

UT Date 2014-05-02 Observers P BerlindColl. Focus 1350 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	01:38	09:42:00.1	+31:29:20	600	89	1.5	0 Calibration	2	
0011-0020.BIAS	0	01:41	09:42:00.1	+31:29:20	600	89	1.5	0 Calibration	4	
0021-0035.FLAT	12	01:48	09:42:00.1	+31:29:20	600	89	1.5	0 Calibration	4	
0036.Feige34	300	02:59	10:39:36.7	+43:06:09	600	89	1.5	#56 Spectropho	4	
0037.COMP	10	03:04	10:39:36.7	+43:06:09	600	89	1.5	0 Calibration	4	
0038.bcand510	1400	03:06	10:24:48.9	+08:56:20	600	89	1.5	#178 Low Mass	4	
0039.COMP	10	03:30	10:24:48.9	+08:56:20	600	89	1.5	0 Calibration	4	
0040.bcand510	1400	03:31	10:24:48.9	+08:56:20	600	89	1.5	#178 Low Mass	4	
0041.COMP	10	03:55	10:24:48.9	+08:56:20	600	89	1.5	0 Calibration	4	
0042.bcand510	1400	03:55	10:24:48.9	+08:56:20	600	89	1.5	#178 Low Mass	4	
0043.COMP	10	04:19	10:24:48.9	+08:56:20	600	89	1.5	0 Calibration	4	
0044.bcand510	1400	04:20	10:24:48.9	+08:56:20	600	89	1.5	#178 Low Mass	4	
0045.COMP	10	04:43	10:24:48.9	+08:56:20	600	89	1.5	0 Calibration	4	
0046.bcand510	1400	04:44	10:24:48.9	+08:56:20	600	87	1.5	#178 Low Mass	4	
0047.COMP	10	05:07	10:24:48.9	+08:56:20	600	87	1.5	0 Calibration	4	
0048.j0942p31	1500	05:10	09:42:00.1	+31:29:20	600	96	1.5	#178 Low Mass	4	
0049.COMP	10	05:35	09:42:00.1	+31:29:20	600	96	1.5	0 Calibration	4	
0050.j0942p31	1500	05:36	09:42:00.1	+31:29:20	600	96	1.5	#178 Low Mass	4	
0051.COMP	10	06:01	09:42:00.1	+31:29:20	600	96	1.5	0 Calibration	4	
0052.j0942p31	1500	06:02	09:42:00.1	+31:29:20	600	96	1.5	#178 Low Mass	4	

UT Date 2014-05-02 Observers P BerlindColl. Focus 1350 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0053.COMP	10	06:27	09:42:00.1	+31:29:20	600	96	1.5	0 Calibration	4	
0054.j0942p31	1500	06:29	09:42:00.1	+31:29:20	600	96	1.5	#178 Low Mass	4	
0055.COMP	10	06:54	09:42:00.1	+31:29:20	600	96	1.5	0 Calibration	4	
0056.j1441p01	1400	06:58	14:41:08.4	+01:10:20	600	90	1.5	#178 Low Mass	4	
0057.COMP	10	07:21	14:41:08.4	+01:10:20	600	90	1.5	0 Calibration	4	
0058.j1441p01	1400	07:22	14:41:08.4	+01:10:20	600	90	1.5	#178 Low Mass	4	
0059.COMP	10	07:46	14:41:08.4	+01:10:20	600	90	1.5	0 Calibration	4	
0060.j1441p01	1400	07:46	14:41:08.4	+01:10:20	600	90	1.5	#178 Low Mass	4	
0061.COMP	10	08:10	14:41:08.4	+01:10:20	600	90	1.5	0 Calibration	4	
0062.j1441p01	1400	08:11	14:41:08.4	+01:10:20	600	90	1.5	#178 Low Mass	4	
0063.COMP	10	08:35	14:41:08.4	+01:10:20	600	90	1.5	0 Calibration	4	
0064.j1441p01	1400	08:35	14:41:08.4	+01:10:20	600	90	1.5	#178 Low Mass	4	
0065.COMP	10	08:59	14:41:08.4	+01:10:20	600	90	1.5	0 Calibration	4	
0066.j1653p19	1200	09:03	16:53:06.3	+19:05:03	600	86	1.5	#178 Low Mass	4	
0067.COMP	10	09:23	16:53:06.3	+19:05:03	600	86	1.5	0 Calibration	4	
0068.j1653p19	1200	09:23	16:53:06.3	+19:05:03	600	86	1.5	#178 Low Mass	4	
0069.COMP	10	09:44	16:53:06.3	+19:05:03	600	86	1.5	0 Calibration	4	
0070.j1653p19	1200	09:44	16:53:06.3	+19:05:03	600	86	1.5	#178 Low Mass	4	
0071.COMP	10	10:05	16:53:06.3	+19:05:03	600	86	1.5	0 Calibration	4	
0072.j1653p19	1200	10:05	16:53:06.3	+19:05:03	600	86	1.5	#178 Low Mass	4	

UT Date 2014-05-02 Observers P BerlindColl. Focus 1350 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>
0073.COMP	10	10:25	16:53:06.3	+19:05:03	600	86	1.5	0 Calibration	4	
0074.j1653p19	1200	10:26	16:53:06.3	+19:05:03	600	86	1.5	#178 Low Mass	4	
0075.COMP	10	10:47	16:53:06.3	+19:05:03	600	86	1.5	0 Calibration	4	
0077.fast3	10	10:53	18:30:00.0	+32:00:00	300	86	3.0	#178 Low Mass	2	
0078.fast3	10	10:55	18:30:00.0	+32:00:00	300	86	3.0	#178 Low Mass	2	
0079.psn1652p0223	1200	10:57	16:52:57.6	+02:23:37	300	86	3.0	#2 SN Observat	2	
0080.COMP	10	11:17	16:52:57.6	+02:23:37	300	86	3.0	0 Calibration	2	
0081.BDp332642	120	11:20	15:51:59.9	+32:56:54	300	90	3.0	#56 Spectropho	2	
0082.COMP	10	11:22	15:51:59.9	+32:56:54	300	90	3.0	0 Calibration	2	
0083.SDSSJ1522p3913	900	11:23	15:22:38.8	+39:13:52	300	90	3.0	#192 DASCH Lon	2	
0084.COMP	10	11:38	15:22:38.8	+39:13:52	300	90	3.0	0 Calibration	2	
0085-0094.BIAS	0	11:42	15:22:38.8	+39:13:52	300	90	3.0	0 Calibration	2	
0095-0108.FLAT	7	11:48	15:22:38.8	+39:13:52	300	90	3.0	0 Calibration	2	

UT Date 2014-05-03 Observers M CalkinsColl. Focus 1350 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0003.DARK	900	02:26	09:14:09.0	+31:34:13	300	89	3.0	0 Calibration	4	
0004-0013.BIAS	0	02:43	09:14:09.0	+31:34:13	300	89	3.0	0 Calibration	4	
0014-0033.FLAT	7	02:59	09:14:09.0	+31:34:13	300	89	3.0	0 Calibration	2	
0034-0043.BIAS	0	03:02	09:14:09.0	+31:34:13	300	89	3.0	0 Calibration	2	
0044.Feige34	180	03:06	10:39:36.7	+43:06:09	300	89	3.0	#56 Spectropho	2	
0045.COMP	10	03:10	10:39:36.7	+43:06:09	300	89	3.0	0 Calibration	2	
0046.HD84937	30	03:12	09:48:56.1	+13:44:39	300	89	3.0	#56 Spectropho	2	
0047.COMP	10	03:13	09:48:56.1	+13:44:39	300	89	3.0	0 Calibration	2	
0048.ASASSN-14R	1500	03:18	09:09:41.2	+37:36:08	300	-56	3.0	#2 SN Observat	2	
0048.ASASSN-14Rq.ms	1500	03:18	09:09:41.2	+37:36:08	300	-56	3.0	#2 SN Observat	1	
0049.COMP	10	03:43	09:09:41.2	+37:36:08	300	-55	3.0	0 Calibration	2	
0050.sn2014ao	1200	03:47	08:34:33.3	-02:32:36	300	60	3.0	#2 SN Observat	2	
0051.COMP	10	04:07	08:34:33.3	-02:32:36	300	60	3.0	0 Calibration	2	
0052.sn2014ai	1800	04:11	09:19:44.2	+33:45:50	300	89	3.0	#2 SN Observat	2	
0053.COMP	10	04:41	09:19:44.2	+33:45:50	300	90	3.0	0 Calibration	2	
0054.sn2014ap	1800	04:44	11:30:13.4	+24:10:07	300	51	3.0	#2 SN Observat	2	
0055.COMP	10	05:14	11:30:13.4	+24:10:07	300	50	3.0	0 Calibration	2	
0056.snj1400	1200	05:18	14:00:54.5	+40:59:00	300	75	3.0	#2 SN Observat	2	
0057.snj1400	1200	05:38	14:00:54.5	+40:59:00	300	75	3.0	#2 SN Observat	2	
0058.snj1400	1200	05:58	14:00:54.5	+40:59:00	300	75	3.0	#2 SN Observat	2	

UT Date 2014-05-03 Observers M CalkinsColl. Focus 1350 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0059.COMP	10	06:19	14:00:54.5	+40:59:00	300	73	3.0	0 Calibration	2	
0060.N4853	300	06:21	12:58:35.2	+27:35:47	300	90	3.0	#57 Velocity S	2	
0061.COMP	10	06:26	12:58:35.2	+27:35:47	300	90	3.0	0 Calibration	2	
0062.j1135p31	1500	06:34	11:35:45.4	+31:03:56	600	90	1.5	#178 Low Mass	4	
0063.COMP	10	07:00	11:35:45.4	+31:03:56	600	89	1.5	0 Calibration	4	
0064.j1135p31	1500	07:01	11:35:45.4	+31:03:56	600	89	1.5	#178 Low Mass	4	
0065.COMP	10	07:28	11:35:45.4	+31:03:56	600	90	1.5	0 Calibration	4	
0066.j1135p31	1500	07:28	11:35:45.4	+31:03:56	600	90	1.5	#178 Low Mass	4	
0067.COMP	10	07:54	11:35:45.4	+31:03:56	600	89	1.5	0 Calibration	4	
0068.j1135p31	1500	07:54	11:35:45.4	+31:03:56	600	89	1.5	#178 Low Mass	4	
0069.COMP	10	08:20	11:35:45.4	+31:03:56	600	90	1.5	0 Calibration	4	
0070.bhvs172	1800	08:23	16:00:05.3	+12:22:38	600	100	1.5	#178 Low Mass	4	
0071.COMP	10	08:54	16:00:05.3	+12:22:38	600	99	1.5	0 Calibration	4	
0072.bhvs172	1800	08:54	16:00:05.3	+12:22:38	600	100	1.5	#178 Low Mass	4	
0073.COMP	10	09:25	16:00:05.3	+12:22:38	600	99	1.5	0 Calibration	4	
0074.bhvs172	1800	09:26	16:00:05.3	+12:22:38	600	99	1.5	#178 Low Mass	4	
0075.COMP	10	09:56	16:00:05.3	+12:22:38	600	101	1.5	0 Calibration	4	
0076.bhvs172	1800	09:57	16:00:05.3	+12:22:38	600	101	1.5	#178 Low Mass	4	
0077.COMP	10	10:27	16:00:05.3	+12:22:38	600	99	1.5	0 Calibration	4	
0078.BDp332642	180	10:29	15:51:59.9	+32:56:54	600	91	1.5	#56 Spectropho	4	

UT Date 2014-05-03 Observers M CalkinsColl. Focus 1350 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0079.COMP	10	10:32	15:51:59.9	+32:56:54	600	91	1.5	0 Calibration	4	
0080-0089.FLAT	12	10:37	15:51:59.9	+32:56:54	600	91	1.5	0 Calibration	4	
0090.COMP	5	10:40	15:51:59.9	+32:56:54	300	91	3.0	0 Calibration	2	test
0091.COMP	5	10:42	15:51:59.9	+32:56:54	300	91	3.0	0 Calibration	2	test
0092.dc184735p405944	1200	10:44	18:47:35.6	+40:59:44	300	91	3.0	#188 Dwarf Car	2	
0093.COMP	10	11:05	18:47:35.6	+40:59:44	300	88	3.0	0 Calibration	2	
0094.SNJ1652	1200	11:07	16:52:57.6	+02:23:37	300	88	3.0	#2 SN Observat	2	
0095.COMP	10	11:27	16:52:57.6	+02:23:37	300	91	3.0	0 Calibration	2	
0096.BDp284211	90	11:30	21:51:11.0	+28:51:50	300	91	3.0	#56 Spectropho	2	
0097.COMP	10	11:32	21:51:11.0	+28:51:50	300	89	3.0	0 Calibration	2	
0098.BDp174708	90	11:33	22:11:31.4	+18:05:34	300	89	3.0	#56 Spectropho	2	
0099.COMP	10	11:35	22:11:31.4	+18:05:34	300	90	3.0	0 Calibration	2	
0100-0109.BIAS	0	11:39	22:11:31.4	+18:05:34	300	90	3.0	0 Calibration	2	
0110-0129.FLAT	7	11:46	22:11:31.4	+18:05:34	300	90	3.0	0 Calibration	2	
0130-0134.DARK	900	12:50	22:11:31.4	+18:05:34	300	90	3.0	0 Calibration	4	
0135-0139.DARK	900	14:07	22:11:31.4	+18:05:34	300	90	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 2014-05-04 Observers M CalkinsColl. Focus 1350 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	02:31	22:11:31.4	+18:05:34	300	90	3.0	0 Calibration	4	
0011-0020.BIAS	0	02:51	22:11:31.4	+18:05:34	600	90	1.5	0 Calibration	4	
0021-0030.FLAT	12	02:55	22:11:31.4	+18:05:34	600	90	1.5	0 Calibration	4	
0031.Feige34	180	03:07	10:39:36.7	+43:06:09	600	90	1.5	#56 Spectropho	4	
0032.COMP	10	03:11	10:39:36.7	+43:06:09	600	91	1.5	0 Calibration	4	
0033.j0939p64	1320	03:39	09:39:57.0	+64:46:34	600	91	1.5	#178 Low Mass	4	
0034.COMP	10	04:01	09:39:57.0	+64:46:34	600	89	1.5	0 Calibration	4	
0035.j0939p64	1320	04:02	09:39:57.0	+64:46:34	600	89	1.5	#178 Low Mass	4	
0036.COMP	10	04:25	09:39:57.0	+64:46:34	600	87	1.5	0 Calibration	4	
0037.j0939p64	1320	04:25	09:39:57.0	+64:46:34	600	87	1.5	#178 Low Mass	4	
0038.COMP	10	04:48	09:39:57.0	+64:46:34	600	88	1.5	0 Calibration	4	
0039.j0939p64	1320	04:49	09:39:57.0	+64:46:34	600	88	1.5	#178 Low Mass	4	
0040.COMP	10	05:11	09:39:57.0	+64:46:34	600	90	1.5	0 Calibration	4	
0041.j0939p64	1320	05:12	09:39:57.0	+64:46:34	600	90	1.5	#178 Low Mass	4	
0042.COMP	10	05:35	09:39:57.0	+64:46:34	600	90	1.5	0 Calibration	4	
0043.j1337p39	1200	05:38	13:37:25.2	+39:52:39	600	91	1.5	#178 Low Mass	4	
0044.COMP	10	05:59	13:37:25.2	+39:52:39	600	85	1.5	0 Calibration	4	
0045.j1337p39	1200	05:59	13:37:25.2	+39:52:39	600	85	1.5	#178 Low Mass	4	
0046.COMP	10	06:20	13:37:25.2	+39:52:39	600	85	1.5	0 Calibration	4	
0047.j1337p39	1200	06:21	13:37:25.2	+39:52:39	600	86	1.5	#178 Low Mass	4	

UT Date 2014-05-04 Observers M CalkinsColl. Focus 1350 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0048.COMP	10	06:41	13:37:25.2	+39:52:39	600	86	1.5	0 Calibration	4	
0049.j1337p39	1200	06:43	13:37:25.2	+39:52:39	600	86	1.5	#178 Low Mass	4	
0050.COMP	10	07:03	13:37:25.2	+39:52:39	600	85	1.5	0 Calibration	4	
0051.j1337p39	1200	07:04	13:37:25.2	+39:52:39	600	85	1.5	#178 Low Mass	4	
0052.COMP	10	07:25	13:37:25.2	+39:52:39	600	85	1.5	0 Calibration	4	
0053.SDSSJ1522p3913	1200	07:34	15:22:38.8	+39:13:52	300	85	3.0	#192 DASCH Lon	2	
0054.COMP	10	07:55	15:22:38.8	+39:13:52	300	85	3.0	0 Calibration	2	
0055.BDp262606	90	07:58	14:49:02.4	+25:42:09	300	91	3.0	#56 Spectropho	2	
0056.COMP	10	08:00	14:49:02.4	+25:42:09	300	90	3.0	0 Calibration	2	
0057.BDp332642	120	08:02	15:51:59.9	+32:56:54	300	90	3.0	#56 Spectropho	2	
0058.COMP	10	08:05	15:51:59.9	+32:56:54	300	89	3.0	0 Calibration	2	
0059.RWHya	2	08:11	13:34:18.0	-25:22:51	300	89	3.0	#12 Symbiotic	2	
0060.RWHya	10	08:11	13:34:18.0	-25:22:51	300	89	3.0	#12 Symbiotic	2	
0061.RWHya	20	08:12	13:34:18.0	-25:22:51	300	89	3.0	#12 Symbiotic	2	
0062.COMP	10	08:13	13:34:18.0	-25:22:51	300	89	3.0	0 Calibration	2	
0063.TXCVn	10	08:15	12:44:42.0	+36:45:48	300	89	3.0	#12 Symbiotic	2	
0064.TXCVn	30	08:16	12:44:42.0	+36:45:48	300	89	3.0	#12 Symbiotic	2	
0065.COMP	10	08:17	12:44:42.0	+36:45:48	300	89	3.0	0 Calibration	2	
0066.AWI0000wqx	600	08:19	13:22:17.7	+62:33:37	300	89	3.0	#219 Disk Dete	2	saturated?
0067.COMP	10	08:30	13:22:17.7	+62:33:37	300	90	3.0	0 Calibration	2	

UT Date 2014-05-04 Observers M CalkinsColl. Focus 1350 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0068.AWI0000wqx	300	08:32	13:22:17.7	+62:33:37	300	90	3.0	#219 Disk Dete	2	
0069.COMP	10	08:38	13:22:17.7	+62:33:37	300	89	3.0	0 Calibration	2	
0070.AWI0000us7	420	08:39	14:24:09.7	+58:18:26	300	89	3.0	#219 Disk Dete	2	
0071.COMP	10	08:46	14:24:09.7	+58:18:26	300	89	3.0	0 Calibration	2	
0072.HD129584	60	08:50	14:43:13.0	+01:49:28	300	89	3.0	#219 Disk Dete	2	
0073.HD129584	15	08:51	14:43:13.0	+01:49:28	300	89	3.0	#219 Disk Dete	2	
0074.HD129584	5	08:52	14:43:13.0	+01:49:28	300	89	3.0	#219 Disk Dete	2	
0075.COMP	10	08:53	14:43:13.0	+01:49:28	300	89	3.0	0 Calibration	2	
0076.AWI00005xz	1800	08:54	14:45:36.7	-15:53:51	300	89	3.0	#219 Disk Dete	2	
0077.COMP	10	09:25	14:45:36.7	-15:53:51	300	90	3.0	0 Calibration	2	
0078.AWI00006m2	600	09:27	14:48:00.1	-18:35:02	300	89	3.0	#219 Disk Dete	2	
0079.COMP	10	09:37	14:48:00.1	-18:35:02	300	89	3.0	0 Calibration	2	
0080.HD132010	45	09:38	14:57:32.9	-20:07:53	300	89	3.0	#219 Disk Dete	2	
0081.COMP	10	09:39	14:57:32.9	-20:07:53	300	89	3.0	0 Calibration	2	
0082.AS210	5	09:43	16:51:20.3	-26:00:33	300	89	3.0	#12 Symbiotic	2	
0083.AS210	300	09:43	16:51:20.3	-26:00:33	300	89	3.0	#12 Symbiotic	2	
0084.COMP	10	09:48	16:51:20.3	-26:00:33	300	90	3.0	0 Calibration	2	
0085.DracoC1	1200	09:52	17:19:58.0	+57:50:06	300	90	3.0	#12 Symbiotic	2	
0086.COMP	10	10:13	17:19:58.0	+57:50:06	300	84	3.0	0 Calibration	2	
0087.AWI000042e	1800	10:14	16:40:47.0	+62:25:23	300	88	3.0	#219 Disk Dete	2	

UT Date 2014-05-04 Observers M CalkinsColl. Focus 1350 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0088.COMP	10	10:45	16:40:47.0	+62:25:23	300	88	3.0	0 Calibration	2	
0089.AWI000028h	780	10:47	16:55:56.6	+24:15:54	300	88	3.0	#219 Disk Dete	2	
0090.COMP	10	11:00	16:55:56.6	+24:15:54	300	90	3.0	0 Calibration	2	
0091.AWI000047d	420	11:02	16:48:37.4	+35:12:09	300	90	3.0	#219 Disk Dete	2	
0092.COMP	10	11:10	16:48:37.4	+35:12:09	300	89	3.0	0 Calibration	2	
0093.AWI000047d	240	11:10	16:48:37.4	+35:12:09	300	89	3.0	#219 Disk Dete	2	
0094.COMP	10	11:15	16:48:37.4	+35:12:09	300	89	3.0	0 Calibration	2	
0095.HD152308	5	11:16	16:52:04.9	+14:58:27	300	89	3.0	#219 Disk Dete	2	
0096.HD152308	3	11:17	16:52:04.9	+14:58:27	300	89	3.0	#219 Disk Dete	2	
0097.COMP	10	11:17	16:52:04.9	+14:58:27	300	89	3.0	0 Calibration	2	
0098.AWI00006bt	270	11:19	16:57:01.0	+45:27:33	300	89	3.0	#219 Disk Dete	2	
0099.COMP	10	11:24	16:57:01.0	+45:27:33	300	89	3.0	0 Calibration	2	
0100.AWI00006bt	120	11:25	16:57:01.0	+45:27:33	300	89	3.0	#219 Disk Dete	2	
0101.COMP	10	11:27	16:57:01.0	+45:27:33	300	89	3.0	0 Calibration	2	
0102.HD234389	100	11:28	17:06:13.3	+51:27:47	300	89	3.0	#219 Disk Dete	2	
0103.COMP	10	11:31	17:06:13.3	+51:27:47	300	89	3.0	0 Calibration	2	
0104.Hen1591	120	11:34	18:07:32.0	-25:53:43	300	89	3.0	#12 Symbiotic	2	
0105.Hen1591	300	11:36	18:07:32.0	-25:53:43	300	89	3.0	#12 Symbiotic	2	
0106.COMP	10	11:42	18:07:32.0	-25:53:43	300	88	3.0	0 Calibration	2	
0107.YYHer	10	11:45	18:14:34.0	+20:59:19	300	88	3.0	#12 Symbiotic	2	

UT Date 2014-05-04 Observers M CalkinsColl. Focus 1350 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>
0108.YYHer	60	11:46	18:14:34.0	+20:59:19	300	88	3.0	#12 Symbiotic	2	
0109.COMP	10	11:48	18:14:34.0	+20:59:19	300	88	3.0	0 Calibration	2	
0110-0119.BIAS	0	11:52	18:14:34.0	+20:59:19	300	89	3.0	0 Calibration	2	
0120-0139.FLAT	7	12:03	18:14:34.0	+20:59:19	300	89	3.0	0 Calibration	2	
0140-0149.DARK	900	14:25	18:14:34.0	+20:59:19	300	89	3.0	0 Calibration	2	

UT Date 2014-05-05 Observers M CalkinsColl. Focus 1350 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	01:47	18:14:34.0	+20:59:19	300	89	3.0	0 Calibration	4	
0011-0020.BIAS	0	02:05	18:14:34.0	+20:59:19	300	89	3.0	0 Calibration	4	
0021-0040.FLAT	7	02:13	18:14:34.0	+20:59:19	300	89	3.0	0 Calibration	2	
0041-0050.BIAS	0	02:16	18:14:34.0	+20:59:19	300	89	3.0	0 Calibration	2	
0051.Feige34	180	03:01	10:39:36.7	+43:06:09	300	89	3.0	#56 Spectropho	2	
0052.COMP	10	03:05	10:39:36.7	+43:06:09	300	88	3.0	0 Calibration	2	
0053.HD84937	30	03:08	09:48:56.1	+13:44:39	300	88	3.0	#56 Spectropho	2	
0054.COMP	10	03:09	09:48:56.1	+13:44:39	300	88	3.0	0 Calibration	2	
0055.HD71988	5	03:10	08:31:00.4	+18:58:06	300	88	3.0	#219 Disk Dete	2	
0056.COMP	10	03:11	08:31:00.4	+18:58:06	300	88	3.0	0 Calibration	2	
0057.HD233520	15	03:13	08:22:51.1	+53:04:10	300	88	3.0	#219 Disk Dete	2	
0058.COMP	10	03:15	08:22:51.1	+53:04:10	300	88	3.0	0 Calibration	2	
0059.HD233520	35	03:16	08:22:51.1	+53:04:10	300	88	3.0	#219 Disk Dete	2	
0060.COMP	10	03:18	08:22:51.1	+53:04:10	300	88	3.0	0 Calibration	2	
0061.AWI000004g	80	03:20	08:12:58.0	+40:21:06	300	88	3.0	#219 Disk Dete	2	
0062.COMP	10	03:22	08:12:58.0	+40:21:06	300	89	3.0	0 Calibration	2	
0063.HD67044	15	03:23	08:08:24.6	+49:01:15	300	89	3.0	#219 Disk Dete	2	
0064.HD67044	10	03:24	08:08:24.6	+49:01:15	300	89	3.0	#219 Disk Dete	2	
0065.COMP	10	03:25	08:08:24.6	+49:01:15	300	89	3.0	0 Calibration	2	
0066.AWI000050r	780	03:26	08:05:47.9	+52:46:28	300	89	3.0	#219 Disk Dete	2	

UT Date 2014-05-05 Observers M CalkinsColl. Focus 1350 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0067.COMP	10	03:40	08:05:47.9	+52:46:28	300	88	3.0	0 Calibration	2	
0068.AWI00006b3	240	03:42	08:33:45.8	+41:34:37	300	88	3.0	#219 Disk Dete	2	
0069.COMP	10	03:47	08:33:45.8	+41:34:37	300	89	3.0	0 Calibration	2	
0070.AWI00007i1	180	03:48	08:37:17.4	+51:20:13	300	89	3.0	#219 Disk Dete	2	
0071.COMP	10	03:52	08:37:17.4	+51:20:13	300	89	3.0	0 Calibration	2	
0072.sn2014ao	1800	03:56	08:34:33.3	-02:32:36	300	80	3.0	#2 SN Observat	2	
0073.COMP	10	04:26	08:34:33.3	-02:32:36	300	80	3.0	0 Calibration	2	
0074.sn2014ai	2400	04:29	09:19:44.2	+33:45:50	300	90	3.0	#2 SN Observat	2	
0075.COMP	10	05:10	09:19:44.2	+33:45:50	300	89	3.0	0 Calibration	2	
0076.sn2014J	1200	05:12	09:55:42.1	+69:40:26	300	89	3.0	#2 SN Observat	2	
0077.COMP	10	05:33	09:55:42.1	+69:40:26	300	89	3.0	0 Calibration	2	
0078.sn2014ap	2400	05:36	11:30:13.4	+24:10:07	300	51	3.0	#2 SN Observat	2	
0079.COMP	10	06:17	11:30:13.4	+24:10:07	300	50	3.0	0 Calibration	2	
0080.SDSSJ1522p3913	1200	06:21	15:22:38.8	+39:13:52	300	91	3.0	#192 DASCH Lon	2	
0081.COMP	10	06:41	15:22:38.8	+39:13:52	300	90	3.0	0 Calibration	2	
0082.N4853	420	06:43	12:58:35.2	+27:35:47	300	90	3.0	#57 Velocity S	2	
0083.COMP	10	06:51	12:58:35.2	+27:35:47	300	90	3.0	0 Calibration	2	
0084.BDp262606	90	06:52	14:49:02.4	+25:42:09	300	90	3.0	#56 Spectropho	2	
0085.COMP	10	06:54	14:49:02.4	+25:42:09	300	90	3.0	0 Calibration	2	
0086.BDp332642	120	06:55	15:51:59.9	+32:56:54	300	90	3.0	#56 Spectropho	2	

UT Date 2014-05-05 Observers M CalkinsColl. Focus 1350 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0087.COMP	10	06:58	15:51:59.9	+32:56:54	300	88	3.0	0 Calibration	2	
0088.snj1400	1200	07:00	14:00:54.5	+40:59:00	300	71	3.0	#2 SN Observat	2	
0089.snj1400	1200	07:20	14:00:54.5	+40:59:00	300	71	3.0	#2 SN Observat	2	
0090.snj1400	1200	07:41	14:00:54.5	+40:59:00	300	71	3.0	#2 SN Observat	2	
0091.COMP	10	08:01	14:00:54.5	+40:59:00	300	70	3.0	0 Calibration	2	
0092.AWI000072k	1800	08:06	14:59:03.8	-15:26:06	300	90	3.0	#219 Disk Dete	2	
0093.COMP	10	08:37	14:59:03.8	-15:26:06	300	90	3.0	0 Calibration	2	
0094.AWI00004ox	1800	08:40	15:10:09.3	+80:24:53	300	89	3.0	#219 Disk Dete	2	
0095.COMP	10	09:11	15:10:09.3	+80:24:53	300	89	3.0	0 Calibration	2	
0096.AWI00006h1	300	09:12	15:00:39.9	+76:36:37	300	90	3.0	#219 Disk Dete	2	
0097.COMP	10	09:17	15:00:39.9	+76:36:37	300	89	3.0	0 Calibration	2	
0098.AWI0000s8t	1200	09:20	15:30:39.5	+46:07:06	300	89	3.0	#219 Disk Dete	2	
0099.AWI0000s8t	1200	09:41	15:30:39.5	+46:07:06	300	89	3.0	#219 Disk Dete	2	
0100.AWI0000s8t	1200	10:01	15:30:39.5	+46:07:06	300	89	3.0	#219 Disk Dete	2	
0101.COMP	10	10:22	15:30:39.5	+46:07:06	300	90	3.0	0 Calibration	2	
0102.AWI0000wip	360	10:25	14:59:06.4	+06:31:44	300	90	3.0	#219 Disk Dete	2	
0103.COMP	10	10:31	14:59:06.4	+06:31:44	300	90	3.0	0 Calibration	2	
0104.SNJ1652	1200	10:33	16:52:57.6	+02:23:37	300	90	3.0	#2 SN Observat	2	
0105.COMP	10	10:53	16:52:57.6	+02:23:37	300	90	3.0	0 Calibration	2	
0106.SDSSJ1522p3913	1200	10:56	15:22:38.8	+39:13:52	300	90	3.0	#192 DASCH Lon	2	

UT Date 2014-05-05 Observers M CalkinsColl. Focus 1350 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0107.COMP	10	11:16	15:22:38.8	+39:13:52	300	90	3.0	0 Calibration	2	
0108.HD144086	45	11:19	16:04:29.2	-08:51:26	300	90	3.0	#219 Disk Dete	2	
0109.HD144086	30	11:20	16:04:29.2	-08:51:26	300	90	3.0	#219 Disk Dete	2	
0110.COMP	10	11:21	16:04:29.2	-08:51:26	300	90	3.0	0 Calibration	2	
0111.HD142662	35	11:22	15:56:12.4	-09:43:22	300	90	3.0	#219 Disk Dete	2	
0112.COMP	10	11:23	15:56:12.4	-09:43:22	300	90	3.0	0 Calibration	2	
0113.AWI00002hx	45	11:25	16:06:25.3	+04:14:47	300	90	3.0	#219 Disk Dete	2	
0114.COMP	10	11:27	16:06:25.3	+04:14:47	300	90	3.0	0 Calibration	2	
0115.AWI000011b	90	11:28	16:26:38.6	+14:11:06	300	90	3.0	#219 Disk Dete	2	
0116.COMP	10	11:30	16:26:38.6	+14:11:06	300	90	3.0	0 Calibration	2	
0117.AWI000011b	60	11:31	16:26:38.6	+14:11:06	300	90	3.0	#219 Disk Dete	2	
0118.COMP	10	11:32	16:26:38.6	+14:11:06	300	90	3.0	0 Calibration	2	
0119.HD157165	15	11:34	17:20:07.5	+35:41:03	300	90	3.0	#219 Disk Dete	2	
0120.COMP	10	11:35	17:20:07.5	+35:41:03	300	90	3.0	0 Calibration	2	
0121.HD157878	70	11:37	17:23:38.1	+45:59:57	300	90	3.0	#219 Disk Dete	2	
0122.HD157878	50	11:39	17:23:38.1	+45:59:57	300	90	3.0	#219 Disk Dete	2	
0123.COMP	10	11:40	17:23:38.1	+45:59:57	300	90	3.0	0 Calibration	2	
0124-0133.BIAS	0	11:45	17:23:38.1	+45:59:57	300	90	3.0	0 Calibration	2	
0134-0153.FLAT	7	11:53	17:23:38.1	+45:59:57	300	90	3.0	0 Calibration	2	
0154-0163.DARK	900	14:13	17:23:38.1	+45:59:57	300	90	3.0	0 Calibration	2	

UT Date 2014-05-06 Observers P BerlindColl. Focus 1350 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	01:55	10:39:36.7	+43:06:09	300	90	3.0	0 Calibration	2	
0011-0025.FLAT	7	02:00	10:39:36.7	+43:06:09	300	90	3.0	0 Calibration	2	
0026.COMP	10	02:10	10:39:36.7	+43:06:09	300	90	3.0	0 Calibration	2	
0027.HD84870	5	02:50	09:49:02.8	+34:05:06	300	90	3.0	#219 Disk Dete	2	
0028.HD84870	5	02:51	09:49:02.8	+34:05:06	300	90	3.0	#219 Disk Dete	2	
0029.HD84870	5	02:51	09:49:02.8	+34:05:06	300	90	3.0	#219 Disk Dete	2	
0030.COMP	10	02:51	09:49:02.8	+34:05:06	300	90	3.0	0 Calibration	2	
0031.HD85672	8	02:53	09:53:59.1	+27:41:43	300	90	3.0	#219 Disk Dete	2	
0032.HD85672	8	02:53	09:53:59.1	+27:41:43	300	90	3.0	#219 Disk Dete	2	
0033.HD85672	8	02:54	09:53:59.1	+27:41:43	300	90	3.0	#219 Disk Dete	2	
0034.COMP	5	02:54	09:53:59.1	+27:41:43	300	90	3.0	0 Calibration	2	
0035.HD86342	10	02:56	09:57:48.7	-01:56:50	300	90	3.0	#219 Disk Dete	2	
0036.HD86342	10	02:56	09:57:48.7	-01:56:50	300	90	3.0	#219 Disk Dete	2	
0037.HD86342	10	02:57	09:57:48.7	-01:56:50	300	90	3.0	#219 Disk Dete	2	
0038.COMP	10	02:58	09:57:48.7	-01:56:50	300	90	3.0	0 Calibration	2	
0039.HD87827	15	02:59	10:07:19.8	-15:27:18	300	90	3.0	#219 Disk Dete	2	
0040.HD87827	15	03:00	10:07:19.8	-15:27:18	300	90	3.0	#219 Disk Dete	2	
0041.HD87827	15	03:00	10:07:19.8	-15:27:18	300	90	3.0	#219 Disk Dete	2	
0042.COMP	10	03:01	10:07:19.8	-15:27:18	300	90	3.0	0 Calibration	2	
0043.HD84937	30	03:04	09:48:56.1	+13:44:39	300	90	3.0	#56 Spectropho	2	

UT Date 2014-05-06 Observers P BerlindColl. Focus 1350 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0044.HD84937	30	03:05	09:48:56.1	+13:44:39	300	90	3.0	#56 Spectropho	2	
0045.HD84937	30	03:06	09:48:56.1	+13:44:39	300	90	3.0	#56 Spectropho	2	
0046.COMP	10	03:07	09:48:56.1	+13:44:39	300	90	3.0	0 Calibration	2	
0047.HD74389	15	03:08	08:45:46.9	+48:52:43	300	90	3.0	#219 Disk Dete	2	
0048.HD74389	15	03:09	08:45:46.9	+48:52:43	300	90	3.0	#219 Disk Dete	2	
0049.HD74389	15	03:10	08:45:46.9	+48:52:43	300	90	3.0	#219 Disk Dete	2	
0050.COMP	10	03:10	08:45:46.9	+48:52:43	300	90	3.0	0 Calibration	2	
0051.HD77427	65	03:13	09:05:50.3	+64:24:50	300	90	3.0	#219 Disk Dete	2	
0052.HD77427	65	03:14	09:05:50.3	+64:24:50	300	90	3.0	#219 Disk Dete	2	
0053.HD77427	65	03:16	09:05:50.3	+64:24:50	300	90	3.0	#219 Disk Dete	2	
0054.COMP	10	03:17	09:05:50.3	+64:24:50	300	90	3.0	0 Calibration	2	
0055.HD80259	65	03:19	09:22:33.1	+69:26:23	300	90	3.0	#219 Disk Dete	2	
0056.HD80259	65	03:20	09:22:33.1	+69:26:23	300	90	3.0	#219 Disk Dete	2	
0057.HD80259	65	03:21	09:22:33.1	+69:26:23	300	90	3.0	#219 Disk Dete	2	
0058.COMP	10	03:23	09:22:33.1	+69:26:23	300	90	3.0	0 Calibration	2	
0059.Feige34	180	03:24	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	2	
0060.COMP	10	03:28	10:39:36.7	+43:06:09	300	90	3.0	0 Calibration	2	
0061.AWI000019z	600	03:31	10:17:22.6	-18:32:02	300	80	3.0	#219 Disk Dete	2	
0062.COMP	10	03:42	10:17:22.6	-18:32:02	300	80	3.0	0 Calibration	2	
0063.AWI00001q1	360	03:43	10:36:39.1	-13:55:20	300	80	3.0	#219 Disk Dete	2	

UT Date 2014-05-06 Observers P BerlindColl. Focus 1350 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0064.COMP	10	03:49	10:36:39.1	-13:55:20	300	80	3.0	0 Calibration	2	
0065.AWI00000my	1800	03:51	10:13:07.6	-10:05:02	300	80	3.0	#219 Disk Dete	2	
0066.COMP	10	04:22	10:13:07.6	-10:05:02	300	80	3.0	0 Calibration	2	
0067.MCL1207+0339	1200	04:26	12:07:14.3	+03:39:07	300	90	3.0	#218 M dwarfs	2	
0068.MCL1207+0339	1200	04:47	12:07:14.3	+03:39:07	300	90	3.0	#218 M dwarfs	2	
0069.MCL1207+0339	1200	05:07	12:07:14.3	+03:39:07	300	90	3.0	#218 M dwarfs	2	
0070.COMP	10	05:27	12:07:14.3	+03:39:07	300	90	3.0	0 Calibration	2	
0071.MCL1317+0406	600	05:29	13:17:42.1	+04:06:21	300	90	3.0	#218 M dwarfs	2	
0072.COMP	10	05:40	13:17:42.1	+04:06:21	300	90	3.0	0 Calibration	2	
0073.SDSSJ1522p3913	1200	05:42	15:22:38.8	+39:13:52	300	90	3.0	#192 DASCH Lon	2	
0074.COMP	10	06:03	15:22:38.8	+39:13:52	300	90	3.0	0 Calibration	2	
0075.LP20-406	600	06:07	12:42:02.1	+75:08:46	300	87	3.0	#218 M dwarfs	2	
0076.LP20-406	600	06:17	12:42:02.1	+75:08:46	300	87	3.0	#218 M dwarfs	2	
0077.LP20-406	600	06:27	12:42:02.1	+75:08:46	300	87	3.0	#218 M dwarfs	2	
0078.COMP	10	06:38	12:42:02.1	+75:08:46	300	90	3.0	0 Calibration	2	
0079.MCL1302+6121	400	06:39	13:02:20.2	+61:21:54	300	90	3.0	#218 M dwarfs	2	
0080.MCL1302+6121	400	06:46	13:02:20.2	+61:21:54	300	90	3.0	#218 M dwarfs	2	
0081.MCL1302+6121	400	06:53	13:02:20.2	+61:21:54	300	90	3.0	#218 M dwarfs	2	
0082.COMP	10	07:00	13:02:20.2	+61:21:54	300	90	3.0	0 Calibration	2	
0083.MCL1304+6801	400	07:01	13:04:16.8	+68:01:23	300	90	3.0	#218 M dwarfs	2	

UT Date 2014-05-06 Observers P BerlindColl. Focus 1350 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0084.MCL1304+6801	400	07:08	13:04:16.8	+68:01:23	300	90	3.0	#218 M dwarfs	2	
0085.MCL1304+6801	400	07:15	13:04:16.8	+68:01:23	300	90	3.0	#218 M dwarfs	2	
0086.COMP	10	07:22	13:04:16.8	+68:01:23	300	90	3.0	0 Calibration	2	
0087.BDp262606	90	07:24	14:49:02.4	+25:42:09	300	90	3.0	#56 Spectropho	2	
0088.BDp262606	90	07:26	14:49:02.4	+25:42:09	300	90	3.0	#56 Spectropho	2	
0089.BDp262606	90	07:28	14:49:02.4	+25:42:09	300	90	3.0	#56 Spectropho	2	
0090.COMP	10	07:30	14:49:02.4	+25:42:09	300	90	3.0	0 Calibration	2	
0091.MCL1305+2650	400	07:31	13:05:25.7	+26:50:03	300	90	3.0	#218 M dwarfs	2	
0092.MCL1305+2650	400	07:38	13:05:25.7	+26:50:03	300	90	3.0	#218 M dwarfs	2	
0093.MCL1305+2650	400	07:45	13:05:25.7	+26:50:03	300	90	3.0	#218 M dwarfs	2	
0094.COMP	10	07:52	13:05:25.7	+26:50:03	300	90	3.0	0 Calibration	2	
0095.snj1400	1800	07:54	14:00:54.5	+40:59:00	300	90	3.0	#2 SN Observat	2	
0096.COMP	10	08:24	14:00:54.5	+40:59:00	300	90	3.0	0 Calibration	2	
0097.BDp332642	120	08:26	15:51:59.9	+32:56:54	300	90	3.0	#56 Spectropho	2	
0098.COMP	10	08:29	15:51:59.9	+32:56:54	300	90	3.0	0 Calibration	2	
0099.G152-B4A	360	08:31	15:58:04.8	-09:08:07	300	90	3.0	#218 M dwarfs	2	
0100.G152-B4A	360	08:38	15:58:04.8	-09:08:07	300	90	3.0	#218 M dwarfs	2	
0101.G152-B4A	360	08:44	15:58:04.8	-09:08:07	300	90	3.0	#218 M dwarfs	2	
0102.COMP	10	08:50	15:58:04.8	-09:08:07	300	90	3.0	0 Calibration	2	
0103.MCL1450+3711	600	08:53	14:50:58.3	+37:11:08	300	90	3.0	#218 M dwarfs	2	

UT Date 2014-05-06 Observers P BerlindColl. Focus 1350 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0104.MCL1450+3711	600	09:03	14:50:58.3	+37:11:08	300	90	3.0	#218 M dwarfs	2	
0105.MCL1450+3711	600	09:13	14:50:58.3	+37:11:08	300	90	3.0	#218 M dwarfs	2	
0106.COMP	10	09:24	14:50:58.3	+37:11:08	300	90	3.0	0 Calibration	2	
0107.MCL1457+2716	720	09:25	14:57:24.8	+27:16:47	300	90	3.0	#218 M dwarfs	2	
0108.COMP	10	09:38	14:57:24.8	+27:16:47	300	90	3.0	0 Calibration	2	
0109.MCL1511+5624	900	09:39	15:11:53.4	+56:24:50	300	90	3.0	#218 M dwarfs	2	
0110.COMP	10	09:55	15:11:53.4	+56:24:50	300	89	3.0	0 Calibration	2	
0111.V443Her	10	09:57	18:22:07.0	+23:27:20	300	89	3.0	#12 Symbiotic	2	
0112.V443Her	30	09:57	18:22:07.0	+23:27:20	300	89	3.0	#12 Symbiotic	2	
0113.V443Her	120	09:58	18:22:07.0	+23:27:20	300	89	3.0	#12 Symbiotic	2	
0114.COMP	10	10:01	18:22:07.0	+23:27:20	300	89	3.0	0 Calibration	2	
0115.AS338	90	10:02	19:03:47.0	+16:26:17	300	89	3.0	#12 Symbiotic	2	
0116.AS338	300	10:04	19:03:47.0	+16:26:17	300	89	3.0	#12 Symbiotic	2	
0117.COMP	10	10:09	19:03:47.0	+16:26:17	300	87	3.0	0 Calibration	2	
0118.G142-B2A	600	10:11	19:13:38.6	+13:36:30	300	87	3.0	#218 M dwarfs	2	
0119.COMP	10	10:21	19:13:38.6	+13:36:30	300	88	3.0	0 Calibration	2	
0120.AS296	30	10:23	18:15:07.0	-00:18:52	300	88	3.0	#12 Symbiotic	2	
0121.AS296	90	10:24	18:15:07.0	-00:18:52	300	88	3.0	#12 Symbiotic	2	
0122.AS296	180	10:25	18:15:07.0	-00:18:52	300	88	3.0	#12 Symbiotic	2	
0123.COMP	10	10:29	18:15:07.0	-00:18:52	300	90	3.0	0 Calibration	2	

UT Date 2014-05-06 Observers P BerlindColl. Focus 1350 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0124.AS289	20	10:30	18:12:22.0	-11:40:08	300	90	3.0	#12 Symbiotic	2	
0125.AS289	40	10:31	18:12:22.0	-11:40:08	300	90	3.0	#12 Symbiotic	2	
0126.AS289	300	10:32	18:12:22.0	-11:40:08	300	90	3.0	#12 Symbiotic	2	
0127.COMP	10	10:37	18:12:22.0	-11:40:08	300	90	3.0	0 Calibration	2	
0128.AS281	60	10:39	18:10:44.0	-27:57:51	300	90	3.0	#12 Symbiotic	2	
0129.AS281	120	10:40	18:10:44.0	-27:57:51	300	90	3.0	#12 Symbiotic	2	
0130.AS281	480	10:42	18:10:44.0	-27:57:51	300	90	3.0	#12 Symbiotic	2	
0131.COMP	10	10:51	18:10:44.0	-27:57:51	300	89	3.0	0 Calibration	2	
0132.Hen1674	120	10:54	18:20:19.1	-26:22:46	300	89	3.0	#12 Symbiotic	2	
0133.Hen1674	600	10:56	18:20:19.1	-26:22:46	300	89	3.0	#12 Symbiotic	2	
0134.COMP	10	11:07	18:20:19.1	-26:22:46	300	89	3.0	0 Calibration	2	
0135.AS316	60	11:08	18:42:33.0	-21:17:47	300	89	3.0	#12 Symbiotic	2	
0136.AS316	420	11:09	18:42:33.0	-21:17:47	300	89	3.0	#12 Symbiotic	2	
0137.COMP	10	11:17	18:42:33.0	-21:17:47	300	90	3.0	0 Calibration	2	
0138.AS327	60	11:18	18:53:17.0	-24:22:59	300	90	3.0	#12 Symbiotic	2	
0139.AS327	300	11:19	18:53:17.0	-24:22:59	300	90	3.0	#12 Symbiotic	2	
0140.COMP	10	11:24	18:53:17.0	-24:22:59	300	90	3.0	0 Calibration	2	
0141.V919Sgr	30	11:25	19:03:45.0	-16:59:56	300	90	3.0	#12 Symbiotic	2	
0142.V919Sgr	90	11:26	19:03:45.0	-16:59:56	300	90	3.0	#12 Symbiotic	2	
0143.V919Sgr	180	11:28	19:03:45.0	-16:59:56	300	90	3.0	#12 Symbiotic	2	

UT Date 2014-05-06 Observers P BerlindColl. Focus 1350 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>
0144.COMP	10	11:31	19:03:45.0	-16:59:56	300	90	3.0	0 Calibration	2	
0145.BDp404032	120	11:34	20:08:24.1	+41:15:04	300	90	3.0	#56 Spectropho	2	
0146.COMP	10	11:36	20:08:24.1	+41:15:04	300	90	3.0	0 Calibration	2	
0147.HD192281	10	11:37	20:12:33.1	+40:16:05	300	90	3.0	#56 Spectropho	2	
0148.HD192281	10	11:38	20:12:33.1	+40:16:05	300	90	3.0	#56 Spectropho	2	
0149.HD192281	10	11:38	20:12:33.1	+40:16:05	300	90	3.0	#56 Spectropho	2	
0150.COMP	10	11:39	20:12:33.1	+40:16:05	300	90	3.0	0 Calibration	2	
0151-0160.BIAS	0	11:42	20:12:33.1	+40:16:05	300	90	3.0	0 Calibration	2	
0161-0175.FLAT	7	11:48	20:12:33.1	+40:16:05	300	90	3.0	0 Calibration	2	
0176-0180.DARK	1200	13:14	20:12:33.1	+40:16:05	300	90	3.0	0 Calibration	2	

UT Date 2014-05-07 Observers P BerlindColl. Focus 1350 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	01:30	20:12:33.1	+40:16:05	300	90	3.0	0 Calibration	2	
0011-0025.FLAT	7	01:36	20:12:33.1	+40:16:05	300	90	3.0	0 Calibration	2	
0026-0030.DARK	1200	03:52	20:12:33.1	+40:16:05	300	90	3.0	0 Calibration	2	
0031.HD134854	5	06:56	15:11:47.7	+10:12:59	300	90	3.0	#219 Disk Dete	2	
0032.HD134854	5	06:56	15:11:47.7	+10:12:59	300	90	3.0	#219 Disk Dete	2	
0033.HD134854	5	06:57	15:11:47.7	+10:12:59	300	90	3.0	#219 Disk Dete	2	
0034.COMP	10	06:57	15:11:47.7	+10:12:59	300	90	3.0	0 Calibration	2	
0035.HD138422	5	06:59	15:30:46.1	+34:27:56	300	90	3.0	#219 Disk Dete	2	
0036.HD138422	5	06:59	15:30:46.1	+34:27:56	300	90	3.0	#219 Disk Dete	2	
0037.HD138422	5	06:59	15:30:46.1	+34:27:56	300	90	3.0	#219 Disk Dete	2	
0038.COMP	10	07:00	15:30:46.1	+34:27:56	300	90	3.0	0 Calibration	2	
0039.HD138214	10	07:01	15:29:54.1	+23:49:01	300	90	3.0	#219 Disk Dete	2	
0040.HD138214	10	07:02	15:29:54.1	+23:49:01	300	90	3.0	#219 Disk Dete	2	
0041.HD138214	10	07:02	15:29:54.1	+23:49:01	300	90	3.0	#219 Disk Dete	2	
0042.COMP	10	07:03	15:29:54.1	+23:49:01	300	90	3.0	0 Calibration	2	
0043.AWI0000qxd	480	07:04	15:25:27.2	+28:49:14	300	90	3.0	#219 Disk Dete	2	
0044.COMP	10	07:13	15:25:27.2	+28:49:14	300	90	3.0	0 Calibration	2	
0045.BDp262606	100	07:14	14:49:02.4	+25:42:09	300	90	3.0	#56 Spectropho	2	
0046.BDp262606	100	07:16	14:49:02.4	+25:42:09	300	90	3.0	#56 Spectropho	2	
0047.BDp262606	100	07:18	14:49:02.4	+25:42:09	300	90	3.0	#56 Spectropho	2	

UT Date 2014-05-07 Observers P BerlindColl. Focus 1350 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0048.COMP	10	07:20	14:49:02.4	+25:42:09	300	90	3.0	0 Calibration	2	
0049.MCL1307+6155	480	07:23	13:07:50.9	+61:55:43	300	90	3.0	#218 M dwarfs	2	
0050.MCL1307+6155	480	07:32	13:07:50.9	+61:55:43	300	90	3.0	#218 M dwarfs	2	
0051.MCL1307+6155	480	07:40	13:07:50.9	+61:55:43	300	90	3.0	#218 M dwarfs	2	
0052.COMP	10	07:48	13:07:50.9	+61:55:43	300	90	3.0	0 Calibration	2	
0053.MCL1335+5213	720	07:50	13:35:44.1	+52:13:24	300	90	3.0	#218 M dwarfs	2	
0054.COMP	10	08:03	13:35:44.1	+52:13:24	300	90	3.0	0 Calibration	2	
0055.SDSSJ1522p3913	1800	08:05	15:22:38.8	+39:13:52	300	86	3.0	#192 DASCH Lon	2	
0056.COMP	10	08:35	15:22:38.8	+39:13:52	300	86	3.0	0 Calibration	2	
0057.BDp332642	150	09:09	15:51:59.9	+32:56:54	300	86	3.0	#56 Spectropho	2	
0058.COMP	10	09:12	15:51:59.9	+32:56:54	300	86	3.0	0 Calibration	2	
0059.snj1400	1800	09:14	14:00:54.5	+40:59:00	300	86	3.0	#2 SN Observat	2	
0060.COMP	10	09:44	14:00:54.5	+40:59:00	300	86	3.0	0 Calibration	2	
0061.SNJ1652	1800	09:47	16:52:57.6	+02:23:37	300	86	3.0	#2 SN Observat	2	
0062.COMP	10	10:18	16:52:57.6	+02:23:37	300	89	3.0	0 Calibration	2	
0063.MCL1645+2954	900	10:20	16:45:38.0	+29:54:57	300	89	3.0	#218 M dwarfs	2	
0064.MCL1645+2954	900	10:35	16:45:38.0	+29:54:57	300	89	3.0	#218 M dwarfs	2	
0065.MCL1645+2954	900	10:51	16:45:38.0	+29:54:57	300	89	3.0	#218 M dwarfs	2	
0066.COMP	10	11:06	16:45:38.0	+29:54:57	300	90	3.0	0 Calibration	2	
0067.AGDra	45	11:08	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	

UT Date 2014-05-07 Observers P BerlindColl. Focus 1350 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0068.AGDra	90	11:09	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0069.AGDra	10	11:11	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0070.COMP	10	11:11	16:01:41.0	+66:48:10	300	90	3.0	0 Calibration	2	
0071.CHCyg	5	11:13	19:24:33.0	+50:14:30	300	90	3.0	#12 Symbiotic	2	
0072.CHCyg	2	11:13	19:24:33.0	+50:14:30	300	90	3.0	#12 Symbiotic	2	
0073.CHCyg	15	11:14	19:24:33.0	+50:14:30	300	90	3.0	#12 Symbiotic	2	
0074.COMP	10	11:14	19:24:33.0	+50:14:30	300	90	3.0	0 Calibration	2	
0075.UGC11037	900	11:16	17:55:05.4	+18:15:27	300	90	3.0	#99 Other Falc	2	
0076.COMP	10	11:31	17:55:05.4	+18:15:27	300	87	3.0	0 Calibration	2	
0077.BDp404032	120	11:33	20:08:24.1	+41:15:04	300	87	3.0	#56 Spectropho	2	
0078.COMP	10	11:35	20:08:24.1	+41:15:04	300	87	3.0	0 Calibration	2	
0079.HD192281	10	11:37	20:12:33.1	+40:16:05	300	87	3.0	#56 Spectropho	2	
0080.HD192281	10	11:37	20:12:33.1	+40:16:05	300	87	3.0	#56 Spectropho	2	
0081.HD192281	10	11:37	20:12:33.1	+40:16:05	300	87	3.0	#56 Spectropho	2	
0082.COMP	10	11:38	20:12:33.1	+40:16:05	300	87	3.0	0 Calibration	2	
0083-0092.BIAS	0	11:42	20:12:33.1	+40:16:05	300	87	3.0	0 Calibration	2	
0093-0107.FLAT	7	11:48	20:12:33.1	+40:16:05	300	87	3.0	0 Calibration	2	
comp300+600.ms	10	05:47	10:39:36.9	+43:06:11	300	90	3.0	#56 Spectropho	1	

UT Date 2014-05-08 Observers P BerlindColl. Focus 1350 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	01:43	20:12:33.1	+40:16:05	300	87	3.0	0 Calibration	2	
0011-0025.FLAT	7	01:49	20:12:33.1	+40:16:05	300	87	3.0	0 Calibration	2	
0026.COMP	10	01:59	20:12:33.1	+40:16:05	300	87	3.0	0 Calibration	2	
0027.HD84937	30	03:08	09:48:56.1	+13:44:39	300	87	3.0	#56 Spectropho	2	
0028.HD84937	30	03:09	09:48:56.1	+13:44:39	300	87	3.0	#56 Spectropho	2	
0029.HD84937	30	03:10	09:48:56.1	+13:44:39	300	87	3.0	#56 Spectropho	2	
0030.COMP	10	03:10	09:48:56.1	+13:44:39	300	87	3.0	0 Calibration	2	
0031.Feige34	180	03:14	10:39:36.7	+43:06:09	300	87	3.0	#56 Spectropho	2	
0032.COMP	10	03:17	10:39:36.7	+43:06:09	300	87	3.0	0 Calibration	2	
0033.AWI0000632	900	03:19	08:37:37.2	+39:58:03	300	87	3.0	#219 Disk Dete	2	
0034.COMP	10	03:35	08:37:37.2	+39:58:03	300	87	3.0	0 Calibration	2	
0035.Comet.209P.LINEAR	1200	03:38	08:46:30.0	+65:21:24	300	87	3.0	#173 Small Sol	2	
0036.Comet.209P.LINEAR	1200	03:58	08:46:30.0	+65:21:24	300	87	3.0	#173 Small Sol	2	
0037.COMP	10	04:18	08:46:30.0	+65:21:24	300	87	3.0	0 Calibration	2	
0038.Comet.209P.LINEAR	1200	04:19	08:46:30.0	+65:21:24	300	87	3.0	#173 Small Sol	2	
0039.COMP	10	04:40	08:46:30.0	+65:21:24	300	87	3.0	0 Calibration	2	
0040.HIP56948	20	04:42	11:40:28.4	+69:00:31	300	87	3.0	#173 Small Sol	2	
0041.HIP56948	30	04:43	11:40:28.4	+69:00:31	300	87	3.0	#173 Small Sol	2	
0042.HIP56948	30	04:44	11:40:28.4	+69:00:31	300	87	3.0	#173 Small Sol	2	
0043.COMP	10	04:44	11:40:28.4	+69:00:31	300	87	3.0	0 Calibration	2	

UT Date 2014-05-08 Observers P BerlindColl. Focus 1350 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0044.brutus6783_3	300	04:47	11:18:06.5	+23:23:48	300	87	3.0	#99 Other Falc	2	
0045.COMP	10	04:52	11:18:06.5	+23:23:48	300	90	3.0	0 Calibration	2	
0046.SDSSJ1522p3913	1200	04:54	15:22:38.8	+39:13:52	300	89	3.0	#192 DASCH Lon	2	
0047.COMP	10	05:15	15:22:38.8	+39:13:52	300	89	3.0	0 Calibration	2	
0048.MCL1213+3900	600	05:19	12:13:35.9	+39:01:03	300	89	3.0	#218 M dwarfs	2	
0049.COMP	10	05:30	12:13:35.9	+39:01:03	300	89	3.0	0 Calibration	2	
0050.LP66-586	1800	05:33	14:17:22.7	+63:03:54	300	89	3.0	#218 M dwarfs	2	
0051.COMP	10	06:03	14:17:22.7	+63:03:54	300	89	3.0	0 Calibration	2	
0052.LP66-586	1800	06:04	14:17:22.7	+63:03:54	300	89	3.0	#218 M dwarfs	2	
0053.COMP	10	06:35	14:17:22.7	+63:03:54	300	89	3.0	0 Calibration	2	
0054.LP66-586	1800	06:36	14:17:22.7	+63:03:54	300	89	3.0	#218 M dwarfs	2	
0055.COMP	10	07:07	14:17:22.7	+63:03:54	300	89	3.0	0 Calibration	2	
0056.BDp262606	90	07:09	14:49:02.4	+25:42:09	300	90	3.0	#56 Spectropho	2	
0057.BDp262606	90	07:11	14:49:02.4	+25:42:09	300	90	3.0	#56 Spectropho	2	
0058.BDp262606	90	07:13	14:49:02.4	+25:42:09	300	90	3.0	#56 Spectropho	2	
0059.COMP	10	07:15	14:49:02.4	+25:42:09	300	90	3.0	0 Calibration	2	
0060.SLW1556+6016AB	1200	07:19	15:56:56.0	+60:16:56	300	92	3.0	#218 M dwarfs	2	WD at row 65
0061.SLW1556+6016AB	1200	07:39	15:56:56.0	+60:16:56	300	92	3.0	#218 M dwarfs	2	dM at row 111
0062.SLW1556+6016AB	1200	08:00	15:56:56.0	+60:16:56	300	92	3.0	#218 M dwarfs	2	please extract both objects
0063.COMP	10	08:20	15:56:56.0	+60:16:56	300	92	3.0	0 Calibration	2	

UT Date 2014-05-08 Observers P BerlindColl. Focus 1350 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0064.BDp332642	120	08:23	15:51:59.9	+32:56:54	300	92	3.0	#56 Spectropho	2	
0065.COMP	10	08:25	15:51:59.9	+32:56:54	300	92	3.0	0 Calibration	2	
0066.psn1652p0223	1500	08:27	16:52:57.6	+02:23:37	300	92	3.0	#2 SN Observat	2	
0067.COMP	10	08:53	16:52:57.6	+02:23:37	300	92	3.0	0 Calibration	2	
0068.SLW1559+3135	600	08:55	15:59:10.7	+31:35:44	300	92	3.0	#218 M dwarfs	2	
0069.COMP	10	09:05	15:59:10.7	+31:35:44	300	92	3.0	0 Calibration	2	
0070.MCL1620-0005	400	09:07	16:20:25.7	-00:05:26	300	91	3.0	#218 M dwarfs	2	
0071.MCL1620-0005	400	09:14	16:20:25.7	-00:05:26	300	91	3.0	#218 M dwarfs	2	
0072.MCL1620-0005	400	09:21	16:20:25.7	-00:05:26	300	91	3.0	#218 M dwarfs	2	
0073.COMP	10	09:28	16:20:25.7	-00:05:26	300	90	3.0	0 Calibration	2	
0074.MCL1727+2559	400	09:30	17:27:53.4	+25:59:11	300	90	3.0	#218 M dwarfs	2	
0075.MCL1727+2559	400	09:37	17:27:53.4	+25:59:11	300	90	3.0	#218 M dwarfs	2	
0076.MCL1727+2559	400	09:44	17:27:53.4	+25:59:11	300	90	3.0	#218 M dwarfs	2	
0077.COMP	10	09:52	17:27:53.4	+25:59:11	300	90	3.0	0 Calibration	2	
0078.SDSSJ1522p3913	1200	09:54	15:22:38.8	+39:13:52	300	90	3.0	#192 DASCH Lon	2	
0079.COMP	10	10:14	15:22:38.8	+39:13:52	300	90	3.0	0 Calibration	2	
0080.UGC11037	900	10:16	17:55:05.4	+18:15:27	300	90	3.0	#99 Other Falc	2	
0081.COMP	10	10:32	17:55:05.4	+18:15:27	300	90	3.0	0 Calibration	2	
0082.BFCyg	30	10:35	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0083.BFCyg	15	10:36	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	

UT Date 2014-05-08 Observers P BerlindColl. Focus 1350 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0084.BFCyg	120	10:36	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0085.COMP	10	10:38	19:23:53.0	+29:40:27	300	90	3.0	0 Calibration	2	
0086.dc184735p405944	1200	10:40	18:47:35.6	+40:59:44	300	90	3.0	#188 Dwarf Car	2	
0087.COMP	10	11:01	18:47:35.6	+40:59:44	300	90	3.0	0 Calibration	2	
0088.CICyg	5	11:02	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0089.CICyg	15	11:03	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0090.CICyg	60	11:04	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0091.COMP	10	11:05	19:50:12.0	+35:41:02	300	90	3.0	0 Calibration	2	
0092.AS360	60	11:07	19:45:49.0	+18:36:49	300	90	3.0	#12 Symbiotic	2	
0093.AS360	120	11:08	19:45:49.0	+18:36:49	300	90	3.0	#12 Symbiotic	2	
0094.AS360	600	11:11	19:45:49.0	+18:36:49	300	90	3.0	#12 Symbiotic	2	
0095.COMP	10	11:21	19:45:49.0	+18:36:49	300	89	3.0	0 Calibration	2	
0096.PUVul	30	11:22	20:21:13.0	+21:34:21	300	89	3.0	#12 Symbiotic	2	
0097.PUVul	5	11:23	20:21:13.0	+21:34:21	300	89	3.0	#12 Symbiotic	2	
0098.PUVul	120	11:23	20:21:13.0	+21:34:21	300	89	3.0	#12 Symbiotic	2	
0099.COMP	10	11:26	20:21:13.0	+21:34:21	300	89	3.0	0 Calibration	2	
0100.BDp404032	120	11:28	20:08:24.1	+41:15:04	300	89	3.0	#56 Spectropho	2	
0101.COMP	10	11:30	20:08:24.1	+41:15:04	300	89	3.0	0 Calibration	2	
0102.HD192281	10	11:31	20:12:33.1	+40:16:05	300	89	3.0	#56 Spectropho	2	
0103.HD192281	10	11:31	20:12:33.1	+40:16:05	300	89	3.0	#56 Spectropho	2	

UT Date 2014-05-08 Observers P BerlindColl. Focus 1350 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>
0104.HD192281	10	11:32	20:12:33.1	+40:16:05	300	89	3.0	#56 Spectropho	2	
0105.COMP	10	11:32	20:12:33.1	+40:16:05	300	89	3.0	0 Calibration	2	
0106.BDp284211	120	11:34	21:51:11.0	+28:51:50	300	89	3.0	#56 Spectropho	2	
0107.COMP	10	11:36	21:51:11.0	+28:51:50	300	89	3.0	0 Calibration	2	
0108.BDp332642	120	11:38	15:51:59.9	+32:56:54	300	89	3.0	#56 Spectropho	2	
0109.COMP	10	11:40	15:51:59.9	+32:56:54	300	89	3.0	0 Calibration	2	
0110-0119.BIAS	0	11:45	15:51:59.9	+32:56:54	300	89	3.0	0 Calibration	2	
0120-0134.FLAT	7	11:50	15:51:59.9	+32:56:54	300	89	3.0	0 Calibration	2	
0135-0139.DARK	1200	13:12	15:51:59.9	+32:56:54	300	89	3.0	0 Calibration	2	

UT Date 2014-05-09 Observers M CalkinsColl. Focus 1350 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0002.DARK	900	02:34	09:59:44.7	+31:34:45	300	90	3.0	0 Calibration	4	
0003-0012.BIAS	0	02:55	09:59:44.7	+31:34:45	300	90	3.0	0 Calibration	4	
0013-0032.FLAT	7	03:21	10:56:55.5	+31:35:12	300	90	3.0	0 Calibration	2	
0033-0042.BIAS	0	03:28	10:56:55.5	+31:35:12	300	90	3.0	0 Calibration	2	
0043.HD84937	30	03:31	09:48:56.1	+13:44:39	300	90	3.0	#56 Spectropho	2	
0044.COMP	10	03:33	09:48:56.1	+13:44:39	300	90	3.0	0 Calibration	2	
0045.Feige34	120	03:34	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	2	
0046.COMP	10	03:37	10:39:36.7	+43:06:09	300	90	3.0	0 Calibration	2	
0047.brutus6783_3	600	03:47	11:18:06.5	+23:23:48	300	90	3.0	#99 Other Falc	2	
0048.COMP	10	03:58	11:18:06.5	+23:23:48	300	90	3.0	0 Calibration	2	
0049.sn2014J	600	04:02	09:55:42.1	+69:40:26	300	90	3.0	#2 SN Observat	2	
0050.COMP	10	04:13	09:55:42.1	+69:40:26	300	90	3.0	0 Calibration	2	
0051.AWI00002xh	360	04:18	09:26:09.6	+06:13:00	300	90	3.0	#219 Disk Dete	2	
0052.COMP	10	04:24	09:26:09.6	+06:13:00	300	90	3.0	0 Calibration	2	
0053.AWI0000t35	300	04:28	15:34:56.2	+33:51:45	300	90	3.0	#219 Disk Dete	2	
0054.COMP	10	04:33	15:34:56.2	+33:51:45	300	90	3.0	0 Calibration	2	
0055.TYC2574	300	04:35	15:37:16.3	+33:18:34	300	90	3.0	#219 Disk Dete	2	
0056.COMP	10	04:44	15:37:16.3	+33:18:34	300	90	3.0	0 Calibration	2	
0057.HD140101	20	04:46	15:40:30.2	+37:01:01	300	90	3.0	#219 Disk Dete	2	
0058.COMP	10	04:47	15:40:30.2	+37:01:01	300	90	3.0	0 Calibration	2	

UT Date 2014-05-09 Observers M CalkinsColl. Focus 1350 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0059.HD140101	10	04:47	15:40:30.2	+37:01:01	300	90	3.0	#219 Disk Dete	2	
0060.COMP	10	04:48	15:40:30.2	+37:01:01	300	90	3.0	0 Calibration	2	
0061.SLW1327+3726	1800	04:54	13:27:08.6	+37:26:41	300	90	3.0	#218 M dwarfs	2	
0062.SLW1327+3726	1800	05:24	13:27:08.6	+37:26:41	300	90	3.0	#218 M dwarfs	2	
0063.COMP	10	06:01	13:27:08.6	+37:26:41	300	90	3.0	0 Calibration	2	
0064.SLW1327+3725	1800	06:03	13:27:09.0	+37:25:26	300	90	3.0	#218 M dwarfs	2	
0065.SLW1327+3725	1800	06:33	13:27:09.0	+37:25:26	300	90	3.0	#218 M dwarfs	2	
0066.COMP	10	07:03	13:27:09.0	+37:25:26	300	89	3.0	0 Calibration	2	
0067.snj1400	1200	07:06	14:00:54.5	+40:59:00	300	70	3.0	#2 SN Observat	2	clouds coming in
0068.snj1400	1200	07:26	14:00:54.5	+40:59:00	300	70	3.0	#2 SN Observat	2	
0069.snj1400	1200	07:46	14:00:54.5	+40:59:00	300	70	3.0	#2 SN Observat	2	
0070.COMP	10	08:07	14:00:54.5	+40:59:00	300	70	3.0	0 Calibration	2	
0071.MCL1507+6049	1800	08:12	15:07:09.3	+60:49:58	300	90	3.0	#218 M dwarfs	2	weak
0072.MCL1507+6049	1800	08:43	15:07:09.3	+60:49:58	300	90	3.0	#218 M dwarfs	2	
0073.COMP	10	09:13	15:07:09.3	+60:49:58	300	90	3.0	0 Calibration	2	
0074.SLW1613+0609	1200	09:17	16:13:34.9	+06:09:24	300	90	3.0	#218 M dwarfs	2	
0075.SLW1613+0609	1200	09:37	16:13:34.9	+06:09:24	300	90	3.0	#218 M dwarfs	2	
0076.SLW1613+0609	1200	09:57	16:13:34.9	+06:09:24	300	90	3.0	#218 M dwarfs	2	
0077.COMP	10	10:18	16:13:34.9	+06:09:24	300	89	3.0	0 Calibration	2	
0078.SLW1613+0609	1200	10:20	16:13:35.9	+06:09:44	300	89	3.0	#218 M dwarfs	2	

UT Date 2014-05-09 Observers M CalkinsColl. Focus 1350 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0079.SLW1613+0609	1200	10:41	16:13:35.9	+06:09:44	300	89	3.0	#218 M dwarfs	2	
0080.SLW1613+0609	1200	11:01	16:13:35.9	+06:09:44	300	89	3.0	#218 M dwarfs	2	
0081.COMP	10	11:21	16:13:35.9	+06:09:44	300	89	3.0	0 Calibration	2	
0082.BDp284211	150	11:24	21:51:11.0	+28:51:50	300	89	3.0	#56 Spectropho	2	
0083.COMP	10	11:27	21:51:11.0	+28:51:50	300	89	3.0	0 Calibration	2	
0084.BDp174708	90	11:28	22:11:31.4	+18:05:34	300	89	3.0	#56 Spectropho	2	
0085.COMP	10	11:30	22:11:31.4	+18:05:34	300	89	3.0	0 Calibration	2	
0086-0095.BIAS	0	11:35	22:11:31.4	+18:05:34	300	89	3.0	0 Calibration	2	
0096-0115.FLAT	7	11:41	22:11:31.4	+18:05:34	300	89	3.0	0 Calibration	2	
0116-0120.DARK	900	12:45	22:11:31.4	+18:05:34	300	89	3.0	0 Calibration	4	
0121-0122.DARK	900	13:15	22:11:31.4	+18:05:34	300	89	3.0	0 Calibration	2	

UT Date 2014-05-28 Observers IrwinColl. Focus 1350 Grating/Grism 300

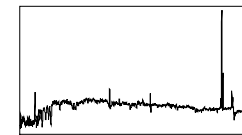
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0002-0006.DARK	900	22:47	02:08:04.1	+31:26:42	300	89	3.0	0 Calibration	2	
0007-0011.DARK	900	00:04	02:08:04.1	+31:26:42	300	89	3.0	0 Calibration	4	
0012-0021.BIAS	0	00:52	02:08:04.1	+31:26:42	300	89	3.0	0 Calibration	4	
0022-0031.FLAT	4	00:54	02:08:04.1	+31:26:42	300	89	3.0	0 Calibration	4	
0032-0041.BIAS	0	00:56	02:08:04.1	+31:26:42	300	89	3.0	0 Calibration	2	
0042-0056.FLAT	7	01:01	02:08:04.1	+31:26:42	300	89	3.0	0 Calibration	2	
0057.COMP	10	02:17	02:08:04.1	+31:26:42	300	89	3.0	0 Calibration	2	
0058.HIP55219	1	03:01	11:18:28.8	+33:05:39	300	89	3.0	#57 Velocity S	2	test
0059.HIP55219	1	03:02	11:18:28.8	+33:05:39	300	89	3.0	#57 Velocity S	2	test
0060.HIP55219	1	03:03	11:18:28.8	+33:05:39	300	89	3.0	#57 Velocity S	2	test
0061.HIP55219	1	03:03	11:18:28.8	+33:05:39	300	89	3.0	#57 Velocity S	2	test got it
0062.Feige66	120	03:28	12:37:23.5	+25:04:00	300	89	3.0	#56 Spectropho	2	
0063.COMP	10	03:30	12:37:23.5	+25:04:00	300	89	3.0	0 Calibration	2	
0064.N4853	300	03:31	12:58:35.2	+27:35:47	300	90	3.0	#57 Velocity S	2	
0065.COMP	10	03:37	12:58:35.2	+27:35:47	300	90	3.0	0 Calibration	2	
0066.TXCVn	10	03:38	12:44:42.0	+36:45:48	300	90	3.0	#12 Symbiotic	2	
0067.TXCVn	30	03:39	12:44:42.0	+36:45:48	300	90	3.0	#12 Symbiotic	2	
0068.COMP	10	03:40	12:44:42.0	+36:45:48	300	90	3.0	0 Calibration	2	
0069.AWI0000vk9	507	04:29	12:23:37.9	-07:14:56	300	89	3.0	#219 Disk Dete	2	
0070.COMP	10	04:38	12:23:37.9	-07:14:56	300	88	3.0	0 Calibration	2	

UT Date 2014-05-28 Observers IrwinColl. Focus 1350 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0071.RWHya	2	04:40	13:34:18.0	-25:22:51	300	88	3.0	#12 Symbiotic	2	
0072.RWHya	10	04:41	13:34:18.0	-25:22:51	300	88	3.0	#12 Symbiotic	2	
0073.RWHya	20	04:41	13:34:18.0	-25:22:51	300	88	3.0	#12 Symbiotic	2	
0074.COMP	10	04:42	13:34:18.0	-25:22:51	300	88	3.0	0 Calibration	2	
0075.sniPTF15bdn	1800	04:46	13:30:44.9	+32:45:42	300	105	3.0	#2 SN Observat	2	
0076.COMP	10	05:16	13:30:44.9	+32:45:42	300	105	3.0	0 Calibration	2	
0077.sniPTF15bdn	1800	05:17	13:30:44.9	+32:45:42	300	105	3.0	#2 SN Observat	2	
0078.COMP	10	05:47	13:30:44.9	+32:45:42	300	105	3.0	0 Calibration	2	
0079.snASASSN14bb	1800	05:51	12:14:11.3	+38:39:41	300	90	3.0	#2 SN Observat	2	
0080.COMP	10	06:21	12:14:11.3	+38:39:41	300	90	3.0	0 Calibration	2	
0081.BDp262606	90	06:24	14:49:02.4	+25:42:09	300	90	3.0	#56 Spectropho	2	
0082.COMP	10	06:26	14:49:02.4	+25:42:09	300	90	3.0	0 Calibration	2	
0083.BDp332642	120	06:28	15:51:59.9	+32:56:54	300	89	3.0	#56 Spectropho	2	
0084.COMP	10	06:30	15:51:59.9	+32:56:54	300	89	3.0	0 Calibration	2	
0085.T3097271	240	06:32	13:55:28.0	+00:15:22	300	90	3.0	#192 DASCH Lon	2	
0086.COMP	10	06:36	13:55:28.0	+00:15:22	300	90	3.0	0 Calibration	2	
0087.snj1502	1200	06:39	15:02:48.9	+48:47:06	300	30	3.0	#2 SN Observat	2	
0088.COMP	10	06:59	15:02:48.9	+48:47:06	300	30	3.0	0 Calibration	2	
0089.snASASSN14ay	1200	07:14	15:57:03.1	+37:24:58	300	30	3.0	#2 SN Observat	2	
0090.COMP	10	07:34	15:57:03.1	+37:24:58	300	30	3.0	0 Calibration	2	

UT Date 2014-05-28 Observers IrwinColl. Focus 1350 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0091.S2332013424	300	07:37	15:49:15.4	-26:00:54	300	90	3.0	#192 DASCH Lon	2	
0092.COMP	10	07:42	15:49:15.4	-26:00:54	300	90	3.0	0 Calibration	2	
0093.T202910301	180	07:45	15:35:36.6	+25:45:10	300	90	3.0	#192 DASCH Lon	2	saturated
0094.COMP	10	07:48	15:35:36.6	+25:45:10	300	90	3.0	0 Calibration	2	
0095.T202910301	60	07:49	15:35:36.6	+25:45:10	300	90	3.0	#192 DASCH Lon	2	
0096.AWI0000tsh	300	07:52	15:50:09.3	+40:38:23	300	105	3.0	#219 Disk Dete	2	
0097.COMP	10	07:57	15:50:09.3	+40:38:23	300	105	3.0	0 Calibration	2	
0098.AS210	5	08:00	16:51:20.3	-26:00:33	300	50	3.0	#12 Symbiotic	2	
0099.AS210	300	08:01	16:51:20.3	-26:00:33	300	50	3.0	#12 Symbiotic	2	
0100.COMP	10	08:06	16:51:20.3	-26:00:33	300	50	3.0	0 Calibration	2	
0101.Hen1341	12	08:08	17:08:36.0	-17:26:30	300	50	3.0	#12 Symbiotic	2	
0102.Hen1341	30	08:08	17:08:36.0	-17:26:30	300	50	3.0	#12 Symbiotic	2	
0103.Hen1341	60	08:09	17:08:36.0	-17:26:30	300	50	3.0	#12 Symbiotic	2	
0104.COMP	10	08:10	17:08:36.0	-17:26:30	300	50	3.0	0 Calibration	2	
0105.AGDra	2	08:14	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0106.AGDra	15	08:14	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0107.AGDra	60	08:14	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0108.COMP	10	08:16	16:01:41.0	+66:48:10	300	90	3.0	0 Calibration	2	
0109.TCrB	15	08:17	15:59:30.0	+25:55:12	300	90	3.0	#12 Symbiotic	2	
0110.TCrB	60	08:18	15:59:30.0	+25:55:12	300	90	3.0	#12 Symbiotic	2	

UT Date 2014-05-28 Observers IrwinColl. Focus 1350 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0111.COMP	10	08:19	15:59:30.0	+25:55:12	300	90	3.0	0 Calibration	2	
0112.SNJ1652	1800	08:22	16:52:57.6	+02:23:37	300	90	3.0	#2 SN Observat	2	
0113.COMP	10	08:52	16:52:57.6	+02:23:37	300	90	3.0	0 Calibration	2	
0114.RSOph	10	08:53	17:50:13.0	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0115.RSOph	60	08:54	17:50:13.0	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0116.RSOph	150	08:55	17:50:13.0	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0117.COMP	10	08:58	17:50:13.0	-06:42:30	300	90	3.0	0 Calibration	2	
0118.AS289	15	08:59	18:12:22.0	-11:40:08	300	90	3.0	#12 Symbiotic	2	
0119.AS289	420	08:59	18:12:22.0	-11:40:08	300	90	3.0	#12 Symbiotic	2	
0120.COMP	10	09:07	18:12:22.0	-11:40:08	300	89	3.0	0 Calibration	2	
0121.AS270	60	09:08	18:05:33.7	-20:20:38	300	89	3.0	#12 Symbiotic	2	
0122.AS270	300	09:09	18:05:33.7	-20:20:38	300	90	3.0	#12 Symbiotic	2	
0123.COMP	10	09:15	18:05:33.7	-20:20:38	300	90	3.0	0 Calibration	2	
0124.Hen1591	120	09:17	18:07:32.0	-25:53:43	300	90	3.0	#12 Symbiotic	2	
0125.Hen1591	300	09:19	18:07:32.0	-25:53:43	300	89	3.0	#12 Symbiotic	2	
0126.COMP	10	09:25	18:07:32.0	-25:53:43	300	89	3.0	0 Calibration	2	
0127.AS281	60	09:26	18:10:44.0	-27:57:51	300	89	3.0	#12 Symbiotic	2	
0128.AS281	360	09:27	18:10:44.0	-27:57:51	300	89	3.0	#12 Symbiotic	2	
0129.COMP	10	09:33	18:10:44.0	-27:57:51	300	90	3.0	0 Calibration	2	
0130.YYHer	10	09:36	18:14:34.0	+20:59:19	300	90	3.0	#12 Symbiotic	2	

UT Date 2014-05-28 Observers IrwinColl. Focus 1350 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0131.YYHer	60	09:36	18:14:34.0	+20:59:19	300	90	3.0	#12 Symbiotic	2	
0132.COMP	10	09:38	18:14:34.0	+20:59:19	300	90	3.0	0 Calibration	2	
0133.Hen1674	120	09:42	18:20:19.1	-26:22:46	300	0	3.0	#12 Symbiotic	2	
0134.Hen1674	600	09:44	18:20:19.1	-26:22:46	300	0	3.0	#12 Symbiotic	2	
0135.COMP	10	09:55	18:20:19.1	-26:22:46	300	0	3.0	0 Calibration	2	
0136.V443Her	5	09:59	18:22:07.0	+23:27:20	300	110	3.0	#12 Symbiotic	2	
0137.V443Her	45	10:00	18:22:07.0	+23:27:20	300	110	3.0	#12 Symbiotic	2	
0138.V443Her	90	10:00	18:22:07.0	+23:27:20	300	110	3.0	#12 Symbiotic	2	
0139.COMP	10	10:02	18:22:07.0	+23:27:20	300	110	3.0	0 Calibration	2	
0140.AS316	30	10:04	18:42:33.0	-21:17:47	300	110	3.0	#12 Symbiotic	2	
0141.AS316	300	10:05	18:42:33.0	-21:17:47	300	110	3.0	#12 Symbiotic	2	
0142.COMP	10	10:10	18:42:33.0	-21:17:47	300	110	3.0	0 Calibration	2	
0143.AS327	30	10:12	18:53:17.0	-24:22:59	300	110	3.0	#12 Symbiotic	2	
0144.AS327	300	10:12	18:53:17.0	-24:22:59	300	110	3.0	#12 Symbiotic	2	
0145.COMP	10	10:18	18:53:17.0	-24:22:59	300	110	3.0	0 Calibration	2	
0146.snASASSN4ax	1800	10:21	17:10:00.7	+27:06:20	300	91	3.0	#2 SN Observat	2	
0147.COMP	10	10:51	17:10:00.7	+27:06:20	300	91	3.0	0 Calibration	2	
0148.CHCyg	1	10:53	19:24:33.0	+50:14:30	300	111	3.0	#12 Symbiotic	2	
0149.CHCyg	5	10:54	19:24:33.0	+50:14:30	300	111	3.0	#12 Symbiotic	2	
0150.CHCyg	30	10:54	19:24:33.0	+50:14:30	300	111	3.0	#12 Symbiotic	2	

UT Date 2014-05-28 Observers IrwinColl. Focus 1350 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0151.COMP	10	10:55	19:24:33.0	+50:14:30	300	111	3.0	0 Calibration	2	
0152.CICyg	4	10:56	19:50:12.0	+35:41:02	300	111	3.0	#12 Symbiotic	2	
0153.CICyg	15	10:57	19:50:12.0	+35:41:02	300	111	3.0	#12 Symbiotic	2	
0154.COMP	10	10:57	19:50:12.0	+35:41:02	300	111	3.0	0 Calibration	2	
0155.BFCyg	15	10:59	19:23:53.0	+29:40:27	300	111	3.0	#12 Symbiotic	2	
0156.BFCyg	15	10:59	19:23:53.0	+29:40:27	300	111	3.0	#12 Symbiotic	2	
0157.COMP	10	11:00	19:23:53.0	+29:40:27	300	111	3.0	0 Calibration	2	
0158.PUVul	1	11:01	20:21:13.0	+21:34:21	300	91	3.0	#12 Symbiotic	2	
0159.PUVul	10	11:01	20:21:13.0	+21:34:21	300	91	3.0	#12 Symbiotic	2	
0160.PUVul	60	11:02	20:21:13.0	+21:34:21	300	91	3.0	#12 Symbiotic	2	
0161.COMP	10	11:03	20:21:13.0	+21:34:21	300	91	3.0	0 Calibration	2	
0162.HD192281	10	11:05	20:12:33.1	+40:16:05	300	91	3.0	#56 Spectropho	2	
0163.COMP	10	11:06	20:12:33.1	+40:16:05	300	91	3.0	0 Calibration	2	
0164.HD192281	20	11:06	20:12:33.1	+40:16:05	300	91	3.0	#56 Spectropho	2	
0165.HD192281	20	11:07	20:12:33.1	+40:16:05	300	91	3.0	#56 Spectropho	2	
0166.HD192281	20	11:07	20:12:33.1	+40:16:05	300	91	3.0	#56 Spectropho	2	
0167-0176.BIAS	0	11:13	20:12:33.1	+40:16:05	300	91	3.0	0 Calibration	4	
0177-0186.FLAT	4	11:15	20:12:33.1	+40:16:05	300	91	3.0	0 Calibration	4	
0187-0196.BIAS	0	11:17	20:12:33.1	+40:16:05	300	91	3.0	0 Calibration	2	
0197-0211.FLAT	7	11:22	20:12:33.1	+40:16:05	300	91	3.0	0 Calibration	2	

UT Date 2014-05-28 Observers IrwinColl. Focus 1350 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>
0212-0216.DARK	900	12:32	20:12:33.1	+40:16:05	300	91	3.0	0 Calibration	2	
0217-0221.DARK	900	13:48	20:12:33.1	+40:16:05	300	91	3.0	0 Calibration	4	



UT Date 2014-05-29 Observers Irwin

Coll. Focus 1350 Grating/Grism 300

<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0001-0005.DARK	900	22:22	20:12:33.1	+40:16:05	300	91	3.0	0 Calibration	2	
0006-0010.DARK	900	23:39	20:12:33.1	+40:16:05	300	91	3.0	0 Calibration	4	
0011.BIAS	0	01:07	20:12:33.1	+40:16:05	300	91	3.0	0 Calibration	2	
0012-0021.BIAS	0	01:09	20:12:33.1	+40:16:05	300	91	3.0	0 Calibration	4	
0022-0031.FLAT	4	01:11	20:12:33.1	+40:16:05	300	91	3.0	0 Calibration	4	
0032-0041.BIAS	0	01:13	20:12:33.1	+40:16:05	300	91	3.0	0 Calibration	2	
0042-0056.FLAT	7	01:18	20:12:33.1	+40:16:05	300	91	3.0	0 Calibration	2	
0057-0061.DARK	900	12:24	20:12:33.1	+40:16:05	300	91	3.0	0 Calibration	2	
0062-0065.DARK	900	13:26	20:12:33.1	+40:16:05	300	91	3.0	0 Calibration	4	

UT Date 2014-05-30 Observers IrwinColl. Focus 1350 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0005.DARK	900	22:57	02:05:22.6	+31:26:40	300	90	3.0	0 Calibration	2	
0006-0010.DARK	900	00:13	02:05:22.6	+31:26:40	300	90	3.0	0 Calibration	4	
0011-0020.BIAS	0	00:41	02:05:22.6	+31:26:40	300	90	3.0	0 Calibration	4	
0021-0030.FLAT	4	00:43	02:05:22.6	+31:26:40	300	90	3.0	0 Calibration	4	
0031-0040.BIAS	0	00:45	02:05:22.6	+31:26:40	300	90	3.0	0 Calibration	2	
0041-0055.FLAT	7	00:50	02:05:22.6	+31:26:40	300	90	3.0	0 Calibration	2	
0056.Feige66	120	03:31	12:37:23.5	+25:04:00	300	90	3.0	#56 Spectropho	2	
0057.COMP	10	03:34	12:37:23.5	+25:04:00	300	90	3.0	0 Calibration	2	
0058.N4853	600	03:35	12:58:35.2	+27:35:47	300	89	3.0	#57 Velocity S	2	
0059.COMP	10	03:45	12:58:35.2	+27:35:47	300	89	3.0	0 Calibration	2	
0060.BDp262606	90	03:47	14:49:02.4	+25:42:09	300	89	3.0	#56 Spectropho	2	
0061.COMP	10	03:49	14:49:02.4	+25:42:09	300	89	3.0	0 Calibration	2	
0062.AWIO0000my	2400	03:52	10:13:07.6	-10:05:02	300	90	3.0	#219 Disk Dete	2	
0063.COMP	10	04:32	10:13:07.6	-10:05:02	300	90	3.0	0 Calibration	2	
0064.MCL1208+6224	1500	04:36	12:08:27.9	+62:24:47	300	90	3.0	#218 M dwarfs	2	
0065.COMP	10	05:01	12:08:27.9	+62:24:47	300	90	3.0	0 Calibration	2	
0066.MCL1212+2315	1500	05:04	12:12:17.9	+23:15:28	300	90	3.0	#218 M dwarfs	2	
0067.COMP	10	05:30	12:12:17.9	+23:15:28	300	90	3.0	0 Calibration	2	
0068.MCL1212+2315	1500	05:31	12:12:17.9	+23:15:28	300	90	3.0	#218 M dwarfs	2	
0069.COMP	10	05:56	12:12:17.9	+23:15:28	300	90	3.0	0 Calibration	2	

UT Date 2014-05-30 Observers IrwinColl. Focus 1350 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0070.snj1325	1800	05:58	13:25:38.8	+25:57:34	300	90	3.0	#2 SN Observat	2	
0071.COMP	10	06:28	13:25:38.8	+25:57:34	300	90	3.0	0 Calibration	2	
0072.sniPTF14bdn	1800	06:30	13:30:44.9	+32:45:42	300	105	3.0	#2 SN Observat	2	
0073.COMP	10	07:01	13:30:44.9	+32:45:42	300	105	3.0	0 Calibration	2	
0074.BDp332642	120	07:03	15:51:59.9	+32:56:54	300	91	3.0	#56 Spectropho	2	
0075.COMP	10	07:05	15:51:59.9	+32:56:54	300	91	3.0	0 Calibration	2	
0076.AWI00004ox	1800	07:11	15:10:09.3	+80:24:53	300	90	3.0	#219 Disk Dete	2	
0077.COMP	10	07:41	15:10:09.3	+80:24:53	300	90	3.0	0 Calibration	2	
0078.SDSSJ1522p3913	1200	07:44	15:22:38.8	+39:13:52	300	91	3.0	#192 DASCH Lon	2	
0079.COMP	10	08:05	15:22:38.8	+39:13:52	300	91	3.0	0 Calibration	2	
0080.SDSSJ1522p3913	1200	08:05	15:22:38.8	+39:13:52	300	90	3.0	#192 DASCH Lon	2	
0081.COMP	10	08:26	15:22:38.8	+39:13:52	300	90	3.0	0 Calibration	2	
0082.AWI0000t35	1200	08:27	15:34:56.2	+33:51:45	300	89	3.0	#219 Disk Dete	2	
0083.COMP	10	08:48	15:34:56.2	+33:51:45	300	89	3.0	0 Calibration	2	
0084.AWI000047d	400	08:50	16:48:37.4	+35:12:09	300	90	3.0	#219 Disk Dete	2	
0085.COMP	10	08:57	16:48:37.4	+35:12:09	300	90	3.0	0 Calibration	2	
0086.AWI000047d	400	08:58	16:48:37.4	+35:12:09	300	89	3.0	#219 Disk Dete	2	
0087.AS296	30	09:06	18:15:07.0	-00:18:52	300	89	3.0	#12 Symbiotic	2	
0088.AS296	120	09:07	18:15:07.0	-00:18:52	300	89	3.0	#12 Symbiotic	2	
0089.COMP	10	09:09	18:15:07.0	-00:18:52	300	89	3.0	0 Calibration	2	

UT Date 2014-05-30 Observers IrwinColl. Focus 1350 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0090.AWI000042e	2400	09:13	16:40:47.0	+62:25:23	300	90	3.0	#219 Disk Dete	2	
0091.COMP	10	09:53	16:40:47.0	+62:25:23	300	90	3.0	0 Calibration	2	
0092.DracoC1	1200	09:55	17:19:58.0	+57:50:06	300	90	3.0	#12 Symbiotic	2	
0093.COMP	10	10:15	17:19:58.0	+57:50:06	300	90	3.0	0 Calibration	2	
0094.V919Sgr	15	10:19	19:03:45.0	-16:59:56	300	0	3.0	#12 Symbiotic	2	
0095.V919Sgr	30	10:20	19:03:45.0	-16:59:56	300	0	3.0	#12 Symbiotic	2	
0096.COMP	10	10:21	19:03:45.0	-16:59:56	300	0	3.0	0 Calibration	2	
0097.AWI000028h	1800	10:25	16:55:56.6	+24:15:54	300	39	3.0	#219 Disk Dete	2	
0098.COMP	10	10:55	16:55:56.6	+24:15:54	300	39	3.0	0 Calibration	2	
0099.HD192281	20	10:58	20:12:33.1	+40:16:05	300	90	3.0	#56 Spectropho	2	
0100.COMP	10	10:58	20:12:33.1	+40:16:05	300	90	3.0	0 Calibration	2	
0101.HD192281	10	10:59	20:12:33.1	+40:16:05	300	90	3.0	#56 Spectropho	2	
0102.HD192281	10	10:59	20:12:33.1	+40:16:05	300	90	3.0	#56 Spectropho	2	
0103.HD192281	10	11:00	20:12:33.1	+40:16:05	300	90	3.0	#56 Spectropho	2	
0104.BDp284211	60	11:04	21:51:11.0	+28:51:50	300	90	5.0	#56 Spectropho	2	5 sec slit binby2
0105.BDp284211	60	11:05	21:51:11.0	+28:51:50	300	90	5.0	#56 Spectropho	2	
0106.BDp284211	60	11:07	21:51:11.0	+28:51:50	300	90	5.0	#56 Spectropho	2	
0107.BDp284211	60	11:08	21:51:11.0	+28:51:50	300	90	5.0	#56 Spectropho	2	
0108.BDp284211	60	11:09	21:51:11.0	+28:51:50	300	89	5.0	#56 Spectropho	2	
0109.COMP	10	11:10	21:51:11.0	+28:51:50	300	89	5.0	0 Calibration	2	

UT Date 2014-05-30 Observers IrwinColl. Focus 1350 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0110.HD192281	5	11:12	20:12:33.1	+40:16:05	300	89	5.0	#56 Spectropho	2	
0111.HD192281	5	11:12	20:12:33.1	+40:16:05	300	89	5.0	#56 Spectropho	2	
0112.HD192281	5	11:13	20:12:33.1	+40:16:05	300	89	5.0	#56 Spectropho	2	
0113.HD192281	5	11:13	20:12:33.1	+40:16:05	300	89	5.0	#56 Spectropho	2	
0114.HD192281	5	11:13	20:12:33.1	+40:16:05	300	89	5.0	#56 Spectropho	2	
0115.COMP	10	11:14	20:12:33.1	+40:16:05	300	89	5.0	0 Calibration	2	
0116.BDp284211	60	11:16	21:51:11.0	+28:51:50	300	89	5.0	#56 Spectropho	4	binby4 try again with right binning this time
0117.BDp284211	60	11:17	21:51:11.0	+28:51:50	300	89	5.0	#56 Spectropho	4	
0118.BDp284211	60	11:18	21:51:11.0	+28:51:50	300	89	5.0	#56 Spectropho	4	
0119.BDp284211	60	11:19	21:51:11.0	+28:51:50	300	89	5.0	#56 Spectropho	4	
0120.BDp284211	60	11:20	21:51:11.0	+28:51:50	300	89	5.0	#56 Spectropho	4	
0121.COMP	5	11:21	21:51:11.0	+28:51:50	300	89	5.0	0 Calibration	4	
0122.HD192281	5	11:23	20:12:33.1	+40:16:05	300	89	5.0	#56 Spectropho	4	
0123.HD192281	5	11:23	20:12:33.1	+40:16:05	300	89	5.0	#56 Spectropho	4	
0124.HD192281	5	11:23	20:12:33.1	+40:16:05	300	89	5.0	#56 Spectropho	4	
0125.HD192281	5	11:23	20:12:33.1	+40:16:05	300	89	5.0	#56 Spectropho	4	
0126.HD192281	5	11:24	20:12:33.1	+40:16:05	300	89	5.0	#56 Spectropho	4	
0127.COMP	5	11:24	20:12:33.1	+40:16:05	300	89	5.0	0 Calibration	4	
0128-0142.BIAS	0	11:30	20:12:33.1	+40:16:05	300	89	5.0	0 Calibration	4	
0143-0157.FLAT	2	11:33	20:12:33.1	+40:16:05	300	89	5.0	0 Calibration	4	

UT Date 2014-05-30 Observers IrwinColl. Focus 1350 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>
0158-0172.BIAS	0	11:36	20:12:33.1	+40:16:05	300	89	5.0	0 Calibration	2	
0173-0187.FLAT	4	11:41	20:12:33.1	+40:16:05	300	89	5.0	0 Calibration	2	
0188-0192.DARK	900	12:51	20:12:33.1	+40:16:05	300	89	3.0	0 Calibration	2	
0193-0197.DARK	900	14:08	20:12:33.1	+40:16:05	300	89	3.0	0 Calibration	4	

UT Date 2014-05-31 Observers IrwinColl. Focus 1350 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0004.COMP	10	22:58	20:12:33.1	+40:16:05	300	89	3.0	0 Calibration	2	300 line, tiltpos 632, Zexas 3950-7950
0005-0009.DARK	900	00:16	20:12:33.1	+40:16:05	300	89	3.0	0 Calibration	2	
0010-0029.BIAS	0	00:36	20:12:33.1	+40:16:05	300	89	3.0	0 Calibration	2	
0030-0049.FLAT	7	00:44	20:12:33.1	+40:16:05	300	89	3.0	0 Calibration	2	
0050.Feige66	120	03:32	12:37:23.5	+25:04:00	300	89	3.0	#56 Spectropho	2	
0051.COMP	10	03:35	12:37:23.5	+25:04:00	300	89	3.0	0 Calibration	2	
0052.N4853	600	03:36	12:58:35.2	+27:35:47	300	88	3.0	#57 Velocity S	2	oops wrong fuzzy sorry
0053.COMP	10	03:47	12:58:35.2	+27:35:47	300	88	3.0	0 Calibration	2	
0054.N4853	600	03:48	12:58:35.2	+27:35:47	300	88	3.0	#57 Velocity S	2	
0055.COMP	10	03:58	12:58:35.2	+27:35:47	300	88	3.0	0 Calibration	2	
0056.IRAS11267+1558	120	04:04	11:29:24.7	+15:41:41	300	74	3.0	#199 Optical n	2	test. just black pitchness in this guider field, this object i
0057.IRAS11267+1558	1800	04:06	11:29:24.7	+15:41:41	300	74	3.0	#199 Optical n	2	
0058.COMP	10	04:36	11:29:24.7	+15:41:41	300	74	3.0	0 Calibration	2	
0059.IRAS12468+3436	120	04:42	12:49:17.2	+34:19:43	300	36	3.0	#199 Optical n	2	test
0060.IRAS12468+3436	1800	04:44	12:49:17.2	+34:19:43	300	35	3.0	#199 Optical n	2	
0061.COMP	10	05:14	12:49:17.2	+34:19:43	300	35	3.0	0 Calibration	2	
0062.BDp262606	90	05:16	14:49:02.4	+25:42:09	300	89	3.0	#56 Spectropho	2	
0063.COMP	10	05:18	14:49:02.4	+25:42:09	300	89	3.0	0 Calibration	2	
0064.COMP	5	05:20	14:49:02.4	+25:42:09	300	89	3.0	0 Calibration	2	test
0065.COMP	5	05:22	14:49:02.4	+25:42:09	300	89	3.0	0 Calibration	2	test

UT Date 2014-05-31 Observers IrwinColl. Focus 1350 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0066.COMP	5	05:23	14:49:02.4	+25:42:09	300	89	3.0	0 Calibration	2	test
0067.FLAT	7	05:24	14:49:02.4	+25:42:09	300	89	3.0	0 Calibration	2	standard setup
0068-0086.FLAT	7	05:30	14:49:02.4	+25:42:09	300	89	3.0	0 Calibration	2	
0087.MCL1222+1850	900	05:33	12:22:54.8	+18:50:12	300	110	3.0	#218 M dwarfs	2	
0088.COMP	10	05:48	12:22:54.8	+18:50:12	300	110	3.0	0 Calibration	2	
0089.BDp262606	90	05:50	14:49:02.4	+25:42:09	300	90	3.0	#56 Spectropho	2	
0090.COMP	10	05:52	14:49:02.4	+25:42:09	300	90	3.0	0 Calibration	2	
0091.BDp332642	150	05:54	15:51:59.9	+32:56:54	300	90	3.0	#56 Spectropho	2	
0092.COMP	10	05:57	15:51:59.9	+32:56:54	300	90	3.0	0 Calibration	2	
0093.snj1325	1800	06:00	13:25:38.8	+25:57:34	300	90	3.0	#2 SN Observat	2	
0094.COMP	10	06:30	13:25:38.8	+25:57:34	300	90	3.0	0 Calibration	2	
0095.N5846	600	06:32	15:06:29.3	+01:36:20	300	90	3.0	#57 Velocity S	2	
0096.COMP	10	06:42	15:06:29.3	+01:36:20	300	90	3.0	0 Calibration	2	
0097.sniPTF14bdn	1800	06:47	13:30:44.9	+32:45:42	300	105	3.0	#2 SN Observat	2	
0098.COMP	10	07:17	13:30:44.9	+32:45:42	300	105	3.0	0 Calibration	2	
0099.SDSSJ1522p3913	1200	07:20	15:22:38.8	+39:13:52	300	91	3.0	#192 DASCH Lon	2	
0100.COMP	10	07:40	15:22:38.8	+39:13:52	300	91	3.0	0 Calibration	2	
0101.SDSSJ1522p3913	1200	07:41	15:22:38.8	+39:13:52	300	91	3.0	#192 DASCH Lon	2	
0102.COMP	10	08:01	15:22:38.8	+39:13:52	300	91	3.0	0 Calibration	2	
0103.AWIO0001sw	733	08:06	16:20:03.3	+06:11:05	300	91	3.0	#219 Disk Dete	2	booming in I band so guider a little misleading

UT Date 2014-05-31 Observers IrwinColl. Focus 1350 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0104.COMP	10	08:18	16:20:03.3	+06:11:05	300	90	3.0	0 Calibration	2	
0105.AWI00001sw	1800	08:19	16:20:03.3	+06:11:05	300	90	3.0	#219 Disk Dete	2	
0106.COMP	10	08:50	16:20:03.3	+06:11:05	300	90	3.0	0 Calibration	2	
0107.AWI000047d	400	08:52	16:48:37.4	+35:12:09	300	90	3.0	#219 Disk Dete	2	
0108.COMP	10	08:59	16:48:37.4	+35:12:09	300	90	3.0	0 Calibration	2	
0109.AWI000047d	400	09:00	16:48:37.4	+35:12:09	300	90	3.0	#219 Disk Dete	2	
0110.SNJ1652	1800	09:09	16:52:57.6	+02:23:37	300	91	3.0	#2 SN Observat	2	
0111.COMP	10	09:39	16:52:57.6	+02:23:37	300	91	3.0	0 Calibration	2	
0112.snASASSN4ax	1800	09:42	17:10:00.7	+27:06:20	300	91	3.0	#2 SN Observat	2	
0113.COMP	10	10:12	17:10:00.7	+27:06:20	300	91	3.0	0 Calibration	2	
0114.AWI000015r	1200	10:16	17:08:39.7	+29:50:33	300	70	3.0	#219 Disk Dete	2	
0115.COMP	10	10:36	17:08:39.7	+29:50:33	300	70	3.0	0 Calibration	2	
0116.AWI000015r	600	10:37	17:08:39.7	+29:50:33	300	71	3.0	#219 Disk Dete	2	
0117.AS338	600	10:50	19:03:47.0	+16:26:17	300	90	3.0	#12 Symbiotic	2	
0118.AS338	90	11:00	19:03:47.0	+16:26:17	300	90	3.0	#12 Symbiotic	2	
0119.COMP	10	11:02	19:03:47.0	+16:26:17	300	90	3.0	0 Calibration	2	
0120.BDp284211	150	11:04	21:51:11.0	+28:51:50	300	89	3.0	#56 Spectropho	2	
0121.COMP	10	11:07	21:51:11.0	+28:51:50	300	89	3.0	0 Calibration	2	
0122.HD192281	10	11:08	20:12:33.1	+40:16:05	300	89	3.0	#56 Spectropho	2	
0123.COMP	10	11:09	20:12:33.1	+40:16:05	300	89	3.0	0 Calibration	2	

UT Date 2014-05-31 Observers IrwinColl. Focus 1350 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>
0124.HD192281	10	11:10	20:12:33.1	+40:16:05	300	89	3.0	#56 Spectropho	2	
0125.HD192281	10	11:10	20:12:33.1	+40:16:05	300	89	3.0	#56 Spectropho	2	
0126-0135.BIAS	0	11:17	20:12:33.1	+40:16:05	300	89	3.0	0 Calibration	4	
0136-0145.FLAT	4	11:19	20:12:33.1	+40:16:05	300	89	3.0	0 Calibration	4	
0146-0155.BIAS	0	11:21	20:12:33.1	+40:16:05	300	89	3.0	0 Calibration	2	
0156-0170.FLAT	7	11:25	20:12:33.1	+40:16:05	300	89	3.0	0 Calibration	2	
0171-0175.DARK	900	12:36	20:12:33.1	+40:16:05	300	89	3.0	0 Calibration	2	
0176-0180.DARK	900	13:52	20:12:33.1	+40:16:05	300	89	3.0	0 Calibration	4	

UT Date 2014-06-01 Observers IrwinColl. Focus 1350 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.COMP	10	22:33	20:12:33.1	+40:16:05	600	89	1.5	0 Calibration	4	Brown 600 line, tiltpos 445, 1.5 sec, binby4, coll 1380
0002.COMP	10	22:35	20:12:33.1	+40:16:05	600	89	1.5	0 Calibration	4	test 1350, 1380 was better so go back
0003-0007.DARK	900	23:42	20:12:33.1	+40:16:05	600	89	1.5	0 Calibration	4	
0009.BIAS	0	00:02	20:12:33.1	+40:16:05	600	89	1.5	0 Calibration	2	ccd restarted
0010-0029.BIAS	0	00:06	20:12:33.1	+40:16:05	600	89	1.5	0 Calibration	2	
0030-0049.BIAS	0	00:09	20:12:33.1	+40:16:05	600	89	1.5	0 Calibration	4	
0050-0069.FLAT	12	00:17	20:12:33.1	+40:16:05	600	89	1.5	0 Calibration	4	
0075.Feige34	300	03:42	10:39:36.7	+43:06:09	600	89	1.5	#56 Spectropho	4	
0076.COMP	10	03:47	10:39:36.7	+43:06:09	600	89	1.5	0 Calibration	4	
0077.bhvs060	1500	03:51	11:09:15.0	+03:18:09	600	71	1.5	#178 Low Mass	4	
0078.COMP	10	04:16	11:09:15.0	+03:18:09	600	71	1.5	0 Calibration	4	
0079.bhvs060	1500	04:17	11:09:15.0	+03:18:09	600	71	1.5	#178 Low Mass	4	
0080.COMP	10	04:42	11:09:15.0	+03:18:09	600	71	1.5	0 Calibration	4	
0081.bhvs060	1500	04:43	11:09:15.0	+03:18:09	600	71	1.5	#178 Low Mass	4	
0082.COMP	10	05:08	11:09:15.0	+03:18:09	600	71	1.5	0 Calibration	4	
0083.bhvs060	1500	05:09	11:09:15.0	+03:18:09	600	71	1.5	#178 Low Mass	4	
0084.COMP	10	05:34	11:09:15.0	+03:18:09	600	71	1.5	0 Calibration	4	
0085.COMP	5	05:41	11:09:15.0	+03:18:09	300	90	3.0	0 Calibration	2	test
0086.COMP	5	05:42	11:09:15.0	+03:18:09	300	90	3.0	0 Calibration	2	test
0087.COMP	5	05:43	11:09:15.0	+03:18:09	300	90	3.0	0 Calibration	2	test

UT Date 2014-06-01 Observers IrwinColl. Focus 1350 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0088.COMP	5	05:45	11:09:15.0	+03:18:09	300	90	3.0	0 Calibration	2	test
0089.FLAT	7	05:46	11:09:15.0	+03:18:09	300	90	3.0	0 Calibration	2	standard setup
0090-0108.FLAT	7	05:52	11:09:15.0	+03:18:09	300	90	3.0	0 Calibration	2	
0109.BDp262606	90	05:54	14:49:02.4	+25:42:09	300	90	3.0	#56 Spectropho	2	
0110.COMP	10	05:56	14:49:02.4	+25:42:09	300	90	3.0	0 Calibration	2	
0111.BDp332642	150	05:57	15:51:59.9	+32:56:54	300	90	3.0	#56 Spectropho	2	
0112.COMP	10	06:00	15:51:59.9	+32:56:54	300	90	3.0	0 Calibration	2	
0113.N5846	600	06:02	15:06:29.3	+01:36:20	300	89	3.0	#57 Velocity S	2	
0114.COMP	10	06:12	15:06:29.3	+01:36:20	300	89	3.0	0 Calibration	2	
0115.snj1325	1800	06:15	13:25:38.8	+25:57:34	300	89	3.0	#2 SN Observat	2	
0116.COMP	10	06:45	13:25:38.8	+25:57:34	300	89	3.0	0 Calibration	2	
0117.sniPTF14bdn	1800	06:48	13:30:44.9	+32:45:42	300	104	3.0	#2 SN Observat	2	
0118.COMP	10	07:19	13:30:44.9	+32:45:42	300	104	3.0	0 Calibration	2	
0119.SDSSJ1522p3913	1200	07:22	15:22:38.8	+39:13:52	300	90	3.0	#192 DASCH Lon	2	
0120.COMP	10	07:42	15:22:38.8	+39:13:52	300	90	3.0	0 Calibration	2	
0121.SDSSJ1522p3913	1200	07:43	15:22:38.8	+39:13:52	300	91	3.0	#192 DASCH Lon	2	
0122.COMP	10	08:03	15:22:38.8	+39:13:52	300	91	3.0	0 Calibration	2	
0123.snj1502	1200	08:08	15:02:48.9	+48:47:06	300	30	3.0	#2 SN Observat	2	
0124.COMP	10	08:28	15:02:48.9	+48:47:06	300	30	3.0	0 Calibration	2	
0125.snASASSN14ay	1200	08:30	15:57:03.1	+37:24:58	300	30	3.0	#2 SN Observat	2	

UT Date 2014-06-01 Observers IrwinColl. Focus 1350 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0126.COMP	10	08:50	15:57:03.1	+37:24:58	300	30	3.0	0 Calibration	2	
0127.AWI00005ko	1800	08:54	16:59:20.6	+13:12:19	300	89	3.0	#219 Disk Dete	2	
0128.COMP	10	09:25	16:59:20.6	+13:12:19	300	89	3.0	0 Calibration	2	
0129.AWI00005ko	1800	09:26	16:59:20.6	+13:12:19	300	90	3.0	#219 Disk Dete	2	
0130.COMP	10	09:56	16:59:20.6	+13:12:19	300	90	3.0	0 Calibration	2	
0131.SDSSJ1522p3913	1200	10:00	15:22:38.8	+39:13:52	300	90	3.0	#192 DASCH Lon	2	
0132.COMP	10	10:20	15:22:38.8	+39:13:52	300	90	3.0	0 Calibration	2	
0133.SDSSJ1522p3913	1200	10:22	15:22:38.8	+39:13:52	300	89	3.0	#192 DASCH Lon	2	
0134.COMP	10	10:43	15:22:38.8	+39:13:52	300	89	3.0	0 Calibration	2	
0135.AS360	300	10:45	19:45:49.0	+18:36:49	300	89	3.0	#12 Symbiotic	2	
0136.AS360	60	10:51	19:45:49.0	+18:36:49	300	89	3.0	#12 Symbiotic	2	
0137.COMP	10	10:52	19:45:49.0	+18:36:49	300	90	3.0	0 Calibration	2	
0138.AWI00000om	300	10:55	17:31:29.7	+60:11:56	300	90	3.0	#219 Disk Dete	2	
0139.COMP	10	11:00	17:31:29.7	+60:11:56	300	90	3.0	0 Calibration	2	
0140.BDp284211	150	11:03	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0141.COMP	10	11:05	21:51:11.0	+28:51:50	300	89	3.0	0 Calibration	2	
0142.HD192281	10	11:07	20:12:33.1	+40:16:05	300	89	3.0	#56 Spectropho	2	
0143.COMP	10	11:07	20:12:33.1	+40:16:05	300	89	3.0	0 Calibration	2	
0144.HD192281	10	11:08	20:12:33.1	+40:16:05	300	89	3.0	#56 Spectropho	2	
0145.HD192281	10	11:09	20:12:33.1	+40:16:05	300	89	3.0	#56 Spectropho	2	

UT Date 2014-06-01 Observers IrwinColl. Focus 1350 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>
0146-0155.BIAS	0	11:14	20:12:33.1	+40:16:05	300	89	3.0	0 Calibration	4	
0156-0165.FLAT	4	11:16	20:12:33.1	+40:16:05	300	89	3.0	0 Calibration	4	
0166-0175.BIAS	0	11:18	20:12:33.1	+40:16:05	300	89	3.0	0 Calibration	2	
0176-0190.FLAT	7	11:23	20:12:33.1	+40:16:05	300	89	3.0	0 Calibration	2	
0191-0195.DARK	900	12:33	20:12:33.1	+40:16:05	300	89	3.0	0 Calibration	2	
0196-0200.DARK	900	13:49	20:12:33.1	+40:16:05	300	89	3.0	0 Calibration	4	