

UT Date 2013-05-08 Observers WBrownColl. Focus 1360 Grating/Grism 600

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.fastfoc	5	19:24	17:01:07.8	+29:24:25	300	90	3.0	All	4	x9 foc=1330
0002.fastfoc	5	19:24	17:01:07.8	+29:24:25	300	90	3.0	All	4	
0003.fastfoc	5	19:24	17:01:07.8	+29:24:25	300	90	3.0	All	4	
0004.fastfoc	5	19:25	17:01:07.8	+29:24:25	300	90	3.0	All	4	
0005.fastfoc	5	19:25	17:01:07.8	+29:24:25	300	90	3.0	All	4	
0006.fastfoc	5	19:25	17:01:07.8	+29:24:25	300	90	3.0	All	4	
0007.fastfoc	5	19:25	17:01:07.8	+29:24:25	300	90	3.0	All	4	
0008.fastfoc	5	19:26	17:01:07.8	+29:24:25	300	90	3.0	All	4	
0009.fastfoc	5	19:26	17:01:07.8	+29:24:25	300	90	3.0	All	4	
0010.BIAS	0	19:29	17:01:07.8	+29:24:25	300	90	3.0	0 Calibration	2	x10
0011-0019.BIAS	0	19:31	17:01:07.8	+29:24:25	300	90	3.0	0 Calibration	2	
0020.BIAS	0	19:33	17:01:07.8	+29:24:25	300	90	3.0	0 Calibration	4	x10
0021-0029.BIAS	0	19:34	17:01:07.8	+29:24:25	300	90	3.0	0 Calibration	4	
0030.DARK	900	19:35	17:01:07.8	+29:24:25	300	90	3.0	0 Calibration	4	x10
0031-0039.DARK	900	21:53	17:01:07.8	+29:24:25	300	90	3.0	0 Calibration	4	
0040.DARK	900	22:08	17:01:07.8	+29:24:25	300	90	3.0	0 Calibration	2	x10
0041-0049.DARK	900	00:26	17:01:07.8	+29:24:25	300	90	3.0	0 Calibration	2	
0050.FLAT	12	02:10	17:01:07.8	+29:24:25	600	90	1.5	0 Calibration	4	x10
0051-0059.FLAT	12	02:14	17:01:07.8	+29:24:25	600	90	1.5	0 Calibration	4	
0060.Feige34	180	03:01	10:39:36.7	+43:06:09	600	90	1.5	#56 Spectropho	4	

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0061.COMP	10	03:05	10:39:36.7	+43:06:09	600	90	1.5	0 Calibration	4	
0062.lmwd034	960	03:09	07:45:11.6	+19:49:27	600	90	1.5	#178 Low Mass	4	
0063.COMP	10	03:25	07:45:11.6	+19:49:27	600	90	1.5	0 Calibration	4	
0064.lmwd034	1020	03:26	07:45:11.6	+19:49:27	600	90	1.5	#178 Low Mass	4	
0065.COMP	10	03:43	07:45:11.6	+19:49:27	600	90	1.5	0 Calibration	4	
0066.lmwd034	1020	03:44	07:45:11.6	+19:49:27	600	90	1.5	#178 Low Mass	4	
0067.COMP	10	04:01	07:45:11.6	+19:49:27	600	90	1.5	0 Calibration	4	
0068.lmwd034	1200	04:02	07:45:11.6	+19:49:27	600	90	1.5	#178 Low Mass	4	
0069.COMP	10	04:22	07:45:11.6	+19:49:27	600	90	1.5	0 Calibration	4	
0070.lmwd034	1200	04:23	07:45:11.6	+19:49:27	600	90	1.5	#178 Low Mass	4	
0071.COMP	10	04:43	07:45:11.6	+19:49:27	600	90	1.5	0 Calibration	4	
0072.hotwd123	900	04:47	14:24:51.1	+43:09:25	600	89	1.5	#178 Low Mass	4	
0073.COMP	10	05:03	14:24:51.1	+43:09:25	600	89	1.5	0 Calibration	4	
0074.hotwd129	1200	05:06	14:51:18.7	+51:10:47	600	89	1.5	#178 Low Mass	4	
0075.COMP	10	05:27	14:51:18.7	+51:10:47	600	90	1.5	0 Calibration	4	
0076.hotwd122	1340	05:29	14:17:35.9	+08:02:07	600	89	1.5	#178 Low Mass	4	
0077.COMP	10	05:51	14:17:35.9	+08:02:07	600	89	1.5	0 Calibration	4	
0078.hotwd127	1310	05:54	14:42:39.1	+17:22:11	600	88	1.5	#178 Low Mass	4	
0079.COMP	10	06:17	14:42:39.1	+17:22:11	600	88	1.5	0 Calibration	4	
0080.hotwd124	600	06:32	14:26:05.3	-22:04:41	600	89	1.5	#178 Low Mass	4	

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0081.COMP	10	06:43	14:26:05.3	-22:04:41	600	89	1.5	0 Calibration	4	
0082.hotwd133	840	06:48	15:10:32.9	+02:12:08	600	89	1.5	#178 Low Mass	4	
0083.COMP	10	07:03	15:10:32.9	+02:12:08	600	89	1.5	0 Calibration	4	
0084.hotwd125	1140	07:04	14:29:51.1	-21:43:37	600	89	1.5	#178 Low Mass	4	clouds heavy
0085.COMP	10	07:24	14:29:51.1	-21:43:37	600	89	1.5	0 Calibration	4	
0087.hotwd126	1500	09:12	14:41:44.5	+10:05:57	600	90	1.5	#178 Low Mass	4	
0088.COMP	10	09:38	14:41:44.5	+10:05:57	600	90	1.5	0 Calibration	4	
0089.hotwd135	1200	10:20	15:17:17.2	+02:19:38	600	90	1.5	#178 Low Mass	4	
0090.COMP	10	10:40	15:17:17.2	+02:19:38	600	90	1.5	0 Calibration	4	
0091.hotwd146	1280	10:42	16:05:20.5	+08:57:05	600	80	1.5	#178 Low Mass	4	
0092.COMP	10	11:04	16:05:20.5	+08:57:05	600	81	1.5	0 Calibration	4	
0093.hotwd148	1040	11:05	16:26:18.3	+11:24:34	600	89	1.5	#178 Low Mass	4	
0094.COMP	10	11:23	16:26:18.3	+11:24:34	600	89	1.5	0 Calibration	4	
0095.BIAS	0	11:24	16:26:18.3	+11:24:34	600	89	1.5	0 Calibration	4	x5
0096-0099.BIAS	0	11:25	16:26:18.3	+11:24:34	600	89	1.5	0 Calibration	4	
0100.FLAT	12	11:26	16:26:18.3	+11:24:34	600	89	1.5	0 Calibration	4	x10
0101-0109.FLAT	12	11:29	16:26:18.3	+11:24:34	600	89	1.5	0 Calibration	4	
0110-0119.DARK	900	14:09	16:26:18.3	+11:24:34	600	89	1.5	0 Calibration	4	
0120-0124.DARK	900	15:25	16:26:18.3	+11:24:34	600	89	1.5	0 Calibration	2	