

UT Date 2006-11-14 Observers G. NarayanColl. Focus 1320 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0005.DARK	900	22:53	05:53:56.4	+45:53:14	300	90	3.0	#57 Velocity S	4	
0006-0010.DARK	900	0:10	05:53:56.4	+45:53:14	300	90	3.0	#57 Velocity S	2	
0011-0020.BIAS	0	0:41	05:53:56.4	+45:53:14	300	90	3.0	#57 Velocity S	4	
0021-0030.FLAT	12	0:44	05:53:56.4	+45:53:14	300	90	3.0	#57 Velocity S	4	
0031-0040.BIAS	0	0:46	05:53:56.4	+45:53:14	300	90	3.0	#57 Velocity S	2	
0041.FLAT	25	0:46	05:53:56.4	+45:53:14	300	90	3.0	#57 Velocity S	2	Still bright out
0042-0055.FLAT	25	0:55	05:53:56.4	+45:53:14	300	90	3.0	#57 Velocity S	2	
0056.COMP	10	1:13	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	2	Tiltpos is good
0057.BDp284211	90	1:26	21:51:11.1	28:51:53	300	-58	3.0	#56 Spectropho	2	light clouds
0058.BDp284211	90	1:27	21:51:11.1	28:51:53	300	-58	3.0	#56 Spectropho	2	
0059.COMP	10	1:29	21:51:11.1	28:51:53	300	-58	3.0	#56 Spectropho	2	
0060.BDp174708	45	1:36	22:11:31.4	18:05:33	300	-24	3.0	#56 Spectropho	2	
0061.BDp174708	45	1:37	22:11:31.4	18:05:33	300	-24	3.0	#56 Spectropho	2	
0062.COMP	10	1:39	22:11:31.4	18:05:33	300	-24	3.0	#56 Spectropho	2	
0063.N7331	180	1:45	22:34:46.9	+34:09:43	300	78	3.0	#57 Velocity S	2	
0064.N7331	180	1:48	22:34:46.9	+34:09:43	300	78	3.0	#57 Velocity S	2	
0065.COMP	10	1:52	22:34:46.9	+34:09:43	300	78	3.0	#57 Velocity S	2	
0066.21363802+4130100	600	1:57	21:36:38.0	+41:30:10	300	100	3.0	#141 Mapping t	2	crowded-rotated-some star left
0067.COMP	10	2:08	21:36:38.0	+41:30:10	300	100	3.0	#141 Mapping t	2	
0068.sn2006gr	300	2:16	22:32:22.6	+30:49:43	300	0	3.0	#2 SN Observat	2	V.v.faint-to see if anything in slit

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0069.sn2006gr	1800	2:22	22:32:22.6	+30:49:43	300	0	3.0	#2 SN Observat	2	Some SN atleast
0070.COMP	10	2:53	22:32:22.6	+30:49:43	300	0	3.0	#2 SN Observat	2	some cloud during SN
0071.23191833+5224167	600	3:09	23:19:18.3	+52:24:16	300	70	3.0	#141 Mapping t	2	rotated to get fully in slit
0072.COMP	10	3:19	23:19:18.3	+52:24:16	300	70	3.0	#141 Mapping t	2	clearing up
0073.23420033+5355053	450	3:23	23:42:00.3	+53:55:05	300	90	3.0	#141 Mapping t	2	
0074.COMP	10	3:31	23:42:00.3	+53:55:05	300	90	3.0	#141 Mapping t	2	
0075.23491814+5540224	450	3:34	23:49:18.1	+55:40:22	300	80	3.0	#141 Mapping t	2	
0076.COMP	10	3:42	23:49:18.1	+55:40:22	300	80	3.0	#141 Mapping t	2	
0077.00031764+7028152	900	3:46	00:03:17.6	+70:28:15	300	89	3.0	#141 Mapping t	2	
0078.COMP	10	4:01	00:03:17.6	+70:28:15	300	89	3.0	#141 Mapping t	2	
0079.00034142+7036434	1200	4:11	00:03:41.4	+70:36:43	300	89	3.0	#141 Mapping t	2	
0080.COMP	10	4:32	00:03:41.4	+70:36:43	300	89	3.0	#141 Mapping t	2	
0081.00411934+6855542	1200	4:39	00:41:19.3	+68:55:54	300	89	3.0	#141 Mapping t	2	
0082.COMP	10	4:59	00:41:19.3	+68:55:54	300	89	3.0	#141 Mapping t	2	
0083.01394085+5507549	500	5:02	01:39:40.8	+55:07:54	300	89	3.0	#141 Mapping t	2	
0084.COMP	10	5:10	01:39:40.8	+55:07:54	300	89	3.0	#141 Mapping t	2	
0085.01432723+5636429	450	5:12	01:43:27.2	+56:36:42	300	89	3.0	#141 Mapping t	2	
0086.COMP	10	5:20	01:43:27.2	+56:36:42	300	89	3.0	#141 Mapping t	2	
0087.hxPer3	450	5:24	2:18:55.3	57:24:28	300	80	3.0	#170 h & chi P	2	
0088.COMP	10	5:32	2:18:55.3	57:24:28	300	80	3.0	#170 h & chi P	2	

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0089.hxPer30	360	5:34	2:17:27.7	57:1:0	300	90	3.0	#170 h & chi P	2	
0090.COMP	10	5:41	2:17:27.7	57:1:0	300	90	3.0	#170 h & chi P	2	
0091.hxPer31	300	5:47	2:19:14.1	56:49:13	300	30	3.0	#170 h & chi P	2	
0092.COMP	10	5:53	2:19:14.1	56:49:13	300	30	3.0	#170 h & chi P	2	
0093.hxPer32	300	5:56	2:23:16.7	56:43:4	300	90	3.0	#170 h & chi P	2	
0094.COMP	10	6:01	2:23:16.7	56:43:4	300	90	3.0	#170 h & chi P	2	
0095.hxPer33	250	6:03	2:18:22.3	56:52:15	300	90	3.0	#170 h & chi P	2	
0096.COMP	10	6:07	2:18:22.3	56:52:15	300	90	3.0	#170 h & chi P	2	
0097.hxPer34	250	6:09	2:18:43.0	57:31:36	300	90	3.0	#170 h & chi P	2	
0098.COMP	10	6:14	2:18:43.0	57:31:36	300	90	3.0	#170 h & chi P	2	
0099.hxPer35	250	6:15	2:18:57.7	57:27:6	300	90	3.0	#170 h & chi P	2	
0100.COMP	10	6:20	2:18:57.7	57:27:6	300	90	3.0	#170 h & chi P	2	
0101.hxPer36	250	6:21	2:18:24.6	56:56:11	300	90	3.0	#170 h & chi P	2	
0102.COMP	10	6:26	2:18:24.6	56:56:11	300	90	3.0	#170 h & chi P	2	
0103.hxPer37	250	6:27	2:20:57.1	56:53:22	300	90	3.0	#170 h & chi P	2	
0104.COMP	10	6:31	2:20:57.1	56:53:22	300	90	3.0	#170 h & chi P	2	
0105.hxPer38	250	6:32	2:24:3.1	57:12:8	300	90	3.0	#170 h & chi P	2	
0106.COMP	10	6:37	2:24:3.1	57:12:8	300	90	3.0	#170 h & chi P	2	
0107.hxPer39	250	6:38	2:21:50.8	57:7:16	300	90	3.0	#170 h & chi P	2	
0108.COMP	10	6:43	2:21:50.8	57:7:16	300	90	3.0	#170 h & chi P	2	

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0109.hxPer40	250	6:44	2:18:55.2	57:2:26	300	90	3.0	#170 h & chi P	2	
0110.COMP	10	6:48	2:18:55.2	57:2:26	300	90	3.0	#170 h & chi P	2	
0111.hxPer4	360	6:49	2:22:22.3	57:1:40	300	90	3.0	#170 h & chi P	2	central trace
0112.COMP	10	6:56	2:22:22.3	57:1:40	300	90	3.0	#170 h & chi P	2	could have gone longer
0113.hxPer41	250	6:58	2:21:33.9	56:44:25	300	90	3.0	#170 h & chi P	2	
0114.COMP	10	7:02	2:21:33.9	56:44:25	300	90	3.0	#170 h & chi P	2	
0115.hxPer44	250	7:04	2:20:19.9	57:18:17	300	90	3.0	#170 h & chi P	2	
0116.COMP	10	7:08	2:20:19.9	57:18:17	300	90	3.0	#170 h & chi P	2	
0117.hxPer45	250	7:09	2:22:28.6	56:44:25	300	90	3.0	#170 h & chi P	2	
0118.COMP	10	7:14	2:22:28.6	56:44:25	300	90	3.0	#170 h & chi P	2	
0119.hxPer46	250	7:16	2:21:54.5	57:28:32	300	90	3.0	#170 h & chi P	2	
0120.COMP	10	7:20	2:21:54.5	57:28:32	300	90	3.0	#170 h & chi P	2	
0121.hxPer47	250	7:22	2:24:3.7	57:10:34	300	90	3.0	#170 h & chi P	2	
0122.COMP	10	7:26	2:24:3.7	57:10:34	300	90	3.0	#170 h & chi P	2	
0123.hxPer48	250	7:27	2:18:9.1	56:52:18	300	90	3.0	#170 h & chi P	2	
0124.COMP	10	7:32	2:18:9.1	56:52:18	300	90	3.0	#170 h & chi P	2	
0125.hxPer49	250	7:33	2:23:29.2	57:13:26	300	90	3.0	#170 h & chi P	2	
0126.COMP	10	7:38	2:23:29.2	57:13:26	300	90	3.0	#170 h & chi P	2	
0127.hxPer50	250	7:39	2:18:19.9	56:47:9	300	90	3.0	#170 h & chi P	2	
0128.COMP	10	7:44	2:18:19.9	56:47:9	300	90	3.0	#170 h & chi P	2	

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0129.hxPer5	250	7:45	2:17:29.9	57:2:30	300	90	3.0	#170 h & chi P	2	
0130.COMP	10	7:50	2:17:29.9	57:2:30	300	90	3.0	#170 h & chi P	2	
0131.fmfa230	500	7:53	03:40:25.9	14:32:36	300	90	3.0	#171 Local Uni	2	
0132.COMP	10	8:02	03:40:25.9	14:32:36	300	90	3.0	#171 Local Uni	2	
0133.fmfa231	500	8:04	03:40:26.0	10:04:27	300	90	3.0	#171 Local Uni	2	
0134.COMP	10	8:13	03:40:26.0	10:04:27	300	90	3.0	#171 Local Uni	2	
0135.fmfa232	360	8:15	03:40:27.7	15:33:11	300	90	3.0	#171 Local Uni	2	
0136.COMP	10	8:21	03:40:27.7	15:33:11	300	90	3.0	#171 Local Uni	2	
0137.fmfa234	500	8:24	03:40:34.5	14:37:37	300	110	3.0	#171 Local Uni	2	Moon is up-some cloud in North
0138.COMP	10	8:33	03:40:34.5	14:37:37	300	110	3.0	#171 Local Uni	2	
0139.sn2006le	1800	8:46	05:00:41.9	62:15:19	300	0	3.0	#2 SN Observat	2	woohoo
0140.COMP	10	9:17	05:00:41.9	62:15:19	300	0	3.0	#2 SN Observat	2	some more cloud but still good
0141.IPHAS_B248	600	9:28	5:28:24.4	31:54:46	300	90	3.0	#157 IPHAS	2	
0142.COMP	10	9:38	5:28:24.4	31:54:46	300	90	3.0	#157 IPHAS	2	
0143.IPHAS_B289	720	9:42	5:28:32.6	28:38:37	300	90	3.0	#157 IPHAS	2	
0144.COMP	10	9:55	5:28:32.6	28:38:37	300	90	3.0	#157 IPHAS	2	
0145.IPHAS_B293	800	9:57	5:28:39.8	26:40:17	300	90	3.0	#157 IPHAS	2	
0146.COMP	10	10:11	5:28:39.8	26:40:17	300	90	3.0	#157 IPHAS	2	
0147.IPHAS_B275	800	10:12	5:29:3.8	29:26:9	300	90	3.0	#157 IPHAS	2	
0148.COMP	10	10:26	5:29:3.8	29:26:9	300	90	3.0	#157 IPHAS	2	

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0149.IPHAS_B259	600	10:27	5:43:11.8	25:44:45	300	90	3.0	#157 IPHAS	2	
0150.COMP	10	10:38	5:43:11.8	25:44:45	300	90	3.0	#157 IPHAS	2	
0151.IPHAS_B294	450	10:39	5:43:12.5	25:57:25	300	90	3.0	#157 IPHAS	2	was bright but stupid cloud
0152.COMP	10	10:48	5:43:12.5	25:57:25	300	90	3.0	#157 IPHAS	2	
0153.IPHAS_B327	720	10:49	5:44:24.1	31:20:31	300	90	3.0	#157 IPHAS	2	
0154.COMP	10	11:02	5:44:24.1	31:20:31	300	90	3.0	#157 IPHAS	2	
0155.IPHAS_B324	600	11:03	5:44:24.4	30:21:56	300	90	3.0	#157 IPHAS	2	
0156.COMP	10	11:13	5:44:24.4	30:21:56	300	90	3.0	#157 IPHAS	2	
0157.IPHAS_B272	600	11:15	5:46:40.7	24:9:39	300	90	3.0	#157 IPHAS	2	
0158.COMP	10	11:25	5:46:40.7	24:9:39	300	90	3.0	#157 IPHAS	2	
0159.IPHAS_B297	600	11:27	5:47:48.3	28:35:11	300	90	3.0	#157 IPHAS	2	
0160.COMP	10	11:37	5:47:48.3	28:35:11	300	90	3.0	#157 IPHAS	2	
0161.IPHAS_B286	600	11:38	5:47:48.8	27:24:25	300	90	3.0	#157 IPHAS	2	
0162.COMP	10	11:49	5:47:48.8	27:24:25	300	90	3.0	#157 IPHAS	2	
0163.e924-DR	1500	11:52	8:50:07.0	29:32:52	300	70	3.0	#113 Interacti	2	tried to put both in slit-probably junk
0164.COMP	10	12:17	8:50:07.0	29:32:52	300	70	3.0	#113 Interacti	2	
0165.sn2006jc	900	12:20	09:17:20.7	+41:54:32	300	43	3.0	#2 SN Observat	2	
0166.COMP	10	12:36	09:17:20.7	+41:54:32	300	43	3.0	#2 SN Observat	2	
0167.HD84937	5	12:41	09:48:54.8	13:45:13	300	-35	3.0	#56 Spectropho	2	
0168.HD84937	5	12:41	09:48:54.8	13:45:13	300	-35	3.0	#56 Spectropho	2	

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0169.COMP	10	12:42	09:48:54.8	13:45:13	300	-35	3.0	#56 Spectropho	2	
0170.AGK2p43928	5	12:47	09:52:29	+43:28:00	300	90	3.0	#57 Velocity S	2	
0171.AGK2p43928	5	12:47	09:52:29	+43:28:00	300	90	3.0	#57 Velocity S	2	
0172.COMP	10	12:47	09:52:29	+43:28:00	300	90	3.0	#57 Velocity S	2	
0173.WILSON6377	5	12:49	09:58:18	+55:50:00	300	90	3.0	#57 Velocity S	2	
0174.WILSON6377	5	12:49	09:58:18	+55:50:00	300	90	3.0	#57 Velocity S	2	
0175.COMP	10	12:50	09:58:18	+55:50:00	300	90	3.0	#57 Velocity S	2	
0176.Feige34	90	12:53	10:39:36.8	43:06:10	300	68	3.0	#56 Spectropho	2	
0177.Feige34	90	12:55	10:39:36.8	43:06:10	300	68	3.0	#56 Spectropho	2	
0178.COMP	10	12:57	10:39:36.8	43:06:10	300	68	3.0	#56 Spectropho	2	
0179-0188.BIAS	0	13:02	10:39:36.8	43:06:10	300	90	3.0	#57 Velocity S	4	
0189-0197.FLAT	12	13:05	10:39:36.8	43:06:10	300	90	3.0	#57 Velocity S	4	
0198.FLAT	12	13:05	10:39:36.8	43:06:10	300	90	3.0	#57 Velocity S	4	wierd-script said done but stopped here
0200.FLAT	25	13:31	10:39:36.8	43:06:10	300	90	3.0	#57 Velocity S	1	restarted ccd60 following instructions
0201.FLAT	25	13:33	10:39:36.8	43:06:10	300	90	3.0	#57 Velocity S	1	started writing these slowly
0202-0209.FLAT	25	13:47	10:39:36.8	43:06:10	300	90	3.0	#57 Velocity S	1	
0211.BIAS	0	13:53	10:39:36.8	43:06:10	300	90	3.0	#57 Velocity S	2	called Ted Groner-fixed-restarting flats
0212-0221.BIAS	0	13:56	10:39:36.8	43:06:10	300	90	3.0	#57 Velocity S	4	
0222-0231.FLAT	12	13:59	10:39:36.8	43:06:10	300	90	3.0	#57 Velocity S	4	
0232-0241.BIAS	0	14:01	10:39:36.8	43:06:10	300	90	3.0	#57 Velocity S	2	

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0242-0256.FLAT	25	14:10	10:39:36.8	43:06:10	300	90	3.0	#57 Velocity S	2	
0257-0261.DARK	900	15:25	10:39:36.8	43:06:10	300	90	3.0	#57 Velocity S	4	
0262-0266.DARK	900	16:42	10:39:36.8	43:06:10	300	90	3.0	#57 Velocity S	2	