

Start of FAST Run

60 inch Telescope Log		Spectrograph: <u>FAST</u>				
Observer: <u>P. Berlind</u>		Grating: <u>3002, 3" slit; binby 4</u>			Page: <u>4290</u>	
PI: <u>Geller / Falco</u>		Date: <u>1/11/96</u>				
Number	Object	R.A.	Dec.	L/R	Exp	Comments
1-10	BIAS			0	0s	clear
11-20	FLAT			0	6s	clear
21-30	sky			0	2s	clear
31	COMP			↑	5s	
32-33	N7331	22:34.46.9	+34:09:43	0	2m	6:30
34	COMP			↑		fast foc = 1020
35-37	H1721706b	22:54	+62:27	0	5s	
38	COMP			↑		
39-41	M31	00:42	+41:15	0	30s	
42	COMP			↑		
43-44	M31obj	00	+41:15	0	30s	
45	COMP			↑		poor seeing
46	MARK335	00:03	+19:55	6	90s	
47	COMP			↑		6:45
48	S22.063122	23:32.65	+12:57.11	3	10m	comp to E @ row 47
49	COMP			↑		extended H α emission to W
50	S22.063172	23:13	+12:58	3	9m	*'s on slit
51	COMP			↑		
52	S22.063535	23:26	+12:59	3	8m	seeing improved
53	COMP			↑		
54	S22.063525	23:09	+13:01	3	8m	cute galaxy
55	COMP			↑		
56	S22.063928	23:21	+13:01	3	8m	
57	COMP			↑		
58	S22.064404	23:15	+13:03	3	8m	
59	COMP			↑		H α mag 25.0 + 18.6 companion
60, 62, 64, 66	O212p735	02:12.49	+73:35.40	31	15m	binby 2; slit pos = 93°; 2" slit
61, 63, 65, 67	COMP			↑	5-10s	25.0 @ row 72; COMP row 80
68	K032.17	01:46	+33:52	1	8m	W E
69	COMP			↑		

1.17

8.85

60 inch Telescope Log			Spectrograph: <u>FAST</u>			
Observer: <u>PB</u>			Grating: <u>3002</u>		Page: <u>4291</u>	
PI: <u>Huchra</u>			Date: <u>1/11/96</u>			
Number	Object	R.A.	Dec.	I/R	Exp	Comments
70	Ki0380097e	01-49	+35-52	1	5m	
71	COMP			↑		
72	Ki0400157eN	01-51	+34-07	1	4m	triple δ -N
73	COMP			↑		
74	Ki0380097	01-49	+35-53	1	5m	halo of bright nearby galaxy also on d.f.E
75	COMP			↑		
76	K037.07	01-48	+35-25	↑	7m	
77	COMP			↑		seeing worse ~2"
78	Ki0400157eS	01-51	+34-07	1	12m	South comp of #72 H α
79	COMP			↑		nice star
80	M73	01-49	+38-40	1	4m	Fstar; no sign of fuzz
81	COMP			↑		in pair seeing
82	Ki0350058e	01-48	+36-34	1	10m	
83	COMP			↑		
84	Ki0360078e	01-48	+36-30	1	9m	
85	COMP			↑		
86	Ki0400048e	01-51	+37-40	1	9m	
87	COMP			↑		seeing improved
88	Ki0360058e	01-48	+36-39	1	7m	
89	COMP			↑		
90	Ki0390018eS	01-50-45	+33-57-57	1	7m	strong H α
91	COMP			↑		
92	Ki0390018eN	01-50-44	+33-58-25	1	8m	
93	COMP			↑		
94	Ki0330088e	01-47-01	+36-01	1	10m	
95	COMP			↑		
96	Ki0400157e	01-51	+34-07	1	8m	
97	COMP			↑		moon is up
98	07369p3220	07-36	+32-19	1	10m	H α etal
99	COMP			↑		

60 inch Telescope Log		Spectrograph: <u>FAST</u>				Page: <u>4292</u>
Observer: <u>PB</u>		Grating: <u>3002</u>				
PI: <u>Huchra</u>		Date: <u>1/11/96</u>				
Number	Object	R.A.	Dec.	L/R	Exp	Comments
100	07366p2951	07:36	+29:51		9m	H α
101	COMP			↑		
102	07313p3035	07:31	+30:35		10m	redo from 12/27 #96
103	COMP			↑		H α
104	07374p2148	07:37	+26:48		10m	
105	COMP			↑		Moon: 12:10 -03
106	07375p4747	07:37	+47:47		15m	H α
107	COMP			↑		bright sky
108	07376p2923	07:37	+29:23		12m	H α
109	COMP			↑		
110	07387p2053	07:38	+20:53		15m	H α
111	COMP			↑		
112	07395p4528	07:39	+45:28		7m	
113	COMP			↑		
114	07409p4028	07:40	+40:27		10m	H α
115	COMP			↑		
116	07412p2809	07:41	+38:09		8m	H α
117	COMP			↑		
118	07425p2406	07:42	+24:06		8m	H α
119	COMP			↑		
120	07426p4630	07:42	+46:30		8m	H α
121	COMP			↑		
122	07426p4651	07:42	+46:52		9m	H α
123	COMP			↑		
124	07429p2849	07:42	+28:49		8m	H α
125	COMP			↑		
126	07438p4759	07:43	+47:59		8m	H α
127	COMP			↑		
128	07441p2225	07:44	+22:25		5m	
129	COMP			↑		

had problems with reidentify on files 105 + 107.
 File 105 is particularly ~~poor~~ bad. Many
 lines removed, high residuals. Tried an identify
 + ^{had} reidentify on 105, but the results weren't any
 better.

60 inch Telescope Log

Observer: PBPI: GellerSpectrograph: FASTGrating: 300LDate: 1/11/96Page: 4293

Number	Object	R.A.	Dec.	L/R	Exp	Comments
130	314.018272	09:47	+27:20	3	10m	
131	COMP			↑		
132	314.019293	09:28	+27:23	3	10m	
133	COMP			↑		
134	314.020068	09:30	+27:29	3	4m	
135	COMP			↑		
136	314.021422	09:30	+27:32	3	10m	
137	COMP			↑		
138	314.027420	09:27	+27:50	3	8m	nice seeing bright moon
139	COMP			↑		
140	314.088179	09:25	+31:06	3	10m	sup er v-gal
141	COMP			↑		
142	314.105050	09:33	+32:16	3	10m	
143	COMP			↑		
144	314.101894	09:32	+32:03	3	10m	
145	COMP			↑		
146	314.101450	09:36	+32:02	3	8m	
147	COMP			↑		
148	314.100902	09:30	+31:59	3	12m	H _α
149	COMP			↑		
150	314.095902	09:40	+31:39	3	10m	H _α
151	COMP			↑		
152	314.090468	09:46	+31:18	3	9m	
153	COMP			↑		
154	314.095540	09:51	+30:58	3	10m	
155	COMP			↑		
156	314.082229	09:32	+30:48	3	10m	H _α
157	COMP			↑		
158	314.078331	09:38	+30:35	3	9m	
159	COMP			↑		

60 inch Telescope Log

Observer: PBPI: GellerSpectrograph: FASTGrating: 3002Date: 11/19/96Page: 4294

Number	Object	R. A.	Dec.	L/R	Exp	Comments
160	314.077087	09:37	+27:31	3	9m	
161	COMP			↑		
162	314.029018	09:52	+27:55	3	9m	
163	COMP			↑		
164	314.022053	09:57	+27:31	3	9m	
165	COMP			↑		
166	314.019870	09:46	+27:22	3	9m	H α
167	COMP			↑		
168	314.019174	09:47	+27:23	3	11m	finishes the plate!
169	COMP			↑		
170-171	Ferze 31	10:36	+43:21	1	60s	
172	COMP			↑		
173	MRK421	11:01	+58:22	6	4m	
174	COMP			↑		
175	N4051	12:00	+44:48	6	2m	H α all over the chip
176	COMP			↑		broad spiral arms!
177	N4151	12:08	+39:41	6	30s	
178	COMP			↑		
179-180	H244	13:21	+36:23	1	45s	
181	COMP			↑		
182	MRK279	13:51	+69:35	6	90s	
183	COMP			↑		
184	N5548	14:15	+25:22	6	2m	6:20 ok
185	COMP			↑		
186-187	N 586C	15:05	+55:57	0	2m	just lane narrow
188	COMP			↑		
189-198	BIAS			0	0s	clear @ dawn
199-208	FLAT			0	6s	
209-218	BIAS			31	0s	bim by 2 slit needs
219-228	FLAT			31	16s	2" slit, bim by 2 ^{flashing}
229-232	DARK			0	15m	bim by 4