

60 inch Telescope Log

Observer: K Rines

PI: Kirchner / Wilkes

Spectrograph: FAST

Grating: 300L

Page: 6387

Date: 6/28/98

Number	Object	R.A.	Dec.	L/R	Exp	Comments
1-10	DARK				15m	
11-20	BIAS				0s	clear & hazy
21-30	FLAT				6s	
31-40	BIAS				0s	bin by 2
41-50	FLAT				12s	
51-55	SKY					bin by 4
56	COMP					
57, 58	AGDca	16:02	+66:48	12	2s, 20s	8:15
59	COMP			↑		
60, 61	HZ44	13:21	+36:23	57	2m	
62	COMP			↑		
63	HZ44	13:21	+36:23	57	2m	bin by 2
64	COMP			↑		
65	N4853	12:59	+27:36	57	3m	bin by 4
66	COMP			↑		
67	SN1998bu	10:47	+11:50	2	15m	bin by 2 8:30
68	COMP			↑		
69	SN1998ag	11:56	+55:08	2	15m	gal to E
70	COMP			↑		
71	N4151	12:11	+39:24	6	30s	bin by 4
72	COMP			↑		
73	N4258	12:16	+47:35	6	2m	
74	COMP			↑		
75	MRK279	13:52	+69:33	6	3m	
76	COMP			↑		
77	N5548	14:16	+25:22	6	3m	
78	COMP			↑		
79	mkw7-045	14:33	+03:31	35	20m	dome did 180° turn during exp
80				↑		gal to W
81	-046	14:35	+04:10	35	15m	

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 Grating: 3001  
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 Page: 6388

Number	Object	R.A.	Dec.	L/R	Exp	Comments
82	COMP			35		
83	mkw7-047	14:35	+01:03	35	12m	NOT LONG ENOUGH
84	COMP			↑		
85	-048	14:34	+03:50	35	15m	
86	COMP			↑		
87	-049	14:32	+03:26	35	15m	UNDEREXPOSED REDD
88	COMP			↑		
89	mkw8 047	14:40	+03:08	35	15m	faint; nothing to guide on
90	COMP	<del>14:36:57</del>	<del>+03:</del>	↑		
91	-048	14:39	+03:32	35	10m	nice em
92	COMP	14:36:57	+03:47.5	↑		MOVING
93	mkw7-050	14:36	+03:49	35	15m	<del>14:35:57 +03:49.3</del> MOVING
94	COMP	14:35:09	+03:31.27	↑		
95	-051	14:35	+03:28	35	15m	
96	COMP			↑		
97	-052	14:34	+03:50	35	20m	
98	COMP			↑		
99	E41271	16:23	+37:46	64	7m	
100	COMP			↑		
101	E418750	16:22	+39:31	64	5m	bright star to W
102	COMP			↑		16:21:48 39:31:20
103	E4190	16:25	+38:48	64	5m	16:25:24 38:48:32
104	COMP	MOVING		↑		16:24:56 +39:04:15
105	E419856	16:25	+39:52	64	4m	16:24:58 +39:32:14
106	COMP			↑		16:25:25 +39:33:06
107	E420045	16:25	+39:33	64	7m	16:25:28 +39:33:29
108	COMP	MOVING		↑		16:26:11 +39:34:03
109	E421169	16:28	+39:34	64	4m	
110	COMP			↑		16:27:56 +39:34:28
111	E421392	16:28	+39:34	64	3m	16:28:24 +39:34:35

used comp 90 for 91  
 used comp 92 for 93 (92 was moving)  
 NO GOOD COMP FOR 103  
 112 → 16:28:59 +39:41:00

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Grating: 3001

Page: 6389

PI: Ken

Date: 6/28/98

Number	Object	R.A.	Dec.	L/R	Exp	Comments
112	COMP	MOVING		64		
113	E421897	16:29	+39:41	64	3m	
114	COMP			↑		
115	E422577	16:30	+39:38	64	3m	star to E
116	COMP			↑		
117	E422698	16:31	+39:38	64	4m	
118	COMP			↑		
119	E422824	16:31	+39:34	64	4m	
120	COMP			↑		
121	E423368	16:32	+39:31	64	6m	
122	COMP			↑		
123	E423843	16:34	+39:36	64	5m	
124	COMP			↑		
125	E4275	16:26	+38:41	64	4m	
126	COMP			↑		
127	E433055	16:22	+39:21	64	30s	star
128	COMP			↑		
129	E433297	16:23	+39:19	64	10m	
130	COMP			↑		
131	E434318	16:26	+39:27	64	5m	
132	COMP			↑		
133	E434760	16:27	+39:19	64	4m	
134	COMP			↑		
135	E434875	16:27	+39:23	64	7m	
136	COMP			↑		
137	E435575	16:29	+39:28	64	5m	
138	COMP			↑		
139	E435802	16:29	+39:26	64	4m	star to W
140	COMP	16:29:21	+39:26:08	↑		shooting star thru image
141	E436276	16:31	+39:23	64	4m	16:30:34 +39:23:35

16:33:10 + 38:50:43

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 PI: Ken, Jeff Mc, Betsy

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 Date: 6/28/98

Page: 6390

Number	Object	R.A.	Dec.	L/R	Exp	Comments
142	COMP			64		
143	E44355	16:36	+37:46	64	7m	gal's to E
144	COMP			↑		
145	E446436	16:23	+39:11	64	10m	
146	COMP			↑		16:23:30 +39:12:59
147	E446475	16:24	+39:13	64	5m	16:23:34 +39:13:38
148	COMP	MOJ1	↘	↑		16:24:04 +39:06:08
149	E446635	16:24	+39:05	64	8m	
150	COMP			↑		
151	COMP			77	8s	1.1" slit
152,153	4U1907+09	19:10	+09:50	77	15m	
154	COMP			↑	8s	
155,156	HD230579	19:02	+11:02	77	10s, 20s	
157	COMP			↑	8s	
158	sagal-253	22:22	+36:13	73	4m	3" slit
159	COMP			↑		22:22:25 36:12:42
160	sagal-254	22:23	+36:12	73	10m	bright * to NE of gal 22:22:38 <sup>+36:11:43</sup>
161	COMP	MOJ1	↘	↑		22:23:24 +36:08:04
162	sagal-257	22:24	+36:08	73	5m	
163	COMP			↑		
164	sagal-258	22:24	+36:05	73	8m	
165	COMP			↑		
166	sagal-267	22:58	+26:09	73	6m	gal to W
167	COMP			↑		+15s cut off by dome
168	N7469	23:03	+08:52	G	2.5m	star to E
169	COMP			↑		
170	MRK335	00:04	+19:55	G	3m	
171	COMP			↑		
172	Ferige 110	23:17	-05:26	56	90s	
173	COMP			↑		

