

60 inch Telescope Log

Observer: P Berlin

PI: Betsy

Spectrograph: FAST

Grating: 300R

Date: 6/7/99

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Number	Object	R.A.	Dec.	L/R	Exp	Comments
1-10	DARK				15m	
11-20	BIAS				0s	
21-30	FLAT				7s	Clear skies!
31-40	BIAS				0s	
41-50	FLAT				14s	
51-55	SKY	Zenith			1s	
56	COMP				5s	
57-58	Forn 34	10:30	+43	56	90s	PA=160
59	COMP			↑		
60	N3579	10:30	+12	57	90s	
61	COMP			↑	10s	
62	neg 110.167	11:	+10	59	4m	
63	COMP			↑		
64	.170	11:05	+11:04	59	4m	
65	COMP			↑		
66	.171	11:05	+11:11	59	12m	
67	COMP			↑		
68	neg 1152	11:40	+1743	73	8m	
69	COMP			↑		
70	-153	11:40	+1745	73	8m	
71	COMP			↑		
72	-114	10:50	+10:44	73	15m	
73	COMP			↑		
74	-116	10:50	+10:45	73	12m	
75	COMP			↑		
76	-118	10:51	+14:01	73	15m	
77	COMP			↑		
78	-119	10:51	+17:56	73	10m	
79	COMP			↑		
80						

*[Handwritten signature]*

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Number	Object	R.A.	Dec.	L/R	Exp	Comments
80	H244	13:36	+76	56	2m	PA=98 tilt=6100
81	COMP			↑		shutter open? COMP BAD
82	H244	"	"	56	2m	tilt=585!
83	COMP			↑		extra blue
84,86	SN1999cl	12:31	+14:25	2	10m	PA=59 ↓
85,87	COMP			↑		highly extinguished; little blue
88	SN1999cm	15:41	+61:07	2	20m	PA=0 tilt=610 good one
89	COMP			↑		
90	royal 291-292	13:35	+10:41	73	20m	PA=17 E ← p → W 292 ↓ 291 ↓
91	COMP			↑		row=91 row=71
92	royal 266	13:01	+27:53	73	8m	
93	COMP			↑		
94	267	13:01	+27:50	73	8m	
95	COMP			↑		
96	281	13:24	+36:22	73	8m	
97	COMP			↑		
98	282	13:25	+36:26	73	20m	
99	COMP			↑		
100	283	13:25	+36:23	73	8m	
101	COMP			↑		
102	299	13:47	+33:53	73	20m	
103	COMP			↑		
104	300	13:47	+33:52	73	15m	
105	COMP			↑		
106	323	13:58	+37:27	73	7m	
107	COMP			↑		
108	324	13:58	+37:25	73	9m	
109	COMP			↑		

BAD COMP →

USED FILE 79 AS COMP FOR FILE 80  
(VELOCITY SHOULDN'T MATTER)

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Number	Object	R. A.	Dec.	L/R	Exp	Comments
110	SN1999ac	16:07	+07:58	Z	20m	PA=48
111	OMP			r		
112	NGC 402	14:51	+43:38	73	15m	
113	OMP			r		
114	403	14:52	+43:43	73	20m	
115	OMP			r		
116	437	15:26	+41:40	73	8m	
117	OMP			r		
118	438	15:26	+41:40	73	8m	
119	OMP			r		
120	ZM17359.0	17:31	+18:40	68	12m	A's for Zmass... delay
121	OMP			r		
122	ZM173202.5	17:32	+17:56	68	10m	
123	OMP			r		
124	ZM173215.7	17:32	+17:06	68	10m	+ to E
125	OMP			r		
126	ZM173332.2	17:33	+17:34	68	15m	
127	OMP			r		
128	ZM173638.4	17:36	+22:05	68	12m	
129	OMP			r		
130	ZM173750.8	17:37	+22:41	68	10m 7m	
131	OMP			r		
132	ZM174804.5	17:44	+23:43	68	5m	wh hck.
133	OMP			r		
134-143	BIAS				0s	Saurabh does not want flats @ blue tilt.
144-153	FLAT				7s	
154-163	BIAS				0s	
164-173	FLAT				14s	Clear @ Dawn
174-183	DARK				15m	