

Fax to: Susan Tokarz
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60 inch Telescope Log

Observer: P. Berlin

PI: Scott

Spectrograph: FAST

Grating: 302

Date: 11/3/99

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Number	Object	R. A.	Dec.	L/R	Exp	Comments
1-6	DARK				15m	
7-20	FLAT blue				20s	f=580 clearing nicely!
21-30	BIAS				0s	+tilt=610.0 L
31-40	FLAT				7s	+tilt=610 (header wrong)
41-50	BIAS				0s	+tilt=610
51-60	FLAT				14s	+tilt=610 (header wrong)
61-65	sky			57	2s	
66	comp			f	5s	
67-69	HD 12251	20:10	+44	56	5s	
70	comp			f		
71-72	BDP 2124	21:48	+28:37	56	20s	
73	comp			f		
74	N 7331	22:21	+9:09	57	2m	
75	comp			f		
76-77	V 4116 Sp	17:57	-21:41	12	20, 10m	
78	comp			f		
79-80	AS 2710	18:05	-20:60	12	15s, 8s	
81	comp			f		
82-83	Hen 1591	18:07	-25:57	12	2m, 12m	
84	comp			f		
85	XTE J18578	18:58	+22:39	65	15m	
86	comp			f		
87	SN 1999el	20:37	+66:06	2	12m	PA=-30
88	comp			f		
89	Akn 569	22:42	+79:43	6	5m	PA=90 ↓
90	comp			f		
91	all 96067	00:59	-05:2	69	7m	
92	comp			f		
93	bb	00:59	-07:20	69	10m	
94	comp			f		

20/55

60 inch Telescope Log

Observer: PB
 PI: Rines + Geller

Spectrograph: FAST
 Grating: 300R
 Date: 11/3/99

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Number	Object	R. A.	Dec.	L/R	Exp	Comments
95	g1196_061	00:58	-00:13	64	7m	PA=90 ↓
96	COMP			↑		
97	062	00:57	-00:51	64	7m	
98	COMP			↑		
99	063	00:50	-00:07	64	12m	
100	COMP			↑		
101	064	00:56	-00:35	64	10m	
102	COMP			↑		
103	065	01:04	-00:38	64	10m	
104	COMP			↑		
105	Ferzello	23:17	-05:	56	2m	PA=4
106	COMP			↑		
107	068	01:06	-00:34	64	12m	PA=90 ↓
108	COMP			↑		
109	058	00:46	-00:42	64	12m	
110	COMP			↑		
111	059	01:00	-00:47	64	6m	
112	COMP			↑		
113	060	00:57	-00:34	64	7m	
114	COMP			↑		
115	057	00:59	-00:59	64	7m	
116	COMP			↑		
117	051	01:01	-00:25	64	5m	
118	COMP			↑		
119	052	01:07	-00:37	64	12m	
120	COMP			↑		
121	053	01:07	-00:22	64	12m	
122	COMP			↑		
123	054	01:05	-00:58	64	7m	
124	COMP			↑		

60 inch Telescope Log

Observer: PB

PI: Bragg / Keayon

Spectrograph: FAST

Grating: 302L

Date: 11/3/99

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Number	Object	R.A.	Dec.	L/R	Exp	Comments
125	01196-055	0103	-60:35	64	7m	
126	WMP			↑		
127	056	0056	-60:23	64	5m	
128	WMP			↑		
129	SN1999c	01:22	+55:27	2	20m	
130	WMP			↑		
131	021823p573	02:18	+57:13	83	7m	
132	WMP			↑		
133	021838p574	02:18	+57:11	83	12m	super faint * to E/W want * @ row 41
134	WMP			↑		
135	021840p575	02:18	+57:07	83	7m	1
136	WMP			↑		
137	021840p574	02:18	+57:11	83	6m	* to E
138	WMP			↑		
139	021840p576	02:18	+57:16	83	6m	
140	WMP			↑		
141	021841p572	02:18	+57:02	83	7m	
142	WMP			↑		
143	021841p5709	02:18	+57:09	83	7m	but * to E
144	WMP			↑		
145	021841p5706	02:18	+57:06	83	12m	
146	WMP			↑		
147	021841p5709	02:18	+57:09	83	6m	
148	WMP			↑		
149	021842p572	02:18	+57:12	83	7m	
150	WMP			↑		
151	021842p5715	02:18	+57:15	83	6m	
152	WMP			↑		
153	021843p5706	02:18	+57:06	83	5m	
154	WMP			↑		

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Observer: <u>PB</u>		Grating: <u>3WR</u>		Date: <u>11/3/99</u>		
PI: <u>Bragg et al</u>						
Number	Object	R.A.	Dec.	L/R	Exp	Comments
155	021844p5706	02:18	+5706	83	5m	
156	COMP			↑		
157	021844p5712	02:18	+5712	83	6m	
158	COMP			↑		
159	021844p5714	02:18	+5714	83	8m	*'s to E+W
160	COMP			↑		
161	021846p5720	02:18	+5720	83	1m	
162	COMP			↑		
163	021846p5712	02:18	+5712	83	4m	
164	COMP			↑		
165	021847p5703	02:18	+5703	83	4m	SE * to W
166	021847p5703	02:18	+5703	83	3m	NW
167	COMP			↑		
168	021848p5704	02:18	+5704	83	11m	
169	COMP			↑		
170	021848p5712	02:18	+5712	83	5m	
171	COMP			↑		
172	COMP			↓		48"
173-175	SN1999em	04:41	-0251	2	5m	PA=0
176	COMP			↑		
177	COMP			L		tilt=580.0
178-180	SN1999em blue	"	"	2	5m	PA=050
181	COMP			↑		
182	H214. blue	04:41	+1059	56	8m	PA=20
183	COMP			↑		
184	05766-001	07:29	+5178	69	20m	tilt=610.0 PA90↓
185	COMP			↑		

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Observer: <u>PB</u>		Grating: <u>300L</u>		Date: <u>11/3/99</u>		
PI: <u>RimskyGeller</u>						
Number	Object	R.A.	Dec.	L/R	Exp	Comments
186	a5766-08	07:29	+55:31	64	6m	
187	WMP			↑		
188	019	07:14	+57:03	69	15m	+ in slit to W but sky
189	WMP			↑		CZ ok off W
190	020	07:26	+57:11	64	5m	
191	WMP			↑		
192	028	07:31	+55:31	64	7m	PA=20 to avoid bot
193	WMP			↑		
194	032	07:14	+54:51	69	15m	PA=90 ↓ HD opt 215Z
195	WMP			↑		
196	033	07:24	+54:33	64	7m	
197	WMP			↑		
198	634	07:13	+55:50	64	8m	should have been longer
199	WMP			↑		
200	035	07:27	+55:31	64	8m	* to W
201	WMP			↑		
202	036	07:29	+56:44	69	7m	
203	WMP			↑		
204	037	07:17	+54:18	69	8m	
205	WMP			↑		
206	038	07:13	+54:47	64	8m	
207	WMP			↑		
208	ZM5071804	07:18	+68:20	88	2m	
209	WMP			↑		
210	ZM5071940	07:19	+60:17	88	3m	W comp also in slit
211	WMP			↑		
212	ZM5075606	07:56	+19:12	88	2m	
213	WMP			↑		
ZM216	BX Mon	07:25	-03:35	12	10s-90s	
217	WMP			↑		

60 inch Telescope Log

Observer: PB
 PI: Falco et al

Spectrograph: FAST
 Grating: 300L
 Date: 11/3/99

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Number	Object	R. A.	Dec.	L/R	Exp	Comments
218	ZMJ075626	07:56	+51:16	88	3m	
219	WMP			↑		
222	ZMJ075816	07:58	+52:10	88	3m	
223	WMP			↑		
224	ZMJ080430	08:04	+15:29	88	2m	
225	WMP			↑		
226	ZMJ081625	08:16	+25:59	88	2m	
227	WMP			↑		
228	ZMJ081023	08:10	+42:16	88	2m	
229	WMP			↑		
230	ZMJ080058	08:00	+41:39	88	2m	PREMS to avoid supt
231	WMP			↑		
232	ZMJ074107	07:41	+51:07	88	3m	
233	WMP			↑		
234-6	HDS2971	06:59	+27	69	5s	
237	WMP			↑		clear & dawn!
238-247	ISAS				0s	~
248-257	FLAT				7s	
258-267	ISAS				0s	
268-277	FLAT				14s	
278-286	DARK				20m	
287						