

## 60 inch Telescope Log

Observer: DONG - Woo KIMSpectrograph: FASTGrating: 300Page: 5014PI: DONG - Woo KIMDate: 11/16/96

Number	Object	R.A.	Dec.	L/R	Exp	Comments
1-2	Comp				5	
3-12	KLAT				6	
13-22	BIAS					
23-28	sky				2	Blank sky
29	1504 C201	21:07:58	-05:17:39	4	30	Emission lines (many)
30	1504 C201	"	"		300	" "
31	BDp 284211	21:46:57.1	28:37:48	(910)	60	std * 1
32	HD 192281	20:10:47	40:1:01	(1170)	5	"
33	2181 pI 01	22:54:10.5	16 06 53.2	2	300	A=1.06 <del>blank emission</del> <sup>M-K</sup>
34	"	"	"		600	"
35	1852 p201	22 55 31	5 36 42.2	2	300	A=1.12 emission line
36	1849 pI 01	22 56 36.5	5 25 17.2	4	300	A=1.11 " " S
37	M31 p201	23 20 38.3	8 21 77.2	2	300	A=1.09 <del>blank emission</del> <sup>M-K</sup>
38	<del>1447</del> u201	22 38 57.5	-05 39 21.3	2/42	300	A=1.12 too faint
39	Comp	4	4			
40	2365 p202	00 08 41.6	20 56 51	2	300	A=1.03 <del>blank emission</del> <sup>M-K</sup>
41	Comp	4	4			
42	1286 u 001	01 10 35.5	-16 48 27.5	23	300	A=1.64 emission line
43	Comp					
44	1286 u 001	"	"		300	A=1.62 " ✓
45	Comp					
46	1892 pI 02	21 56 59.5	+7 20 50.9	v m1	300	A=1.27 red star
47	Comp					
48	2145 pI 01	23 10 18.7	14 47 22.7	v m1	300	A=1.08 <del>blank emission</del> <sup>M-K</sup>
49	Comp					
50	2095 pI 01	1 58 20.9	37 29 57.8	2	300	A= red star?
51	Comp					
52	1279 u 001	2 19 5.5	-17 21 14	4	300	A=1.62 very faint <del>emission</del>
53	Comp					
54	1279 u 001	"	"		600	A=1.60

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Number	Object	R.A.	Dec.	L/R	Exp	Comments
55	Comp					
56	2319 pL02	2 58 16.1	19 47 19.5	2	300	A=1.08 <del>1.08</del> M*
57	Comp					
58	2019 pL01	3 16 8.7	11 22 41	2	300	A=1.16 red *
59	Comp				6	
60	2451 pL01	3 49 7.3	23 35 17.2	4	600	A=1.12 ??
61	Comp					
62	2148 pL01	4 20 57.3	14 44 10.5	4	300	A=1.20 <del>1.20</del> <sup>star</sup> <del>1.20</del>
63	Comp					
64	2311 pL01	4 22 4.8	19 34 50.9	2/42	300	A=1.16 M* <del>1.16</del>
65	Comp	↓	↓			
66	2311 pL02	4 22 4.4	19 34 56.9		300	A=1.16 ??
67	Comp					
68	2205 pL02	4 27 33.6	16 52 22.1	2	300	A=1.15 <del>1.15</del> M*
69	Comp					
70	1562 uI 02	4 46 37.3	4 20 58.6	42	300	A=1.41 ??
71	Comp	↓	↓			
72	1562 uI 01			42	300	A=1.37 ??
73	Comp					
74	H214	04 38 15.6	10 57 57 (1950)		180	A=1.13 standard
75	Comp					
76	1296 pO 01	5 4 22.8	2 38 0.9	2	300	A=1.24 ??
77	"				600	A=1.27 ??
78	Comp					
79	G192 B2B	5 1 31.5	52 45 52 (1950)		120	standard * A=1.10
80	Comp					
81	2009 pO 01	2 46 13.8	10 56 56	m <sup>125</sup>	300	A=1.25 broad lines
82	2 Comp					
83	2336 pO 01	8 38 30.9	19 48 19.4	2	300	A=1.37 stars?
84	Comp					

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Number	Object	R. A.	Dec.	L/R	Exp	Comments
85	2582 pL02	8 37 37	25 47 50	4	300	A=1.24 red star
86	Comp	<del>8 37</del>				
87	2669 pL01	8 39 17	36 19 9.7	2	300	A=1.19 red *
88	Comp					
89	4400 pL02	8 41 28	64 22 34	2	300	A=1.31 M*
90	Comp					
91	4415 pL02	8 40 18.5	64 36 41	2	300	A=1.29 M*
92	Comp	8 19 49.8				
93	4357 pL02	<del>8 40 18.5</del>	62 27 6.2	2	300	A=1.31 M*
94	Comp					
95	3714 pL01	9 53 15	47 15 27	2	300	A=1.26 M*
96	Comp					
97	4599 pD01	10 15 47	71 27 4	2/42	300	A=1.46 emission lines
98	Comp					
99	<del>4400</del> 4400 pL01	10 42 24	12 12 51	2	300	A=1.51 BE M*
100	Comp					
101	1648 pL07	10 12 22	-01 28 16	2	120	A=1.52 BE M*
102	Comp					
103	4198 pL01 (4199)	10 51 31	57 34 41	2	300	A=1.30 BE M*
104	Comp					
105	3865 pL01	10 59 16	51 24 48		300	A=1.20 ??
106	Comp					
107	4450 pL01	10 02 59	65 50 12		300	1.71 M*
108	Comp					
109	2526 pD01	11 04 7.5	21 45 21		300	1.15 * *
110	3725 pL01	11 42 42.2	46 24 36		300	1.19 emission lines 300
111	Comp	↓	↓			
112	3725 pL01				300	1.19 sky getting brig
113	Comp				*	1.24!! M4 *
114	BS 3061 (M4)	7 46 52	3 32 (1990)		1	

