

60 inch Telescope Log

Observer: DR Berlin

Pl: Scott

Spectrograph: FAST

Grating: 300R

Date: 10/2/99

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Number	Object	R.A.	Dec.	L/R	Exp	Comments
1-10	DARK				15m	
11-20	FLAT				15s	1.5" slit.
21-30	FLAT				2s	
31-40	FLAT				7s	3" slit ↓
41-50	FLAT				2s	
51-60	FLAT				14s	clear skies!
61-65	sky	Zenith		59	2s	
66	COMP			↑		
67-69	HD 165206	17:40	-10	59	2s	
70	COMP			↑		
71-73	HD 166734	17:40	-10	59	2s	
74	COMP			↑		
75-77	HD 167196	17:40	-10	59	2s	
78	COMP			↑		
79-81	Hen 1341	17:08	-17:26	12	5s-2m	PA=34
82	COMP			↑		
83-85	M 102	17:34	-19:09	12	10s-10m	PA=34
86	COMP			↑		
87-89	RSDph	17:50	-06:42	12	5s-2m	
90	COMP			↑		
91-94	X40ph	17:43	-06:16	12	1s-20s	
95	COMP			↑		
97-100	GMS 9	18:19	-25:21	99	4m	1.5" slit! PA=25
96, 101	COMP			↑		
102-104	HD 192761			80	5s	3" slit PA=90
105	COMP			↑		
106-107	G 9 OBZ * 9	20:31	+11:01	56	30s	
108	COMP			↑		

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Number	Object	R. A.	Dec.	L/R	Exp	Comments
109-	Wolke 1346	20:22	+24:53	SG	3m	
110	COMP			↑		
111-113	S149	18:18	+27:26	12	5, 5, 2, 2m	
114	COMP			↑		
115-116	RJ 105	18:35	+01:46	12	2m, 2m	PA=30
117	COMP			↑		
118-119	D05er	18:44	05:02	12	1m, 12m	
120	COMP			↑		
121-123	CM 141	19:03	-03:03	12	10s, 7m, 50s	
124	COMP			↑		
125-126	S164	19:28	-06:03	12	10s, 12	
127	COMP			↑		
128-129	V1413A1	19:03	+16:26	12	6m	PA=60
130	COMP			↑		
131	MRK 509	20:44	-10:43	6	4m	PA=20
132	COMP			↑		
133	AKN 564	22:42	+29:43	6	5m	PA=90
134	COMP			↑		
135	MRK 355	00:06	+22:12	6	4m	
136	COMP			↑		
137	SG 6063.191	00:15	+27:29	59	10m	
138	COMP			↑		
139	195	00:16	+27:26	59	5m	
140	COMP			↑		
141	197	00:16	+27:16	59	4m	Star to W
142	COMP			↑		
143	198	00:16	+27:31	59	2m	
144	COMP			↑		
145	200	00:17	+27:35	59	5m	em
146	COMP			↑		

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 PI: Andi

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Number	Object	R. A.	Dec.	L/R	Exp	Comments
147	Star 063.201	00:17	+23:18	59	4m	PA=90
148	COMP			↑		
149	202	00:17	+23:15	59	5m	
150	COMP			↑		
151	204	00:18	+23:08	↑	4m	
152	COMP			59		
153	205	00:18	+23:09	59	4m	
154	COMP			↑		
155	203	00:18	+23:01	59	5m	
156	COMP			↑		
157	206	00:19	+23:28	59	4m	
158	COMP			↓		
159	208	00:19	+23:46	59	2m	
160	COMP			↑		
161	214	00:20	+23:40	59	2m	
162	COMP			↑		
163	207	00:19	+23:45	59	5m	
164	COMP			↓		
165	Fagello	23:17	-05:26	56	3m	PA=6
166	COMP			↑		
167	N7469	23:03	+08:52	6	25m	PA=6
168	COMP			↑		
169	g119-158	01:00	-02:07	64	4m	PA=90
170	COMP			↓		
171	157	01:01	-03:04	64	6m	bin by 2 close pair
172	COMP			↑		
173	159	00:59	+23:29	64	4m	
174	COMP			↓		
175	160	01:02	-02:43	64	5m	
176	COMP			↑		

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 PI: Ken

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Number	Object	R.A.	Dec.	L/R	Exp	Comments
177	a119-163	00:56	+02:41	64	5m	
178	COMP			↑		
179	164	01:06	-02:20	64	4m	
180	COMP			↑		
181	165	01:06	+01:35	64	5m	
182	COMP			↑		
183	SN 1964	01:13	+01:23	2	22m	3 rd SN here in 4 years!
185	COMP			↑		PA=26
186	168	00:49	+01:20	64	4m	PA=90
187	COMP			↑		
188	171	00:53	-03:03	64	6m	to to W
189	COMP			↑		
190	173	01:03	-01:47	64	4m	
191	COMP			↑		
192	174	00:51	-03:21	64	5m	
193	COMP			↑		
194	176	01:03	-02:20	64	5m	
195	COMP			↑		
196	175	01:03	-04:31	64	10m	
197	COMP			↑		
198	177	01:05	-01:17	64	4m	
199	COMP			↑		
200	178	00:59	-01:53	64	5m	
201	COMP			↑		
202	179	00:40	-01:31	64	4m	
203	COMP			↑		
204	180	01:02	+02:25	64	5m	
205	COMP			↑		
206	181	00:40	-02:17	64	4m	
207	COMP			↑		

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Number	Object	R. A.	Dec.	L/R	Exp	Comments
204	g119-182	00:56	-03:46	64	4m	
209	COMP			↑		
210	183	00:49	-02:57	64	7m	
211	COMP			↑		
212	184	00:55	-03:36	64	4m	
213	COMP			↑		
214	185	00:51	-04:33	64	4m	
215	COMP			↑		
216	186	00:53	-04:17	64	4m	
217	COMP			↑		
218	189	01:05	+00:14	64	7m	
219	COMP			↑		
220	190	01:05	-04:16	64	5m	
221	COMP			↑		
222	191	00:49	+01:33	64	5m	
223	COMP			↑		
224	198	00:44	-03:06	64	12m	ok em
225	COMP			↑		
226	194	00:46	-01:44	64	6m	
227	COMP			↑		
228	193	01:07	+00:47	64	4m	
229	COMP			↑		
230	197	01:06	-04:32	64	4m	
231	COMP			↑		
232	214	01:09	-04:02	64	4m	
233	COMP			↑		
234	208	01:10	-02:54	64	4m	
235	COMP			↑		
236	SN1999dq	02:33	+02:58	2	20m	PA=51
237	COMP			↑		

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PI: <u>Sest</u>						
Number	Object	R.A.	Dec.	L/R	Exp	Comments
272	02248, 5705	0224	+5705	83	7m	
273	COMP			↑		
274	022157p5712	0221	+5712	83	90s	
275	COMP			↑		
276	022140p570	0221	+5701	83	3m	
277	COMP			↑		
278	022140p5712	0221	+5712	83	2m	
279	COMP			↑		
280	022144p5712	0221	+5712	83	2m	
281	COMP			↑		
282-284	HD12623	02:02	+62	59	5s	
285	COMP			↑		
286-288	BIAS				0s	
289-290	FLAT				7s	
291-293	BIAS				0s	
294-295	FLAT				15s	
296-335	DARK				20m	
						clear @ dawn

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Number	Object	R.A.	Dec.	L/R	Exp	Comments
238-240	532	04:37	-01:19	12	10s, 12m	
241	COMP			↑		
242	022226p57114	02:21	+57:11	83	10m	* to E
243	COMP			↑		
244	022227p5707	02:21	+57:07	83	6m	
245	COMP			↑		
246	022228p5708	02:21	+57:08	83	3m	
247	COMP			↑		
248	022228p5710	02:21	+57:10	83	4m	
249	COMP			↑		
250	022229p5714	02:21	+57:14	83	5m	
251	COMP			↑		
252	022230p5710	02:21	+57:10	83	4m	
253	COMP			↑		
254	022231p5705	02:21	+57:09	83	4m	
255	COMP			↑		
256	022231p5712	02:21	+57:12	83	2m	
257	COMP			↑		
258	022233p5703	02:21	+57:03	83	3m	
259	COMP			↑		
260	022233p5710	02:21	+57:13	83	2m	
261	COMP			↑		
262	022236p5703	02:21	+57:03	83	2m	
263	COMP			↑		
264.5	SN 1950 2207	06:16	-21	2	4m	NON-SN
266	COMP			↑		
267	H2M	04:44	-10:59	56	5m	PA=20
268	COMP			↑		
269D	G911D20	05	+50	56	2m	PA=12
271	COMP			↑		