

60 inch Telescope Log

Observer: TOKAN?PI: HUCHRA + FAST GROUPSpectrograph: FASTGrating: 300Page: 2858Date: 3/15/94

Number	Object	R.A.	Dec.	L/R	Exp	Comments
1-10	BIAS					
11	COMP					TEST
12-14	FLAT				15	
16	EG 50				30 ^s	
17	COMP					
18	05575p6523				3 ^m	H α
19	COMP					
20	06109p6427	05 57 30	65 23		3 ^m	H α
21	COMP					
22	06425p5309	06 42 30	53 09		5 ^m	H α
23	COMP					
24	07042p5616	07 04 12	56 16		5 ^m	H α COLL
25	COMP					
26	07074p5116	07 07 24	51 16		5 ^m	H α
27	COMP					
28	070848p5602	07 08 48	56 02		5 ^m	screening H α
29	COMP					
30	07100p5507	07 10 00	55 07		7 ^m	A on chart
31	COMP			↕		
32	07103p5514	07 10 18	55 14		5 ^m	H α B on chart
33	07104p5500	07 10 24	55 00		5 ^m	A on chart H α +
34	COMP			↕		
35	07105p5501	07 10 30	55 01		5 ^m	B on chart - diffuse
* 36	07144+5227	07 14 24	52 27		5 ^m	low surface brightness G A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z
37	COMP			↑		
38	07578+1350	07 57 48	13 50		4 ^m	
39	COMP			↑		
40	07509+1328	07 50 54	13 28		4 ^m	H α (high)
41	COMP			↑		
42	07544p1044	07 54 24	10 44		5 ^m	

* could not see object; screen began to lock up
 redo - (may be total garbage)

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Number	Object	R.A.	Dec.	L/R	Exp	Comments
43	COMP			↓		
44	07544 p1044	075424	10 44	1	5m	
45	07553 p1027	075518	10 27	1	4m	
46	COMP					
47	07592 p0946	075912	09 46	1	5m	A on chart reversed cov
48	COMP			↓		
49	07593 p0949	075918	09 49	1	5m	B on chart #2
50	08210 p0000N	08 21 00	00 00	1	4m	N on chart
51	COMP			↓		
52	08210 p0000S	08 21 00	00 00	1	5m	S on chart HX
53	08511 p0144	08 51 06	01 44	1	4m	
54	08511 p0144	08 51 06	01 44	1	5m	moved on slit, hard to
55	COMP			↑		
56	SN1994D	12 31 31	07 5830	2	10m	* on slit also
57	COMP			↑		25,000 count
58	Felgo 56	12 04 138	11 5655	0	20s	
59	COMP			↑		
60	10310 p0431	10 31 00	04 31	1	5m	
61	COMP			↑		
62	10310 p0431	10 31 00	04 31	1	5m	
63	COMP			↑		
64	10310 p0804	10 31 00	08 04	1	5m	A on chart
65	COMP			↑		dome moved almost 360°
66	10316 p0811	10 31 36	08 11	1	5m	between A + B B on chart
67	COMP			↑		
68	10498 p0821	10 49 48	08 21	1	3m	B on chart HX
69	COMP			↑		
70	10495 p0338	10 49 30	03 38	1	3m	
71	COMP			↑		
72	10526 p0607	10 52 30	06 07	1	5m	HX

LKH1000 problems (again) while on SN

Between 61 + 62 switched LKH1000

AG-11U between 68 + 70 dome moved

ff for ~ 5m ~ 360°

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Number	Object	R.A.	Dec.	L/R	Exp	Comments
73	COMP			↑		
74-76	BIAS					STOPPED FOR LKH 1000
77	10530 p 0438	10 53 00	04 38	1	5m	
78	COMP			↑		
79	SN1994D	12 31 31	07 58 30	2	7m	
80	COMP			↑		
81	Feige 56	12 04 13.8	11 56 55	0	20 ^s	
82	COMP			↑		
83	11263 p 0341	11 26 18	03 41	1	4m	
84	COMP			↑		
85	13145 p 0637	13 14 30	06 37	1	4m	A on chart
86	COMP			↕		
87	13147 p 0640	13 14 42	06 40	1	4m	B on chart
88	13337 p 0500	13 33 42	05 00	1	4m	
89	COMP			↑		
90	13352 p 0530	13 36 12	05 30	1	3m	Hα
91	COMP			↑		
92	13349 p 0646	13 34 54	06 46	1	5m	2 stars + gal C on ch
93	COMP			↕		
94	13348 p 0644	13 34 48	06 44	1	4m	A on chart
95	COMP			↕		
96	13349 p 0641	13 34 54	06 41	1	5m	C on chart Hα
97	13415 p 0817	13 41 30	08 17	1	5m	LKH locked again
98	COMP			↑		
99	SN1994D	12 31 31	07 58 30	2	7m	
100	COMP			↑		
101	Feige 92	14 09 43	50 21 07	0	25 ^s	Feige 56 too far gone
102	COMP			↑		
103	14494 p 0334	14 49 24	03 34	1	5m	LKH settled down ^{weak #}
104	COMP			↕		

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Number	Object	R. A.	Dec.	L/R	Exp	Comments
105	14500p0330	14 5000	03 20	I	5m	B on chart
106	I 1063	14 49 42	04 53	I	5m	* on slit
107	COMP			↕		
108	14500p0445	14 5000	04 45	I	5m	
109	15164p0417	15 16 24	04 17	I	5m	
110	COMP			↑		
111	N 5548	14 15 43.5	25 201	C	5m	
112	COMP			↕		
113	EG 193	15 4203	18 16 12	O	3m	could use 2x
114	15191p0525	15 19 06	05 25	I	5m	Had
115	COMP			↑		
116	15205m0110	15 20 30	-01 10	I	5m	
117	COMP			↕		
118	15205m0110	15 20 30	-01 10	I	5m	
119/19	N 5983	15 36 18	07 04	I	3m	dawn - disappeared from slit
120	COMP			↑		
121-130	FLAT				0.15	

There were major problems with the LKH 1000 ALL night - herringbone pattern, and jitters - could not see many objects, guiding sometimes impossible