

UT Date 2012-12-09 Observers IrwinColl. Focus 1350 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0002.COMP	5	22:49	10:39:36.7	+43:06:09	600	90	1.5	0 Calibration	4	test junk
0003.COMP	5	22:54	10:39:36.7	+43:06:09	600	90	1.5	0 Calibration	4	test junk
0004.FLAT	12	22:56	10:39:36.7	+43:06:09	600	90	1.5	0 Calibration	4	600 tilt 445, 1.5sec, binby4, Brown
0005-0023.FLAT	12	23:03	10:39:36.7	+43:06:09	600	90	1.5	0 Calibration	4	
0024-0038.BIAS	0	23:07	10:39:36.7	+43:06:09	600	90	1.5	0 Calibration	4	
0039-0043.DARK	900	00:14	10:39:36.7	+43:06:09	600	90	1.5	0 Calibration	4	
0044.Feige110	300	01:14	23:19:58.4	-05:09:56	600	-4	1.5	#56 Spectropho	4	thin clouds, weak
0045.COMP	10	01:19	23:19:58.4	-05:09:56	600	-4	1.5	0 Calibration	4	
0046.Feige110	720	01:21	23:19:58.4	-05:09:56	600	-4	1.5	#56 Spectropho	4	a bit better
0047.lmwd504	590	01:37	01:08:30.0	+44:10:24	600	91	1.5	#178 Low Mass	4	
0048.COMP	10	01:48	01:08:30.0	+44:10:24	600	90	1.5	0 Calibration	4	
0049.lmwd504	590	01:48	01:08:30.0	+44:10:24	600	90	1.5	#178 Low Mass	4	
0050.lmwd504	590	01:58	01:08:30.0	+44:10:24	600	90	1.5	#178 Low Mass	4	
0051.lmwd504	590	02:08	01:08:30.0	+44:10:24	600	90	1.5	#178 Low Mass	4	
0052.COMP	10	02:18	01:08:30.0	+44:10:24	600	90	1.5	0 Calibration	4	
0053.lmwd504	590	02:20	01:08:30.0	+44:10:24	600	90	1.5	#178 Low Mass	4	
0054.lmwd504	590	02:30	01:08:30.0	+44:10:24	600	90	1.5	#178 Low Mass	4	
0055.lmwd504	590	02:40	01:08:30.0	+44:10:24	600	90	1.5	#178 Low Mass	4	
0056.COMP	10	02:50	01:08:30.0	+44:10:24	600	89	1.5	0 Calibration	4	
0057.lmwd504	590	02:52	01:08:30.0	+44:10:24	600	89	1.5	#178 Low Mass	4	

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0058.lmwd504	590	03:02	01:08:30.0	+44:10:24	600	89	1.5	#178 Low Mass	4	
0059.lmwd504	590	03:12	01:08:30.0	+44:10:24	600	89	1.5	#178 Low Mass	4	
0060.COMP	10	03:22	01:08:30.0	+44:10:24	600	88	1.5	0 Calibration	4	
0061.lmwd504	590	03:24	01:08:30.0	+44:10:24	600	88	1.5	#178 Low Mass	4	
0062.lmwd504	590	03:34	01:08:30.0	+44:10:24	600	88	1.5	#178 Low Mass	4	
0063.lmwd504	590	03:44	01:08:30.0	+44:10:24	600	90	1.5	#178 Low Mass	4	
0064.COMP	10	03:54	01:08:30.0	+44:10:24	600	90	1.5	0 Calibration	4	
0065.lmwd504	590	03:55	01:08:30.0	+44:10:24	600	89	1.5	#178 Low Mass	4	
0066.lmwd504	590	04:05	01:08:30.0	+44:10:24	600	89	1.5	#178 Low Mass	4	
0067.lmwd504	590	04:15	01:08:30.0	+44:10:24	600	89	1.5	#178 Low Mass	4	
0068.COMP	10	04:25	01:08:30.0	+44:10:24	600	90	1.5	0 Calibration	4	
0069.lmwd504	590	04:27	01:08:30.0	+44:10:24	600	90	1.5	#178 Low Mass	4	
0070.lmwd504	590	04:37	01:08:30.0	+44:10:24	600	90	1.5	#178 Low Mass	4	
0071.lmwd504	590	04:47	01:08:30.0	+44:10:24	600	90	1.5	#178 Low Mass	4	
0072.COMP	5	05:04	01:08:30.0	+44:10:24	1200	90	2.0	0 Calibration	2	test
0073.COMP	5	05:06	01:08:30.0	+44:10:24	1200	90	2.0	0 Calibration	2	test
0074.COMP	5	05:07	01:08:30.0	+44:10:24	1200	90	2.0	0 Calibration	2	test
0075.FLAT	15	05:09	01:08:30.0	+44:10:24	1200	90	2.0	0 Calibration	2	1200 tilt 850, spacer, GG495, 2sec, binby2, Zezas
0076-0089.FLAT	15	05:15	01:08:30.0	+44:10:24	1200	90	2.0	0 Calibration	2	
0090.4U0115p634	1800	05:18	01:18:32.0	+63:44:33	1200	90	2.0	#176 Be/X-ray	2	some cloud

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0091.COMP	10	05:48	01:18:32.0	+63:44:33	1200	90	2.0	0 Calibration	2	
0092.IGRJ01363p6610	1613	05:50	01:35:49.8	+66:12:43	1200	90	2.0	#176 Be/X-ray	2	abandoned due to increasingly thick cloud
0093.COMP	10	06:17	01:35:49.8	+66:12:43	1200	90	2.0	0 Calibration	2	
0094.HD19445	30	06:50	03:08:26.3	+26:20:29	1200	90	2.0	#176 Be/X-ray	2	
0095.COMP	10	06:51	03:08:26.3	+26:20:29	1200	90	2.0	0 Calibration	2	
0096.HD19445	90	06:52	03:08:26.3	+26:20:29	1200	90	2.0	#176 Be/X-ray	2	
0097.LSIP61303	120	06:55	02:40:31.6	+61:13:46	1200	90	2.0	#176 Be/X-ray	2	
0098.COMP	10	06:57	02:40:31.6	+61:13:46	1200	90	2.0	0 Calibration	2	
0099.XPer	4	06:59	03:55:23.0	+31:02:45	1200	90	2.0	#176 Be/X-ray	2	
0100.COMP	10	06:59	03:55:23.0	+31:02:45	1200	90	2.0	0 Calibration	2	
0101.RXJ04409p4431	570	07:02	04:41:00.6	+44:31:50	1200	86	2.0	#176 Be/X-ray	2	
0102.COMP	10	07:11	04:41:00.6	+44:31:50	1200	86	2.0	0 Calibration	2	
0103.A0535p262	120	07:13	05:38:54.5	+26:18:57	1200	86	2.0	#176 Be/X-ray	2	
0104.COMP	10	07:15	05:38:54.5	+26:18:57	1200	86	2.0	0 Calibration	2	
0105.IGRJ06074p2205	962	07:16	06:07:26.6	+22:05:48	1200	86	2.0	#176 Be/X-ray	2	
0106.COMP	10	07:33	06:07:26.6	+22:05:48	1200	88	2.0	0 Calibration	2	
0107.MXB0656-072	1500	07:34	06:58:17.2	-07:12:35	1200	89	2.0	#176 Be/X-ray	2	
0108.COMP	10	08:00	06:58:17.2	-07:12:35	1200	89	2.0	0 Calibration	2	
0109.COMP	5	08:06	06:58:17.2	-07:12:35	300	89	3.0	0 Calibration	2	test
0110.COMP	5	08:07	06:58:17.2	-07:12:35	300	89	3.0	0 Calibration	2	test

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0111.COMP	5	08:09	06:58:17.2	-07:12:35	300	89	3.0	0 Calibration	2	test
0112.COMP	5	08:10	06:58:17.2	-07:12:35	300	89	3.0	0 Calibration	2	test
0113.FLAT	7	08:12	06:58:17.2	-07:12:35	300	89	3.0	0 Calibration	2	standard setup
0114-0132.FLAT	7	08:17	06:58:17.2	-07:12:35	300	89	3.0	0 Calibration	2	
0133.dC073341p2227	1800	08:21	07:33:41.3	+22:27:59	300	75	3.0	#99 Director	2	conditions not great, weak
0134.COMP	10	08:51	07:33:41.3	+22:27:59	300	75	3.0	0 Calibration	2	
0135.dC074743p1733	900	08:52	07:47:43.3	+17:33:02	300	75	3.0	#99 Director	2	
0136.COMP	10	09:08	07:47:43.3	+17:33:02	300	75	3.0	0 Calibration	2	
0137.dC084259p2257	1600	09:21	08:42:59.8	+22:57:30	300	73	3.0	#99 Director	2	
0138.COMP	10	09:48	08:42:59.8	+22:57:30	300	73	3.0	0 Calibration	2	
0139.sn2012hg	1800	09:51	07:07:25.6	+56:18:19	300	15	3.0	#2 SN Observat	2	
0140.COMP	10	10:22	07:07:25.6	+56:18:19	300	15	3.0	0 Calibration	2	
0141.N3379	600	10:32	10:47:49.6	+12:34:54	300	90	3.0	#57 Velocity S	2	
0142.COMP	10	10:42	10:47:49.6	+12:34:54	300	90	3.0	0 Calibration	2	
0143.08503721-2455302	1800	10:44	08:50:37.2	-24:55:30	300	90	3.0	#141 2Mass Red	2	
0144.COMP	10	11:14	08:50:37.2	-24:55:30	300	90	3.0	0 Calibration	2	
0145.dC073341p2227	1800	11:18	07:33:41.3	+22:27:59	300	76	3.0	#99 Director	2	
0146.COMP	10	11:49	07:33:41.3	+22:27:59	300	76	3.0	0 Calibration	2	
0147.dC074743p1733	900	11:50	07:47:43.3	+17:33:02	300	76	3.0	#99 Director	2	
0148.COMP	10	12:05	07:47:43.3	+17:33:02	300	76	3.0	0 Calibration	2	

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0149.dC084259p2257	1600	12:07	08:42:59.8	+22:57:30	300	75	3.0	#99 Director	2	
0150.COMP	10	12:34	08:42:59.8	+22:57:30	300	75	3.0	0 Calibration	2	
0151.sn2012hj	1800	12:37	11:07:19.2	+46:22:46	300	100	3.0	#2 SN Observat	2	
0152.COMP	10	13:07	11:07:19.2	+46:22:46	300	98	3.0	0 Calibration	2	
0153.Feige34	300	13:09	10:39:36.7	+43:06:09	300	100	3.0	#56 Spectropho	2	
0154.COMP	10	13:14	10:39:36.7	+43:06:09	300	100	3.0	0 Calibration	2	
0155.HD84937	20	13:16	09:48:56.1	+13:44:39	300	40	3.0	#56 Spectropho	2	
0156.HD84937	20	13:17	09:48:56.1	+13:44:39	300	40	3.0	#56 Spectropho	2	
0157.HD84937	20	13:17	09:48:56.1	+13:44:39	300	40	3.0	#56 Spectropho	2	
0158.COMP	10	13:18	09:48:56.1	+13:44:39	300	40	3.0	0 Calibration	2	
0159-0168.BIAS	0	13:23	09:48:56.1	+13:44:39	300	91	3.0	0 Calibration	4	
0169-0178.FLAT	4	13:25	09:48:56.1	+13:44:39	300	91	3.0	0 Calibration	4	
0179-0188.BIAS	0	13:27	09:48:56.1	+13:44:39	300	91	3.0	0 Calibration	2	
0189-0203.FLAT	7	13:31	09:48:56.1	+13:44:39	300	91	3.0	0 Calibration	2	
0204-0208.DARK	900	14:41	09:48:56.1	+13:44:39	300	91	3.0	0 Calibration	2	
0209-0213.DARK	900	15:57	09:48:56.1	+13:44:39	300	91	3.0	0 Calibration	4	