	10	06:40	12:54:40.6	+19:48:03	300	0	3.0	0 Calibration	2	
0105.147_WHSS125555	600	06:43	12:55:55.7	+11:39:51	300	0	3.0	#221 Bright Hi	2	
0106.COMP	10	06:53	12:55:55.7	+11:39:51	300	1	3.0	0 Calibration	2	
0107.147_WHSS125555	600	06:54	12:55:55.7	+11:39:51	300	1	3.0	#221 Bright Hi	2	
0108.COMP	10	07:05	12:55:55.7	+11:39:51	300	0	3.0	0 Calibration	2	
0109.153_WHSS131812	600	07:06	13:18:12.5	+17:22:02	300	0	3.0	#221 Bright Hi	2	
0110.COMP	10	07:17	13:18:12.5	+17:22:02	300	1	3.0	0 Calibration	2	
0111.158_WHSS133841	600	07:19	13:38:41.5	+15:52:08	300	1	3.0	#221 Bright Hi	2	
0112.COMP	10	07:29	13:38:41.5	+15:52:08	300	1	3.0	0 Calibration	2	

UT Date 2015-04-20 Observers WillnerColl. Focus 1357 Grating/Grism 300

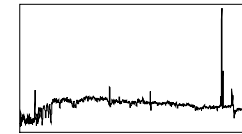
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0113.166_WHSS134627	600	07:32	13:46:27.9	+12:47:54	300	1	3.0	#221 Bright Hi	2	
0114.COMP	10	07:42	13:46:27.9	+12:47:54	300	1	3.0	0 Calibration	2	
0115.178_WHSS141050	600	07:45	14:10:50.7	+10:47:13	300	1	3.0	#221 Bright Hi	2	
0116.COMP	10	07:55	14:10:50.7	+10:47:13	300	1	3.0	0 Calibration	2	
0117.182_WHSS141706	600	07:57	14:17:06.1	+10:15:45	300	1	3.0	#221 Bright Hi	2	
0118.COMP	10	08:08	14:17:06.1	+10:15:45	300	0	3.0	0 Calibration	2	
0119.182_WHSS141706	600	08:08	14:17:06.1	+10:15:45	300	0	3.0	#221 Bright Hi	2	
0120.COMP	10	08:19	14:17:06.1	+10:15:45	300	0	3.0	0 Calibration	2	
0121.186_WHSS143400	600	08:21	14:34:00.7	+11:16:31	300	0	3.0	#221 Bright Hi	2	
0122.COMP	10	08:32	14:34:00.7	+11:16:31	300	1	3.0	0 Calibration	2	
0123.186_WHSS143400	600	08:32	14:34:00.7	+11:16:31	300	1	3.0	#221 Bright Hi	2	
0124.COMP	10	08:43	14:34:00.7	+11:16:31	300	0	3.0	0 Calibration	2	
0125.193_WHSS145319	600	08:44	14:53:19.3	+19:58:23	300	0	3.0	#221 Bright Hi	2	
0126.COMP	10	08:55	14:53:19.3	+19:58:23	300	1	3.0	0 Calibration	2	
0127.193_WHSS145319	600	08:56	14:53:19.3	+19:58:23	300	1	3.0	#221 Bright Hi	2	
0128.COMP	10	09:06	14:53:19.3	+19:58:23	300	0	3.0	0 Calibration	2	
0129.202_WHSS151529	600	09:08	15:15:29.5	+22:52:07	300	0	3.0	#221 Bright Hi	2	
0130.COMP	10	09:18	15:15:29.5	+22:52:07	300	1	3.0	0 Calibration	2	
0131.202_WHSS151529	600	09:19	15:15:29.5	+22:52:07	300	1	3.0	#221 Bright Hi	2	
0132.COMP	10	09:29	15:15:29.5	+22:52:07	300	0	3.0	0 Calibration	2	

UT Date 2015-04-20 Observers WillnerColl. Focus 1357 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0133.212_WHSS153415	600	09:31	15:34:15.1	+15:39:22	300	0	3.0	#221 Bright Hi	2	
0134.COMP	10	09:41	15:34:15.1	+15:39:22	300	0	3.0	0 Calibration	2	
0135.212_WHSS153415	600	09:42	15:34:15.1	+15:39:22	300	0	3.0	#221 Bright Hi	2	
0136.COMP	10	09:52	15:34:15.1	+15:39:22	300	1	3.0	0 Calibration	2	
0137.243_WHSS161308	600	09:54	16:13:08.2	+12:37:51	300	1	3.0	#221 Bright Hi	2	
0138.COMP	10	10:05	16:13:08.2	+12:37:51	300	0	3.0	0 Calibration	2	
0139.251_WHSS162840	600	10:07	16:28:40.1	+16:19:45	300	0	3.0	#221 Bright Hi	2	
0140.COMP	10	10:18	16:28:40.1	+16:19:45	300	0	3.0	0 Calibration	2	
0141.251_WHSS162840	600	10:19	16:28:40.1	+16:19:45	300	0	3.0	#221 Bright Hi	2	
0142.COMP	10	10:29	16:28:40.1	+16:19:45	300	0	3.0	0 Calibration	2	
0143.254_WHSS162942	600	10:31	16:29:42.6	+17:28:11	300	0	3.0	#221 Bright Hi	2	
0144.COMP	10	10:41	16:29:42.6	+17:28:11	300	1	3.0	0 Calibration	2	
0145.258_WHSS163212	600	10:43	16:32:12.1	+14:32:32	300	1	3.0	#221 Bright Hi	2	
0146.COMP	10	10:53	16:32:12.1	+14:32:32	300	0	3.0	0 Calibration	2	
0147.259_WHSS163213	600	10:55	16:32:13.2	+13:34:30	300	0	3.0	#221 Bright Hi	2	
0148.COMP	10	11:05	16:32:13.2	+13:34:30	300	0	3.0	0 Calibration	2	
0149.260_WHSS163436	600	11:07	16:34:36.9	+15:44:22	300	0	3.0	#221 Bright Hi	2	
0150.COMP	10	11:18	16:34:36.9	+15:44:22	300	0	3.0	0 Calibration	2	
0151.261_WHSS163437	600	11:20	16:34:37.5	+14:23:10	300	0	3.0	#221 Bright Hi	2	
0152.COMP	10	11:30	16:34:37.5	+14:23:10	300	1	3.0	0 Calibration	2	

UT Date 2015-04-20 Observers WillnerColl. Focus 1357 Grating/Grism 300

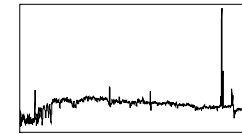
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0153.261.WHSS163437	600	11:31	16:34:37.5	+14:23:10	300	1	3.0	#221 Bright Hi	2	
0154.COMP	10	11:42	16:34:37.5	+14:23:10	300	1	3.0	0 Calibration	2	
0155.263.WHSS163500	600	11:44	16:35:00.4	+15:31:27	300	1	3.0	#221 Bright Hi	2	
0156.COMP	10	11:54	16:35:00.4	+15:31:27	300	0	3.0	0 Calibration	2	
0157.263.WHSS163500	300	11:55	16:35:00.4	+15:31:27	300	0	3.0	#221 Bright Hi	2	
0158.COMP	10	12:01	16:35:00.4	+15:31:27	300	0	3.0	0 Calibration	2	
0159.BDp332642	120	12:03	15:51:59.9	+32:56:54	300	0	3.0	#56 Spectropho	2	
0160.COMP	10	12:05	15:51:59.9	+32:56:54	300	0	3.0	0 Calibration	2	
0161.BDp262606	90	12:09	14:49:02.4	+25:42:09	300	0	3.0	#56 Spectropho	2	
0162.COMP	10	12:11	14:49:02.4	+25:42:09	300	0	3.0	0 Calibration	2	
0163-0172.BIAS	0	12:23	14:49:02.4	+25:42:09	300	0	3.0	0 Calibration	2	

UT Date 2015-04-21 Observers WillnerColl. Focus 1357 Grating/Grism 300

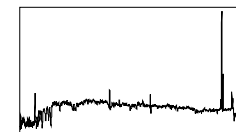
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	21:34	14:49:02.4	+25:42:09	300	0	3.0	0 Calibration	2	
0011-0022.DARK	600	23:29	14:49:02.4	+25:42:09	300	0	3.0	0 Calibration	2	
0023.DARK	900	01:54	14:49:02.4	+25:42:09	300	0	3.0	0 Calibration	2	
0024-0033.FLAT	12	02:13	14:49:02.4	+25:42:09	300	0	3.0	0 Calibration	2	
0035.Feige34	180	02:34	10:39:36.7	+43:06:09	300	0	3.0	#56 Spectropho	2	
0036.COMP	10	02:37	10:39:36.7	+43:06:09	300	0	3.0	0 Calibration	2	
0037.HD84937	30	02:40	09:48:56.1	+13:44:39	300	0	3.0	#56 Spectropho	2	
0038.COMP	10	02:41	09:48:56.1	+13:44:39	300	0	3.0	0 Calibration	2	
0039.065_WHSS100011	600	02:50	10:00:11.4	+24:51:52	300	0	3.0	#221 Bright Hi	2	
0040.COMP	10	03:01	10:00:11.4	+24:51:52	300	-1	3.0	0 Calibration	2	
0041.065_WHSS100011	600	03:01	10:00:11.4	+24:51:52	300	-1	3.0	#221 Bright Hi	2	
0042.COMP	10	03:12	10:00:11.4	+24:51:52	300	0	3.0	0 Calibration	2	
0044.snASASSN-15hg	900	03:34	09:53:48.6	+09:11:38	300	0	3.0	#220 ASASSN Tr	2	
0045.COMP	10	03:49	09:53:48.6	+09:11:38	300	0	3.0	0 Calibration	2	
0046.045_WHSS085720	600	03:58	08:57:20.4	+21:42:18	300	0	3.0	#221 Bright Hi	2	
0047.COMP	10	04:09	08:57:20.4	+21:42:18	300	0	3.0	0 Calibration	2	
0048.045_WHSS085720	600	04:12	08:57:20.4	+21:42:18	300	0	3.0	#221 Bright Hi	2	
0049.COMP	10	04:22	08:57:20.4	+21:42:18	300	0	3.0	0 Calibration	2	
0050.041_WHSS085050	600	04:26	08:50:50.3	+40:49:52	300	0	3.0	#221 Bright Hi	2	
0051.COMP	10	04:36	08:50:50.3	+40:49:52	300	1	3.0	0 Calibration	2	

UT Date 2015-04-21 Observers WillnerColl. Focus 1357 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0052.042_WHSS085247	600	04:40	08:52:47.2	+50:03:59	300	1	3.0	#221 Bright Hi	2	
0053.COMP	10	04:50	08:52:47.2	+50:03:59	300	0	3.0	0 Calibration	2	
0054.042_WHSS085247	600	04:51	08:52:47.2	+50:03:59	300	0	3.0	#221 Bright Hi	2	
0056.043_WHSS085600	600	05:15	08:56:00.7	+47:15:20	300	0	3.0	#221 Bright Hi	2	
0057.COMP	10	05:25	08:56:00.7	+47:15:20	300	0	3.0	0 Calibration	2	
0058.043_WHSS085600	600	05:27	08:56:00.7	+47:15:20	300	0	3.0	#221 Bright Hi	2	
0059.COMP	10	05:37	08:56:00.7	+47:15:20	300	0	3.0	0 Calibration	2	
0060.044_WHSS085632	600	05:39	08:56:32.4	+50:41:14	300	1	3.0	#221 Bright Hi	2	
0061.COMP	10	05:49	08:56:32.4	+50:41:14	300	1	3.0	0 Calibration	2	
0062.054_WHSS092141	600	05:52	09:21:41.8	+51:01:33	300	1	3.0	#221 Bright Hi	2	
0063.COMP	10	06:03	09:21:41.8	+51:01:33	300	0	3.0	0 Calibration	2	
0064.054_WHSS092141	600	06:04	09:21:41.8	+51:01:33	300	0	3.0	#221 Bright Hi	2	
0065.COMP	10	06:14	09:21:41.8	+51:01:33	300	0	3.0	0 Calibration	2	
0066.snASASSN-15hg	900	06:19	09:53:48.6	+09:11:38	300	1	3.0	#220 ASASSN Tr	2	
0067.COMP	10	06:35	09:53:48.6	+09:11:38	300	1	3.0	0 Calibration	2	
0068.snASASSN-15ga	900	06:40	12:59:27.3	+14:10:16	300	1	3.0	#220 ASASSN Tr	2	
0069.COMP	10	06:56	12:59:27.3	+14:10:16	300	1	3.0	0 Calibration	2	
0070.snASASSN-15ga	900	06:57	12:59:27.3	+14:10:16	300	1	3.0	#220 ASASSN Tr	2	
0071.COMP	10	07:13	12:59:27.3	+14:10:16	300	0	3.0	0 Calibration	2	
0072.128_WHSS121734	600	07:15	12:17:35.0	+40:47:01	300	0	3.0	#221 Bright Hi	2	

UT Date 2015-04-21 Observers WillnerColl. Focus 1357 Grating/Grism 300

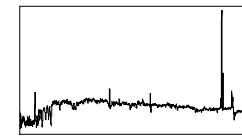
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0073.COMP	10	07:26	12:17:35.0	+40:47:01	300	1	3.0	0 Calibration	2	
0074.128_WHSS121734	600	07:27	12:17:35.0	+40:47:01	300	1	3.0	#221 Bright Hi	2	
0075.COMP	10	07:37	12:17:35.0	+40:47:01	300	0	3.0	0 Calibration	2	
0076.130_WHSS122006	600	07:39	12:20:06.8	+40:49:36	300	0	3.0	#221 Bright Hi	2	
0077.COMP	10	07:50	12:20:06.8	+40:49:36	300	0	3.0	0 Calibration	2	
0078.130_WHSS122006	600	07:52	12:20:06.8	+40:49:36	300	0	3.0	#221 Bright Hi	2	
0079.COMP	10	08:03	12:20:06.8	+40:49:36	300	0	3.0	0 Calibration	2	
0080.136_WHSS123033	600	08:05	12:30:33.2	+41:34:41	300	0	3.0	#221 Bright Hi	2	
0081.COMP	10	08:15	12:30:33.2	+41:34:41	300	0	3.0	0 Calibration	2	
0082.136_WHSS123033	600	08:16	12:30:33.2	+41:34:41	300	0	3.0	#221 Bright Hi	2	
0083.COMP	10	08:26	12:30:33.2	+41:34:41	300	1	3.0	0 Calibration	2	
0084.141_WHSS124146	600	08:28	12:41:46.3	+41:03:27	300	1	3.0	#221 Bright Hi	2	
0085.COMP	10	08:38	12:41:46.3	+41:03:27	300	1	3.0	0 Calibration	2	
0086.141_WHSS124146	600	08:39	12:41:46.3	+41:03:27	300	1	3.0	#221 Bright Hi	2	
0087.COMP	10	08:49	12:41:46.3	+41:03:27	300	0	3.0	0 Calibration	2	
0088.169_WHSS135824	600	08:54	13:58:24.6	+40:14:43	300	0	3.0	#221 Bright Hi	2	
0089.COMP	10	09:04	13:58:24.6	+40:14:43	300	0	3.0	0 Calibration	2	
0090.17331455-0848273	900	10:06	17:33:14.5	-08:48:27	300	0	3.0	#141 2MASS Red	2	
0091.COMP	10	10:21	17:33:14.5	-08:48:27	300	0	3.0	0 Calibration	2	
0092.248_WHSS162043	600	10:26	16:20:43.3	+28:20:37	300	0	3.0	#221 Bright Hi	2	

UT Date 2015-04-21 Observers WillnerColl. Focus 1357 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0093.COMP	10	10:36	16:20:43.3	+28:20:37	300	1	3.0	0 Calibration	2	
0094.248_WHSS162043	600	10:37	16:20:43.3	+28:20:37	300	1	3.0	#221 Bright Hi	2	
0095.COMP	10	10:48	16:20:43.3	+28:20:37	300	1	3.0	0 Calibration	2	
0096.249_WHSS162044	600	10:51	16:20:44.2	+11:37:05	300	1	3.0	#221 Bright Hi	2	
0097.COMP	10	11:01	16:20:44.2	+11:37:05	300	1	3.0	0 Calibration	2	
0098.249_WHSS162044	600	11:02	16:20:44.2	+11:37:05	300	1	3.0	#221 Bright Hi	2	
0099.COMP	10	11:12	16:20:44.2	+11:37:05	300	0	3.0	0 Calibration	2	
0100.253_WHSS162856	600	11:15	16:28:56.6	+31:47:56	300	0	3.0	#221 Bright Hi	2	
0101.COMP	10	11:26	16:28:56.6	+31:47:56	300	1	3.0	0 Calibration	2	
0102.255_WHSS163020	600	11:29	16:30:20.8	+36:49:56	300	1	3.0	#221 Bright Hi	2	
0103.COMP	10	11:40	16:30:20.8	+36:49:56	300	0	3.0	0 Calibration	2	
0104.245_WHSS161756	600	11:44	16:17:56.2	+40:11:20	300	0	3.0	#221 Bright Hi	2	
0105.COMP	10	11:55	16:17:56.2	+40:11:20	300	0	3.0	0 Calibration	2	
0106.BDp332642	120	11:58	15:51:59.9	+32:56:54	300	0	3.0	#56 Spectropho	2	
0107.COMP	10	12:00	15:51:59.9	+32:56:54	300	0	3.0	0 Calibration	2	
0108.BDp262606	90	12:02	14:49:02.4	+25:42:09	300	0	3.0	#56 Spectropho	2	
0109.COMP	10	12:03	14:49:02.4	+25:42:09	300	0	3.0	0 Calibration	2	
0110-0119.BIAS	0	12:12	14:49:02.4	+25:42:09	300	0	3.0	0 Calibration	2	
0120-0139.FLAT	12	12:19	14:49:02.4	+25:42:09	300	0	3.0	0 Calibration	2	
0140-0149.DARK	600	13:54	14:49:02.4	+25:42:09	300	0	3.0	0 Calibration	2	

UT Date 2015-04-21 Observers WillnerColl. Focus 1357 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>
0150-0151.DARK	900	14:20	14:49:02.4	+25:42:09	300	0	3.0	0 Calibration	2	

UT Date 2015-04-22 Observers WillnerColl. Focus 1387 Grating/Grism 600

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0002.DARK	600	22:09	14:49:02.4	+25:42:09	300	0	3.0	0 Calibration	2	
0003-0012.BIAS	0	22:30	14:49:02.4	+25:42:09	300	0	3.0	0 Calibration	2	
0013-0022.DARK	600	00:50	14:49:02.4	+25:42:09	300	0	3.0	0 Calibration	2	
0023-0024.DARK	900	01:45	14:49:02.4	+25:42:09	300	0	3.0	0 Calibration	2	
0025.COMP	5	02:02	14:49:02.4	+25:42:09	300	0	3.0	0 Calibration	2	
0026-0035.FLAT	12	02:07	14:49:02.4	+25:42:09	300	0	3.0	0 Calibration	2	
0036.HD84937	30	02:19	09:48:56.1	+13:44:39	300	0	3.0	#56 Spectropho	2	
0037.COMP	10	02:19	09:48:56.1	+13:44:39	300	0	3.0	0 Calibration	2	
0038.Feige34	180	02:36	10:39:36.7	+43:06:09	300	0	3.0	#56 Spectropho	2	
0039.COMP	10	02:39	10:39:36.7	+43:06:09	300	-1	3.0	0 Calibration	2	
0040.snASASSN-15ho	900	02:47	09:09:23.8	-04:43:31	300	-1	3.0	#220 ASASSN Tr	2	
0041.COMP	10	03:02	09:09:23.8	-04:43:31	300	0	3.0	0 Calibration	2	
0042.snASASSN-15ho	900	03:06	09:09:23.8	-04:43:31	300	0	3.0	#220 ASASSN Tr	2	
0043.COMP	10	03:21	09:09:23.8	-04:43:31	300	1	3.0	0 Calibration	2	
0044.AWI0005c3v	60	03:28	07:17:28.9	+35:04:54	300	1	3.0	#219 Disk Dete	2	
0045.COMP	10	03:30	07:17:28.9	+35:04:54	300	1	3.0	0 Calibration	2	
0046.AWI0005c3v	150	03:31	07:17:28.9	+35:04:54	300	1	3.0	#219 Disk Dete	2	
0047.COMP	10	03:34	07:17:28.9	+35:04:54	300	1	3.0	0 Calibration	2	
0048.AWI0005c3v	150	03:35	07:17:28.9	+35:04:54	300	1	3.0	#219 Disk Dete	2	
0049.COMP	10	03:38	07:17:28.9	+35:04:54	300	1	3.0	0 Calibration	2	

UT Date 2015-04-22 Observers WillnerColl. Focus 1387 Grating/Grism 600

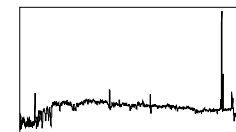
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0050.AWI000561a	10	03:40	07:44:09.1	+02:01:27	300	1	3.0	#219 Disk Dete	2	
0051.COMP	10	03:41	07:44:09.1	+02:01:27	300	1	3.0	0 Calibration	2	
0052.AWI000561a	100	03:42	07:44:09.1	+02:01:27	300	1	3.0	#219 Disk Dete	2	
0053.COMP	10	03:44	07:44:09.1	+02:01:27	300	1	3.0	0 Calibration	2	
0054.AWI000561a	60	03:45	07:44:09.1	+02:01:27	300	1	3.0	#219 Disk Dete	2	
0055.COMP	10	03:47	07:44:09.1	+02:01:27	300	1	3.0	0 Calibration	2	
0056.AWI000561a	60	03:52	07:44:09.1	+02:01:27	300	1	3.0	#219 Disk Dete	2	
0057.COMP	10	03:53	07:44:09.1	+02:01:27	300	1	3.0	0 Calibration	2	
0058.046_WHSS085828	600	03:56	08:58:28.7	+34:23:44	300	1	3.0	#221 Bright Hi	2	
0059.COMP	10	04:06	08:58:28.7	+34:23:44	300	1	3.0	0 Calibration	2	
0060.048_WHSS090645	600	04:10	09:06:45.4	+16:06:48	300	1	3.0	#221 Bright Hi	2	
0061.COMP	10	04:20	09:06:45.4	+16:06:48	300	1	3.0	0 Calibration	2	
0062.048_WHSS090645	600	04:21	09:06:45.4	+16:06:48	300	1	3.0	#221 Bright Hi	2	
0063.COMP	10	04:31	09:06:45.4	+16:06:48	300	1	3.0	0 Calibration	2	
0064.050_WHSS091432	600	04:34	09:14:32.5	+15:05:39	300	1	3.0	#221 Bright Hi	2	
0065.COMP	10	04:44	09:14:32.5	+15:05:39	300	1	3.0	0 Calibration	2	
0066.050_WHSS091432	600	04:53	09:14:32.5	+15:05:39	300	1	3.0	#221 Bright Hi	2	
0067.COMP	10	05:04	09:14:32.5	+15:05:39	300	0	3.0	0 Calibration	2	
0068.053_WHSS092124	600	05:06	09:21:24.3	+13:48:16	300	0	3.0	#221 Bright Hi	2	
0069.COMP	10	05:17	09:21:24.3	+13:48:16	300	1	3.0	0 Calibration	2	

UT Date 2015-04-22 Observers WillnerColl. Focus 1387 Grating/Grism 600

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0070.COMP	10	05:18	09:21:24.3	+13:48:16	300	0	3.0	0 Calibration	2	
0071.053_WHSS092124	600	05:19	09:21:24.3	+13:48:16	300	0	3.0	#221 Bright Hi	2	
0072.COMP	10	05:29	09:21:24.3	+13:48:16	300	1	3.0	0 Calibration	2	
0073.snASASSN-15hg	900	05:35	09:53:48.6	+09:11:38	300	1	3.0	#220 ASASSN Tr	2	
0074.COMP	10	05:50	09:53:48.6	+09:11:38	300	0	3.0	0 Calibration	2	
0075.snASASSN-15hg	900	05:53	09:53:48.6	+09:11:38	300	0	3.0	#220 ASASSN Tr	2	
0076.COMP	10	06:08	09:53:48.6	+09:11:38	300	0	3.0	0 Calibration	2	
0091-0093.FLAT	12	06:24	09:53:48.6	+09:11:38	600	0	1.5	0 Calibration	2	
0094-0100.FLAT	12	06:26	13:37:25.2	+39:52:39	600	0	1.5	0 Calibration	2	
0101-0110.FLAT	12	06:30	13:37:25.2	+39:52:39	600	0	1.5	0 Calibration	4	
0111.HIP63125	4	06:39	12:56:01.8	+38:19:06	600	0	1.5	#57 Velocity S	4	
0112.COMP	10	06:43	13:37:25.2	+39:52:39	600	0	1.5	0 Calibration	4	
0113.j1337p39	1320	06:44	13:37:25.2	+39:52:39	600	0	1.5	#178 Low Mass	4	
0114.COMP	10	07:06	13:37:25.2	+39:52:39	600	0	1.5	0 Calibration	4	
0115.j1337p39	1320	07:07	13:37:25.2	+39:52:39	600	0	1.5	#178 Low Mass	4	
0116.COMP	10	07:30	13:37:25.2	+39:52:39	600	0	1.5	0 Calibration	4	
0117.j1337p39	1320	07:30	13:37:25.2	+39:52:39	600	0	1.5	#178 Low Mass	4	
0118.COMP	10	07:53	13:37:25.2	+39:52:39	600	0	1.5	0 Calibration	4	
0119.j1337p39	1320	07:54	13:37:25.2	+39:52:39	600	0	1.5	#178 Low Mass	4	
0120.COMP	10	08:16	13:37:25.2	+39:52:39	600	0	1.5	0 Calibration	4	

UT Date 2015-04-22 Observers WillnerColl. Focus 1387 Grating/Grism 600

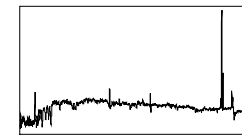
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0121.dr1557	1500	08:21	15:57:13.2	+04:05:53	600	0	1.5	#178 Low Mass	4	
0122.COMP	10	08:46	15:57:13.2	+04:05:53	600	-6	1.5	0 Calibration	4	
0123.dr1557	1500	08:47	15:57:13.2	+04:05:53	600	-6	1.5	#178 Low Mass	4	
0124.COMP	10	09:12	15:57:13.2	+04:05:53	600	-5	1.5	0 Calibration	4	
0125.dr1557	1500	09:13	15:57:13.2	+04:05:53	600	-5	1.5	#178 Low Mass	4	
0126.COMP	10	09:39	15:57:13.2	+04:05:53	600	-4	1.5	0 Calibration	4	
0127.dr1557	1500	09:39	15:57:13.2	+04:05:53	600	-4	1.5	#178 Low Mass	4	
0128.COMP	10	10:05	15:57:13.2	+04:05:53	600	-2	1.5	0 Calibration	4	
0129.wrong	1200	10:13	16:26:18.3	+11:24:34	600	-2	2.0	#178 Low Mass	4	
0130.COMP	10	10:33	16:26:18.3	+11:24:34	600	-1	2.0	0 Calibration	4	
0131.hotwd148	1200	10:35	16:26:18.3	+11:24:34	600	-1	2.0	#178 Low Mass	4	
0132.COMP	10	10:55	16:26:18.3	+11:24:34	600	0	2.0	0 Calibration	4	
0133.hotwd148	1200	10:56	16:26:18.3	+11:24:34	600	0	2.0	#178 Low Mass	4	
0134.COMP	10	11:16	16:26:18.3	+11:24:34	600	0	2.0	0 Calibration	4	
0135.hotwd148	1200	11:17	16:26:18.3	+11:24:34	600	0	2.0	#178 Low Mass	4	
0136.COMP	10	11:37	16:26:18.3	+11:24:34	600	0	2.0	0 Calibration	4	
0137.hotwd148	1200	11:38	16:26:18.3	+11:24:34	600	0	2.0	#178 Low Mass	4	
0138.COMP	10	11:59	16:26:18.3	+11:24:34	600	1	2.0	0 Calibration	4	
0139.BDp332642	120	12:00	15:51:59.9	+32:56:54	600	1	2.0	#56 Spectropho	4	
0140.COMP	10	12:02	15:51:59.9	+32:56:54	600	1	2.0	0 Calibration	4	



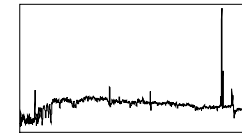
UT Date 2015-04-22 Observers Willner

Coll. Focus 1387 Grating/Grism 600

<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>
0141.BDp332642	120	12:03	15:51:59.9	+32:56:54	600	1	2.0	#56 Spectropho	4	
0142.COMP	10	12:05	15:51:59.9	+32:56:54	600	1	2.0	0 Calibration	4	
0143-0152.BIAS	0	12:08	15:51:59.9	+32:56:54	600	1	2.0	0 Calibration	4	
0153-0162.FLAT	12	12:12	15:51:59.9	+32:56:54	600	1	2.0	0 Calibration	4	
0163-0172.DARK	1200	15:17	15:51:59.9	+32:56:54	600	1	2.0	0 Calibration	4	

UT Date 2015-04-23 Observers M CalkinsColl. Focus 1387 Grating/Grism 600

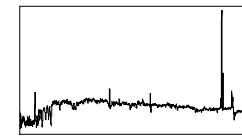
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0009.DARK	900	02:21	06:55:05.1	+31:31:54	600	90	2.0	0 Calibration	4	
0010-0020.BIAS	0	02:38	06:55:05.1	+31:31:54	600	90	2.0	0 Calibration	4	
0021-0040.FLAT	7	03:20	09:26:26.6	+31:34:38	300	90	3.0	0 Calibration	2	
0041-0050.BIAS	0	03:22	09:26:26.6	+31:34:38	300	90	3.0	0 Calibration	2	
0051.HD84937	30	03:27	09:48:54.9	+13:45:14	300	90	3.0	#21 Spectropho	2	
0052.COMP	10	03:28	09:48:54.9	+13:45:14	300	90	3.0	0 Calibration	2	
0053.Feige34	150	03:31	10:39:36.9	+43:06:11	300	90	3.0	#21 Spectropho	2	
0054.COMP	10	03:34	10:39:36.9	+43:06:11	300	90	3.0	0 Calibration	2	
0055.051_WHSS091449	1500	03:37	09:14:49.2	+29:16:00	300	89	3.0	#221 Bright Hi	2	
0056.COMP	10	04:03	09:14:49.2	+29:16:00	300	90	3.0	0 Calibration	2	
0057.055_WHSS092329	1200	04:05	09:23:30.0	+39:29:24	300	90	3.0	#221 Bright Hi	2	
0058.COMP	10	04:26	09:23:30.0	+39:29:24	300	90	3.0	0 Calibration	2	
0059.056_WHSS092915	1200	04:30	09:29:15.4	+50:13:36	300	90	3.0	#221 Bright Hi	2	
0060.COMP	10	04:50	09:29:15.4	+50:13:36	300	89	3.0	0 Calibration	2	
0061.057_WHSS093113	900	04:53	09:31:13.7	+34:22:30	300	89	3.0	#221 Bright Hi	2	
0062.COMP	10	05:09	09:31:13.7	+34:22:30	300	89	3.0	0 Calibration	2	
0063.058_WHSS093214	1800	05:11	09:32:14.8	+49:50:55	300	89	3.0	#221 Bright Hi	2	
0064.COMP	10	05:41	09:32:14.8	+49:50:55	300	89	3.0	0 Calibration	2	
0065.095_WHSS111203	780	05:43	11:12:03.9	+56:46:05	300	89	3.0	#221 Bright Hi	2	
0066.COMP	10	05:58	11:12:03.9	+56:46:05	300	89	3.0	0 Calibration	2	

UT Date 2015-04-23 Observers M CalkinsColl. Focus 1387 Grating/Grism 600

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0067.096_WHSS111231	1500	06:00	11:12:31.4	+39:48:45	300	89	3.0	#221 Bright Hi	2	
0068.COMP	10	06:25	11:12:31.4	+39:48:45	300	90	3.0	0 Calibration	2	
0069.DARK	900	07:28	11:15:44.6	+42:58:22	300	90	3.0	0 Calibration	4	For Ted by request
0070.097_WHSS111544	1800	07:49	11:15:44.6	+42:58:22	300	90	3.0	#221 Bright Hi	4	accidental binby4
0071.COMP	10	08:20	11:15:44.6	+42:58:22	300	90	3.0	0 Calibration	4	
0072.196_WHSS145810	600	08:22	14:58:10.5	+27:53:02	300	90	3.0	#221 Bright Hi	4	accidental binby4
0073.COMP	10	08:32	14:58:10.5	+27:53:02	300	89	3.0	0 Calibration	4	
0074.197_WHSS150303	1200	08:37	15:03:03.8	+52:22:45	300	89	3.0	#221 Bright Hi	4	accidental binby 4
0075.COMP	10	08:57	15:03:03.8	+52:22:45	300	89	3.0	0 Calibration	4	
0076-0085.FLAT	4	09:02	15:03:03.8	+52:22:45	300	89	3.0	0 Calibration	4	
0086.dr1557	1500	09:10	15:57:13.2	+04:05:53	600	90	1.5	#178 Low Mass	4	
0087.COMP	10	09:36	15:57:13.2	+04:05:53	600	89	1.5	0 Calibration	4	
0088.dr1557	1500	09:37	15:57:13.2	+04:05:53	600	89	1.5	#178 Low Mass	4	
0089.COMP	10	10:02	15:57:13.2	+04:05:53	600	89	1.5	0 Calibration	4	
0090.dr1557	1500	10:03	15:57:13.2	+04:05:53	600	89	1.5	#178 Low Mass	4	
0091.COMP	10	10:29	15:57:13.2	+04:05:53	600	90	1.5	0 Calibration	4	
0092.dr1557	1500	10:29	15:57:13.2	+04:05:53	600	90	1.5	#178 Low Mass	4	
0093.COMP	10	10:55	15:57:13.2	+04:05:53	600	89	1.5	0 Calibration	4	
0094.hotwd148	1200	10:57	16:26:18.3	+11:24:34	600	95	1.5	#178 Low Mass	4	
0095.COMP	10	11:17	16:26:18.3	+11:24:34	600	95	1.5	0 Calibration	4	

UT Date 2015-04-23 Observers M CalkinsColl. Focus 1387 Grating/Grism 600

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0096.hotwd148	1200	11:18	16:26:18.3	+11:24:34	600	95	1.5	#178 Low Mass	4	
0097.COMP	10	11:39	16:26:18.3	+11:24:34	600	95	1.5	0 Calibration	4	
0098.hotwd148	1200	11:39	16:26:18.3	+11:24:34	600	95	1.5	#178 Low Mass	4	
0099.COMP	10	12:00	16:26:18.3	+11:24:34	600	95	1.5	0 Calibration	4	
0100.BDp332642	150	12:04	15:51:59.9	+32:56:54	600	91	1.5	#56 Spectropho	4	
0101.COMP	10	12:07	15:51:59.9	+32:56:54	600	91	1.5	0 Calibration	4	
0112-0121.FLAT	12	12:41	15:51:59.9	+32:56:54	600	91	1.5	0 Calibration	4	
0122-0131.BIAS	0	12:43	15:51:59.9	+32:56:54	600	91	1.5	0 Calibration	4	
0132-0141.DARK	900	15:03	15:51:59.9	+32:56:54	600	91	1.5	0 Calibration	2	

UT Date 2015-04-24 Observers M CalkinsColl. Focus 1387 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	01:51	15:51:59.9	+32:56:54	600	91	1.5	0 Calibration	4	
0011-0020.BIAS	0	02:12	15:51:59.9	+32:56:54	600	91	1.5	0 Calibration	4	
0021-0040.FLAT	7	02:46	15:51:59.9	+32:56:54	300	91	3.0	0 Calibration	2	
0041-0050.BIAS	0	02:50	15:51:59.9	+32:56:54	300	91	3.0	0 Calibration	2	
0051.HD84937	30	02:55	09:48:56.1	+13:44:39	300	91	3.0	#56 Spectropho	2	
0052.COMP	10	02:56	09:48:56.1	+13:44:39	300	91	3.0	0 Calibration	2	
0053.Feige34	180	03:02	10:39:36.7	+43:06:09	300	91	3.0	#56 Spectropho	2	
0054.COMP	10	03:05	10:39:36.7	+43:06:09	300	90	3.0	0 Calibration	2	
0055.BGGem	600	03:09	06:03:31.0	+27:41:50	300	90	3.0	#12 Symbiotic	2	
0056.COMP	10	03:19	06:03:31.0	+27:41:50	300	90	3.0	0 Calibration	2	
0057.BXMon	15	03:21	07:25:23.0	-03:35:51	300	90	3.0	#12 Symbiotic	2	
0058.BXMon	180	03:22	07:25:23.0	-03:35:51	300	90	3.0	#12 Symbiotic	2	
0059.COMP	10	03:26	07:25:23.0	-03:35:51	300	91	3.0	0 Calibration	2	
0060.snASASSN-15hg	1800	03:29	09:53:48.6	+09:11:38	300	21	3.0	#220 ASASSN Tr	2	
0061.COMP	10	03:59	09:53:48.6	+09:11:38	300	21	3.0	0 Calibration	2	
0062.TXCVn	10	04:03	12:44:42.0	+36:45:48	300	90	3.0	#12 Symbiotic	2	
0063.TXCVn	30	04:04	12:44:42.0	+36:45:48	300	90	3.0	#12 Symbiotic	2	
0064.COMP	10	04:06	12:44:42.0	+36:45:48	300	90	3.0	0 Calibration	2	
0065.058_WHSS093214	1020	04:08	09:32:14.8	+49:50:55	300	90	3.0	#221 Bright Hi	2	
0066.COMP	10	04:26	09:32:14.8	+49:50:55	300	90	3.0	0 Calibration	2	

UT Date 2015-04-24 Observers M CalkinsColl. Focus 1387 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>
0067.059_WHSS093332	1500	04:28	09:33:32.7	+36:02:04	300	90	3.0	#221 Bright Hi	2	
0068.COMP	10	04:54	09:33:32.7	+36:02:04	300	90	3.0	0 Calibration	2	
0069.060_WHSS093433	1500	04:56	09:34:33.3	+10:37:53	300	80	3.0	#221 Bright Hi	2	
0070.COMP	10	05:21	09:34:33.3	+10:37:53	300	80	3.0	0 Calibration	2	
0071.061_WHSS094902	2400	05:24	09:49:03.0	+45:39:48	300	90	3.0	#221 Bright Hi	2	
0072.COMP	10	06:05	09:49:03.0	+45:39:48	300	90	3.0	0 Calibration	2	
0073.062_WHSS094909	720	06:07	09:49:09.2	+45:43:15	300	90	3.0	#221 Bright Hi	2	
0074.COMP	10	06:23	09:49:09.2	+45:43:15	300	90	3.0	0 Calibration	2	
0077-0086.BIAS	0	11:47	13:07:30.1	+24:27:40	300	90	3.0	0 Calibration	2	
0087-0106.FLAT	7	11:55	13:07:30.1	+24:27:40	300	90	3.0	0 Calibration	2	
0107-0116.DARK	900	14:15	13:07:30.1	+24:27:40	300	90	3.0	0 Calibration	2	