

Fax to: Susan Tokarz
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60 inch Telescope Log		Spectrograph: <u>FAST</u>			Page: <u>8130</u>	
Observer: <u>P Berlin</u>		Grating: <u>3000</u>				
PI: <u>Ken</u>		Date: <u>1/7/00</u>				
Number	Object	R.A.	Dec.	L/R	Exp	Comments
1-16	DARK				15s	
11-20	BIAS				0s	
21-30	FLAT				7s	circus to W
31-40	BIAS				0s	
41-50	FLAT				14s	
51-55	sky			57	2s	
56	COMP			↑		
57-58	M31	00:40	+41	57	30s	
59	COMP			↑		
60-61	M32			57	7s	
62	COMP			↑		
63	2M3003410	00:39	+02	68	4m	
64	COMP			↑		
65	2M3235602	00:10	02:02	68	3m	
66	COMP	23:42:56	-3:39	↑		name changed
67	2M3234256	23:42	-03:38	68	2m	
68	COMP			↑		
69-70	V1329Cys	20:51	+35	12	15s, 7m	(6 better)
71	COMP			↑		
72	V1516Cys	20:23	+40:13	12	7m	good seeing!
73	COMP			↑		
74	V1057Cys	20:58	+44:17	12	5s	
75	COMP			↑		
76	α 496-115	04:21	-09:05	69	4m	
77	COMP	04:21	-09:29	↑		→ given name of #76, renamed
78	104	04:21	-09:29	69	8m	COMP
79	COMP			↑		
80	105	04:26	-08:07	69	10m	
	COMP			↑		

FORCED FILE 65 TO COMP 66
 ↑ FILE 75 TO COMP 77.
 These comp have diff coordinates
 than objects -

60 inch Telescope Log

Observer: PB

PI: Ken

Spectrograph: FAST

Grating: 300L

Date: 1/7/60

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Number	Object	R.A.	Dec.	L/R	Exp	Comments
82	9496-106	04:26	-08:01	64	10m	em
83	COMP			f		
84	107	04:22	-13:11	64	4m	
85	COMP			f		
86	108	04:26	-10:14	64	6m	
87	COMP			f		
88	80	04:32	-10:52	64	6m	
89	COMP			f		
90	81	04:29	-14:08	64	5m	
91	COMP			f		
92	82	04:18	-11:29	64	6m	
93	COMP			f		
94	84	04:16	-12:09	64	5m	
95	COMP			f		
96	83	04:34	-17:58	64	10m	
97	COMP			f		
98	85	04:43	-15:48	64	5m	
99	COMP			f		
100	87	04:16	-13:09	64	4m	
101	COMP			f		
102	88	04:38	-05:46	64	5m	
103	COMP			f		
104	89	04:18	-14:05	64	15m	
105	COMP			f		
106	90	04:39	-09:27	64	4m	
107	COMP			f		
108	91	04:29	-12:34	64	7m	
109	COMP			f		
110	92	04:46	-11:55	64	6m	
111	COMP			f		

60 inch Telescope Log			Spectrograph: <u>FAST</u>		Page: <u>8132</u>	
Observer: <u>PB</u>			Grating: <u>300 + 1200</u>			
PI: <u>Ken / Paul / Groot</u>			Date: <u>11/7/00</u>			
Number	Object	R.A.	Dec.	L/R	Exp	Comments
112	0496-095	04.46	-10.13	64	4m	
113	COMP			f		
114	96	04.46	-10.13	64	6m	
115	COMP			f		
116	94	04.78	-08.12	64	4m	
117	COMP			f		
118	COMP			↓	90s	1200R, 1.5" slit
119-124	UGem	07.55	+21.59	121	4m	Focus: 1095 ↓
125	COMP	↓	↓	↓		tilt = 350.6 z = 5050
126-131	UGem				4m	
132	COMP					for Paul Groot
133-138	UGem				4m	
139	COMP					special CCD binning!
140-45	UGem				4m	2720x120x1
146	COMP					
147-52	UGem				4m	p.s. Paul will reduce data
153	COMP					
154-59	UGem				4m	
160	COMP					
161-66	UGem				4m	
167	COMP					a few clouds
168-73	UGem				4m	
174	COMP					
175-80	UGem				4m	good seeing
181	COMP					
182-87	UGem				4m	
188	COMP					
189-194	UGem				4m	

60 inch Telescope Log
 Observer: PB
 PI: Groot
 Spectrograph: FAST
 Grating: 1200
 Date: 1/7/00
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Number	Object	R.A.	Dec.	L/R	Exp	Comments
195	COMP			↑		1200R - 1.5" slit
196-201	UGem	07:55	+21:59	121	4m	$Z_e = 5050A$
202	COMP	↓	↓	↓		special coo-binning
203-08	UGem				4m	2720x120x1
209	COMP					
210-15	UGem				4m	
216	COMP					
217-22	UGem				4m	8 hours...
223	COMP					
224-27	UGem				4m	
228	COMP			↑		clear of dawn
229-30	T Leo	11:58	+08:22	121	90s	test
231	COMP			↑		
232	HE44	13:21	+36:23	8	3m	
233	COMP			↑		
234-245	BIAS				0s	} special binning
244-258	FLAT			9m	10m	
259-274	FLAT					