

60 inch Telescope Log

Observer: Bragg

PI: Maheshvi, Bragg

Spectrograph: FAST

Grating: std

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Date: 12/4/99

Number	Object	R.A.	Dec.	L/R	Exp	Comments
1-10	BIAS					binby2 ↓
11-20	FLAT				12s	
21-30	BIAS					binby4 ↓
31-40	FLAT				60s	focus 1030
41-45	DARK				900s	↓
46-50	sky flat				60s	
51	comp				↑	
52-56	sky flat				20s	binby2 ↓
57	comp				↑(12s)	
58	BIAS					binby4 (to test header)
59	N7331	22 37 02	+34 01 43	57	120s	
60	comp				↑	
61	Feige 110	23 19 52	-5 09 47	56	120s	
62	comp				↑	
63	srqb 075.007	00 34 28.9	+25 26 00	59	180s	superposed star - cannot
64	comp				↑	
65	srqb 075.009	00 35 27.2	+25 39 20	59	600s	(faint) may be extra to east
66	comp				↑	
67	srqb 075.010	00 35 30.4	+26 51 18	59	600s	(also faint)
68	comp				↑	
69	021949p570753	02 19 49.2	+57 07 53	83	300s	extra * to west is also faint 021945p570753
70	comp				↑	
71	021950p570906	02 19 50.9	+57 09 06	83	450s	maybe extra to west (but dim)
72	comp				↑	
73	021952p570630	02 19 52.1	+57 06 30	83	450s	v line 42
74	comp				↑	
75	021954p570942	02 19 54.6	+57 09 42	83	450s	
76	comp				↑	
77	021956p570408	02 19 56.3	+57 04 08	83	450s	
78	comp				↑	

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PI: <u>Bragg</u>						
Number	Object	R.A.	Dec.	L/R	Exp	Comments
79	021958p571014	02 19 58.2	+57 11 14.5	83	450s	extra star to the E? nu
80	comp				↑	
81	021959p570656	02 19 59.1	+57 06 56.5	83	450s	
82	comp				↑	
83	022002p570743	02 20 2.90	+57 07 43.7	83	600s	
84	comp				↑	
85	022101p570717	02 21 1.20	+57 07 17.8	83	600s	
86	comp				↑	
87	022104p570502	02 21 4.60	+57 05 02.0	83	600s	
88	comp				↑	
89	022104p570859	02 21 4.5	+57 08 59.3	83	600s	
90	comp				↑	
91	022108p570801	02 21 8.8	+57 08 4.2	83	600s	
92	comp				↑	
93	022110p570737	02 21 10.2	+57 07 37.2	83	600s	
94	comp				↑	
95	021909p570953	02 19 9.5	+57 09 53.6	83	600s	extra star to W want one ~40
96	comp				↑	
97	022110p571302	02 21 10.5	+57 13 02.6	83	450s	
98	comp				↑	
99	022118p570806	02 21 18.2	+57 08 06.4	83	600s	
100	comp				↑	
101	SN99dq	2 33 59	+20 58 25	2	1200s	not sure if I got pos ang 20°, bin by 2
102	comp				↑ (12s)	
103	PG 0310p149	3 13 36	+15 06 23	56	240s	pos ang 0° OK ✓
104	comp				↑ (12s)	also dim
105				56	450s	OK ~ line 90
106	comp				↑	
107	022118p571207	02 21 12.0	+57 12 76	83	600s	bin by 4
108	comp				↑	

90°
to ch
pos 2
141

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reader wrong position = 90°

Number	Object	R. A.	Dec.	L/R	Exp	Comments
109	022120p570756	02 21 20.7	+57 07 56.6	83	300s	too short, repeat
110	comp				↑	
111		"	"	83	600s	
112	comp				↑	
113	022121p570240	2 21 21.70	+57 02 40.2	83	600s	
114	comp				↑	
115	022122p571320	2 21 22.2	+57 13 20.3	83	600s	extra * to the east want 1 to
116	comp				↑	
117	022123p570130	2 21 23.20	+57 01 30.7	83	450s	
118	comp				↑	
119	022123p570630	2 21 23.8	+57 06 30.2	83	600s	
120	comp				↑	
121	022123p570937	2 21 23.7	+57 09 37.4	83	600s	
122	comp				↑	
123	022124p571153	2 21 24.9	+57 11 53.2	83	180s	
124	comp				↑	
125	022125p571333	2 21 26	+57 13 32.6	83	300s	
126	comp				↑	
127	022126p57000	2 21 26.4	+57 01 0.1	83	700s	
128	comp				↑	
129	022126p570553	2 21 26.8	+57 05 53.1	83	600s	extra to do W?
130	comp				↑	
131	022126p571411	2 21 26.4	+57 14 11.8	83	600s	
132	comp				↑	
133	022127p570849	2 21 27.6	+57 08 49.2	83	600s	
134	comp				↑	
135	9V501b-45425	5 30 55.61	-00 55 42.4	112	600s	a little short....
136	comp				↑	
137	9V501b-48201	5 33 49.8	-00 48 25.7	112	1500s	
138	comp				↑	

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Number	Object	R.A.	Dec.	L/R	Exp	Comments
139	qvsonb - 52078	5 44 27.35	-00 07 19.6	112	900s	
140	comp				↑	
141	qvsonb - 52713	5 46 4.67	+00 09 58.3	112	600s	
142	comp				↑	
143	qvsonb - 52683	5 45 56.6	-00 00 07.1	112	900s	extra 2 on west
144	comp				↑	
145	qvsonb - 55671	5 41 25.9	-00 32 55	112	600s	
146	comp				↑	
147	qvsonb - 55334	6 00 04.48	-02 06 45.7	112	450s	
148	comp				↑	
149	qvsonb - 55144	05 52 19.7	-00 16 33	112	450s	
150	comp				↑	
151	qvsonb - 55143	05 41 45.9	-00 30 45.3	112	450s	
152	comp				↑	
153	a576b-014	7 22 3.19	+56 29 15	64	1200s	
154	comp				↑	
155	a576b-102	7 29 18.8	+56 15 11.9	64	1500s	
156	comp				↑	
157	a576b-107	7 22 22.9	+54 56 11.8	64	1200s	
158	comp				↑	
159	a576b-108	7 27 32.9	+54 49 6.2	64	1500s	
160	comp				↑	
161	a576b-112	7 20 37.9	+56 28 50	64	1200s	(not sure if long enough)
162	comp				↑	
163-172	BIAS					bin by 4 ↓
173-182	FLAT				6s	
183-192	BIAS					bin by 2 ↓
193-202	FLAT				12s	
203-207	DARK				900s	