

60 inch Telescope Log
 Observer: CALKINS
 PI: All, Kirchner, Scott
 Spectrograph: FAST
 Grating: 300L
 Date: 7/17/98
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Number	Object	R.A.	Dec.	L/R	Exp	Comments
1-10	DARK					Binby 4
11-20	BIAS				0s	
21-30	FLAT				7s	
31-40	BIAS				0s	Binby 2
41-50	FLAT				14s	
51-60	FLAT				25s	Binby 4, 1.1" slit
61-65	sky			S7	2s	3" slit (7:45 pm)
66	comp			↑	7s	Big cell just west
67, 68	AG Dra	16 01	66 48	#12	2, 25s	
69	comp			↑		
70	PG1708p602	17 09	60 09	#56	5m	
71	comp			↑		
72	NS 866	15 06	55 45	#57	3m	dust lane
73	comp			↑		
74	N1051	12 03	44 32	#6	4m	doubled exp time
75	comp			↑		for clouds
76	MRK 279	13 53	69 18	#6	4m	
77	comp			↑		
78	NS 548	14 17	25 08	#6	3m	
79	comp			↑		
80	SN1998ag	11 56	55 08	#2	10m	binby 2, galaxy to ea
81	comp			↑		
82, 83	Feige 66	12 37	25 03	#56	30s	Note: tried to get
84	comp			↑		Alexy's gal #1 a
85	MRK 501	16 53	39 45	#6	5m	couple of times hit
86	comp			↑		wx interfered
87	comp			↓	10s	1.1" slit
88, 89	4U1907p09	19 09	09 49	#77	20m	(in aout of clouds
90	comp			↑		stopped exp numer
91, 92	HD230579	19 04	11 05	S77	10, 20s	times)

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PI: McClintock, Huebra

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Number	Object	R.A.	Dec.	L/R	Exp	Comments
93	comp			↑		
94,95	CIGy	19 50	35 40	#12	1,30s	
96	comp			↑		
97	DM183908.lpl	18 39	16 23	#68	20m	objects to east-west
98	comp			↑		clouds present
99	24192255.6p2	19 22	20 17	#68	15m	$\alpha = 15^\circ (75^\circ)$ to west
100	comp			↑		object to west
101	DM191702.lp2	19 17	23 31	#68	15m	•• ← double object
102	comp			↑		
103	sr96013.053	22 46	11 15	#59	15m	clouds
104	comp			↑		
105	sr96013.054	22 46	11 01	#59	10m	object to west
106	comp			↑		
107	sr96013.055	22 46	11 57	#59	10m	
108	comp			↑		clouded out hole!
109	sn1998co	21 47	-13 10	#2	15m	binby 2, star to west
110	comp			↑		
111	2247p0337	22 47	3 38	#80	20m	
112	comp			↑		
113,114	AGPeg	21 51	12 38	#12	6,12s	
115	comp			↑		
116,117	zAnd	23 33	48 49	#12	2,30s	
118	comp			↑		
119	M7469	23 03	8 52	#6	2.5m	star to east
120	comp			↑		
121	HD217086	22 56	62 43	#56	4s	
122	comp			↑		
123	N7331	22 37	34 24	#57	4m	
124	comp			↑		

99 STAR (also there is a star to W)

101 - very difficult to separate - but both are probably stars
 NOT sure if separated very well (extracted 5 trace)

