

60 inch Telescope Log		Spectrograph: <u>FAST</u>		Page: <u>7354</u>		
Observer: <u>PBerline</u>		Grating: <u>300L</u>				
PI: <u>Kirshner</u>		Date: <u>5/15/99</u>				
Number	Object	R.A.	Dec.	L/R	Exp	Comments
1-10	DARK				15m	
11-20	BIAS				0s	clear skies!
21-30	FLAT				7s	
31-40	BIAS				0s	
41-50	FLAT				14s	
51-55	sky	zenith		S9	2s	
56	WMP			↑	5s	
57-58	Feige 34	10:24	+42:21	S6	90s	
59	WMP			↑		
60	N3379	10:45	+1250	S7	90s	
61	WMP			↑		
62	NGC 110.154	11:01	+10:13	S9	5m	
63	WMP			↑		
64	.154	11:01	+10:41	S9	6m	
65	WMP			↑		
66	.155	11:01	+10:17	S9	5m	
67	WMP			↑		
68	.157	11:01	+09:47	S9	3m	
69	WMP			↑		
70	SN 1999ae	08:27	+71:29	Z	20m	PA=66
71	WMP			↑		
72,74	SN 1999bg	09:21	+51:10	Z	7m	PA=100
73,75	WMP			↑		
76,78,80,82	SN 1999bs	11:46	+17:28	Z	20m	PA=90
77,79,81,83	WMP			↑		
84	H244	13:21	+26	S6	2m	PA=90
85	WMP			↑		
86	SN 1999cd	11:21	+20:09	Z	20m	
87	WMP			↑		

60 inch Telescope Log

Observer: PBPI: And.Spectrograph: FASTGrating: 300RPage: 7355Date: 5/15/99

Number	Object	R.A.	Dec.	L/R	Exp	Comments
88	Mrq b177.313	12:04	+20:19	S9	4m	
89	COMP			↑		
90	.314	12:04	+20:23	S9	7m	
91	COMP			↑		
92	.316	12:04	+20:11	S9	10m	
93	COMP			↑		
94	.318	12:04	+20:11	S9	7m	
95	COMP			↑		
96	.320	12:04	+20:15	S9	6m	
97	COMP			↑		
98	.321	12:04	+20:25	S9	4m	
99	COMP			↑		
100	.327	12:04	+20:23	S9	6m	
101	COMP			↑		
102	.329	12:04	+19:55	S9	10m	
103	COMP			↑		
104	.330	12:04	+19:52	S9	6m	
105	COMP			↑		
106	.334	12:04	+21:14	S9	6m	
107	COMP			↑		
108	H244	13:21	+36	S6	2m	PA=90
109	COMP			↑		
110	SNIP90C	16:02	+37:21	Z	20m	
111	COMP			↑		
112-3	HBC259	16:25	-24:20	74	4m, 20s	
114	COMP			↑		
115	HBC260	16:26	-23:43	74	4m	
116	COMP			↑		
117	HBC262N	16:26	-24:45	74	10m	
118	COMP					

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Observer: <u>PB</u>				Grating: <u>300R</u>		Page: <u>7356</u>
PI: <u>Kenny & Ken</u>				Date: <u>5/15/99</u>		
Number	Object	R.A.	Dec.	L/R	Exp	Comments
119	HBC 2625	16:26	-24:45	74	10m	
120	COMP			↑		
121-2	HBC 2628	16:31	-24:27	74	4m, 30s	Li
123	COMP			↑		
124-5	HBC 272	17:10	-27:15	74	4m, 30s	bm by 2
126	COMP			↑		
127	HBC 639	16:26	-24:20	74	6m	Li
128	COMP			↑		
129	HBC 644SE	16:31	-24:04	74	4m	
130	COMP			↑		
131-2	HBC 649	16:34	-15:48	74	4m, 30s	
133	COMP			↑		
134	G 2199 c 097	16:22	+77:05	64	10m	
135	COMP			↑		
136	.110	16:34	+36:11	64	15m	
137	COMP			↑		
138	.101	16:34	+43:22	64	6m	
139	COMP			↑		
140	.102	16:36	+36:36	64	9m	
141	COMP			↑		
142	.103	16:36	+42:57	64	5m	
143	COMP			↑		
144	.104	16:36	+36:08	64	15m	
145	COMP			↑		
146	.106	16:36	+41:49	64	5m	
147	COMP			↑		
148	.107	16:36	+41:53	64	7m	
149	COMP			↑		
150	.112	16:38	+37:14	64	10m	
151	COMP			↑		

