

60 inch Telescope Log

Observer: P. Berlind

PI: J. Huchra

Spectrograph: FAST

Grating: 3002

Date: 7/8/94

Page: 3089

Number	Object	R. A.	Dec.	L/R	Exp	Comments
1-16	BIAS				0s	FAST chip programming
1-25	FLAT	3002	3" slit		0.1s	screwed up
26	COMP			↓		No overscan on images
27	1ES1518m071C	15:18:13	-07:10:36	X	5m	cannot bin by 1
28	1ES1518m071A	"	"	X	5m	
29	1ES1518m071B	"	"	X	3m	
30,32	A1423	11:57:47.5	+33:42:43	9	10m	2" slit ↓
31,33	COMP			↑		
34	A1610	12:47:45.66	+30:04:37	9	10m	2" slit
35	COMP			↑		
36	A1828	13:58:37.19	+18:25:02	9	5m	
37	COMP			↑		
38	13298p0150	13:29:48	+01:50:00	1	5m	3" slit 15 min ↓ HL
39	COMP			9		
40	13301p0107	13:30:06	+01:07:00	1	5m	
41	COMP			9		
42	13313p0218	13:31:18	+02:18:00	1	5m	HL
43	13316p0201	13:31:36	+02:01:00	1	5m	chip hunting up during readout → garbage
44-48	BIAS	stew			0s	
49	14449p0211	14:44:54	+02:11:00	1	5m	no comp, either long delay to get it
50	COMP			9		
51	14474p0045	14:47:24	+0:45:00	1	5m	HL fixed (1/2 hour)
52	COMP			↑		clouds around
53	14484p0009	14:48:24	+0:09:00	1	3m	
54	14484p0009B	14:48:24	+0:09:00	1	5m	
55	COMP			↑		
56	14510p0012W	14:51:00	+0:12:00	1	5m	
58	14510p0012E	14:51:00	+0:12:00	1	5m	
57	COMP			↑		
59	COMP			↑		

USED 41 for 42 + 43 -  
 but we v. careful about  
 readout

NO COMP

↓

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Number	Object	R. A.	Dec.	L/R	Exp	Comments
60	14523 p050	14:52:18	+00:50:00	1	5m	clouds HL
61	COMP			↑		delay of cloud
62	A520S	16:11:31.4	-18:38:25.1	19	2m	Stauffer HL
63	COMP			↑		
64	40m18B	16:01:26.3	+21:17:14.9	19	3m	
65	40m18A	16:01:27.8	+21:16:15.2	19	5m	
66	COMP			↑		
67	20433 p2303	20:43:18	+23:03:00	1	5m	HL
68	COMP			↑		
69	U11641	20:48:36	+21:41:00	1	3m	HL
70	COMP			↑		
71	20528 p2350	20:52:48	+23:50:00	1	5m	HL
72	COMP			↑		
73	20551 p2259	20:55:06	+22:59:00	1	5m	HL
74	COMP			↑		
75	20557 p2454	20:55:42	+24:54:00	1	5m	HL
76	COMP			↑		
77	20562 p2318	20:56:12	+23:48:00	1	3m	HL
78	COMP			↑		
79	20588 p2214	20:58:48	+22:14:00	1	3m	HL
80	COMP			↑		
81	21217 p3923	21:21:42	+39:23:00	1	2m	
82	COMP			↑		
83	21264 p3503	21:26:24	+35:05:00	1	5m	
84	COMP			1		
85	21366 p2435	21:36:36	+24:35:00	1	5m	
86	COMP			↑		Total Power Failure on HL
87	<del>SSm1A</del> SSm1B	22:57:54	+24:13:43	19	3m	Low Boyd hooked up HL
88	<del>SSm1A</del> SSm1A	"	"	19	5m	generator at 60% HL
89	COMP			↑		

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Observer: P. BerlmelPI: Huchra / StaufferSpectrograph: FASTGrating: 300LDate: 7/8/94Page: 3086

Number	Object	R. A.	Dec.	L/R	Exp	Comments
90	SSm24A	22:57:54	+20:58:51	19	5m	300L; 3" slit
91	SSm24B	"	"	19	2m	
92	COMP			↑		
93	SSm30	23:03:22.43	+20:18:29	19	2m	looks like galaxy (both)
94	comp			↑		
95	SSm3	22:56:43	+23:38:52	19	2m	
96	SSm27A	22:56:19.6	+20:52:26	19	2m	0-15 H $\alpha$ emission
97	SSm27B	"	"	19	3m	
98	COMP			↑		
99	SSm10A	22:56:65	+22:44:42	19	3m	
100	SSm10B	"	"	19	5m	
101	COMP			↑		
102	SSm58	22:59:58	+17:39:25	19	2m	H $\alpha$ emission
103	SSm53A	23:00:14	+18:35:07	19	5m	galaxy
104	SSm53B1	"	"	19	3m	0-15 B2
105	SSm53B2	"	"	19	2m	B1
106	COMP			↑		
107	SSm60	23:03:115	+17:31:45	19	1m	
108	SSm94A	23:03:26	+14:45:20	19	1m	slightly broadened
109	SSm94B	"	"	19	5m	galaxy nice H $\alpha$ tail
110	SSm103	23:02:14	+13:56:48	19	2m	
111	COMP			↑		
112	SSm137A	22:52:11	+09:56:43	19	2m	H $\alpha$ emission cool
113	SSm137B	"	"	19	2m	
114	SSm131A	22:55:46	+10:33:06	19	2m	
115	SSm131B	"	"	19	5m	QSO!?!?
116	COMP			↑		
117	SSm114A	23:06:10	+12:36:5	19	30s	H $\alpha$ emission
118	SSm114B	"	"	19	2m	
119	SSm72A	23:07:02	+16:32:13	19	2m	

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PI: Huchra / Strubbert Callanan

Spectrograph: FAST

Grating: 3002/6022

Page: 3087

Date: 7/8/94

Number	Object	R.A.	Dec.	L/R	Exp	Comments
120	SSm72B	"	"	19	2m	
121	COMP			↑		
122-126	BIAS			-	DS	
127-129	CYG X2	21:42:26.7	+51:05:28	15	15m	127, 129: 600 Å, 2
128, 130	COMP			↑	DS	DS: 15s
131	COMP			↓		clouds: 15s lit
132, 133	paper 2	23:07:47	+5:18:58	19	15m	600 Å; centered at 600
134	COMP			↑		
<del>135, 136</del>		stopped by clouds				chip crashed again
134	BIAS					lots of clouds
135-6	M15	21:29:07	12:09:00	1	5m	scan of M15 for John H.
137	M15	"	"	1	10m	drifted @ 2"/sec in δ
138	COMP			↑		across the cluster
139-140	SKY	"	"		5m	close to M15
141	COMP			↑	10m	→ twilight
142	SKY				10m	what a night...
143	COMP			↑		
144-153	BIAS				DS	
154-163	FLAT				0.5	600 line: 1.5" slit
164						