

** Start of FAST Run **

60 inch Telescope Log
 Observer: P. Berlin
 PI: Scott

Spectrograph: FAST
 Grating: 300R
 Date: 10/1/99

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Number	Object	R.A.	Dec.	L/R	Exp	Comments
1-10	BPMs				0s	
11-20	FLAT				7s	clear & hazy
21-30	BPMs				0s	
31-40	FLAT				Ms	
41-50	sky	zenith		S7	2s	looks good!
46	FLAT			↑		
47-51	HDM22SL	19:20	+10	S6	5s	
52	COMP			↑		
53-58	GMSgr	18:19	-25:29	99	4m	1.5" slit ; PA=15°
59,59	COMP			↑		
60-61	V2415gr	17:59	-21:41	12	30s, 10m	3" slit
62	COMP			↑		
63-65	FD1549A1	17:06	+23:58	12	1s-10s	
66	COMP			↑		
67-69	VX Her	18:11	+20:59	12	5s, 2m, 15s	
70				↑		
71-73	V443 Her	18:22	+23:27	12	5s-3m	
74	COMP			↑		poor seeing
75-77	FN Sgr	18:53	-18:59	12	1m, 1s, 5m	PA=24
78	COMP			↑		
79-81	V995gr	19:03	-16:59	12	1s, 8m, 1m	PA=24
82	COMP			↑		del. @ 18"
83-85	BFLgr	19:23	+29:40	12	3s, 5m	PA=90
86	COMP			↑		
87-90	CHCgr	19:24	+50:14	12	1-10s	PA=90
91	COMP			↑		
92-94	HMSgr	19:41	+16:47	12	1s-1m	PA=45
95	COMP			↑		

60 inch Telescope Log			Spectrograph: <u>FAST</u>		Page: <u>7595</u>	
Observer: <u>PB</u>			Grating: <u>300R</u>			
PI: <u>Kenyon</u>			Date: <u>10/1/99</u>			
Number	Object	R.A.	Dec.	L/R	Exp	Comments
96-97	ASXO	19.75	+18.76	12	10s, 5m	PA=45
98	COMP			↑		
99-102	PAWnt	20.21	+21.34	12	0.5s-2m	PA=45
103	COMP			↑		
104-107	V1016Cyg	19.57	+31.19	12	1s-2m	PA=90
108	COMP			↑		
109-111	HeZm 467	20.35	+10.11	12	5s-10m	PA=35
112	COMP			↑		
113-115	HeZm 468	20.41	+31.19	12	1m/2m	PA=90
116	COMP			↑		
117-119	V1325Cyg	20.51	+35.34	12	10s, 12m	
120	COMP			↑		
121-123	V1407Cyg	21.02	+45.46	12	10s, 4m	
124	COMP			↑		
125-129	KePeg	21.51	+12	12	0.5s-15s	
129	COMP			↑		
130-132	S190	21.41	+02.43	12	5s, 1m	PA=90
133	COMP			↑		
134-135	S190	"	"	12	5s, 1m	PA=15
136	COMP			↑		
137-138	S180	20.39	-05.17	12	1m, 10m	PA=15
139	COMP			↑		
140-141	S169	19.49	+46.45	12	12m	PA=90
142	COMP			↑		
143	Z208p0531	22.08	+15.51	57	5m	
144	COMP			↑		
145-147	ZAnd	23.35	+48.49	12	1s-90s	
148	COMP			↑		
149-151	EZAnd	00.44	+40.40	12	1-15s	
152	COMP			↑		

60 inch Telescope Log

Observer: PB

PI: Ken

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Number	Object	R.A.	Dec.	L/R	Exp	Comments
153-	M32	10:39	+1035	57	30s	
154	COMP			f		
155	158m23	02:40	+1050	57	5m	
156	COMP			f		
157.161	RAA	2343	-1517	12	15-30s	
162	COMP			f		
163	g119-120	0057	-0220	64	7m	
164	COMP			f		
165	118	0046	-0776	67	7m	
166	COMP			f		
167	121	0053	+0148	69	8m	
168	COMP			f		
169	123	0048	-0131	64	4m	
170	COMP			f		
171	125	0056	+1040	64	5m	
172	COMP			f		
173	126	0055	-0134	64	4m	
174	COMP			f		
175	127	0051	-0209	64	10m	
176	COMP			f		
177	130	0003	-0334	64	10m	
178	COMP			f		
179	132	0088	-0202	64	5m	
180	COMP			f		
181	133	0056	+1002	64	5m	
182	COMP			f		
183	134	0102	-0447	64	6m	
184	COMP			f		
185	135	0104	+1051	64	5m	
186	COMP			f		

60 inch Telescope Log

Observer: PB

PI: Ken

Spectrograph: FAST

Grating: 300L

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Number	Object	R.A.	Dec.	L/R	Exp	Comments
187	a119-176	0102	-0241	64	5m	
188	COMP			↑		
189	138	0046	-0409	64	10m	
190	COMP			↑		
191	139	0101	-0254	64	5m	
192	COMP			↑		
193	140	0056	+0201	64	5m	
194	COMP			↑		
195	141	0106	-0157	64	5m	
196	COMP			↑		
197	142	0046	-0355	64	10m	
198	COMP			↑		
199	143	0056	-0301	64	7m	
200	COMP			↑		
201	144	0056	-0340	64	4m	
202	COMP			↑		
203	145	0045	-0200	64	6m	
204	COMP			↑		
205	147	0057	-0237	64	5m	
206	COMP			↑		
207	148	0057	-0302	64	5m	
208	COMP			↑		
209	146	0109	-0135	64	12m	LSB
210	COMP			↑		
211	149	0049	-0407	64	4m	
212	COMP			↑		
213	151	0104	-0207	64	5m	
214	COMP			↑		
215	152	0046	+0041	64	4m	
216	COMP			↑		

60 inch Telescope Log

Observer: PB
 PI: Ken & Andi

Spectrograph: FAST

Grating: 300R

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Number	Object	R.A.	Dec.	L/R	Exp	Comments
217	all9_154	00:59	+10:25	64	4m	
218	COMP			f		
219	156	00:51	-07:02	64	4m	
220	COMP			f		
221	153	00:59	+10:45	64	4m	
222	COMP			f		
223	155	00:41	-02:19	64	10m	
224	COMP			f		
225	sig 5063220	00:20	+21:30	59	4m	
226	COMP			f		
227	221	00:20	+23:08	59	4m	
228	COMP			f		
229	224	00:20	+27:08	59	4m	
230	COMP			f		
231	225	00:20	+22:31	59	4m	
232	COMP			f		
233	227	00:20	+22:35	59	4m	2 clumps, com
234	COMP			f		
235	229	00:20	+21:57	59	4m	Sup *?
236	COMP			f		
237	231	00:20	+22:13	59	10m	
238	COMP			f		
239	234	00:20	+21:22	59	2m	
240	COMP			f		
241	235	00:20	+22:22	59	4m	
242	COMP			f		
243	237	00:20	+21:51	59	2m	
244	COMP			f		
245	235	00:21	+22:35	59	2m	
246	COMP			f		

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Number	Object	R. A.	Dec.	L/R	Exp	Comments
247	SN 1999dg	02:37	+52:58	Z	20m	PA = 58°
248	COMP			↑		
249	HZ 14	01:41	+10:59	S ₀	5m	PA = -8°
250	COMP			↑		
251-253	AN Per	01:36	+54:15	12	10s, 5m S ₀	
251	COMP			↑		
255-6	V 741 Per	01:58	+52:53	12	10s, 5m	
257	COMP			↑		
258	02:22 p 5706	02:21	+57:06	83	5m	
255	COMP			↑		
260	02:22 p 5713	02:21	+57:13	83	5m	
261	COMP			↑		
262	02:21 p 5712	02:21	+57:12	83	5m	
263	COMP			↑		
264	02:22 p 5701	02:21	+57:01	83	5m	
265	COMP			↑		
266	02:22 p 5713	02:21	+57:13	83	5m	
267	COMP			↑		
268-269	G 191 B 2 B	04:01	+52:45	S ₆	2m	
270	COMP			↑		
271	02:22 p 5714	02:21	+57:14	83	5m	
272	COMP			↑		
273	02:22 p 5702	02:21	+57:02	83	4m	
274	COMP			↑		
275	02:22 p 5704	02:21	+57:04	83	4m	
276	COMP			↑		
277	02:22 p 5717	02:21	+57:17	83	1m	
278	COMP			↑		
279	02:23 p 5712	02:21	+57:12	83	2m	
280	COMP			↑		

60 inch Telescope Log

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 PI: AM

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Number	Object	R. A.	Dec.	L/R	Exp	Comments
288	02231850L	0521	+5706	83	1m	
289	COMP			↑		
289-291	HD 27862	0349	74	57	2s	
289	COMP			↑		
289-91	HD 28159	0349	32	59	2s	
292	COMP			↑		
293-95	HD 24534	0355	31	57	2s	
296	COMP			↑		
297-299	HD 26906	0417	+46	59	2s	
300	COMP			↑		
301-303	HD 25361	0401	58	59	2s	
304	COMP			↑		
305-308	HD 25878	0408	53	57	2s	
309	COMP			↑		
310-311	BIPAS				0s	
312-301	FLAT				7s	
313-314	BIPAS				0s	
315-319	FLAT				14s	
320-321	FLAT				10s	1.5" slit
322-325	DARK				15m	
						clear & dawn