

UT Date 2016-02-07 Observers WBrownColl. Focus 1305 Grating/Grism 600

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.COMP	5	22:13	14:49:02.4	+25:42:09	300	90	3.0	0 Calibration	4	300 line
0002.COMP	5	22:16	14:49:02.4	+25:42:09	300	90	3.0	0 Calibration	4	
0003.fastfoc	5	22:18	14:49:02.4	+25:42:09	300	90	3.0	#222 M dwarfs	4	x7 foc=1305
0004.fastfoc	5	22:19	14:49:02.4	+25:42:09	300	90	3.0	#222 M dwarfs	4	
0005.fastfoc	5	22:19	14:49:02.4	+25:42:09	300	90	3.0	#222 M dwarfs	4	
0006.fastfoc	5	22:19	14:49:02.4	+25:42:09	300	90	3.0	#222 M dwarfs	4	
0007.fastfoc	5	22:20	14:49:02.4	+25:42:09	300	90	3.0	#222 M dwarfs	4	
0008.fastfoc	5	22:20	14:49:02.4	+25:42:09	300	90	3.0	#222 M dwarfs	4	
0009.fastfoc	5	22:20	14:49:02.4	+25:42:09	300	90	3.0	#222 M dwarfs	4	
0010.DARK	900	22:23	14:49:02.4	+25:42:09	300	90	3.0	0 Calibration	4	x5
0011-0014.DARK	900	23:24	14:49:02.4	+25:42:09	300	90	3.0	0 Calibration	4	
0015.DARK	900	23:40	14:49:02.4	+25:42:09	300	90	3.0	0 Calibration	2	x5
0016-0019.DARK	900	00:41	14:49:02.4	+25:42:09	300	90	3.0	0 Calibration	2	
0020.BIAS	0	00:59	14:49:02.4	+25:42:09	300	90	3.0	0 Calibration	2	x10
0021-0029.BIAS	0	01:01	14:49:02.4	+25:42:09	300	90	3.0	0 Calibration	2	
0030.FLAT	7	01:36	03:08:25.6	+26:19:51	300	90	3.0	0 Calibration	2	x16
0031-0045.FLAT	7	01:41	03:08:25.6	+26:19:51	300	90	3.0	0 Calibration	2	
0046.HD19445	10	02:02	03:08:25.6	+26:19:51	300	90	3.0	#56 Spectropho	2	variable clouds; non-photometric
0047.COMP	10	02:02	03:08:25.6	+26:19:51	300	90	3.0	0 Calibration	2	
0048.G191B2B	300	02:05	05:05:30.6	+52:49:52	300	86	3.0	#56 Spectropho	2	

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0049.COMP	10	02:10	05:05:30.6	+52:49:52	300	86	3.0	0 Calibration	2	
0050.03460623+4621443	1500	02:12	03:46:06.2	+46:21:44	300	87	3.0	#141 2MASS Red	2	
0051.COMP	5	02:37	03:46:06.2	+46:21:44	300	90	3.0	0 Calibration	2	
0052.03522890+4507359	1800	02:39	03:52:28.9	+45:07:36	300	83	3.0	#141 2MASS Red	2	clouds getting thicker
0053.COMP	10	03:10	03:52:28.9	+45:07:36	300	83	3.0	0 Calibration	2	
0054.k0802	1500	03:23	08:02:05.9	+43:32:28	600	90	1.5	#178 Low Mass	4	600 line, thick clouds
0055.COMP	10	03:48	08:02:05.9	+43:32:28	600	90	1.5	0 Calibration	4	
0056.j0819p42	1800	03:51	08:19:17.7	+42:33:39	600	90	1.5	#178 Low Mass	4	
0057.COMP	10	04:21	08:19:17.7	+42:33:39	600	90	1.5	0 Calibration	4	
0058.j0819p42	1800	04:22	08:19:17.7	+42:33:39	600	90	1.5	#178 Low Mass	4	
0059.COMP	10	04:53	08:19:17.7	+42:33:39	600	90	1.5	0 Calibration	4	
0060.j0819p42	1800	04:58	08:19:17.7	+42:33:39	600	90	1.5	#178 Low Mass	4	
0061.COMP	10	05:28	08:19:17.7	+42:33:39	600	90	1.5	0 Calibration	4	
0062.wd0946	1800	05:30	09:49:58.7	+37:59:19	600	90	1.5	#178 Low Mass	4	
0063.COMP	10	06:01	09:49:58.7	+37:59:19	600	90	1.5	0 Calibration	4	
0064.wd0946	1800	06:02	09:49:58.7	+37:59:19	600	90	1.5	#178 Low Mass	4	
0065.COMP	10	06:33	09:49:58.7	+37:59:19	600	90	1.5	0 Calibration	4	
0066.k0802	1800	06:34	08:02:05.9	+43:32:28	600	90	1.5	#178 Low Mass	4	
0067.COMP	10	07:05	08:02:05.9	+43:32:28	600	90	1.5	0 Calibration	4	
0068.j0819p42	1200	07:06	08:19:17.7	+42:33:39	600	89	1.5	#178 Low Mass	4	

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0069.COMP	10	07:27	08:19:17.7	+42:33:39	600	90	1.5	0 Calibration	4	
0070.wd0921	1500	07:31	09:23:50.3	-12:18:24	600	89	1.5	#178 Low Mass	4	put tape over LED on done slit
0071.COMP	10	07:56	09:23:50.3	-12:18:24	600	89	1.5	0 Calibration	4	
0072.pg1237	600	07:58	12:40:25.1	+23:03:48	600	89	1.5	#178 Low Mass	4	
0073.COMP	10	08:08	12:40:25.1	+23:03:48	600	90	1.5	0 Calibration	4	
0074.wd0921	1500	08:12	09:23:50.3	-12:18:24	600	89	1.5	#178 Low Mass	4	
0075.COMP	10	08:37	09:23:50.3	-12:18:24	600	90	1.5	0 Calibration	4	
0076.wd0946	1800	08:40	09:49:58.7	+37:59:19	600	89	1.5	#178 Low Mass	4	
0077.COMP	10	09:10	09:49:58.7	+37:59:19	600	89	1.5	0 Calibration	4	
0078.wd0921	1500	09:12	09:23:50.3	-12:18:24	600	89	1.5	#178 Low Mass	4	
0079.COMP	10	09:38	09:23:50.3	-12:18:24	600	90	1.5	0 Calibration	4	
0080.wd0921	1500	09:38	09:23:50.3	-12:18:24	600	90	1.5	#178 Low Mass	4	
0081.COMP	10	10:04	09:23:50.3	-12:18:24	600	90	1.5	0 Calibration	4	
0082.k0802	1500	10:06	08:02:05.9	+43:32:28	600	90	1.5	#178 Low Mass	4	
0083.COMP	10	10:31	08:02:05.9	+43:32:28	600	89	1.5	0 Calibration	4	
0084.j0819p42	900	10:33	08:19:17.7	+42:33:39	600	89	1.5	#178 Low Mass	4	
0085.COMP	10	10:48	08:19:17.7	+42:33:39	600	89	1.5	0 Calibration	4	
0086.j0819p42	1500	10:48	08:19:17.7	+42:33:39	600	89	1.5	#178 Low Mass	4	weird splotches
0087.COMP	10	11:14	08:19:17.7	+42:33:39	600	89	1.5	0 Calibration	4	
0088.pg1237	600	11:18	12:40:25.1	+23:03:48	600	89	1.5	#178 Low Mass	4	still there

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0089.COMP	10	11:28	12:40:25.1	+23:03:48	600	89	1.5	0 Calibration	4	
0090.wd0946	1320	11:30	09:49:58.7	+37:59:19	600	89	1.5	#178 Low Mass	4	getting really bad
0091.COMP	10	11:53	09:49:58.7	+37:59:19	600	89	1.5	0 Calibration	4	
0092.BIAS	0	12:07	09:49:58.7	+37:59:19	600	89	1.5	0 Calibration	4	re-filling dewar; DO NOT USE
0093.BIAS	0	12:08	09:49:58.7	+37:59:19	600	89	1.5	0 Calibration	4	DO NOT USE
0094.wd0946	1320	12:10	09:49:58.7	+37:59:19	600	89	1.5	#178 Low Mass	4	SATURATED
0095.COMP	10	12:32	09:49:58.7	+37:59:19	600	89	1.5	0 Calibration	4	DO NOT USE
0096.BIAS	0	12:37	12:40:25.1	+23:03:48	600	89	1.5	0 Calibration	4	DO NOT USE
0097.pg1237	600	12:38	12:40:25.1	+23:03:48	600	89	1.5	#178 Low Mass	4	still bad; re-starting CCD controller
0098.COMP	10	12:48	12:40:25.1	+23:03:48	600	89	1.5	0 Calibration	4	
0099.pg1237	600	12:50	12:40:25.1	+23:03:48	600	89	1.5	#178 Low Mass	4	
0100.COMP	10	13:00	12:40:25.1	+23:03:48	600	89	1.5	0 Calibration	4	
0101.pg1237	600	13:01	12:40:25.1	+23:03:48	600	88	1.5	#178 Low Mass	4	
0102.COMP	10	13:12	12:40:25.1	+23:03:48	600	88	1.5	0 Calibration	4	
0103.Feige34	180	13:13	10:39:36.7	+43:06:09	600	88	1.5	#56 Spectropho	4	
0104.COMP	10	13:16	10:39:36.7	+43:06:09	600	88	1.5	0 Calibration	4	
0105.BDp332642	120	13:18	15:51:59.9	+32:56:54	600	88	1.5	#56 Spectropho	4	
0106.COMP	10	13:21	15:51:59.9	+32:56:54	600	88	1.5	0 Calibration	4	
0107.BIAS	0	13:27	15:51:59.9	+32:56:54	600	88	1.5	0 Calibration	4	x14
0108-0119.BIAS	0	13:29	15:51:59.9	+32:56:54	600	88	1.5	0 Calibration	4	

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0120.FLAT	12	13:29	15:51:59.9	+32:56:54	600	88	1.5	0 Calibration	4	x15
0121-0134.FLAT	12	13:34	15:51:59.9	+32:56:54	600	88	1.5	0 Calibration	4	
0135.DARK	900	14:18	15:51:59.9	+32:56:54	600	88	1.5	0 Calibration	4	DO NOT USE, darks very high
0136-0139.DARK	900	15:19	15:51:59.9	+32:56:54	600	88	1.5	0 Calibration	4	
0140-0144.DARK	900	16:36	15:51:59.9	+32:56:54	600	88	1.5	0 Calibration	2	