

60 inch Telescope Log		Spectrograph: <u>FAST</u>		Page: <u>7284</u>		
Observer: <u>GALKINS</u>		Grating: <u>300L</u>				
PI: <u>Abi Huchra, Mahdavi</u>		Date: <u>4/12/99</u>				
Number	Object	R.A.	Dec.	L/R	Exp	Comments
1-10	DARK				15m	
11-20	BEARS				0s	
21-30	FLAT				6s	
31-40	BEARS				0s	
41-50	FLAT				12s	
51-55	sky			#57	2s	
56	comp			↑		
57	Feige 34	10 39	43 06	#56	90s	
58	comp			↑		
59	Feige 34	10 39	43 06	#56	90s	PA=64°
60	comp			↑		
61	N3227	10 23	19 52	#6	3m	
62	comp			↑		
63	N3327	10 47	13 59	#57	1m	
64	comp			↑		
65	2M062458	6 24	17 03	#68	20m	dusk (object west)
66	comp			↑		
67	2M062100	6 21	24 12	#68	13m	
68	comp			↑		
69	2M063218	6 32	17 12	#68	15m	
70	comp			↑		
71	SS26144.005	9 45	-4 29	#59	20m	
72	comp			↑		
73	SS26144.007	9 45	-4 29	#59	20m	
74	comp			↑		
75	SS26144.011	9 46	-5 31	#59	12m	
76	comp			↑		
77	SS26144.037	9 48	-5 09	#59	9m	
78	comp			↑		
79	SS26144.038	9 48	-5 49	#59	17m	

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Number	Object	R.A.	Dec.	L/R	Exp	Comments
80	comp			↑		
81	ss26144.039	9 48	-5 19	1559	13m	
82	comp			↑		
83	ss26144.087	9 51	-5 05	1559	4m	
84	comp			↑		
85	ss26144.088	9 51	-5 01	1559	12m	
86	comp			↑		
87	ss26144.085	9 51	-6 02	1559	9m	
88	comp			↑		
89	ss26144.089	9 51	-3 53	1559	7m	
90	comp			↑		
91	2m103396	10 33	14 49	1568	12m	
92	comp			↑		
93	2m103400	10 33	13 20	1568	11m	
94	comp			↑		
95	2m103549	10 35	21 31	1568	6m	
96	comp			↑		
97	2m103612	10 36	20 30	1568	6m	
98	comp			↑		
99	2m104414	10 44	14 06	1568	3m	
100	comp			↑		
101	2m104452	10 44	14 18	1568	6m	
102	comp			↑		
103	2m104528	10 45	14 16	1568	3.5m	
104	comp			↑		
105	2m104604	10 46	14 24	1568	4.5m	
106	comp			↑		
107	2m104633	10 46	16 05	1568	4m	
108	comp			↑		
109	2m104702	10 47	14 15	1568	8m	

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Spectrograph: FAST

Observer: CALVIN

Grating: 3000

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PI: Kochner, Koranyi, Rines, All

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Number	Object	R.A.	Dec.	L/R	Exp	Comments
110	comp			↑		
111	sn1999aa	12 01	14 05	" 2	10m	PA = 45°
112	comp			↑		
113	sn1999ba	12 03	62 29	" 2	10m	PA = 45°
114	comp			↑		
115	sn1999bc	13 00	2 29	" 2	20m	PA = 17°
116	comp			↑		
117	gwm3-i.026	14 31	24 36	" 35	13m	object east
118	comp			↑		
119	gwm3-i.027	14 29	25 02	" 35	10m	
120	comp			↑		
121	gwm3-i.028	14 31	24 14	" 35	20m	
122	comp			↑		
123	gwm3-i.030	14 28	26 55	" 35	12m	
124	comp			↑		
125	gwm3-i.032	14 31	25 34	" 35	10m	
126	comp			↑		
127	gwm3-i.035	14 30	24 11	" 35	12m	
128	comp			↑		
129	gwm3-i.036	14 32	24 23	" 35	13m	
130	comp			↑		
131	gwm3-i.039	14 25	27 18	" 35	15m	
132	comp			↑		
133	gwm3-i.040	14 32	25 28	" 35	20m	
134	comp			↑		
135	MRK279	13 52	69 18	" 6	3m	
136	comp			↑		
137	MS548	14 18	25 07	" 6	3m	
138	comp			↑		
139	z199c-006	16 09	40 03	" 64	17m	object east

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Observer: <u>CALKINS</u>			Grating: <u>300L</u>		Date: <u>4/19/99</u>	
PI: <u>Rinet, Huchra</u>						
Number	Object	R.A.	Dec.	L/R	Exp	Comments
140	comp			↑		
141	<u>a2199c.012</u>	16 11	36 57	#64	8m	
142	comp			↑		
143	<u>a2199c.013</u>	16 11	36 55	#64	6m	
144	comp			↑		
145	<u>a2199c.014</u>	16 11	38 12	#64	3.5m	
146	comp			↑		
147	<u>a2199c.015</u>	16 11	36 53	#64	8m	
148	comp			↑		
149	<u>a2199c.016</u>	16 11	37 27	#64	12m	
150	comp			↑		
151	<u>a2199c.017</u>	16 11	40 51	#64	13m	
152	comp			↑		
153	<u>a2199c.018</u>	16 11	42 57	#64	13m	
154	comp			↑		
155	<u>2m151841</u>	15 18	23 36	#68	8m	redo? Yew redo
156	comp			↑		
157	<u>BDP332642</u>	15 52	32 57	#56	1m	
158	comp			↑		
159-168	BIAS				0s	
169-178	FLAT				6s	
179-188	BIAS				0s	
189-198	FLAT				12s	
199-208	DARK				15m	

155- blue end is wierd - (down??)
redo - (but if der have H α)