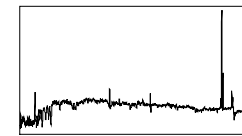


UT Date 2019-06-05 Observers M Giovanazzi, M CalkinsColl. Focus 1290 Grating/Grism 600

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.COMP	5	02:27	03:31:00.3	+31:30:48	300	86	3.0	0 Calibration	2	
0002-0003.DARK	900	02:43	03:31:00.3	+31:30:48	300	86	3.0	0 Calibration	2	
0004-0013.BIAS	0	03:07	03:31:00.3	+31:30:48	600	86	3.0	0 Calibration	2	
0014-0023.FLAT	15	03:14	03:31:00.3	+31:30:48	600	86	3.0	0 Calibration	2	
0024.IC745	1200	03:29	11:54:12.3	+00:08:12	600	86	3.0	#99 Directors	2	PA=90
0025.IC745	1200	03:50	11:54:12.3	+00:08:12	600	86	3.0	#99 Directors	2	PA=90
0026.COMP	15	04:11	11:54:12.3	+00:08:12	600	86	3.0	0 Calibration	2	PA=90
0027.IC745	1200	04:13	11:54:12.3	+00:08:12	600	0	3.0	#99 Directors	2	PA=00
0028.IC745	1200	04:34	11:54:12.3	+00:08:12	600	0	3.0	#99 Directors	2	PA=00
0029.COMP	15	04:54	11:54:12.3	+00:08:12	600	0	3.0	0 Calibration	2	PA=00
0030.IC745	1200	04:56	11:54:12.3	+00:08:12	600	2	3.0	#99 Directors	2	PA=02, offset 5arcsec East
0031.IC745	1200	05:17	11:54:12.3	+00:08:12	600	2	3.0	#99 Directors	2	PA=02, offset 5arcsec East
0032.COMP	15	05:37	11:54:12.3	+00:08:12	600	2	3.0	0 Calibration	2	PA=02
0033.Feige66	100	05:40	12:37:23.5	+25:04:00	600	90	3.0	#56 Spectropho	2	PA=90, cnts a little high
0034.COMP	15	05:43	12:37:23.5	+25:04:00	600	90	3.0	0 Calibration	2	
0035.Feige66	60	05:44	12:37:23.5	+25:04:00	600	90	3.0	#56 Spectropho	2	PA=90
0036.COMP	15	05:45	12:37:23.5	+25:04:00	600	90	3.0	0 Calibration	2	
0037.Feige66	65	05:47	12:37:23.5	+25:04:00	600	70	3.0	#56 Spectropho	2	PA=70
0038.COMP	15	05:48	12:37:23.5	+25:04:00	600	71	3.0	0 Calibration	2	
0039.BDp262606	90	06:04	14:49:02.4	+25:42:09	300	90	3.0	#56 Spectropho	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0040.COMP	10	06:05	14:49:02.4	+25:42:09	300	90	3.0	0 Calibration	2	
0041.BDp332642	120	06:07	15:51:59.9	+32:56:54	300	90	3.0	#56 Spectropho	2	
0042.COMP	10	06:10	15:51:59.9	+32:56:54	300	89	3.0	0 Calibration	2	
0043.JS101197	900	06:13	12:25:10.2	+14:45:43	300	61	3.0	232 Missing SD	2	
0044.COMP	10	06:28	12:25:10.2	+14:45:43	300	60	3.0	0 Calibration	2	
0045.JS118303	1200	06:30	12:27:17.3	+17:01:41	300	89	3.0	232 Missing SD	2	
0046.COMP	10	06:50	12:27:17.3	+17:01:41	300	89	3.0	0 Calibration	2	
0047.JS014678	1500	06:57	13:45:57.7	+06:13:42	300	90	3.0	232 Missing SD	2	
0048.COMP	10	07:23	13:45:57.7	+06:13:42	300	90	3.0	0 Calibration	2	
0049.JS044258	1200	07:28	14:14:32.6	+01:44:02	300	90	3.0	232 Missing SD	2	
0050.COMP	10	07:49	14:14:32.6	+01:44:02	300	90	3.0	0 Calibration	2	
0051.JS116638	780	07:52	14:15:43.1	+08:55:39	300	90	3.0	232 Missing SD	2	
0052.COMP	10	08:06	14:15:43.1	+08:55:39	300	89	3.0	0 Calibration	2	
0053.JS011707	1500	08:11	14:15:52.3	+63:29:50	300	89	3.0	232 Missing SD	2	
0054.COMP	10	08:36	14:15:52.3	+63:29:50	300	90	3.0	0 Calibration	2	
0055.JS055938	1500	08:39	17:03:48.0	+37:40:25	300	90	3.0	232 Missing SD	2	
0056.COMP	10	09:04	17:03:48.0	+37:40:25	300	89	3.0	0 Calibration	2	
0057-0066.FLAT	12	09:09	17:03:48.0	+37:40:25	300	89	3.0	0 Calibration	2	
0067-0076.FLAT	7	09:13	17:03:48.0	+37:40:25	300	89	3.0	0 Calibration	2	
0077.gaia78	201	09:25	17:21:38.2	+21:06:28	600	89	1.5	#230 Gravitati	4	

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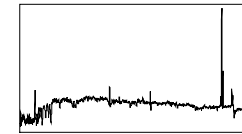
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0078.COMP	10	09:28	17:21:38.2	+21:06:28	600	89	1.5	0 Calibration	4	
0079.gaia79	231	09:31	17:22:48.5	+27:23:00	600	89	1.5	#230 Gravitati	4	
0080.COMP	10	09:35	17:22:48.5	+27:23:00	600	88	1.5	0 Calibration	4	
0081.gaia80	526	09:41	17:24:41.5	+19:31:20	600	88	1.5	#230 Gravitati	4	
0082.COMP	10	09:50	17:24:41.5	+19:31:20	600	89	1.5	0 Calibration	4	
0083.j1729p02	991	09:52	17:29:45.1	+02:08:18	600	89	1.5	#230 Gravitati	4	
0084.COMP	10	10:08	17:29:45.1	+02:08:18	600	88	1.5	0 Calibration	4	
0085.gaia81	164	10:17	17:31:13.8	+21:07:21	600	89	1.5	#230 Gravitati	4	
0086.COMP	10	10:20	17:31:13.8	+21:07:21	600	88	1.5	0 Calibration	4	
0087.j1733p30	1844	10:23	17:33:38.8	+30:13:33	600	88	1.5	#230 Gravitati	4	
0088.COMP	10	10:54	17:33:38.8	+30:13:33	600	89	1.5	0 Calibration	4	
0089.j2037p14	398	10:57	20:37:28.7	+14:53:53	600	89	1.5	#230 Gravitati	4	
0090.COMP	10	11:04	20:37:28.7	+14:53:53	600	88	1.5	0 Calibration	4	
0091.BDp284211	210	11:06	21:51:11.0	+28:51:50	600	88	1.5	#56 Spectropho	4	
0092.COMP	10	11:10	21:51:11.0	+28:51:50	600	89	1.5	0 Calibration	4	
0093.j1857p40	340	11:13	18:57:28.6	+40:35:36	600	89	1.5	#230 Gravitati	4	
0094.COMP	10	11:20	18:57:28.6	+40:35:36	600	88	1.5	0 Calibration	4	
0095-0104.FLAT	12	11:26	18:57:28.6	+40:35:36	600	88	1.5	0 Calibration	4	
0105-0114.BIAS	0	11:27	18:57:28.6	+40:35:36	600	88	1.5	0 Calibration	4	
0115-0124.BIAS	0	11:30	18:57:28.6	+40:35:36	600	88	1.5	0 Calibration	2	

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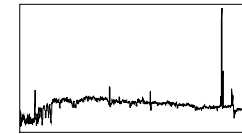
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0125-0134.BIAS	0	11:32	18:57:28.6	+40:35:36	600	88	1.5	0 Calibration	4	
0135-0144.FLAT	4	11:35	18:57:28.6	+40:35:36	600	88	1.5	0 Calibration	4	
0145-0154.BIAS	0	11:36	18:57:28.6	+40:35:36	600	88	1.5	0 Calibration	2	
0155-0169.FLAT	7	11:41	18:57:28.6	+40:35:36	600	88	1.5	0 Calibration	2	
0170-0174.DARK	900	12:43	18:57:28.6	+40:35:36	600	88	1.5	0 Calibration	2	
0175-0179.DARK	900	13:59	18:57:28.6	+40:35:36	600	88	1.5	0 Calibration	4	

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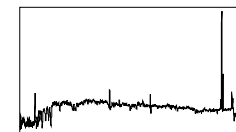
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0007.DARK	900	02:33	18:57:28.6	+40:35:36	600	88	1.5	0 Calibration	4	
0008-0017.BIAS	0	03:03	18:57:28.6	+40:35:36	300	88	3.0	0 Calibration	2	
0018-0037.FLAT	7	03:11	18:57:28.6	+40:35:36	300	88	3.0	0 Calibration	2	
0038.JS050237	1500	03:38	09:44:26.4	+03:03:21	300	88	3.0	232 Missing SD	2	
0039.COMP	10	04:03	09:44:26.4	+03:03:21	300	87	3.0	0 Calibration	2	
0040.JS037861	1200	04:06	09:45:29.6	-00:21:55	300	0	3.0	232 Missing SD	2	
0041.COMP	10	04:26	09:45:29.6	-00:21:55	300	0	3.0	0 Calibration	2	
0042.JS005339	1500	04:38	11:11:12.9	+33:20:52	300	89	3.0	232 Missing SD	2	
0043.COMP	10	05:03	11:11:12.9	+33:20:52	300	90	3.0	0 Calibration	2	
0044.JS058987	1200	05:07	11:13:25.2	+51:46:44	300	90	3.0	232 Missing SD	2	
0045.COMP	10	05:27	11:13:25.2	+51:46:44	300	90	3.0	0 Calibration	2	
0046.BDp332642	120	05:31	15:51:59.9	+32:56:54	300	90	3.0	#56 Spectropho	2	
0047.COMP	10	05:33	15:51:59.9	+32:56:54	300	89	3.0	0 Calibration	2	
0048.BDp262606	90	05:34	14:49:02.4	+25:42:09	300	89	3.0	#56 Spectropho	2	
0049.COMP	10	05:36	14:49:02.4	+25:42:09	300	89	3.0	0 Calibration	2	
0050.HIP66971	60	05:46	13:43:35.2	+35:20:46	1200	89	1.5	#231 Non-inter	2	
0051.COMP	60	05:47	13:43:35.2	+35:20:46	1200	89	1.5	0 Calibration	2	
0052.COMP	30	05:50	13:43:35.2	+35:20:46	1200	89	1.5	0 Calibration	2	
0053.2M12201387p1533262	88	05:52	12:20:13.9	+15:33:26	1200	89	1.5	#231 Non-inter	2	
0054.COMP	60	05:54	12:20:13.9	+15:33:26	1200	89	1.5	0 Calibration	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0055.COMP	30	05:55	12:20:13.9	+15:33:26	1200	89	1.5	0 Calibration	2	
0056.2M16111737p2212522	367	06:05	16:11:17.4	+22:12:52	1200	89	1.5	#231 Non-inter	2	
0057.COMP	60	06:11	16:11:17.4	+22:12:52	1200	88	1.5	0 Calibration	2	
0058.COMP	30	06:13	16:11:17.4	+22:12:52	1200	88	1.5	0 Calibration	2	
0059.2M13513772p4415177	1334	06:18	13:51:37.7	+44:15:18	1200	88	1.5	#231 Non-inter	2	
0060.COMP	60	06:41	13:51:37.7	+44:15:18	1200	89	1.5	0 Calibration	2	
0061.COMP	30	06:43	13:51:37.7	+44:15:18	1200	89	1.5	0 Calibration	2	
0062.2M16020055p863640	1216	06:50	16:02:00.6	+80:00:00	1200	87	1.5	#231 Non-inter	2	
0063.COMP	60	07:10	16:02:00.6	+80:00:00	1200	88	1.5	0 Calibration	2	
0064.COMP	30	07:13	16:02:00.6	+80:00:00	1200	88	1.5	0 Calibration	2	
0065.2M16503986p4801343	700	07:17	16:50:39.9	+48:01:34	1200	88	1.5	#231 Non-inter	2	
0066.COMP	60	07:29	16:50:39.9	+48:01:34	1200	87	1.5	0 Calibration	2	
0067.COMP	30	07:30	16:50:39.9	+48:01:34	1200	87	1.5	0 Calibration	2	
0068.2M17163356p4225132	841	07:33	17:16:33.6	+42:25:13	1200	87	1.5	#231 Non-inter	2	
0069.COMP	60	07:47	17:16:33.6	+42:25:13	1200	81	1.5	0 Calibration	2	
0070.COMP	30	07:49	17:16:33.6	+42:25:13	1200	81	1.5	0 Calibration	2	
0071.2M17190143p2213021	923	07:54	17:19:01.4	+22:13:02	1200	88	1.5	#231 Non-inter	2	
0072.COMP	60	08:10	17:19:01.4	+22:13:02	1200	89	1.5	0 Calibration	2	
0073.COMP	30	08:12	17:19:01.4	+22:13:02	1200	89	1.5	0 Calibration	2	
0074.2M18032842p6133262	484	08:14	18:03:28.4	+61:33:26	1200	90	1.5	#231 Non-inter	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0075.COMP	60	08:23	18:03:28.4	+61:33:26	1200	90	1.5	0 Calibration	2	
0076.COMP	30	08:25	18:03:28.4	+61:33:26	1200	90	1.5	0 Calibration	2	
0077.2M18014184p6011596	582	08:26	18:01:41.8	+60:12:00	1200	90	1.5	#231 Non-inter	2	
0078.COMP	60	08:36	18:01:41.8	+60:12:00	1200	89	1.5	0 Calibration	2	
0079.COMP	30	08:38	18:01:41.8	+60:12:00	1200	89	1.5	0 Calibration	2	
0080.2M19052248p4328030	279	08:41	19:05:22.5	+43:28:03	1200	88	1.5	#231 Non-inter	2	
0081.COMP	60	08:46	19:05:22.5	+43:28:03	1200	90	1.5	0 Calibration	2	
0082.COMP	30	08:48	19:05:22.5	+43:28:03	1200	90	1.5	0 Calibration	2	
0083.HIP98456	60	08:53	20:00:13.6	+37:29:23	1200	90	1.5	#231 Non-inter	2	
0084.COMP	60	08:54	20:00:13.6	+37:29:23	1200	90	1.5	0 Calibration	2	
0085.COMP	30	08:56	20:00:13.6	+37:29:23	1200	90	1.5	0 Calibration	2	
0086-0096.FLAT	60	09:11	20:00:13.6	+37:29:23	1200	90	1.5	0 Calibration	2	
0097.gaia63	437	09:18	16:26:43.9	+32:42:15	600	90	1.5	#230 Gravitati	4	
0098.COMP	10	09:27	16:26:43.9	+32:42:15	600	90	1.5	0 Calibration	4	
0099.gaia64	254	09:28	16:28:12.6	+22:57:21	600	90	1.5	#230 Gravitati	4	
0100.COMP	10	09:33	16:28:12.6	+22:57:21	600	90	1.5	0 Calibration	4	
0101.gaia65	840	09:39	16:30:44.9	+27:13:16	600	90	1.5	#230 Gravitati	4	
0102.COMP	10	09:54	16:30:44.9	+27:13:16	600	90	1.5	0 Calibration	4	
0103.gaia66	518	09:56	16:31:57.0	+33:41:41	600	90	1.5	#230 Gravitati	4	
0104.COMP	10	10:05	16:31:57.0	+33:41:41	600	90	1.5	0 Calibration	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0105.gaia67	112	10:07	16:33:07.5	+33:23:23	600	90	1.5	#230 Gravitati	4	
0106.COMP	10	10:09	16:33:07.5	+33:23:23	600	90	1.5	0 Calibration	4	
0107.j1637m02	2000	10:11	16:37:45.9	-02:04:22	600	90	1.5	#230 Gravitati	4	
0108.COMP	10	10:45	16:37:45.9	-02:04:22	600	90	1.5	0 Calibration	4	
0109.BDp284211	240	10:48	21:51:11.0	+28:51:50	600	90	1.5	#56 Spectropho	4	
0110.COMP	10	10:52	21:51:11.0	+28:51:50	600	90	1.5	0 Calibration	4	
0111.j2143m06	306	10:54	21:43:24.1	-06:59:49	600	91	1.5	#230 Gravitati	4	
0112.COMP	10	11:00	21:43:24.1	-06:59:49	600	90	1.5	0 Calibration	4	
0113.j1742p51	828	11:03	17:42:55.1	+51:36:07	600	90	1.5	#230 Gravitati	4	
0114.COMP	10	11:17	17:42:55.1	+51:36:07	600	90	1.5	0 Calibration	4	
0115-0124.BIAS	0	11:20	17:42:55.1	+51:36:07	600	90	1.5	0 Calibration	4	
0125-0134.BIAS	0	11:23	17:42:55.1	+51:36:07	600	90	1.5	0 Calibration	2	
0135-0154.FLAT	12	11:29	17:42:55.1	+51:36:07	600	90	1.5	0 Calibration	4	
0155-0162.DARK	900	13:16	17:42:55.1	+51:36:07	600	90	1.5	0 Calibration	2	



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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	02:01	17:42:55.1	+51:36:07	600	90	1.5	0 Calibration	2	
0011-0020.BIAS	0	02:26	17:42:55.1	+51:36:07	600	90	1.5	0 Calibration	2	
0021-0030.BIAS	0	02:34	17:42:55.1	+51:36:07	600	90	1.5	0 Calibration	4	
0031-0050.FLAT	7	03:02	17:42:55.1	+51:36:07	300	90	3.0	0 Calibration	2	
0051.BDp332642	120	03:40	15:51:59.9	+32:56:54	300	90	3.0	#56 Spectropho	2	
0052.COMP	10	03:42	15:51:59.9	+32:56:54	300	86	3.0	0 Calibration	2	
0053.BDp262606	90	03:44	14:49:02.4	+25:42:09	300	86	3.0	#56 Spectropho	2	
0054.COMP	10	03:46	14:49:02.4	+25:42:09	300	89	3.0	0 Calibration	2	
0055.RWHya	2	04:54	13:34:18.0	-25:22:51	300	89	3.0	#12 Symbiotic	2	
0056.COMP	10	04:55	13:34:18.0	-25:22:51	300	89	3.0	0 Calibration	2	
0057.RWHya	10	04:56	13:34:18.0	-25:22:51	300	89	3.0	#12 Symbiotic	2	
0058.COMP	10	04:57	13:34:18.0	-25:22:51	300	89	3.0	0 Calibration	2	
0059.RWHya	20	04:57	13:34:18.0	-25:22:51	300	89	3.0	#12 Symbiotic	2	
0060.COMP	10	04:58	13:34:18.0	-25:22:51	300	89	3.0	0 Calibration	2	
0061.TCrB	15	05:05	15:59:30.0	+25:55:12	300	89	3.0	#12 Symbiotic	2	
0062.COMP	10	05:05	15:59:30.0	+25:55:12	300	89	3.0	0 Calibration	2	
0063.TCrB	60	05:06	15:59:30.0	+25:55:12	300	89	3.0	#12 Symbiotic	2	
0064.COMP	10	05:07	15:59:30.0	+25:55:12	300	89	3.0	0 Calibration	2	
0065.TXCVn	10	05:12	12:44:42.0	+36:45:48	300	89	3.0	#12 Symbiotic	2	
0066.COMP	10	05:13	12:44:42.0	+36:45:48	300	89	3.0	0 Calibration	2	

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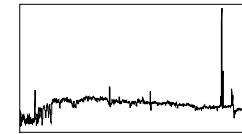
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0067.TXCVn	30	05:13	12:44:42.0	+36:45:48	300	89	3.0	#12 Symbiotic	2	
0068.COMP	10	05:14	12:44:42.0	+36:45:48	300	89	3.0	0 Calibration	2	
0069.JS061834	1200	06:46	15:01:57.0	+31:18:50	300	89	3.0	232 Missing SD	2	
0070.COMP	10	07:06	15:01:57.0	+31:18:50	300	89	3.0	0 Calibration	2	
0071.Sky01	600	07:11	15:01:57.0	+31:18:50	300	89	3.0	#99 Director D	2	
0072.Sky01	600	07:21	15:01:57.0	+31:18:50	300	89	3.0	#99 Director D	2	
0073.Sky01	600	07:32	15:01:57.0	+31:18:50	300	89	3.0	#99 Director D	2	
0074.COMP	10	07:42	15:01:57.0	+31:18:50	300	88	3.0	0 Calibration	2	
0075.Sky02	600	07:44	15:01:57.0	+31:18:50	300	88	3.0	#99 Director D	2	
0076.Sky02	600	07:54	15:01:57.0	+31:18:50	300	88	3.0	#99 Director D	2	
0077.Sky02	600	08:04	15:01:57.0	+31:18:50	300	88	3.0	#99 Director D	2	
0078.COMP	10	08:15	15:01:57.0	+31:18:50	300	88	3.0	0 Calibration	2	
0079.Sky03	600	08:16	15:01:57.0	+31:18:50	300	88	3.0	#99 Director D	2	
0080.Sky03	600	08:26	15:01:57.0	+31:18:50	300	88	3.0	#99 Director D	2	
0081.Sky03	600	08:37	15:01:57.0	+31:18:50	300	88	3.0	#99 Director D	2	
0082.COMP	10	08:47	15:01:57.0	+31:18:50	300	89	3.0	0 Calibration	2	
0083.Sky04	600	08:49	15:01:57.0	+31:18:50	300	89	3.0	#99 Director D	2	
0084.Sky04	600	09:00	15:01:57.0	+31:18:50	300	89	3.0	#99 Director D	2	
0085.Sky04	600	09:10	15:01:57.0	+31:18:50	300	89	3.0	#99 Director D	2	
0086.COMP	10	09:20	15:01:57.0	+31:18:50	300	90	3.0	0 Calibration	2	

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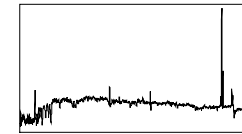
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0087.Sky05	600	09:23	15:01:57.0	+31:18:50	300	90	3.0	#99 Director D	2	
0088.Sky05	600	09:33	15:01:57.0	+31:18:50	300	90	3.0	#99 Director D	2	
0089.Sky05	600	09:43	15:01:57.0	+31:18:50	300	90	3.0	#99 Director D	2	
0090.COMP	10	09:54	15:01:57.0	+31:18:50	300	89	3.0	0 Calibration	2	
0091.Sky06	600	09:56	15:01:57.0	+31:18:50	300	89	3.0	#99 Director D	2	
0092.Sky06	600	10:06	15:01:57.0	+31:18:50	300	89	3.0	#99 Director D	2	
0093.Sky06	600	10:17	15:01:57.0	+31:18:50	300	89	3.0	#99 Director D	2	
0094.COMP	10	10:27	15:01:57.0	+31:18:50	300	89	3.0	0 Calibration	2	
0095.20055181+3016339	1200	10:31	20:05:51.8	+30:16:34	300	89	3.0	#141 2MASS Red	2	
0096.COMP	10	10:51	20:05:51.8	+30:16:34	300	90	3.0	0 Calibration	2	
0097.20092934+2818579	900	10:59	20:09:29.3	+28:18:58	300	90	3.0	#141 2MASS Red	2	
0098.COMP	10	11:15	20:09:29.3	+28:18:58	300	90	3.0	0 Calibration	2	
0099-0108.BIAS	0	11:35	20:09:29.3	+28:18:58	300	90	3.0	0 Calibration	2	
0109-0128.FLAT	7	11:40	20:09:29.3	+28:18:58	300	90	3.0	0 Calibration	2	
0129-0136.DARK	900	13:29	20:09:29.3	+28:18:58	300	90	3.0	0 Calibration	2	

UT Date 2019-06-08 Observers M Giovanazzi (Calkins)Coll. Focus 1290 Grating/Grism 600

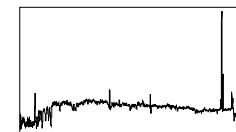
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	02:50	20:09:29.3	+28:18:58	300	90	3.0	0 Calibration	2	
0011-0020.BIAS	0	03:08	20:09:29.3	+28:18:58	300	90	3.0	0 Calibration	2	
0021-0040.FLAT	7	03:14	20:09:29.3	+28:18:58	300	90	3.0	0 Calibration	2	
0041-0050.BIAS	0	03:17	20:09:29.3	+28:18:58	300	90	3.0	0 Calibration	4	
0051.BDp332642	150	04:39	15:51:59.9	+32:56:54	300	90	3.0	#56 Spectropho	2	
0052.COMP	10	04:42	15:51:59.9	+32:56:54	300	89	3.0	0 Calibration	2	
0053.BDp262606	120	04:44	14:49:02.4	+25:42:09	300	89	3.0	#56 Spectropho	2	
0054.COMP	10	04:46	14:49:02.4	+25:42:09	300	89	3.0	0 Calibration	2	
0055.RUTUS8642_15	1800	04:53	16:04:43.3	+27:57:09	300	89	3.0	#220 ASASSN Tr	2	
0056.COMP	10	05:29	16:04:43.3	+27:57:09	300	89	3.0	0 Calibration	2	
0057.RUTUS8642_15	1800	06:07	16:04:43.3	+27:57:09	300	89	3.0	#220 ASASSN Tr	2	
0058.COMP	10	06:38	16:04:43.3	+27:57:09	300	90	3.0	0 Calibration	2	
0059.BDp332642	180	06:49	15:51:59.9	+32:56:54	600	90	1.5	#56 Spectropho	4	
0060.COMP	10	06:52	15:51:59.9	+32:56:54	600	90	1.5	0 Calibration	4	
0061.gaia59	200	06:54	15:41:30.4	-02:53:01	600	90	1.5	#230 Gravitati	4	
0062.COMP	10	06:58	15:41:30.4	-02:53:01	600	89	1.5	0 Calibration	4	
0063.j1543p30	2000	07:00	15:43:15.0	+30:21:35	600	89	1.5	#230 Gravitati	4	
0064.COMP	10	07:34	15:43:15.0	+30:21:35	600	89	1.5	0 Calibration	4	
0065.gaia68	360	07:36	16:40:35.3	+25:36:44	600	89	1.5	#230 Gravitati	4	
0066.COMP	10	07:43	16:40:35.3	+25:36:44	600	90	1.5	0 Calibration	4	

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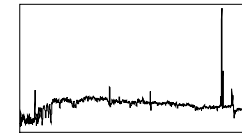
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0067.gaia69	240	07:46	16:40:40.7	+30:09:50	600	90	1.5	#230 Gravitati	4	
0068.COMP	10	07:50	16:40:40.7	+30:09:50	600	89	1.5	0 Calibration	4	
0069.gaia70	950	07:52	16:43:47.1	+43:36:26	600	89	1.5	#230 Gravitati	4	
0070.COMP	10	08:08	16:43:47.1	+43:36:26	600	90	1.5	0 Calibration	4	
0071.j1643p63	1730	08:11	16:43:50.6	+63:28:29	600	90	1.5	#230 Gravitati	4	
0072.COMP	10	08:40	16:43:50.6	+63:28:29	600	89	1.5	0 Calibration	4	
0073.gaia71	240	08:42	16:54:02.3	+49:32:21	600	89	1.5	#230 Gravitati	4	
0074.COMP	10	08:46	16:54:02.3	+49:32:21	600	89	1.5	0 Calibration	4	
0075.j1654p23	1862	08:50	16:54:26.5	+23:52:41	600	89	1.5	#230 Gravitati	4	
0076.COMP	10	09:21	16:54:26.5	+23:52:41	600	90	1.5	0 Calibration	4	
0077.j1657p21	210	09:25	16:57:09.9	+21:26:40	600	90	1.5	#230 Gravitati	4	
0078.COMP	10	09:29	16:57:09.9	+21:26:40	600	89	1.5	0 Calibration	4	
0079.gaia72	181	09:30	16:57:38.4	+05:40:31	600	89	1.5	#230 Gravitati	4	
0080.COMP	10	09:34	16:57:38.4	+05:40:31	600	89	1.5	0 Calibration	4	
0081.j1700p79	1500	09:40	17:00:09.0	+79:08:31	600	89	1.5	#230 Gravitati	4	
0082.COMP	10	10:05	17:00:09.0	+79:08:31	600	88	1.5	0 Calibration	4	
0083.j1704m02	1152	10:11	17:04:57.4	-02:57:12	600	88	1.5	#230 Gravitati	4	
0084.COMP	10	10:31	17:04:57.4	-02:57:12	600	90	1.5	0 Calibration	4	
0085.j1752p50	1161	10:35	17:52:00.9	+50:37:53	600	90	1.5	#230 Gravitati	4	
0086.COMP	10	10:54	17:52:00.9	+50:37:53	600	89	1.5	0 Calibration	4	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0087.j2201p15	818	10:56	22:01:20.9	+15:05:30	600	89	1.5	#230 Gravitati	4	
0088.COMP	10	11:10	22:01:20.9	+15:05:30	600	88	1.5	0 Calibration	4	
0089.j2053p42	911	11:13	20:53:47.2	+42:03:51	600	88	1.5	#230 Gravitati	4	
0090.COMP	10	11:29	20:53:47.2	+42:03:51	600	88	1.5	0 Calibration	4	
0091-0110.FLAT	12	11:38	20:53:47.2	+42:03:51	600	88	1.5	0 Calibration	4	
0111-0120.DARK	900	13:56	20:53:47.2	+42:03:51	600	88	1.5	0 Calibration	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.COMP	5	00:18	20:53:47.2	+42:03:51	300	88	3.0	0 Calibration	4	
0002.COMP	5	00:19	20:53:47.2	+42:03:51	300	88	3.0	0 Calibration	4	
0003.COMP	5	00:23	20:53:47.2	+42:03:51	300	88	3.0	0 Calibration	4	
0004-0013.DARK	900	02:40	20:53:47.2	+42:03:51	300	88	3.0	0 Calibration	2	
0014-0023.BIAS	0	02:57	20:53:47.2	+42:03:51	300	88	3.0	0 Calibration	2	
0024-0043.FLAT	7	03:04	20:53:47.2	+42:03:51	300	88	3.0	0 Calibration	2	
0044.BDp332642	180	03:35	15:51:59.9	+32:56:54	300	88	3.0	#56 Spectropho	2	
0045.COMP	10	03:39	15:51:59.9	+32:56:54	300	87	3.0	0 Calibration	2	
0046.BDp262606	120	03:42	14:49:02.4	+25:42:09	300	87	3.0	#56 Spectropho	2	
0047.COMP	10	03:45	14:49:02.4	+25:42:09	300	87	3.0	0 Calibration	2	
0048.AGDra	2	03:48	16:01:41.0	+66:48:10	300	87	3.0	#12 Symbiotic	2	
0049.AGDra	15	03:49	16:01:41.0	+66:48:10	300	87	3.0	#12 Symbiotic	2	
0050.AGDra	60	03:49	16:01:41.0	+66:48:10	300	87	3.0	#12 Symbiotic	2	
0051.COMP	10	03:51	16:01:41.0	+66:48:10	300	87	3.0	0 Calibration	2	
0052.JS011857	1200	04:09	15:42:41.7	+16:08:42	300	89	3.0	232 Missing SD	2	
0053.COMP	10	04:30	15:42:41.7	+16:08:42	300	88	3.0	0 Calibration	2	
0054.JS013664	900	04:34	15:43:18.3	+33:17:45	300	88	3.0	232 Missing SD	2	
0055.COMP	10	04:49	15:43:18.3	+33:17:45	300	89	3.0	0 Calibration	2	
0056.JS041801	1200	04:57	15:46:36.8	+18:45:40	300	89	3.0	232 Missing SD	2	
0057.COMP	10	05:17	15:46:36.8	+18:45:40	300	89	3.0	0 Calibration	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0058.JS012194	1200	05:33	15:46:44.3	+55:00:48	300	89	3.0	232 Missing SD	2	
0059.COMP	10	05:53	15:46:44.3	+55:00:48	300	87	3.0	0 Calibration	2	
0060.BRUTUS8643_6	1500	05:56	14:03:46.2	+35:44:25	300	87	3.0	#220 ASASSN Tr	2	
0061.BRUTUS8643_6	1500	06:24	14:03:46.2	+35:44:25	300	88	3.0	#220 ASASSN Tr	2	
0062.COMP	10	06:49	14:03:46.2	+35:44:25	300	87	3.0	0 Calibration	2	
0063.16302859-2526003	1500	06:56	16:30:28.6	-25:26:00	300	87	3.0	#141 2MASS Red	2	
0064.COMP	10	07:22	16:30:28.6	-25:26:00	300	83	3.0	0 Calibration	2	
0065.AS210	5	07:25	16:51:20.3	-26:00:33	300	83	3.0	#12 Symbiotic	2	
0066.AS210	300	07:25	16:51:20.3	-26:00:33	300	83	3.0	#12 Symbiotic	2	
0067.COMP	10	07:30	16:51:20.3	-26:00:33	300	86	3.0	0 Calibration	2	
0068.Hen1341	12	07:49	17:08:36.0	-17:26:30	300	86	3.0	#12 Symbiotic	2	
0069.Hen1341	30	07:49	17:08:36.0	-17:26:30	300	86	3.0	#12 Symbiotic	2	
0070.Hen1341	60	07:50	17:08:36.0	-17:26:30	300	86	3.0	#12 Symbiotic	2	
0071.COMP	10	07:51	17:08:36.0	-17:26:30	300	86	3.0	0 Calibration	2	
0072.DracoC1	1200	07:56	17:19:58.0	+57:50:06	300	86	3.0	#12 Symbiotic	2	
0073.COMP	10	08:17	17:19:58.0	+57:50:06	300	82	3.0	0 Calibration	2	
0074.JS132413	900	08:21	15:37:07.5	+21:13:44	300	82	3.0	232 Missing SD	2	
0075.COMP	10	08:36	15:37:07.5	+21:13:44	300	86	3.0	0 Calibration	2	
0076.JS088095	900	08:39	15:40:33.5	+53:30:04	300	86	3.0	232 Missing SD	2	
0077.COMP	10	08:54	15:40:33.5	+53:30:04	300	88	3.0	0 Calibration	2	



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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0078.JS090050	1200	08:59	15:41:39.1	+53:58:22	300	88	3.0	232 Missing SD	2	
0079.COMP	10	09:19	15:41:39.1	+53:58:22	300	88	3.0	0 Calibration	2	
0080.JS110048	1200	09:23	16:08:06.2	+50:33:40	300	88	3.0	232 Missing SD	2	
0081.COMP	10	09:44	16:08:06.2	+50:33:40	300	88	3.0	0 Calibration	2	
0082.20334726+4511401	900	10:48	20:33:47.3	+45:11:40	300	88	3.0	#141 2MASS Red	2	
0083.COMP	10	11:03	20:33:47.3	+45:11:40	300	85	3.0	0 Calibration	2	
0084.20341242+4658296	900	11:05	20:34:12.4	+46:58:30	300	85	3.0	#141 2MASS Red	2	
0085.COMP	10	11:21	20:34:12.4	+46:58:30	300	85	3.0	0 Calibration	2	
0086-0105.FLAT	7	11:29	20:34:12.4	+46:58:30	300	85	3.0	0 Calibration	2	
0106-0115.BIAS	0	11:32	20:34:12.4	+46:58:30	300	85	3.0	0 Calibration	2	
0116-0125.DARK	900	13:49	20:34:12.4	+46:58:30	300	85	3.0	0 Calibration	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	02:32	20:34:12.4	+46:58:30	300	85	3.0	0 Calibration	2	
0011-0020.BIAS	0	02:49	20:34:12.4	+46:58:30	300	85	3.0	0 Calibration	2	
0021-0040.FLAT	7	02:55	20:34:12.4	+46:58:30	300	85	3.0	0 Calibration	2	
0041.BDp332642	120	03:35	15:51:59.9	+32:56:54	300	85	3.0	#56 Spectropho	2	
0042.COMP	10	03:38	15:51:59.9	+32:56:54	300	83	3.0	0 Calibration	2	
0043.BDp262606	90	03:42	14:49:02.4	+25:42:09	300	83	3.0	#56 Spectropho	2	
0044.COMP	10	03:44	14:49:02.4	+25:42:09	300	83	3.0	0 Calibration	2	
0045.JS040661	1500	07:30	15:12:18.5	+27:50:41	300	83	3.0	232 Missing SD	2	
0046.COMP	10	07:56	15:12:18.5	+27:50:41	300	87	3.0	0 Calibration	2	
0047.V443Her	5	09:03	18:22:07.0	+23:27:20	300	87	3.0	#12 Symbiotic	2	
0048.V443Her	45	09:03	18:22:07.0	+23:27:20	300	87	3.0	#12 Symbiotic	2	
0049.V443Her	100	09:04	18:22:07.0	+23:27:20	300	87	3.0	#12 Symbiotic	2	
0050.COMP	10	09:06	18:22:07.0	+23:27:20	300	86	3.0	0 Calibration	2	
0051.AS296	35	09:08	18:15:07.0	-00:18:52	300	86	3.0	#12 Symbiotic	2	
0052.AS296	150	09:10	18:15:07.0	-00:18:52	300	87	3.0	#12 Symbiotic	2	
0053.COMP	10	09:15	18:15:07.0	-00:18:52	300	87	3.0	0 Calibration	2	
0054.AS338	90	09:39	19:03:47.0	+16:26:17	300	87	3.0	#12 Symbiotic	2	
0055.AS338	600	09:41	19:03:47.0	+16:26:17	300	86	3.0	#12 Symbiotic	2	
0056.COMP	10	09:51	19:03:47.0	+16:26:17	300	86	3.0	0 Calibration	2	
0057.BFCyg	14	09:57	19:23:53.0	+29:40:27	300	86	3.0	#12 Symbiotic	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0058.BFCyg	16	09:58	19:23:53.0	+29:40:27	300	86	3.0	#12 Symbiotic	2	
0059.COMP	10	09:58	19:23:53.0	+29:40:27	300	86	3.0	0 Calibration	2	
0060.CHCyg	1	10:01	19:24:33.0	+50:14:30	300	86	3.0	#12 Symbiotic	2	
0061.CHCyg	5	10:02	19:24:33.0	+50:14:30	300	86	3.0	#12 Symbiotic	2	
0062.CHCyg	30	10:02	19:24:33.0	+50:14:30	300	86	3.0	#12 Symbiotic	2	
0063.COMP	10	10:03	19:24:33.0	+50:14:30	300	86	3.0	0 Calibration	2	
0064-0073.BIAS	0	11:18	20:35:13.3	+39:47:56	300	86	3.0	0 Calibration	2	
0074-0093.FLAT	7	11:25	20:35:13.3	+39:47:56	300	86	3.0	0 Calibration	2	
0094-0103.DARK	900	13:42	20:35:13.3	+39:47:56	300	86	3.0	0 Calibration	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	03:00	20:35:13.3	+39:47:56	300	86	3.0	0 Calibration	2	
0011-0020.BIAS	0	03:17	20:35:13.3	+39:47:56	300	86	3.0	0 Calibration	2	
0021-0040.FLAT	7	03:22	20:35:13.3	+39:47:56	300	86	3.0	0 Calibration	2	
0041.BDp262606	90	07:23	14:49:02.4	+25:42:09	300	86	3.0	#56 Spectropho	2	
0042.COMP	10	07:25	14:49:02.4	+25:42:09	300	86	3.0	0 Calibration	2	
0043.BDp332642	120	07:26	15:51:59.9	+32:56:54	300	86	3.0	#56 Spectropho	2	
0044.COMP	10	07:29	15:51:59.9	+32:56:54	300	87	3.0	0 Calibration	2	
0045.AT2019gti	1800	07:34	15:38:26.8	-06:31:26	300	87	3.0	#225	2	
0046.COMP	10	08:04	15:38:26.8	-06:31:26	300	86	3.0	0 Calibration	2	
0047.H1822+119	900	08:09	17:25:04.3	+11:52:15	300	86	3.0	#99 Falco	2	
0048.H1822+119	900	08:24	17:25:04.3	+11:52:15	300	86	3.0	#99 Falco	2	
0049.COMP	10	08:39	17:25:04.3	+11:52:15	300	86	3.0	0 Calibration	2	
0050.BRUTUS8642_15	1200	08:42	16:04:43.3	+27:57:09	300	86	3.0	#220 ASASSN Tr	2	
0051.COMP	10	09:02	16:04:43.3	+27:57:09	300	86	3.0	0 Calibration	2	
0052.AT2019hbx	1800	09:06	17:39:13.0	+01:24:56	300	86	3.0	#225	2	
0053.COMP	10	09:36	17:39:13.0	+01:24:56	300	86	3.0	0 Calibration	2	
0054.AT2019hba	1800	09:39	18:47:06.8	+54:15:02	300	86	3.0	#225	2	
0055.COMP	10	10:10	18:47:06.8	+54:15:02	300	87	3.0	0 Calibration	2	
0056.AT2019hce	2100	10:15	20:36:25.5	+13:56:41	300	87	3.0	#225	2	
0057.COMP	10	10:50	20:36:25.5	+13:56:41	300	86	3.0	0 Calibration	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0058.V1057Cyg	15	11:02	20:58:54.0	+44:15:30	300	86	3.0	#12 Symbiotic	2	
0059.V1057Cyg	90	11:03	20:58:54.0	+44:15:30	300	86	3.0	#12 Symbiotic	2	
0060.COMP	10	11:06	20:58:54.0	+44:15:30	300	86	3.0	0 Calibration	2	
0061.AGPeg	1	11:08	21:51:02.0	+12:37:33	300	86	3.0	#12 Symbiotic	2	
0062.AGPeg	10	11:08	21:51:02.0	+12:37:33	300	86	3.0	#12 Symbiotic	2	
0063.AGPeg	30	11:09	21:51:02.0	+12:37:33	300	86	3.0	#12 Symbiotic	2	
0064.COMP	10	11:10	21:51:02.0	+12:37:33	300	85	3.0	0 Calibration	2	
0065.V1329Cyg	20	11:14	20:51:01.0	+35:34:55	300	85	3.0	#12 Symbiotic	2	
0066.V1329Cyg	120	11:15	20:51:01.0	+35:34:55	300	85	3.0	#12 Symbiotic	2	
0067.COMP	10	11:17	20:51:01.0	+35:34:55	300	86	3.0	0 Calibration	2	
0068-0077.BIAS	0	11:24	20:51:01.0	+35:34:55	300	86	3.0	0 Calibration	2	
0078-0097.FLAT	7	11:30	20:51:01.0	+35:34:55	300	86	3.0	0 Calibration	2	
0098-0107.DARK	900	13:48	20:51:01.0	+35:34:55	300	86	3.0	0 Calibration	2	