

60 inch Telescope Log

Observer: P Berlin & Carter

Spectrograph: FAST

Grating: 3002

Page: 6045

PI: Kenyon & Huchra

Date: 2/22/98

Number	Object	R.A.	Dec.	L/R	Exp	Comments
1-5	DARK				900s	binby 4
6-10*	DARK				1200s	binby 2 (* #10 exptime is 900sec)
11-20	BIAS				0	binby 4
21-30	FLAT				6s	↓
31-40	BIAS				0	binby 2
41-50	FLAT				12s	↓
51-55	sky	zenith		57	2 sec	binby 4
56	COMP			↑	6s	↓
57-58	AXPer	01-36	+51	12	4500s	↓
59	COMP			↑		circus...
60-61	DLTun	04	+26	12	15, 120s	
62	COMP			↑		
63-64	DLTun	04	+16	12	10, 90	
65	COMP			↑		
66-67	RWAir	05	+33	17	15, 37	
68	COMP			↑		
69-70	DLTun	04	+25		5s, 240s	
71	COMP			↑		
72	2M040302.3	04:03	+21:44	68	8m	em
73	COMP			↑		
74	2M040321.7	04:03	+21:31	68	6m	
75	COMP			↑		
76	2M040324.1	04:03	+21:07	68	6m	
77	COMP			↑		
78	2M040409.6	04:04	+22:07	68	6m	41 NW → * to E
79	COMP			↑		2rem
80	2M040410.9	04:04	+22:07	68	4m	42 SE → * under scope
81	COMP			↑		7wk
82	2M040423.9	04:04	+22:25	68	6m	
83	COMP			↑		

60 inch Telescope Log
 Observer: POH
 PI: Huchra
 Spectrograph: FAST
 Grating: 300
 Date: 2/12/98
 Page: 6046

Number	Object	R.A.	Dec.	L/R	Exp	Comments
84	2M035548.4	0355	+21:40	68	20m	bright to E in slit
85	COMP			↑		
86	2M084915.7	0849	+08:48	68	20m	
87	COMP			↑		clearing nearby
88	2M085653.6	08:56	+15:09	68	5m	
89	COMP			↑		
90	2M084957.7	08:49	+08:45	68	4m	
91	COMP			↑		
92	2M085727.1	08:57	+16:38	68	4m	10
93	COMP			↑		
94	2M085735.1	08:59	+17:13	68	5m	11
95	COMP			↑		
96	2M090012.8	09:00	+17:33	68	4m	N
97	"	"	"	68	4m	S
98	COMP			↑		
99	2M090014.4	09:00	+17:23	68	5m	
100	COMP			↑		
101	2M090023.3	09:00	+17:10	68	6m	
102	COMP			↑		
103	2M090031.9	09:00	+16:14	68	4m	
104	COMP			↑		
105	2M090050.0	09:00	+12:13	68	1m	(tried to avoid star to W) Bright! used comp 21/104
106	COMP			↑		
107	2M090112.5	09:01	+17:33	68	4m	
108	COMP			↑		
109	2M090114.4	09:01	+13:44	68	5m	
110	COMP			↑		
111	2M090139.9	09:01	+16:28	68	5m	faint companion (off slit)?
112	COMP			↑		
113	2M090214.4	09:02	+14:30	68	4m	
114	COMP			↑		

0104 to 0106 shift = 0.045 ± 2.04 pixels
 0106 to 0108 shift = 0.053 ± 2.06 pixels

for file 105 - can only see one object in slit and it is a star; looked at image in line & it looks like 2 close stars.

60 inch Telescope Log				Spectrograph: <u>FAST</u>		Page: <u>6047</u>	
Observer: <u>PB + BC</u>				Grating: <u>3001</u>			
PI: <u>Hucha SAndi</u>				Date: <u>2/22/98</u>			
Number	Object	R.A.	Dec.	L/R	Exp	Comments	
115	ZM 090222.8	09:02	+14:31	68	4m		
116	COMP			↑			
117	ZM 090225.3	09:02	+15:53	68	5m		
118	COMP			↑			
119	ZM 090226.1	09:02	+14:27	68	3m		
120	COMP			↑			
121	ZM 090224.9	09:02	+16:56	68	5m		
122	COMP			↑			
123	ZM 090229.9	09:02	+13:32	68	5+	32	
124	COMP			↑			
125	ZM 090301.6	09:03	+16:51	68	4m	33	
126	COMP			↑			
127	ZM 084351.3 EW	08:43	+09:01	68	6m	bmbg 2 close E side comp	
128	COMP			↑	12s	↓	
129	ZM 084936.4	08:49	+09:48	68	5m	bmbg 2 to E to W #23	
130	COMP			↑	12s	↓	
131	nr 6001.01	08:33	+25:06	59	6m		
132	COMP			↑			
133	nr 6004.03	08:35	+24:56	59	6m		
134	COMP			↑			
135	nr 6004.04 N	08:36	+25:51	59	7m	N diffuse	4
136	" S	"	"	"	5m	S compact ← opp. it's a star	
137	COMP			↑			
138	nr 6004.08	08:37	+24:52	59	6m		8
139	COMP			↑			
140	a1367.2702	11:44	+19:49	64	2m		
141	COMP			↑			
142	.2666	11:33	+19:17	64	4m	redo from 2/21/98	
143	COMP			↑			
144							

60 inch Telescope Log			Spectrograph: <u>FAST</u>		Page: <u>6048</u>	
Observer: <u>PB/DC</u>			Grating: <u>302; 3" slit</u>			
PI: <u>Greller</u>			Date: <u>2/22/98</u>			
Number	Object	R.A.	Dec.	L/R	Exp	Comments
144	a1367.2704	11:44	+19:45	64	4m	nice sky
145	COMP			↑		
146	.2706	11:44	+19:46	64	5+	
147	COMP			↑		
148	.2718	11:45	+19:46	64	5m	Faint comp to W; bin by 2
149	COMP			↑		gal to far E also
150	.2720	11:45	+19:48	64	5m	bin by 2
151	COMP			↑		
157	.2641	11:45	+20:01	64	9m	nice em
153	COMP			↑		
154	.2723	11:46	+19:51	64	8m	
155	COMP			↑		
156	.2729	11:47	+19:52	64	5m	102
157	COMP			↑		
158	.2725	11:52	+19:51	64	4m	103
159	COMP			↑		
160	.2746	11:38	+19:33	64	5m	104
161	COMP			↑		
162	.2750	11:38	+19:36	64	9m	em
163	COMP			↑		
164	.2751	11:39	+19:35	64	9m	
165	COMP			↑		
166	.2773	11:44	+19:36	64	5m	
167	COMP			↑		
168	.2774	11:44	+19:29	64	4m	
169	COMP			↑		
170	.2795	11:33	+19:22	64	7m	
171	COMP			↑		
172	.2820	11:33	+19:21	64	5m	
173	COMP			↑		

60 inch Telescope Log
 Observer: PB40C
 PI: Greller / Koranyi
 Spectrograph: FAST
 Grating: 300
 Date: 2/22/98
 Page: 6049

Number	Object	R.A.	Dec.	L/R	Exp	Comments
174	a1367.2812	11:40	+19:24	64	10m	
175	COMP			↑		
176	.2808	11:38	+19:17	64	5m	
177	COMP			↑		
178	.2817	11:42	+19:25	67	5m	
179	COMP			↑		
180	.2823	11:43	+19:26	69	7m	faint companion to W in slit
181	COMP			↑		faint companion to N not in
182	.2841	11:49	+19:18	64	4m	15
183	COMP			↑		
184	.2842	11:50	+19:24	64	4m	16
185	COMP			↑		
186	.2845	11:51	+19:21	64	7m	edge-on spiral almost aligned with slit 17
187	COMP			↑		
188	.2873	11:45	+19:09	64	6m	18
189	COMP			↑		
190	MKW4-32	12:01	+02:25	64	5m	
191	COMP			↑		
192	-33	12:04	+01:30	64	10m	WK em unexposed
193	COMP			↑		
194	-34	12:03	+02:29	64	5m	Sy 1 AGN!!
195	COMP			↑		
196	-35	12:04	+02:24	64	4m	
197	COMP			↑		
198	-36	12:04	+02:20	64	9m	huge cosmic ray ; em
199	COMP			↑		
200	-39	12:03	+02:18	64	6m	em+
201	COMP			↑		
202	-38	12:04	+01:56	64	5m	
203	COMP			↑		

60 inch Telescope Log

Observer: PB/BC

PI: Koranyi & Carter

Spectrograph: FAST

Grating: 3W2

Date: 2/22/98

Page: 6050

Number	Object	R.A.	Dec.	L/R	Exp	Comments
204	mkw4-39	12:05	+02:32	35	5m	
205	OMP			↑		
206	-40	12:06	+01:17	35	5m	
207	OMP			↑		
208	970602.19.576	11:44	+0:10	68	20m	pec. 950
209	OMP			↑		
210-211	H244			56	2m	
212	OMP			↑		
213	Z01012	11:14	+28:33	75	90s	
214	OMP			↑		
215	Z013723	11:14	+71:26	75	21m	
216	OMP			↑		
217	Z003700	11:14	+0:18	75	21m	pec ???
218	OMP			↑		
219	Z010103	11:14	+34:30	75	3m	
220	OMP			↑		
221	Z002672	11:15	+34:02	75	2m	
222	OMP			↑		
223	Z001969	11:17	+26:57	75	2m	
224	OMP			↑		
225	Z003470.5A.CAND	11:14	+30:48	75	10m	bm by 2 → New SN!!!
226	OMP			↑		4" W + 3" N of nucleus
227	Z007775	11:18	+30:24	75	3m	type II
228	Z008859	11:18	+30:23	75	2m	
229	OMP			↑		
230	Z006253	11:18	+26:57	75	4m	
231	OMP			↑		
232	Z00460	11:18	+28:15	75	4m	
233	OMP			↑		

60 inch Telescope Log

Observer: PSJ/K

PI: _____

Spectrograph: FAST

Grating: 30R

Date: 2/22/98

Page: 6051

Number	Object	R.A.	Dec.	L/R	Exp	Comments
234	Z004596	11:18	+28:13	75	2m	
235	COMP			↑		
236	Z013726	11:18	+28:31	75	2m	
237	COMP			↑		
238	Z022673	11:19	+28:39	75	10s	
239	COMP			↑		
240	Z028560	11:20	+30:30	75	10s	
241	COMP			↑		
242	Z004597	11:20	+27:13	75	5m	extended gal em+
243	COMP			↑		
244	Z011015	11:24	+27:10	75	2m	
245	COMP			↑		
246	SDSN25 p606	14:26	+60:25	6	10m	
247	COMP			↑		
248	ngal - 387	14:37	+42:57	73	9m	gal aligned with slit, * to E. slit
249	COMP			↑		
250	ngal - 388	14:38	+42:59	73	9m	30
251	COMP			↑		
252	ngal - 400	14:48	+42:36	73	14m	61
253	COMP			↑		
254	MRK 279			6	3m	7
255	COMP			↑		
256	N 7548	14:15	+25:22	6	3m	9
257	COMP			↑		
258, 259	BDp 332642	15:50	+33:05	56	1m	
260	COMP			↑		
261	AG Dra	16:01	+66:48	12	2s	
262	"	"	"	"	30s	
263	COMP			↑		
264-273	BIAS				0	
274-283	FLAT				6	
284-293	BIAS				0	
294-303	FLAT				12	bin by 2 ↓