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This book was examined for additional stars by A.M.C. Jan. 5, 1917

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B38415 Short Disp.

	No.	Int.	Class	Remarks
10.35	1	3	A2	
M.A.G. Rec.	2	3	F5	
	3	5	K0	
	4	2	A2	
	5	6	A0	another star super. at south.
	6	2	B	HB light? almost continuous.
	7	2	A5	
	8	2	A0	
	9	2	B9	
	10	3	A0	
	11	2	F0	
	12	3	B9	
	13	2	A2	
	14	4	G5	
	15	3	A0	
	16	7	K0	
	17	1	F0	
	18	1	K0	
	19	9	B8	
	20	4	A2	
	21	7	K0	
	22	1	K0	Partly super. on 23.
	23	3	K0	
	24	3	A0	
	25	2	A2	
	26	3	F0	
	27	1	G5	

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1	−49°	3971	8	52.1	−49	10.0	9.5
2	−49°	3980	8	52.5	−49	23.2	9.2
3	−49°	3994	8	52.9	−49	12.0	7.3
4	−48°	4248	8	51.8	−48	49.7	9.9
5	−48°	4249	8	52.1	−48	39.3	9.1
6	−48°	4265	8	52.8	−48	35.5	9.8
7	−48°	4267	8	53.0	−48	38.7	9.8
8	−48°	4279	8	53.7	−48	31.2	9.8
9	−48°	4277	8	53.6	−48	50.5	9.9
10	−49°	4016	8	54.5	−49	4.0	9.5
11	−49°	4026	8	55.0	−49	13.4	9.8
12	−49°	4027	8	55.0	−49	5.7	9.8
13	−48°	4302	8	55.2	−48	57.1	9.9
14	−48°	4303	8	55.4	−48	56.7	9.1
15	−48°	4311	8	56.0	−48	52.1	9.9
16	−49°	4042	8	55.9	−49	4.4	7.5
17	−49°	4043	8	56.3	−49	2.5	10
18	−48°	4338	8	57.1	−48	58.4	9.9
19	−49°	4057	8	57.4	−49	5.3	7.6
20	−49°	4067	8	58.1	−49	8.6	9.9
21	−49°	4017	8	54.5	−49	46.0	7.6
22	−49°	4018	8	54.6	−49	35.0	9.4
23	−49°	4020	8	54.7	−49	31.0	9.1
24	−49°	4028	8	55.0	−49	36.2	9.3
25	−49°	4019	8	54.7	−49	51.8	9.6
26	−49°	4038	8	55.6	−49	46.0	9.4
27	−49°	4045	8	56.5	−49	59.0	9.6

−48° 4251 superposed 9.7

−48° 4266 8 52.9 −48 33.2 Magn 9.7 superposed

cards made out

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B 3 8 4 1 5

No	Dur.	Class	Remarks
28	5	K0	
29	5	G0	
30	2	K2	
31	6	B8	
32	2	A0	
33	1	F0	
34	1	K0	
35	4	F0	
36	1	K0	
37	3	F5	
38	5	A0	
39	8	K0	
40	7	A0	
41	2	G0	
42	1	G5	
43	1	A2	Partly super. on 44
44	5	A5	
45	3	G0	
46	4	A0.	
47	2	A0	
48	2	F8	
49	1	K0	
50	3	A2	
51	3	K5	
52	3	A0	
53	2	A0	Partly super. on 54
54	7	A0	

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28	-49°	4050	8	56.9	-49	56.7	8.1	1 ✓
29	-50°	3761	8	57.0	-50	1.5	9.0	
		~~3762~~	~~8~~	~~57.1~~	~~-50~~	~~38.4~~	~~9.0~~	✓
30	-49°	4054	8	57.4	-49	48.4	9.0	1 ✓
31	-49°	4060	8	57.6	-49	45.4	8.7	1 ✓
32	-49°	4064	8	58.0	-49	36.4	9.6	1 ✓
33	-49°	4070	8	58.4	-49	37.7	9.8	1 ✓
34	~~-50°~~ -49°	4048	8	56.9	-49	24.2	10	1 ✓
35	-49°	4068	8	58.1	-49	58.7	9.3	1 ✓
36	-49°	4072	8	58.8	-49	46.2	9.8	1 ✓
37	-49°	4076	8	59.1	-49	44.9	9.3	1 ✓
38	-49°	4079	8	59.3	-49	38.2	9.1	1 ✓
39	-49°	4075	8	59.1	-49	12.2	7.5	1 ✓
40	-49°	4080	8	59.4	-49	15.0	8.5	1 ✓
41	-48°	4384	8	59.7	-48	56.5	9.6	1 ✓
42	-49°	4095	9	0.2	-49	7.0	9.7	1 ✓
43	-49°	4094	9	0.1	-49	19.8	9.8	1 ✓
44	-49°	4096	9	0.2	-49	17.6	9.3	1 ✓
45	-49°	4107	9	0.9	-49	9.6	9.6	1 ✓
46	-49°	4108	9	1.1	-49	21.6	9.6	1 ✓
47	-49°	4100	9	0.5	-49	38.1	9.6	1 ✓
48	-49°	4093	8 & 9	0.1	-49	58.2 ~~19.8~~	9.7 ~~9.8~~	1 ✓
49	-49°	4097	9	0.3	-49	49.7	9.7	1 ✓
50	-49°	4103	9	0.7	-49	54.9	9.8	1 ✓
51	-50°	3784	8	59.0	-50	4.4	8.7	1 ✓
52	-50°	3789	8	59.5	-50	12.7	9.3	1 ✓
53	-50°	3781	8	58.7 ~~59.0~~	-50	15.3 ~~4.4~~	9 ~~8.7~~	1 ✓
54	-50°	3782	8	58.7	-50	19.7	8.5	1 ✓

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No	Int.	Class	Remarks
55	5	F8	
56	3	K0	
57	5	A0	
58	3	A0	
59	2	A5	
60	6	A0	
61	1	K2	
62	2	A5	
63	2	F8	
64	1	K2	
65	1	A0	
66	2	B8	
67	5	F0	
68	9	B8	
69	8	A0	
70	2	G5	
71	2	G0	
72	2	G0	
73	2	K5	
74	4	B9	
75	4	F0	
76	2	A2	
77	3	K0	
78	1	K0	
79	2	A2	
80	1	K0	
81	1	K0	

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55	-50°	3785	8	59.1	-50	39.9	8.5
56	-50°	3786	8	59.4	-50	47.9	8.5
57	-50°	3798	8 9	0.0	-50	57.3	8.8
58	-51°	3473	9	0.4	-51	9.3	9.3
59	-51°	3479	9	1.1	-51	11.3	9.4
60	-50°	3831	9	1.8	-50	57.8	8.6
61	-50°	3790	8	59.6	-50	40.0	9.5
62	-50°	3796	8 9	0.0	-50	32.6	9.8
63	-50°	3803	9	0.3	-50	29.1	9.4
64	-50°	3813	9	1.0	-50	23.0	9.7
65	-50°	3814	9	1.2	-50	18.4	9.9
66	-50°	3829	9	1.8	-50	4.3	9.4
67	-49°	4109	9	1.2	-49	46.0	9.1
68	-49°	4111	9	1.4	-49	47.1	7.8
69	-49°	4114	9	1.6	-49	38.7	8.0
70	-49°	4110	9	1.3	-49	34.3	9.2
71	-49°	4118	9	2.0	-49	12.5	9.6
72	-49°	4120	9	2.1	-49	8.5	9.7
73	-49°	4126	9	2.8	-49	8.2	9.4
74	-48°	4411	9	1.2	-48	32.3	9.2
75	-48°	4417	9	1.5	-48	45.1	8.6
76	-48°	4421	9	1.8	-48	52.6	9.8
77	-48°	4420	9	1.8	-48	44.0	7.7
78	-48°	4423	9	2.1	-48	34.6	9.6
79	-48°	4438	9	3.0	-48	42.4	9.7
80	-48°	4431	9	2.5	-48	57.2	9.6
81	-48°	4446	9	3.9	-48	57.0	8.8

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No	Int.	class	Remarks
82	1	K0	
83	2	K0	
84	6	a0	
85	3	a0	
86	3	B9	
87	4	F5	
88	1	a2	
89	2	a0	another star super.?
90	10	a3	
91	10	B8	
92	1	a5	Partly super. on 91.
93	2	F2	
94	1	G0	
95	5	F2	
96	2	a0	
97	6	a0	
98	1	G0	
99	1	a2	
100	2	G5	
101	1	a0	
102	1	G5	
103	2	a0	
104	1	a0	
105	5	a0	
106	5	F0	
107	4	K2	
108	4	F2	

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82	−49°	4152	9	4.5	−49	5.0	9.5	1 –
83	−48°	4447	9	3.9	−48	36.5	9.2	1 ✓
84	−48°	4458	9	4.7	−48	47.0	8.4	1 ✓
85	−48°	4461	9	5.0	−48	27.0	9.5	1 ✓
86	−48°	4462	9	5.0	−48	14.3	9.6	1 –
87	−48°	4469$_6$	9	5.4	−48	4.3	8.9	1 ✓
88	−48°	4484	9	6.3	−48	~~18.5~~ 17.0	9.8	1 ✓
89	−48°	4476	9	5.8	−48	34.2	9.8	1 ✓ −48° 4475 superposed 10
90	−48°	4471	9	5.6	−48	55.0	7.5	1 ✓
91	−48°	4479	9	5.9	−48	47.0	7.4	1 ✓
92	−48°	4482	9	6.0	−48	51.8	9.9	1 ✓
93	−48°	4485	9	6.2	−48	39.4	9.8	1 ✓
94	−48°	4491	9	6.4	−48	40.8	9.4	1 ✓
95	−48°	4497	9	6.9	−48	44.1	8.6	1 ✓
96	−49°	4185	9	6.6	−49	6.6	9.7	1 ✓
97	−49°	4190	9	6.9	−49	12.7	8.5	1 ✓
98	−49°	4171	9	5.3	−49	19.0	9.7	1 ✓
99	−49°	4161	9	4.8	−49	23.1	9.7	1 ✓ double cds
100	−49°	4155	9	4.5	−49	37.0	9.4	1 ✓
101	−49°	4134	9	3.2	−49	18.0	10	1 ✓
102	−49°	4122	9	2.5	−49	52.8	9.8	1 ✓
103	−49°	4136	9	3.5	−49	47.0	9.9	1 ✓
104	−49°	4135	9	3.5	−49	34.2	9.8	1 ✓
105	−49°	4139	9	3.6	−49	59.8	9.2	1 ✓
106	−50°	3855	9	3.6	−50	8.2	8.8	1 ✓
107	−50°	3869	9	4.1	−50	17.6	8.9	1 ✓
108	−50°	3868	9	4.1	−50	6.6	9.6	1 ✓

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No	Int.	Class	Remarks
109	7	F8	
110	3	A0	
111	4	B9	
112	7	K0	
113	1	A0	
114	1	A0	
115	2	A2	
116	1	K0	
117	1	A3	
118	6	G5	
119	4	A2	
120	2	A2	
121	4	A0	
122	3	F2	
123	2	A0	
124	1	F8	Parity super. on 123.
125	4	A0	
126	2	G0	
127	1	G0	
128	1	F8	
129	3	A0	
130	6	K0	
131	2	F8	
132	2	A0	
133	3	K0	
134	2	A0	
135	2	G0	

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109	−49°	4142	9	3.9	−49	58.2	8.1	∧ ∨
110	−50°	3839	9	2.6	−50	33.3	9.7	∧ ∨
111	−50°	3845	9	3.0	−50	32.3	9.3	∧ ∨
112	−50°	3849	9	3.2	−50	42.5	6.8	∧ ∨
113	−50°	3835	9	2.1	−50	50.3	9.8	∧ ∨
114	−50°	3847	9	3.0	−50	17.9	9.5	∧ ∨
115	−50°	3851	9	3.3	−50	16.9	9.6	∧ ∨
116	−50°	3854	9	3.5	−50	38.2	9.2	∧ ∨
117	−50°	3857	9	3.6	−50	44.3	10	∧ ∨
118	−50°	3870	9	4.2	−50	56.0	8.2	∧ ∨
119	−51°	3521	9	4.4	−51	0.4	9.1	∧ ∨
120	−50°	3875	9	4.4	−50	37.6	9.8	∧ ∨
121	−50°	3892	9	5.9	−50	24.0	9.1	∧ ∨
122	−50°	3897	9	6.3	−50	29.2	9.1	∧ ∨
123	−50°	3893	9	5.9	−50	6.9	9.5	∧ ∨
124	−50°	3894	9	6.1	−50	6.1	9.6	∧ ∨
125	−49°	4181	9	6.3	−49	50.2	9.2	∧ ∨
126	−49°	4167	9	5.0	−49	45.2	9.8	∧ ∨
127	−49°	4176	9	5.7	−49	46.2	9.9	∧ ∨
128	−49°	4195	9	7.5	−49	29.2	9.8	∧ ∨
129	−49°	4194	9	7.2	−49	56.5	9.4	∧ ∨
130	−50°	3914	9	7.6	−50	24.3	7.9	∧ ∨
131	−49°	4205	9	8.3	−49	57.0	9.7	∧ ∨
132	−49°	4212	9	8.8	−49	32.5	9.9	∧ ∨
133	−49°	4214	9	8.8	−49	23.2	8.8	∧ ∨
134	−49°	4208	9	8.5	−49	5.0	10	∧ ∨
135	−49°	4219	9	9.1	−49	12.4	9.7	∧ ∨

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180	Qut.	Class	
136	2	A0	
137	5	F5	
138	6	A	Lines widely double. Two stars of class B.
139	1	G5	
140	4	A0	
141	2	K0	
142	1	A0	
143	3	A0	another star super. at south.
144	2	A0	another star super. at south.
145	4	F5	
146	7	K0	
147	3	A0	
148	6	A5	
149	2	A0	
150	7	K5	
151	3	A0	
152	2	K5	
153	3	F8	
154	1	A0	
155	4	A2	
156	2	mb	
157	1	A2	
158	2	F5	
159	2	A2	
160	2	A2	
161	3	A	Partly super. on 162
162	6	B9	

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136	−49°	4221	9	9.4	−49	23.1	9.8	∧ ✓
137	−49°	4224	9	9.6	−49	42.5	9.0	∧ ✓
138	−49°	42 31 32	9	10.0	−49	50.0 / 49.6	9.1 / 9.1	∧ ✓
139	−49°	4215 4217	9	8.9 9.0	−49 −49	53.1 50.5	9.8 10	✓
140	−50°	3932	9	9.3	−50	14.8	9.3	∧ ✓
141	−50°	3944	9	9.9	−50	5.4	8.7	∧ ✓
142	−49°	4243	9	10.7	−49	48.1	10	∧ ✓
143	−49°	4234	9	10.1	−49	23.5	9.7	∧ ✓ 10 −49° 4236 superposed
144	−49°	4246	9	10.8	−49	25.7	9.6	∧ ✓ −49° 4244 superposed 9.6
145	−49°	4229	9	9.8	−49	11.2	9.5	∧ ✓ 9.6 −49° 4230 superposed 9.8
146	−48°	4534	9	9.8	−48	57.8	8.0	∧ ✓
147	−48°	4536	9	9.8	−48	43.2	10	∧ ✓
148	−48°	4517	9	8.6	−48	39.9	8.6	∧ ✓
149	−48°	4524	9	9.0	−48	39.5	9.8	∧ ✓
150	−48°	4525	9	9.2	−48	34.6	7.3	∧ ✓
151	−48°	4504	9	7.2	−48	9.8	9.5	∧ ✓
152	−48°	4505	9	7.5	−48	15.6	8.8	∧ ✓
153	−48°	4518	9	8.7	−48	18.4	9.0	∧ ✓
154	−48°	4523	9	9.0	−48	24.5	9.9	∧ ✓
155	−47°	4768	9	9.6	−47	48.6	9.5	∧ ✓
156	−48°	4529	9	9.4	−48	8.0	9.4	∧ ✓
157	−48°	4544	9	10.3	−48	10.5	9.8	∧ ✓
158	−48°	4546	9	10.4	−48	30.9	9.7	∧ ✓
159	−48°	4552	9	11.1	−48	26.9	9.8	∧ ✓
160	−48°	4557	9	11.6	−48	29.9	9.7	∧ ✓
161	−48°	4547	9	10.8	−48	5.0	9.8	∧ ✓
162	−47°	4783	9	10.7	−47	59.0	8.7	∧ ✓

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No	Int.	Class	Remarks
163	3	a0	
164	2	K0	
165	3	a0	
166	2	a3	
167	3	a0	
168	1	g5	
169	2	F0	
170	2	F8	
171	2	g0	
172	2	a0	another star super. at south
173	3	a0	
174	3	F8	another star super. at south.
175	2	a0	
176	1	g	Partly super. on 175
177	5	a2	
178	9	F8	
179	4	B	almost continuous. # B bright?
180	2	a0	
181	2	g5	
182	3	a0	
183	3	a0	
184	4	a0	
185	5	a0	
186	5	a0	Partly super. on 187.
187	6	B9	
188	2	F8	
189	3	a0	another star super. at south.

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1913phae.proj.2155C

163	−47°	4786	9	11.1	−47	50.7	9.8	∧ ✓
164	−47°	4791	9	11.3	−47	47.2	8.9	∧ ✓
165	−48°	4558	9	11.6	−48	3.0	9.4	∧ ✓
166	−48°	4560	9	11.7	−48	9.9	9.5	∧ ✓
167	−47°	4806	9	12.4	−47	48.5	9.7	∧ ✓
168	−47°	4790	9	11.2	−47	40.7	9.9	∧ ✓
169	−47°	4793	9	11.6	−47	30.6	9.7	∧ ✓
170	−47°	4804	9	12.3	−47	33.4	9.5	∧ ✓
171	−47°	4832	9	14.7	−47	53.2	9.6	∧ ✓
172	−48°	4598	9	14.8	−48	2.9	9.8	✓ −48° 4599 9 14.8 −48 4.9 10 magn. and −48° 4597 superposed 9.6 see chart Made 38586
173	−47°	4839	9	15.0	−47	55.2	9.6	∧ ✓
174	−48°	4600	9	15.0	−48	27.0	9.3	∧ −48° 4601 superposed 9.5
175	−48°	4570	9	12.5	−48	25.7	9.4	∧ ✓
176	−48°	4566	9	12.4	−48	26.9	9.4	∧ ✓
177	−49°	4268	9	12.0	−49	4.2	9.1	∧ ✓
178	−49°	4273	9	12.4	−49	3.4	7.3	∧ ✓
179	−49°	4264	9	11.7	−49	27.1	8.1	∧ ✓
180	−49°	4267	9	11.9	−49	48.0	9.7	∧ ✓
181	−49°	4269	9	12.0	−49	45.0	9.2	∧ ✓
182	−50°	3973	9	12.6	−50	1.7	9.4	∧ ✓
183	−49°	4283	9	13.2	−49	43.7	9.9	∧ ✓ −49° 4284 9 13.2 −49 45.1 magn. 10.0 superposed
184	−49°	4288	9	13.6	−49	22.8	9.6	∧ ✓
185	−49°	4295	9	14.1	−49	23.7	9.5	∧ ✓
186	−49°	4304	9	14.6	−49	19.0	9.1	∧ ✓
187	−49°	4302	9	14.6	−49	16.2	8.8	∧ ✓
188	−48°	4580	9	13.4	−48	47.3	9.6	∧ ✓
189	−48°	4581	9	13.5	−48	35.2	9.6	✓ ∧ −45° 4582 superposed 9.7

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B 38415

No	Dur.	Class	Remarks
190	1	G	
191	1	78	
192	2	A0	
193	1	A	
194	2	F0	
195	1	A5	
196	2	Md	H & K strong bright line.
197	3	A0	
198	2	G0	
199	1	K0	
200	4	A0	
201	5	A0	
202	4	A0	
203	2	F	Partly super. on 202.
204	1	A3	
205	10	K0	
206	1	A2	
207	1	K0	
208	3	A0	
209	2	A0	
210	7	K0	
211	4	A2	
212	4	K0	
213	3	K2	
214	6	A0	
215	8	F0	
216	1	K0	

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190	−48°	4596	9	14.7	−48	55.2	10	A✓
191	−48°	4605	9	15.4	−48	32.2	9.8	∧✓
192	−48°	4623	9	16.9	−48	0.7	9.8	1✓
193	−48°	4627	9	17.4	−48	9.9	9.8	∧✓
194	−48°	4634	9	17.9	−48	5.9	9.6	1✓
195	−48°	4647	9	18.6	−48	10.8	9.6	1✓
196	−48°	4658	9	19.5	−48	20.0	10	RS Velorum.
197	−49°	4361	9	19.0	−49	3.5	9.5	1✓
198	−49°	4348	9	17.7	−49	29.8	9.7	1✓
199	−48°	4636	9	18.0	−48	31.8	9.7	∧✓
200	−47°	4531	8	52.3	−47	27.2	9.1	∧✓
201	−47°	4532	8	52.5	−47	22.9	8.9	∧✓
202	−47°	4543	8	53.2	−47	43.2	8.9	1✓
203	−47°	4542	8	53.2	−47	49.8	9.5	1✓
204	−48°	4269	8	53.1	−48	19.0	9.8	∧✓
205	−48°	4282	8	53.8	−48	5.6	6.6	1✓
206	−48°	4285	8	53.9	−48	19.1	10	∧✓
207	−48°	4289	8	54.6	−48	17.8	9.7	1✓
208	−48°	4290	8	54.7	−48	10.1	9.7	1✓
209	−47°	4567	8	54.6	−47	50.2	9.8	∧✓
210	−47°	4571	8	55.2	−47	48.0	7.7	∧✓
211	−47°	4579	8	55.8	−47	8.8	9.1	∧✓
213	−46°	4818	8	55.5	−46	49.3	9.2	∧✓
213	−46°	4822	8	55.9	−46	37.9	9.1	∧✓
214	−46°	4826	8	56.2	−46	46.1	9.2	∧✓
215	−46°	4836	8	56.9	−46	45.8	7.9	∧✓
216	−47°	4582	8	56.3	−47	12.6	9.2	1✓

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No	Int.	Class	Remarks
217	1	F8	
218	1	a2	
219	1	K5	
220	2	G0	
221	1	a0	
222	1	B9	
223	2	a0	
224	1	G5	Another star super.?
225	1	G5	
226	2	a2	
227	3	a0	
228	5	K0	
229	1	F8	
230	2	B	almost continuous.
231	1	K2	
232	3	B	continuous
233	2	G	Partly super. on 232.
234	3	K0	
235	5	G0	
236	1	G0	
237	2	F5	
238	3	a0	
239	4	B8	Lines narrow.
240	4	G0	
241	5	a0	
242	2	B	Partly super. on 241
243	1	F8	Partly super. on 244

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1913phae.proj.2155C

217	−47°	4580	8	55.8	−47	23.9	9.5	∧ ∨
218	−47°	4586	8	56.8	−47	13.3	10	∧ ∨
219	−47°	4589	8	57.2	−47	5.6	9.2	∧ ∨
220	−47°	4590	8	57.3	−47	20.7	9.4	∧ ∨
221	−47°	4593	8	57.7	−47	23.6	9.9	∧ ∨
222	−47°	4594	8	57.7	−47	10.1	9.9	∧ ∨
223	−47°	4602	8	58.2	−47	20.7	9.9	∧ ∨
224	−47°	4600	8	58.1	−47	28.2	9.4	∧ ∨ −47° 4599 superposed 10
225	−47°	4601	8	58.1	−47	43.6	9.7	∧ ∨
226	−47°	4603	8	58.2	−47	54.7	9.7	∧ ∨
227	−48°	4335	8	56.9	−48	1.2	9.9	∧ ∨
228	−48°	4318	8	56.2	−48	13.6	8.1	∧ ∨
229	−48°	4295	8	55.0	−48	22.3	9.8	∧ ∨
230	−48°	4300	8	55.1	−48	20.6	9.4	∧ ∨
231	−48°	4304	8	55.4	−48	20.0	10	∧ ∨
232	−48°	4321	8	56.4	−48	29.8	9.5	∧ ∨ −48° 4322 superposed 9.5
233	−48°	4325	8	56.5	−48	30.1	9.5	∧ ∨ −48° 4324 superposed 9.5
234	−48°	4339	8	57.2	−48	24.3	9.6	∧ ∨
235	−48°	4345	8	57.6	−48	15.4	9.0	∧ ∨
236	−48°	4349	8	58.0	−48	47.1	9.9	∧ ∨
237	−48°	4358	8	58.4	−48	53.9	9.6	∧ ∨
238	−48°	4367	8	59.0	−48	28.8	9.7	∧ ∨
239	−48°	4368	8	59.0	−48	0.7	8.8	∧ ∨
240	−48°	4374	8	59.2	−48	11.2	9.2	∧ ∨
241	−48°	4381	8	59.6	−48	7.9	9.5	∧ ∨
242	−48°	4382	8	59.6	−48	3.7	9.3	∧ ∨
243	−48°	4395	8 9	0.5	−48	19.8	9.6	∧ ∨

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No	Int.	class	Remarks.
244	4	a0	
245	6	a0	
246	4	F5	
247	5	a2	
248	2	F2	
249	4	a5	
250	7	B5	
251	2	a5	
252	10+	B5	
253	1	a0	
254	3	a2	
255	2	K2	
256	2	78	
257	5	a0	
258	3	B	Partly super. on 259.
259	6	B9	Another star super. at north.
260	4	a0	
261	7	B9	
262	3	a0	
263	1	B	almost continuous.
264	4	a0	
265	3	a0	
266	4	a0	
267	1	G	Partly super. on 268
268	3	a0	
269	1	a0	
270	4	a0	

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244	-48°	4398	9	0.6	-48	18.7	9.3	∧ ∨
245	-47°	4640	9	0.9	-47	57.7	8.8	∧ ∨
246	-47°	4628	9	0.0	-47	42.2	8.9	∧ ∨
247	-47°	4634	9	0.5	-47	43.2	9.0	∧ ∨
248	-47°	4613	9 8	58.8	-47	31.2	9.6	∧ ∨
249	-47°	4619	8	59.3	-47	25.9	8.8	∧ ∨
250	-46°	4870	8	59.2	-46	54.6	8.0	∧ ∨
251	-47°	4621	8	59.4	-47	3.4	9.6	∧ ∨
252	-46°	4882	8	59.8	-46	57.0	7.3	∧ ∨
253	-46°	4885	8 9	0.0	-46	52.8	9.9	∧ ∨
254	-46°	4902	9	1.2	-46	55.7	9.8	∧ ∨
255	-47°	4644	8 9	1.1	-47	9.3	8.7	∧ ∨
256	-47°	4645	9	1.2	-47	13.5	9.3	∧ ∨
257	-47°	4648	9	1.4	-47	2.4	9.2	∧ ∨
258	-47°	4650	9	1.6	-47	16.4	9.0	∧ ∨
259	-47°	4653	9	1.7	-47	8.8	8.9	∧ ∨ 9.8 -47° 4652 superfond
260	-47°	4660	9	2.2	-47	7.2	9.7	∧ ∨
261	-47°	4662	9	2.3	-47	25.2	8.1	∧ ∨
262	-47°	4646	9	1.3	-47	38.2	9.5	∧ ∨
263	-47°	4654	9	1.7	-47	48.8	9.4	∧ ∨
264	-47°	4658	9	2.1	-47	40.8	9.3	∧ ∨
265	-48°	4418	9	1.5	-48	17.4	9.6	∧ ∨
266	-48°	4424	9	2.1	-48	7.7	8.8	∧ ∨
267	-48°	4426	9	2.2	-48	12.2	9.9	∧ ∨
268	-48°	4427	9	2.2	-48	6.6	9.7	∧ ∨
269	-48°	4432	9	2.7	-48	4.7	9.7	∧ ∨
270	-47°	4667	9	3.1	-47	56.0	9.0	∧ ∨

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No	Int.	Class	Remarks
271	1	K2	
272	4	K0	
273	4	a2	
274	3	G5-	another star super at south. Look up!
275	6	F5-	
276	4	a0	Partly super on 277
277	7	a3	
278	1	a	another super. at north.
279	2	B9	
280	4/5	G5-	
281	1	a	Partly super. on 280.
282	2	a0	
283	2	G5-	
284	1	G0	
285	1	G5-	
286	1	G5-	
287	1	a	
288	5-	B9	
289	4	a0	
290	6	G5-	
291	4	B9	
292	1	F5-	
293	2	a2	
294	1	G5	
295	3	a2	
296	3	a0	
297	2	a0	Partly super. on 298

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1913plate. proj. 2155c

271	−47°	4676	9	3.4	−47	50.4	10	∧ ∨
272	−47°	4682	9	4.0	−47	38.0	8.8	∧ ∨
273	−47°	4666	9	3.0	−47	21.9	9.4	∧ ∨
274	−47°	4669	9	3.2	−47	22.6	9.3	∧ ∨ −47° 4668 superposed 9.3
275	−47°	4673	9	3.3	−47	3.5	8.7	∧ ∨
276	−47°	4676	9	4.3 3.4	−47	15.8 ~~50.4~~	9.8 ~~10~~	∧ ∨
277	−47°	4687	9	4.3	−47	9.6	8.6	∧ ∨
278	−47°	4690	9	4.9	−47	21.9	9.9	∧ ∨ −47° 4692 superposed 0 −47° 4693 superposed Both magn 10.0
279	−47°	4697	9	5.3	−47	25.2	9.7	∧ ∨
280	−47°	4696	9	5.2	−47	42.8	8.0	∧ ∨
281	−47°	4694	9	5.0	−47	40.3	9.9	∧ ∨
282	−47°	4685	9	4.3	−47	52.1 ~~50.4~~	10 ~~9.1~~	∨ −47° 4684 9h 4.2 −47 51.6 ∧ magn 10 also superposed
283	−47°	4685	9	4.3	−47	50.4	9.1	∧ ∨
284	−48°	4443	9	3.5	−48	26.3	9.8	∧ ∨
285	−48°	4444	9	3.8	−48	22.9	9.7	∧ ∨
286	−48°	4455	9	4.4	−48	10.8	9.9	∧ ∨
287	−48°	4452	9	4.3	−48	4.6	10	∧ ∨
288	−47°	4695	9	5.0	−47	13.3	9.3	∧ ∨
289	−47°	4701	9	5.4	−47	15.4	9.6	∧ ∨
290	−47°	4706	9	5.8	−47	41.8	8.0	∧ ∨
291	−47°	4712	9	6.2	−47	12.7	9.4	∧ ∨
292	−47°	4724	9	7.1	−47	33.7	9.7	∧ ∨
293	−47°	4731	9	7.6	−47	31.0	9.8	∧ ∨
294	−47°	4736	9	7.9	−47	36.8	9.8	∧ ∨
295	−47°	4744	9	8.2	−47	40.4	9.5	∨ −47° 4743 9 8.2 −47 25.2 ∧ magn 10.0 superposed
296	−47°	4752	9	8.8	−47	16.8	9.7	∧ ∨
297	−47°	4753	9	8.8	−47	13.0	9.8	∧ ∨

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	Hr	Int.	class	Remarks.
	298	2	A0	
	299	1	K2	
11.30	300	1	A2	
10.30 Sept. 20	301	4	F8	
	302	1	A0	
	303	4	A5	
	304	2	A0	another star super. at south.
	305	1	A3	
	306	2	A5	
	307	2	A	Party super. on 308.
	308	2	A2	
	309	2	G5	
	310	1	F0	
	311	1	F8	
	312	1	F5	
	313	2	A0	
	314	1	G0	
	315	5	A5	
	316	2	G5	
	317	1	K0	Party super. on 318
	318	2	K2	
	319	4	K0	
	320	1	A2	
	321	1	A0	
	322	6	B8	
	323	10	A	Burned out.
	324	2	A2	

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298	−47°	4758	9	9.0	−47	12.6	9.8	∧	✓
299	−47°	4759	9	9.1	−47	3.1	9.7	∧	✓
300	−47°	4771	9	9.9	−47	7.4	9.9	∧	✓
301	−47°	4776	9	10.2	−47	18.0	9.3	∧	✓
302	−47°	4770	9	9.8	−47	26.8	9.9	∧	✓
303	−47°	4785	9	11.0	−47	13.0	9.8	∧	✓
304	−47°	4801	9	12.2	−47	18.5	9.8	∧	✓
305	−47°	4807	9	12.4	−47	10.3	9.9	∧	✓
306	−47°	4835	9	14.9	−47	38.7	9.9	∧	✓
307	−47°	4842	9	15.5	−47	35.8	9.7	∧	✓
308	−47°	4844	9	15.5	−47	31.8	9.6	∧	✓
309	−47°	4849	9	16.1	−47	40.8	9.6	∧	✓
310	−47°	4871	9	17.6	−47	45.6	9.9	∧	✓
311	−47°	4881	9	18.4	−47	47.2	9.9	∧	✓
312	−47°	4838	9	15.0	−47	6.5	9.8	∧	✓
313	−46°	5072	9	13.2	−46	43.5	9.7	∧	✓
314	−46°	5066	9	12.8	−46	58.4	9.9	∧	✓
315	−46°	5060	9	12.4	−46	41.0	9.3	∧	✓
316	−46°	5050	9	11.9	−46	56.9	9.6	∧	✓
317	−46°	5047	9	11.7	−46	50.0	9.6	∧	✓
318	−46°	5048	9	11.8	−46	45.5	9.4	∧	✓
319	−46°	5040	9	11.2	−46	57.6	8.3	∧	✓
320	−46°	5039	9	11.2	−46	48.8	9.9	∧	✓
321	−46°	5035	9	10.8	−46	36.1	9.9	∧	✓
322	−46°	5020	9	10.0	−46	54.5	8.8	∧	✓
323	−46°	5010	9	9.2	−46	49.3	6.3	∧	✓
324	−46°	5014	9	9.6	−46	37.2	9.4	∧	✓

9.8 −47° 4802 superposed

−47° 4843 9 h 15.5 −47 33.2 mag h. 9.7 superposed on both these stars

also −46° 5048 9 h 14.7 −46 5.6 mag h. 10.0 superposed

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No	Int.	class	Remarks
325	3	B9	
326	2	F0	
327	2	G5	
328	3	A0	
329	1	K0	
330	1	A5	
331	3	F8	
332	2	F5	
333	3	B8	
334	3	K0	
335	2	K0	
336	3	K2	
337	1	A	
338	1	A	
339	2	A0	
340	3	A0	
341	7	A2	
342	2	G0	
343	1	G5	
344	5	B8	
345	10+	B8	
346	2	F0	Another star super. at south.
347	3	K0	
348	10+	B	Burned out.
349	1	F2	
350	1	F5	
351	4	A0	

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1913phae.proj.2155c

325	−46°	5019	9	9.9	−46	30.5	9.3	↑↓
326	−46°	5025	9	10.1	−46	31.8	9.7	↑↓
327	−46°	5031	9	10.6	−46	17.3	9.7	↑↓
328	−46°	5037	9	11.1	−46	20.4	9.6	↑↓
329	−46°	5043	9	11.4	−46	22.6	9.5	↑↓
330	−46°	5045	9	11.6	−46	19.0	9.4	↑↓
331	−45°	4979	9	10.6	−45	51.0	9.2	↑↓
332	−45°	4973	9	10.2	−45	41.7	9.4	↑↓
333	−45°	4966	9	10.0	−45	49.6	9.1	↑↓
334	−45°	4957	9	9.3	−45	40.5	9.4	↑↓
335	−46°	5011	9	9.3	−46	11.1	9.7	↑↓
336	−46°	5005	9	8.7	−46	31.3	9.2	↑↓
337	−46°	5013	9	9.3	−46	25.1	9.9	↑↓
338	−46°	5003	9	8.7	−46	17.6	9.8	↑↓
339	−46°	4994	9	7.8	−46	24.0	9.8	↑↓
340	−46°	4995	9	7.8	−46	15.2	9.9	↑↓
341	−46°	4990	9	7.3	−46	22.6	8.5	↑↓
342	−46°	4983	9	6.8	−46	40.6	9.9	↑↓
343	−46°	4973	9	6.3	−46	36.5	9.9	↑↓
344	−46°	4969	9	5.8	−46	37.4	9.1	↑↓
345	−46°	4968	9	5.5	−46	58.1	7.1	↑↓
346	−46°	4967	9	5.5	−46	31.4	9.6	↑↓ 9.8 −46° 4964 superposed
347	−46°	4971	9	6.1	−46	15.7	9.3	↑↓
348	−46°	4987	9	7.1	−46	4.5	6.0	↑↓
349	−46°	4980	9	6.6	−46	0.2	9.9	↑↓
350	−45°	4917	9	6.2	−45	50.6	9.9	↑↓
351	−45°	4910	9	5.7	−45	52.9	9.4	↑↓

double on plate also in GPD as −46° 3529 [9.6] 3530 [9.8]

canals made out

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1913phae.proj.2155C

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No	Dut.	class	Remarks
352	2	K2	
353	1	K2	
354	2	G5	
355	2	K0	
356	2	F2	
357	1	K	
358	3	F8	
359	6	B9	
360	3	A0	
361	3	A0	
362	2	A0	
363	1	G0	
364	4	A0	
365	2	A0	
366	5	B8	
367	3	A2	
368	3	A3	
369	3	A0	
370	3	F0	
371	2	A0	
372	3	B2	
373	3	G5	
374	4	K0	
375	6	A0	
376	3	K0	
377	4	A0	
378	3	A0	

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352	−46°	4965	9	5.4	−46	0.7	9.0	∧ ∨
353	−46°	4956	9	5.0	−46	9.0	9.4	∧ ∨
354	−46°	4955	9	4.9	−46	18.6	9.5	∧ ∨
355	−46°	4950	9	4.6	−46	16.0	9.5	∧ ∨
356	−46°	4947	9	4.2	−46	44.1	9.8	∧ ∨
357	−46°	4941	9	3.9	−46	30.1	9.7	∧ ∨
358	−46°	4938	9	3.6	−46	24.7	9.7	∧ ∨
359	−46°	4932	9	3.4	−46	15.8	9.2	∧ ∨
360	−46°	4926	9	3.1	−46	22.3	9.6	∧ ∨
361	−46°	4925	9	3.0	−46	36.6	9.6	∧ ∨
362	−46°	4934	9	3.4	−46	42.3	9.8	∧ ∨
363	−46°	4930	9	3.2	−46	47.2	9.8	∧ ∨
364	−46°	4919	9	2.3	−46	41.0	9.4	∧ ∨
365	−46°	4911	9	1.6	−46	45.6	9.8	1 ∨
366	−46°	4896	9	0.8	−46	32.8	9.0	1 ∨
367	−46°	4913	9	1.9	−46	5.4	9.3	∧ ∨
368	−45°	4868	9	2.4	−45	54.6	9.4	1 ∨
369	−45°	4867	9	2.4	−45	44.6	9.4	1 ∨
370	−45°	4880	9	3.3	−45	57.6	9.3	∧ ∨
371	−45°	4885	9	3.6	−45	45.0	9.8	∧ ∨
372	−45°	4889	9	4.0	−45	45.0	8.7	∧ ∨
373	−45°	4916	9	5.9	−45	23.0	9.1	∧ ∨
374	−45°	4918	9	6.2	−45	4.0	8.7	∧ ∨
375	−45°	4906	9	~~4.7~~ 5.1	−45	0.2 8	8.7	∧ ∨
376	−45°	4883	9	3.5	−45	23.2	8.6	∧ ∨
377	−45°	4873	9	2.7	−45	30.9	8.9	∧ ∨
378	−45°	4871	9	2.6	−45	22.3	9.4	∧ ∨

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	No	Rut.	class	
	379	3	A0	
	380	3	A5	
	381	1	A0	
	382	3	A0	
	383	9	A2	
	384	10+	K	Burned out.
	385	1	A2	
	386	2	A2	
	387	1	K0	
	388	2	A0	
	389	3	B8	
	390	3	A2	
	391	5	B2	
	392	5	A0	
	393	3	A0	
	394	3	K0	
	395	1.	A0	
	396	7	A0	
	397	2	A2	
	398	2	F8	
	399	2	A0	
	400	1	K0	
10 50	401	3	F0	
	402			
	403			
	404			
	405			

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1913phae.proj.2155c

379	-45°	4857	9	1.6	-45	34.5	9.4	∧ ∨
380	-45°	4850	9	0.9	-45	51.0	9.4	∧ ∨
381	-45°	4845	9	0.6	-45	58.8	9.9	∧ ∨
382	-46°	4890	9	0.3	-46	5.0	9.3	∧ ∨
383	-46°	4892	9	0.5	-46	19.1	7.4	∧ ∨
384	-46°	4883	8	59.9	-46	35.6	4.6	∧ ∨
385	-46°	4881	8	59.8	-46	14.8	9.7	∧ ∨
386	-46°	4869	8	59.2	-46	32.7	9.9	∧ ∨
387	-46°	4874	8	59.3	-46	22.9	9.5	∧ ∨
388	-46°	4868	8	58.9	-46	31.2	9.7	∧ ∨
389	-46°	4862	8	58.5	-46	28.2	9.4	∧ ∨
390	-46°	4850	8	57.8	-46	26.3	9.6	∧ ∨
391	-46°	4855	8	58.2	-46	4.4	8.9	∧ ∨
392	-45°	4788	8	57.8	-45	57.8	9.1	∧ ∨
393	-45°	4798	8	58.3	-45	40.8	9.5	∧ ∨
394	-45°	4821	8	59.4	-45	31.8	8.6	∧ ∨
395	-45°	4834	9	0.1	-45	19.4	9.6	∧ ∨
396	-45°	4840	9	0.4	-45	21.7	8.3	∧ ∨
397	-45°	4843	9	0.5	-45	13.5	9.7	∧ ∨
398	-46°	4880	8	59.6	-46	2.6	9.7	∧ ∨
399	-46°	4884	8	59.9	-46	2.9	9.7	∧ ∨
400	-45°	4831	8	59.9	-45	48.9	9.8	∧ ∨
401	-45°	4836	9	0.3	-45	53.3	9.3	∧ ∨

-45° 4839 9 0.3 -45 21.8 magn 9.7 super faint

Continued on page 63.

cards made out

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1913phae.proj.2155C

Saturday Sept. 20, 1913.
B40275 short.

11.20
~~10.56~~ M.a.G. Rec.

No	Dur.	class	Remarks
1	3	B9	
2	4	B9	
3	2	F0	
4	8	B9	
5	2	F0	
6	1	F0	
7	2	K5	
8	1	K0	
9	1	A0	
10	4	F5	
11	1	F8	
12	4	B9	
13	4	A2	
14	2	F2	
15	7	A3	
16	8	A2	
17	3	B9	
18	2	A2	
19	3	B5	
20	1	K2	
21	2	A0	
22	7	A0	
23	3	F5	
24	1	A2	
25	3	B9	
26	2	F2	
27	5	B9	

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1913phae.proj.2155c

1	−54°	1693	8	31.1	−54	14.2	8.2 ✓
2	−54°	1702	8	32.2	−54	40.2	8.0 ✓
3	−53°	1735	8	29.1	−53	41.9	8.7 ✓
4	−53°	1760	8	31.8	−53	46.5	7.2 ✓
5	−53°	1784	8	34.2	−53	44.8	8.6 ✓
6	−54°	1703	8	32.6	−54	25.8	9.1 ✓
7	−54°	1717	8	34.4	−54	33.4	8.8 ✓
8	−54°	1722	8	34.9	−54	18.4	9.0 ✓
9	−54°	1731	8	36.1	−54	12.4	9.1 ✓
10	−54°	1745	8	37.4	−54	5.8	8.7 ✓
11	−53°	1809	8	36.8	−53	41.5	9.0 ✓
12	−53°	1813	8	37.2	−53	39.9	8.4 ✓
13	−53°	1825	8	38.7	−53	42.2	8.4 ✓
14	−53°	1826	8	38.8	−53	27.2	8.8 ✓
15	−53°	1834	8	39.4	−53	18.0	8.0 ✓
16	−53°	1842	8	40.0	−53	4.4	7.6 ✓
17	−53°	1857	8	41.5	−53	5.3	8.4 ✓
18	−53°	1862	8	41.7	−53	24.0	8.9 ✓
19	−53°	1868	8	41.9	−53	10.5	8.5 ✓
20	−53°	1873	8	42.2	−53	3.9	9.2 ✓
21	−53°	1878	8	42.6	−53	15.7	8.8 ✓
22	−53°	1888	8	43.3	−53	44.3	8.0 ✓
23	−53°	1901	8	44.4	−53	27.0	8.5 ✓
24	−53°	1898	8	44.2	−53	17.6	8.9 ✓
25	−53°	1909	8	44.7	−53	19.5	8.7 ✓
26	−53°	1899	8	44.2	−53	6.4	8.9 ✓
27	−53°	1904	8	44.5	−53	7.9	8.1 ✓

cards made out.

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1913phae.proj.2155C

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B 40275

No	Int.	class	Remarks
28	5	A0	
29	3	B3	
30	5	A0	
31	2	A0	
32	7	A2	
33	2	A0	
34	1	A0	
35	1	A0	
36	7	A0	
37	1	K2	
38	1	A5	
39	1	K5	
40	1	G	Partly super. on 41
41	2	F5	
42	1	K5	
43	4	A0	
44	1	A0	
45	6	F6	
46	9	F5	
47	2	F0	
48	1	A5	
49	6	Ma	-55° 1853 superposed about each. Adopt K0 for -55° 1852
50	1	K5	
51	4	F0	
52	1	K5	
53	7	B9	
54	3	G0	

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28	−53°	1907	8	44.7	−53	7.3	8.3	✓
29	−53°	1914	8	45.4	−53	48.5	8.6	✓
30	−53°	1923	8	46.2	−53	33.3	8.3	✓
31	−53°	1929	8	46.4	−53	48.5	8.9	✓
32	−53°	1943	8	47.2	−53	38.7	8.0	✓
33	−53°	1952	8	48.0	−53	19.5	8.8	✓
34	−53°	1957	8	48.4	−53	7.1	9.0	✓
35	−53°	1960	8	48.5	−53	11.1	9.0	✓
36	−52°	1734	8	48.7	−52	51.2	7.8	✓
37	−52°	1720	8	48.0	−52	45.5	9.0	✓
38	−53°	1967	8	50.1	−53	2.5	9.0	✓
39	−52°	1750	8	50.0	−52	56.7	9.3	✓
40	−52°	1755	8	50.5	−52	54.7	9.1	✓
41	−52°	1758	8	50.6	−52	51.8	9.0	✓
42	−53°	1983	8	51.1	−53	18.5	9.2	✓
43	−53°	1975	8	50.6	−53	50.3	8.5	✓
44	−53	197~~7~~ 9	8	50.~~7~~ 8	−53	~~50.9~~ 51.4	~~9.6~~ 1	✓
45	−54°	1922	8	51.5	−54	13.4	7.6	✓
46	−54°	1925	8	51.7	−54	29.1	6.8	✓
47	−54°	1929	8	52.0	−54	21.9	8.5	✓
48	−54°	1934	8	52.5	−54	40.9	9.0	✓
49	−55°	18 ~~53~~ 52	8	52.7	−55	~~3.0~~ 2.0	~~8.6~~ 8.6	✓
50	−54°	1942	8	54.0	−54	37.9	9.1	✓
51	−54°	1948	8	54.1	−54	25.9	8.5	✓
52	−54°	1944	8	54.3	−54	1.5	9.1	✓
53	−54°	1952	8	55.3	−54	8.9	7.9	✓
54	−54°	1958	8	55.9	−54	31.6	8.8	✓

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No	Dut.	class	Remarks
55	6	F0	
56	2	A0	
57	1	A2	
58	1	Ma	
59	7	B9	[another star super. at south.]
60	3	F0	
61	1	K5	
62	1	Ma	another star partly super.
63	8	A0	
64	2	A0	
65	4	A0	
66	3	G0	
67	3	B9	
68	3	F0	
69	2	F2	another star super, at north.
70	1	K2	
71	2	A3	
72	4	B9	
73	2	A0	
74	2	A2	
75	1	A2	
76	4	A0	
77	2	Ma	
78	6	A0	
79	4	K2	
80	5	K2	
81	6	A0	

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55	−53°	2032	8	56.1	−53	44.9	8.0	✓
56	−53°	2030	8	56.0	−53	35.1	8.8	✓
57	−53°	2040	8	56.5	−53	37.0	9.0	✓
58	−53°	2042	8	56.6	−53	39.8	9.1	✓
59	−53°	2050	8	57.0	−53	52.4	7.6	✓
60	−53°	2062	8	58.0	−53	36.8	8.6	✓
61	−53°	2074	8	59.7	−53	55.1	9.1	✓
62	−53°	2078	9	0.0	−53	34.7	9.0	✓ 9.1 −53° 2079 superposed
63	−54°	1982	8	58.8	−54	32.2	7.9	✓
64	−54°	1992	8	59.8	−54	39.4	8.8	✓
65	−54°	1987	8	59.3	−54	56.1	8.2	✓
66	−55°	1911	8	59.2	−55	7.0	8.5	✓
67	−55°	1900	8	58.0	−55	9.4	8.4	✓
68	−55°	1889	8	56.8	−55	5.8	8.5	✓
69	−55°	1886	8	56.5	−55	13.2	8.6	✓ 9.1 −55° 1887 superposed
70	−55°	1878	8	56.6	−55	8.0	9.0	✓
71	−55°	1869	8	55.0	−55	10.3	8.9	✓
72	−55°	1855	8	52.8	−55	28.5	8.4	✓
73	−55°	1858	8	53.8	−55	48.1	8.8	✓
74	−55°	1881	8	56.0	−55	52.8	8.8	✓
75	−55°	1893	8	57.2	−55	52.4	9.0	✓
76	−55°	1898	8	57.5	−55	59.2	8.4	✓
77	−55°	1903	8	58.3	−55	58.1	9.0	✓
78	−55°	1913	8	59.4	−55	40.8	8.4	✓
79	−54°	2011	9	1.5	−54	44.5	8.7	✓
80	−54°	2018	9	2.3	−54	31.7	8.6	✓
81	−54°	2019	9	2.4	−54	24.1	8.4	✓

cards made out

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1913phae.proj.2155C

Saturday Sept. 20, 1913
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No	Int.	Class	Remarks.
82	1	K2	
83	4	A0	
84	2	A0	
85	1	A	
86	1	A3	
87	6	A0	
88	10	K3	
89	2	F5	
90	2	A0	
91	1	A0	
92	3	K5	
93	2	K0	
94	6	A0	
95	4	B5	
96	7	B8	
97	2	F8	
98	2	K2	
99	4	B9	
100	4	K0	
101	3	G5	
102	2	A0	
103	5	G0	
104	3	B9	
105	1	A2	
106	2	A3	
11.37 107	1	A2	
108	1	K0	

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1913phae.proj.2155C

82	−54°	2005	9	1.0	−54	20.1	9.0	✓
83	−54°	2002	9	0.7	−54	25.7	8.5	✓
84	−54°	2001	9	0.6	−54	7.2	8.8	✓
85	−54°	1998	9	0.5	−54	0.5	9.0	✓
86	−53°	2102	9	1.4	−53	44.6	9.0	✓
87	−53°	2122	9	2.8	−53	35.2	8.8	✓
88	−53°	2072	8	59.3	−53	3.4	7.1	✓
89	−53°	2082	9	0.2	−53	14.2	8.8	✓
90	−53°	2086	9	0.4	−53	12.1	8.8	✓
91	−53°	2092	9	0.8	−53	6.5	9.0	✓
92	−52°	1893	9	0.0	−52	24.1	8.8	✓
93	−52°	1908	9	0.8	−52	34.8	9.0	✓
94	−52°	1914	9	1.1	−52	35.6	8.4	✓
95	−52°	1916	9	1.4	−52	42.8	8.4	✓
96	−52°	1924	9	2.1	−52	18.0	8.4	✓
97	−52°	1928	9	2.2	−52	27.1	9.0	✓
98	−52°	1933	9	2.7	−52	32.0	8.8	✓
99	−52°	1932	9	2.7	−52	45.8	8.2	✓
100	−52°	1937	9	2.8	−52	1.8	8.5	✓
101	−51°	3504	9	3.4	−51	51.4	8.4	✓
102	−51°	3506	9	3.5	−51	59.9	9.5	✓
103	−52°	1904	9	0.6	−52	0.8	8.2	✓
104	−51°	3478	9	1.0	−51	28.5	8.6	✓
105	−51°	3483	9	1.5	−51	23.1	9.3	✓
106	−51°	3450	8	59.1	−51	50.8	9.4	✓
107	−51°	3454	8	59.3	−51	32.7	9.7	✓
108	−51°	3472	9	0.3	−51	29.8	9.2	✓

cards made out.

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1913phae.proj.2155C

Monday Sept 22, 1913.

B 40275

	No.	Int.	Class	Remarks
11.29	109	3	a5-	
m. a. g Rec.	110	1	a	
	111	4	a5-	
	112	7	B9	E
	113	1	K0	
	114	1	a	
	115	1	K2	
	116	1	G	
	117	1	K0	
	118	3	a3	
	119	3	a0	
	120	3	a0	
	121	1	K5-	
	122	6	a2	
	123	5	K0	
	124	2	B9	
	125	3	Mb	
	126	3	F2	
	127	4	a3	
	128	7	F0	
	129	5	a0	
	130	3	F0	
	131	1	B9	
	132	1	G5	
	133	2	a0	
	134	1	F8	
	135	1	a0	

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1913phae.proj.2155C

109	−51°	3445	8	58.9	−51	21.2	9.2 ✓
110	−51°	3441	8	58.8	−51	16.6	9.7 ✓
111	−51°	3416	8	56.5	−51	10.3	9.1 ✓
112	−51°	3041	8	24.7	−51	21.2	7.8 ✓
113	−52°	1490	8	24.7	−52	20.7	8.9 ✓
114	−52°	1495	8	25.1	−52	2.6	8.9 ✓
115	−52°	1497	8	25.5	−52	32.6	9.1 ✓
116	−52°	1501	8	26.0	−52	38.0	8.9 ✓
117	−52°	1500	8	25.7	−52	50.6	8.9 ✓
118	−52°	1511	8	27.6	−52	15.7	8.7 ✓
119	−51°	3067	8	28.5	−51	50.2	9.3 ✓
120	−52°	1522	8	29.3	−52	7.2	8.6 ✓
121	−51°	3059	8	27.5	−51	21.2	9.0 ✓
122	−51°	3088	8	30.4	−51	43.7	8.1 ✓
123	−51°	3099	8	31.7	−51	23.0	7.8 ✓
124	−51°	3104	8	32.6	−51	30.7	9.1 ✓
125	−51°	3102	8	32.1	−51	53.6	7.7 ✓
126	−51°	3105	8	32.7	−51	54.2	8.9 ✓
127	−51°	3108	8	32.8	−51	47.3	8.8 ✓
128	−52°	1548	8	33.2	−52	4.8	8.0 ✓
129	−52°	1545	8	32.9	−52	36.0	8.2 ✓
130	−52°	1520	8	29.2	−52	58.9	8.5 ✓
131	−52°	1531	8	30.1	−52	55.1	8.9 ✓
132	−53°	1755	8	31.3	−53	3.3	8.9 ✓
133	−53°	1773	8	32.7	−53	2.7	8.8 ✓
134	−53°	1770	8	32.5	−53	10.9	8.9 ✓
135	−52°	1551	8	33.4	−52	58.0	9.0 ✓

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No.	Dur.	Class	Remarks
136	7	A0	
137	3	G5	
138	7	A0	
139	2	Ma	
140	2	A2	
141	2	F2	
142	7	B9	
143	1	K0	
144	2	A0	
145	1	F8	
146	1	A0	
147	1	G5	
148	1	K0	
149	6	A3	
150	5	G5	
151	7	A0	
152	4	A0	
153	5	B8	
154	7	A2	
155	1	A0	
156	1	K2	
157	2	F5	
158	2	K2	
159	2	F5	
160	4	K0	
161	7	A2	
162	2	F5	

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136	−52°	1652	8	33.7	−52	49.3	7.5 ✓
137	−53°	1780	8	34.0	−53	9.5	8.4 ✓
138	−53°	1789	8	34.9	−53	17.0	7.8 ✓
139	−53°	1793	8	35.3	−53	4.9	8.8 ✓
140	−52°	1574	8	35.8	−52	50.6	8.8 ✓
141	−52°	1578	8	36.2	−52	31.2	8.8 ✓
142	−52°	1581	8	36.5	−52	49.1	7.4 ✓
143	−53°	1808	8	36.8	−53	0.0	9.0 ✓
144	−53°	1817	8	37.5	−53	19.6	9.0 ✓
145	−53°	1819	8	37.8	−53	11.4	9.0 ✓
146	−52°	1595	8	37.8	−52	51.2	9.2 ✓
147	−52°	1592	8	37.6	−52	27.4	9.2 ✓
148	−52°	1597	8	37.9	−52	32.9	9.2 ✓
149	−52°	1598	8	38.2	−52	36.9	7.9 ✓
150	−52°	1599	8	38.5	−52	18.5	8.3 ✓
151	−52°	1601	8	38.6	−52	31.1	7.5 ✓
152	−52°	1600	8	38.6	−52	42.6	8.4 ✓
153	−52°	1603	8	38.7	−52	55.4	7.5 ✓
154	−52°	1622	8	39.5	−52	37.6	8.0 ✓
155	−52°	1619	8	39.4	−52	57.8	9.3 ✓
156	−52°	1593	8	37.8	−52	9.2	9.4 ✓
157	−52°	1608	8	38.9	−52	4.7	9.1 ✓
158	−52°	1617	8	39.3	−52	4.0	8.9 ✓
159	−52°	1625	8	39.7	−52	9.2	8.8 ✓
160	−51°	3167	8	39.7	−51	45.6	7.7 ✓
161	−51°	3173	8	39.8	−51	33.2	8.2 ✓
162	−51°	3196	8	41.9	−51	57.8	9.2 ✓

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No.	Dist.	Class	Remarks.
163	2	K2	
164	7	a0	
165	3	a0	
166	6	B9	
167	2	K0	
168	3	a2	
169	6	a3	
170	1	K0	another clear super. at south.
171	1	a0	
172	5	a0	
173	2	a0	
174	1	G5	
175	2	F2	
176	5	K2	
177	1	K5	
178	1	a	
179	4	B9	
180	4	a0	
181	6	B8	
182	8	B8	
183	2	B8	
184	1	a	
185	1	F0	
186	1	a	
187	1	K5	
188	1	a0	
189	5	B5	

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163	−52°	1651	8	42.7	−52	4.0	9.0 ✓
164	−52°	1634	8	41.2	−52	37.5	7.5 ✓
165	−52°	1639	8	41.9	−52	28.8	8.7 ✓
166	−52°	1640	8	42.1	−52	30.9	7.8 ✓
167	−52°	1647	8	42.5	−52	34.2	8.9 ✓
168	−52°	1648	8	42.6	−52	40.3	8.3 ✓
169	−52°	1652	8	42.7	−52	23.1	7.6 ✓
170	−52°	1657	8	42.9	−52	25.1	8.7 ✓ 8.9 −52° 1655 superseded
171	−52°	1665	8	43.3	−52	31.7	9.0 ✓
172	−52°	1684	8	45.4	−52	38.4	8.2 ✓
173	−52°	1685	8	45.5	−52	27.0	8.6 ✓
174	−52°	1692	8	45.9	−52	0.8	9.0 ✓
175	−51°	3263	8	46.1	−51	36.6	9.5 ✓
176	−51°	3267	8	46.7	−51	25.7	7.9 ✓
177	−52°	1712	8	47.6	−52	21.5	9.0 ✓
178	−52°	1707	8	47.3	−52	21.8	9.1 ✓
179	−51°	3314	8	49.6	−51	59.3	9.0 ✓
180	−52°	1747	8	49.9	−52	4.6	8.5 ✓
181	−52°	1751	8	50.2	−52	8.6	8.2 ✓
182	−51°	3325	8	50.2	−51	59.8	8.1 ✓
183	−52°	1753	8	50.3	−52	25.6	8.7 ✓
184	−52°	1760	8	50.8	−52	31.1	9.1 ✓
185	−52°	1785	8	52.4	−52	40.3	9.2 ✓
186	−52°	1786	8	52.5	−52	22.9	9.2 ✓
187	−52°	~~1753~~ 1794	8	~~50.3~~ 52.8	−52	~~25.6~~ 25.7	~~8.7~~ 9.2 ✓
188	−52°	1800	8	53.0	−52	28.8	9.0 ✓
189	−52°	1806	8	53.4	−52	13.2	7.8 ✓

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No	Dist.	class	Remarks
190	3	B9	Partly super. on 189
191	3	A0	
192	3	K2	
193	1	K2	
194	1	G5	
195	1	K2	
196	1	A	
197	5	A0	
198	1	F8	
199	2½	F2	
200	1	F2	
201	4	A	Partly super. on 202.
202	4	A0	
203	1	K0	
204	1	A	
205	1	A	
206	1	K0	
207	2	B9	
208	3	A3	
209	1	A	
210	1	G5	(The prec. of two)
211	2	A2	
212	5	B9	
213	3	B9	
214	1	A	~~another star super.~~ Hyd. lines $\gamma = 52°.172$ sup.
215	2	K0	
216	2	A0	

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1913phae.proj.2155c

190	-52°	1807	8	53.5	-52	16.5	8.3 ✓
191	-52°	1819	8	54.5	-52	43.7	8.6 ✓
192	-52°	1829	8	55.3	-52	51.5	8.6 ✓
193	-53°	2007	8	53.5	-53	6.9	8.8 ✓
194	-53°	1991	8	51.7	-53	30.1	9.0 ✓
195	-53°	1993	8	51.8	-53	26.5	9.2 ✓
196	-53°	1994	8	51.9	-53	20.3	9.1 ✓
197	-53°	1998	8	52.7	-53	19.1	8.2 ✓
198	-53°	2001	8	53.1	-53	19.9	8.9 ✓
199	-53°	2008	8	53.9	-53	22.9	8.8 ✓
200	-53°	2000	8	52.8	-53	50.5	8.8 ✓
201	-53°	2003	8	53.2	-53	48.2	8.4 ✓
202	-53°	2004	8	53.2	-53	44.1	8.6 ✓
203	-54°	1927	8	51.7	-54	0.1	9.1 ✓
204	-53°	2020	8	54.9	-53	50.0	9.1 ✓
205	-53°	2022	8	55.0	-53	19.2	9.2 ✓
206	-53°	2019	8	54.8	-53	12.2	9.2 ✓
207	-53°	2035	8	56.2	-53	5.0	9.0 ✓
208	-53°	2055	8	57.6	-53	3.4	8.6 ✓
209	-52°	1839	8	56.0	-52	48.3	9.2 ✓
210	-52°	1842	8	56.2	-52	41.9	9.1 ✓
211	-52°	1858	8	57.7	-52	25.4	8.9 ✓
212	-52°	1862	8	58.1	-52	24.7	8.2 ✓
213	-52°	1867	8	58.5	-52	20.9	8.9 ✓
214	-52°	1871	8	58.7	-52	23.8	9.3 ✓ -52° 1871 2 superposed 9.4 6
215	-50°	3434	8	33.7	-50	49.6	9.1 ✓
216	-50°	3432	8	33.6	-50	34.4	9.4 ✓

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No.	Dur.	Class	Remarks
217	2	a0	
218	4	G5	
219	2	a0	
220	2	a3	
221	1	a0	
222	2	F5	
223	3	B8	
224	1	G5	
225	3	F2	
226	1	F5	
227	3	a0	
228	5	a3	
229	5	a5	
230	8	B8	
231	1	K5	
232	3	G5	
233	4	a0	
234	3	K5	
235	1	a2	
236	7	G5	
237	1	K2	
238	1	a2	
239	2	a3	
240	1	K5	Partly superi. on 241.
241	4	a0	
242	1	a	
243	1	a	

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1913phae.proj.2155C

217	-50°	3448	8	34.6	-50	41.8	9.3	✓
218	-50°	3453	8	35.0	-50	49.8	7.5	✓
219	-51°	3133	8	35.3	-51	8.5	9.2	✓
220	-51°	3130	8	35.2	-51	15.8	9.4	✓
221	-51°	3113	8	33.6	-51	37.8	9.4	✓
222	-52°	1554	8	33.9	-52	12.5	8.7	✓
223	-52°	1539	8	31.5	-52	20.0	8.7	✓
224	-52°	1557	8	34.2	-52	25.9	9.1	✓
225	-52°	1569	8	35.5	-52	16.1	8.7	✓
226	-52°	1566	8	35.3 ~~35.2~~	-52	9.5	9.2	✓
227	-51°	3132	8	35.2	-51	43.5	8.9	✓
228	-51°	3135	8	35.7	-51	52.7	8.4	✓
229	-52°	1580	8	36.4	-52	15.6	8.6	✓
230	-51°	3141	8	36.5	-51	29.9	7.6	✓
231	-51°	3142	8	36.6	-51	6.0	9.3	✓
232	-51°	3160	8	38.7	-51	23.7	8.6	✓
233	-51°	3168 ~~3160~~	8	~~38.7~~ 39.1	-51	~~23.7~~ 13.0	8.6	✓
234	-50°	3474	8	36.8	-50	34.2	7.5	✓
235	-50°	3476	8	37.0	-50	40.9	10	✓
236	-50°	3478	8	37.0	-50	35.7	8.3	✓
237	-50°	3496	8	38.2	-50	21.6	9.1	✓
238	-50°	3494	8	38.1	-50	4.6	9.5	✓
239	-50°	3522	8	40.3	-50	2.3	9.4	✓
240	-50°	3541	8	41.7	-50	17.8	8.7	✓
241	-50°	3542	8	41.7	-50	16.6	9.0	✓
242	-50°	3510	8	39.5	-50	38.7	9.6	✓
243	-51°	3190	8	41.3	-51	11.4	9.4	✓

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No	Int.	Class	Remarks
244	1	F	
245	1	K5	
246	1	A3	
247	3	A2	
248	5	F0	
249	6	G0	
250	5	A0	
251	3	A0	
252	2	F8	
253	3	A2	
254	3	K0	
255	5	G0	
256	2	G5-	
257	2	A0	
258	5	B9	
259	4	B9	
260	4	F5-	
261	4	G5-	
262	7	B9	
263	2	A0	
264	2	B8	
265	5	A2	
266	2	A0	
267	2	G5-	
268	3	A2	
269	2	B8	Lines indistinct.
270	6	A0	

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244	-51°	3191	8	41.4	-51	5.6	9.4 ✓
245	-51°	3201	8	42.1	-51	7.6	8.8 ✓
246	-51°	3202	8	42.2	-51	5.3	9.3 ✓
247	-51°	3214	8	43.0	-51	39.4	9.2 ✓
248	-51°	3217	8	43.4	-51	31.5	8.3 ✓
249	-51°	3221	8	43.5	-51	27.6	7.9 ✓
	-51°	3228	8	43.9	-51	8.4	9.6
250	~~-53°~~	~~2000~~	~~8~~	~~52.8~~	~~-53~~	~~50.5~~	~~8.8~~ ✓
251	-50°	3574	8	44.3	-50	26.5	8.9 ✓
252	-50°	3582	8	44.8	-50	45.0	9.3 ✓
253	-50°	3591	8	45.3	-50	52.7	9.3 ✓
254	-49°	3856	8	45.4	-49	50.5	8.4 ✓
255	-50°	3602	8	46.3	-50	7.5	8.2 ✓
256	-50°	3617	8	47.5	-50	18.7	9.1 ✓
257	-50°	3631	8	48.2	-50	41.1	9.5 ✓
258	-50°	3637	8	48.8	-50	57.4	8.7 ✓
259	-51°	3308	8	49.2	-51°	0.7	8.9 ✓
260	-50°	3647	8	49.5	-50	48.0	8.9 ✓
261	-51°	3323	8	50.2	-51	6.4	8.7 ✓
262	-51°	3326	8	50.3	-51	13.4	8.0 ✓
263	-50°	3636	8	48.7	-50	40.6	9.6 ✓
264	-50°	3646	8	49.5	-50	39.6	9.2 ✓
265	-50°	3654	8	49.9	-50	11.8	9.0 ✓
266	-50°	3659	8	50.4	-50	20.3	9.4 ✓
267	-50°	3658	8	50.3	-50	40.4	9.2 ✓
268	-50°	3660	8	50.5	-50	39.4	9.3 ✓
269	-50°	3671	8	51.0	-50	23.2	9.3 ✓
270	-50°	3685	8	51.9	-50	22.5	8.5 ✓

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No	Int.	Class	Remarks
271	6	75	
272	4	78	
273	8	a2	
274	2	a0	
275	1	K5	
276	2	B9	
277	3	70	
278	1	K0	
279	1	K5	
280	1	75	
281	1	K0	
282	1	K2	
283	1	a2	
284	1	a	
285	1	a3	
286	1	G	
287	2	K0	
288	3	K0	
289	3	a2	
290	8	G5	
291	4	a2	
292	4	G5	
293	3	a3	
294	3	G0	
295	3	a0	
296	1	a0	
297	8	a2	

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1913phae.proj.2155c

271	-50°	3704	8	53.2	-50	35.3	7.9 ✓
272	-50°	3713	8	53.7	-50	39.1	8.8 ✓
273	-51°	3354	8	52.0	-51	6.4	7.8 ✓
274	-51°	3313	8	49.6	-51	36.5	9.6 ✓
275	-51°	3295	8	48.4	-51	16.0	9.1 ✓
276	-51°	3340	8	51.2	-51	47.8	9.6 ✓
277	-51°	3376	8	53.1	-51	20.4	9.1 ✓
278	-51°	3374	8	53.0	-51	35.8	9.4 ✓
279	-52°	1778	8	52.0	-52	7.8	9.1 ✓
280	-51°	3383	8	53.6	-51	36.3	9.6 ✓
281	-51°	3382 ~~3323~~	8	53.5 ~~50.2~~	-51	11.5 ~~6.4~~	9.3 ~~8.7~~ ✓
282	-52°	1835	8	55.7	-52	19.3	9.1 ✓
283	-52°	1844	8	56.3	-52	12.1	9.1 ✓
284	-51°	3417	8	56.5	-51	57.7	9.5 ✓
285	-51°	3419	8	56.5	-51	~~57.7~~ 45.2	~~9.4~~ 9.6 ✓
286	-51°	3405	8	55.6	-51	49.0	9.6 ✓
287	-51°	3507	9	3.6	-51	23.7	8.7 ✓
288	-51°	3518	9	4.4	-51	15.1	8.6 ✓
289	-51°	3542	9	5.5	-51	45.1	9.4 ✓
290	-51°	3553	9	6.0	-51	34.6	7.1 ✓
291	-52°	1997	9	5.8	-52	14.5	8.6 ✓
292	-52°	2008	9	6.3	-52	8.4	8.6 ✓
293	-52°	2010	9	6.5	-52	6.8	8.7 ✓
294	-52°	1986	9	5.4	-52	29.6	9.0 ✓
295	-52°	2002	9	6.2	-52	38.2	8.6 ✓
296	-52°	2011	9	6.5	-52	38.1	9.0 ✓
297	-53°	2164	9	5.0	-53	5.3	7.7 ✓

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No	Dur.	Class	Remarks
298	1	a	
299	1	a	
300	2	a0	
301	1	G5	
302	3	a0	
303	3	B8	
304	6	a2	
305	1	a5	
306	1	K5	
307	2	K2	
308	2	K0	
309	4	F5	
310	7	B8	
311	2	K5	
312	3	a0	
313	6	a3	
314	7	a0	
315	3	a0	
316	3	a2	
317	1	a	E
318	2	a	E
319	2	a	E
320	4	G	E
321	1	K5	
322	2	a0	
323	3	a0	
324	1	a0	another star super. at north

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298	-52°	1957	9		3.8	-52	39.8	9.0 ✓
299	-52°	1965	9		4.4	-52	48.1	9.0 ✓
300	-52°	1976	9		4.9	-52	44.4	8.7 ✓
301	-53°	2169	9		5.4	-53	17.6	9.0 ✓
302	-53°	2157	9		4.7	-53	30.7	8.8 ✓
303	-53°	2158	9		4.8	-53	36.9	8.7 ✓
304	-53°	2150	9		4.3	-53	47.2	8.4 ✓
305	-53°	2128	9		3.2	-53	49.0	9.0 ✓
306	-54°	2034	9		3.7	-54	7.0	9.1 ✓
307	-54°	2038	9		4.0	-54	4.2	9.0 ✓
308	-54°	2048	9		4.8	-54	0.0	9.2 ✓
309	-54°	2054	9		5.0	-54	4.1	8.6 ✓
310	-53°	2162	9		4.9	-53	51.9	7.6 ✓
311	-53°	2172	9		6.0	-53	54.2	8.8 ✓
312	-54°	2071	9		6.3	-54	11.2	8.5 ✓
313	-54°	2045	9		4.5	-54	35.6	8.2 ✓
314	-54°	2040	9		4.2	-54	49.2	8.0 ✓
315	-55°	1945	9		2.2	-55	14.3	8.4 ✓
316	-56°	1972	8		58.4	-56	52.2	8.6 ✓
317	-56°	2052	8 9		9.8	-56	9.2	9.0 ✓
318	-55°	2029	9		10.2	-55	53.7	8.6 ✓
319	-56°	2058	9		11.0	-56	43.2	8.4 ✓
320	-56°	2078	9		13.1	-56	13.6	8.0 ✓
321	-55°	2034	9		10.5	-55	34.4	9.0 ✓
322	-55°	2015	9		9.2	-55	17.4	8.6 ✓
323	-55°	2007	9		8.1	-55	6.2	8.6 ✓
324	-54°	1730	9		36.0	-54	55.6	9.0 ✓

cards made out.

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1913phae.proj.2155C

Monday Sept. 22, 1913
B 40275

	Nº	Int.	Class	Remarks
	325	1	K2	
	326	1	B9	
	327	4	G5	
	328	2	B9	
	329	1	F8	
	330	1	a2	
	331	1	a2	
	332	3	K0	
	333	2	a0	
	334	7	G5	
	335	3	a0	
	336	2	K0	
	337	2	a3	
	338	2	a0	
	339	1	K2	
12.07	340	1	a	
10.53 m.a.g. Sept. 23	341	6	B9	
	342	3	B9	
	343	5	B9	
	344	4	B9	
	345	2	a0	
	346	1	K2	
	347	2	a3	
	348	3	a0	
	349	3	a0	
	350	2	G0	
	351	4	a0	E

~~Sept. 1, 55, 14~~

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1913phae..proj..2155C

325	-54°	1718	8	34.6	-54	43.1	9.3 ✓
326	-54°	1753	8	38.1	-54	32.1	9.1 ✓
327	-54°	1758	8	38.4	-54	19.5	8.7 ✓
328	-54°	1759	8	38.4	-54	31.0	9.0 ✓
329	-54°	1766	8	39.4	-54	47.0	9.1 ✓
330	-54°	1781	8	40.6	-54	24.6	9.2 ✓
331	-54°	1798	8	42.0	-54	50.5	9.2 ✓
332	-54°	1802	8	42.3	-54	45.9	8.7 ✓
333	-54°	1805	8	42.5	-54	46.0	9.2 ✓
334	-54°	1806	8	42.5	-54	~~46.0~~ 30.1	~~9.2~~ 7.9 ✓
335	-54°	1813	8	43.3	-54	21.7	8.6 ✓
336	-54°	1816	8	43.7	-54	19.9	8.9 ✓
337	-55°	1725	8	42.4	-55	~~10.2~~ 76.6	9.3 ✓
338	-54°	1847	8	46.1	-54	23.7	8.9 ✓
339	-54°	1864	8	47.0	-54	7.8	9.2 ✓
340	-54°	1860	8	46.8	-54	0.2	9.2 ✓
341	-52°	2017	9	6.8	-52	32.0	8.0 ✓
342	-53°	2203	9	7.7	-53	35.8	8.4 ✓
343	-53°	2209	9	8.2	-53	26.9	7.6 ✓
344	-53°	2227	9	9.5	-53	28.0	7.9 ✓
345	-53°	2195	9	7.4	-53	58.1	8.6 ✓
346	-53°	2186	9	6.8	-53	44.3	9.2 ✓
347	-54°	2090	~~8~~ 9	8.4	-54	38.9	~~8.8~~ ✓
348	-54°	2100	9	9.5	-54	33.9	8.7 ✓
349	-54°	2108	9	10.0	-54	12.7	8.6 ✓
350	-54°	2112	9	10.5	-54	8.6	8.8 ✓
351	-54°	2133	9	~~10.0~~ 12.0	-54	0.2	8.4 ✓

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1913phae.proj.2155C

Tuesday Sept. 23, 1913
B40275

	N°	Int.	Class	Remarks
	352	2	F8	E
	353	1	A0	E
	354	2	K0	E
	355	1	A0	E
	356	2	A0	E
	357	2	A	E
	358	2	A	E
	359	3	A0	
12.03	360	2	A	

cmk. 135.94

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352	−53°	2241	9	10.9	−53	7.6	8.6 ✓
353	−53°	2247	9	11.0	−53	1.9	8.8 ✓
354	−52°	2149	9	11.8	−52	57.7	9.0 ✓
355	−52°	2126	9	11.2	−52	47.9	8.0 ✓
356	−52°	2116	9	10.8	−52	45.3	8.9 ✓
357	−52°	2185	9	13.5	−52	18.8	8.7 ✓
358	−51°	3698	9	14.9	−51	48.0	8.9 ✓
359	−51°	3571	9	7.1	−51	54.8	9.3 ✓
360	−53°	2217	9	8.6	−53	11.2	8.6 ✓

Identified by J.C.M. Nov. 12, 1913
Checked by A.M.C. Nov. 24, 1913
Cards made out by G.R.B.
Cards checked by A.M.C. Dec. 1, 1913

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1913phae.proj.2155C

Tuesday Sept. 23, 1913.

B38 415 cont. from p. 32

	No.	Int.	Class	Remarks
10.45	402	1	Ko	
m.a. G. Rc.	403	1	Ko	
	404	1	a o	
	405	1	Ko	
	406	5	a o	
	407	2	a o	
	408	3	a 2	
	409	4	75	
	410	1	a o	
	411	2	B9	
	412	2	a 5	
	413	1	a 5	
	414	7	Ko	
	415	2	a 2	another star super at north.
	416	4	a 2	
	417	1	a o	
	418	2	Ko	
	419	1	Ko	
	420	1	Ko	
	421	2	Ko	
	422	1	a 3	Parity super. on 421.
	423	1	70	
	424	1	75	
	425	3	a 3	
	426	1	a 3	Parity super. on 425
	427	1	Ko	
	428	3	Ko	

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1913phae..proj.2155C

402	-49°	4305	9	14.7	-49	41.5	9.6	∧ ∨
403	-49°	~~432~~ 4312	9	15.0	-49	11.2	9.8	∧ ∨
404	-49°	4325	9	16.2	-49	40.3	9.8	∧ ∨
405	-49°	4333	9	16.8	-49	45.7	9.8	∧ ∨
406	-50°	4026	9	15.7	-50	1.3	9.2	∧ ∨
407	-50°	4017	9	15.1	-50	11.8	9.7	∧ ∨
408	-50°	4013	9	14.8	-50	13.0	9.2	∧ ∨
409	-50°	4010	9	14.4	-50	4.4	9.2	∧ ∨
410	-50°	3998	9	13.9	-50	15.7	9.8	∧ ∨
411	-50°	3996	9	13.6	-50	13.4	9.6	∧ ∨
412	-50°	3995	9	13.4	-50	25.8	9.6	∧ ∨
413	-50°	3997	9	13.2	-50	18.4	9.9	∧ ∨
414	-50°	3990	9	13.3	-50	3.0	7.6	∧ ∨
415	-50°	3984	9	13.0	-50	6.2	9.8	∧ ∨ -50° 3985 superposed 10
416	-50°	3972	9	12.5	-50	25.2	9.1	-50° 3971 9 12.5-50 2N.8 ∧ ∨ magn. 9.8 superposed.
417	-50°	3975	9	12.7	-50	25.6	10	∧ ∨
418	-50°	3963	9	11.8	-50	49.2	9.2	∧ ∨
419	-50°	3946	9	10.0	-50	40.1	9.3	∧ ∨
420	-50°	3950	9	10.4	-50	21.4	9.8	-50° 3951 9 10.N -50 22.8 ∧ ∨ magn. 9 superposed.
421	-50°	3941	9	9.8	-50	22.0	9.0	∧ ∨
422	-50°	3942	9	9.9	-50	27.8	9.8	∧ ∨
423	-50°	3921	9	8.3	-50	30.4	9.8	∧ ∨
424	-50°	3924	9	8.4	-50	48.2	9.7	∧ ∨
425	-51°	3558	9	6.2	-51	1.8	9.5	∧ ∨
426	-50°	3895	9	6.1	-50	58.3	9.9	∧ ∨
427	-51°	3533	9	4.9	-51	5.7	9.3	∧ ∨
428	-51°	3572	9	7.1	-51	7.2	9.0	∧ ∨

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1913phae.proj.2155C

Tuesday Sept. 23, 1913.
B38 415

	No	Dist.	Class	Remarks
	429	3	B9	
	430	5	B8	
	431	5	B9	
	432	4	B9	
	433	3	B9	
	434	1	A0	
	435	1	~~A2~~	
	436	1	A0	
	437	1	K5	
	438	1	A0	
	439	1	A	nearly all super. on 4 138.
	440	2	K0	
	441	3	F5	
	442	1	K2	
10.50	443	1	A0	
	444	5	A5	

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429	-51°	3570	9	7.0	-51	22.8	9.2 ∧ ∨
430	-51°	3575	9	7.2	-51	36.0	9.0 ∧ ∨
431	-51°	3614	9	9.3	-51	40.0	8.8 ∧ ∨
432	-51°	3643	9	10.7	-51	46.7	9.0 ∧ ∨
433	-52°	2120	9	10.9	-52	10.2	9.0 ∧ ∨
434	-51°	3651	9	11.3	-51	31.0	9.8 ∧ ∨
435	-51°	3616	9	9.4	-51	2.2	10 ∧ ∨
436	-50°	3930	9	9.2	-50	52.3	9.7 ∧ ∨
437	-51°	3611	9	9.2	-51	28.9	9.1 ∧ ∨
438	-51°	3645	9	11.0	-51	3.2	9.4 ∧ ∨
439	-51°	3646	9	11.0	-51	6.5	9.4 ∧ ∨
440	-51°	3691	9	14.2	-51	10.1	9.3 ∧ ∨
441	-50°	4037	9	16.3	-50	15.8	8.9 ∧ ∨
442	-50°	4044	9	16.5	-50	10.3	8.7 ∧ ∨
443	-50°	4048	9	17.0	-50	15.8	10 ∧ ∨

Identified by J. C. M. Nov. 7. 1913
Checked Dec. 17th. 1913 J.D.W.
Cards made out by G.R.B.
Cards checked by A.M.C.

✓ 444 8 -46° 4823 8 16.1 146 14 8.9 15F m B,1916

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1913phae.proj.2155C

Wednesday Sept. 24, 1913.
B 1843 6 Short Disp

11.20	No	Dist.	class	Remarks
	1	6	a2	
	2	2	K0	
	3	1	a3	
	4	2	F8	
	5	8	a0	
	6	2	a0	
	7	4	a0	
	8	1	a0	
	9	2	G5	
	10	4	K2	
	11	4	a2	
	12	3	F5	
	13	3	K0	
	14	7	K0	
	15	8	F2	
	16	2	a5	
	17	3	a2	
	18	1	a	
	19	1	K	
	20	2	K2	
	21	4	K0	
	22	7	a0	
	23	7	F8	
	24	9	a0	
	25	2	a0	
	26	2	a0	
	27	7	a3	

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1913phae.proj.2155c

1	-35°	5454	9	6.4	-35	14.6	7.4 ✓
2	-35°	5472	9	7.5	-35	10.1	7.9 ✓
3	-35°	5482	9	8.1	-35	21.7	9.0 ✓
4	-35°	5484	9	8.3	-35	28.1	8.8 ✓
5	-35°	5504	9	9.7	-35	27.0 ~~34.7~~	7.5 ~~9.3~~ ✓
6	-35°	5502	9	9.7	-35	34.7	9.3 ✓
7	-34°	5735	9	10.8	-34	54.7	8.5 ✓
8	-35°	5515	9	10.5	-35	11.1	9.5 ✓
9	-35°	5533	9	11.6	-35	14.7	8.5 ✓
10	-35°	5549	9	12.7	-35	9.9	7.5 ✓
11	-34°	5764	9	12.8	-34	49.9	8.0 ✓
12	-35°	5558	9	13.4	-35	12.2	8.6 ✓
13	-35°	5559	9	13.4	-35	27.1	8.3 ✓
14	-34°	5790	9	14.8	-34	58.5	7.1 ✓
15	-34°	5809	9	16.1	-34	49.8	7.7 ✓
16	-35°	5597	9	15.6	-35	15.5	9.5 ✓
17	-35°	5594	9	15.4	-35	22.7	8.7 ✓
18	-35°	5596	9	15.6	-35	24.8	9.3 ✓
19	-34°	5819	9	17.0	-34	50.3	9.0 ✓
20	-34°	5818	9	16.9	-34	30.7	8.3 ✓
21	-34°	5822	9	17.2	-34	26.4	7.7 ✓
22	-34°	5828	9	17.8	-34	20.3	8.0 ✓
23	-34°	5827	9	17.7	-34	59.5	7.5 ✓
24	-34°	5839	9	18.7	-34	43.1	6.7 ✓
25	-35°	5652	9	18.6	-35	16.5	8.9 ✓
26	-35°	5642	9	17.9	-35	32.2	8.9 ✓
27	-35°	5664	9	19.9	-35	22.0	7.5 ✓

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1913phae.proj.2155C

Wednesday Sept. 24, 1913.
B 18436

No.	Dur.	class	
28	3	F 8	
29	5	a 3	
30	2	K 2	
31	6	a 5	
32	5	B 9	
33	1	a 0	
34	4	F 8	
35	3	F 2	
36	6	F 5	
37	10	K 0	
38	3	a 0	
39	2	a 0	
40	9	a 3	
41	8	B 9	
42	2	a 0	
43	4	a 0	
44	2	a 0	
45	8	K 0	
46	7	a 0	
47	2	a 2	
48	1	F 0	
49	2	a 0	Partly super. on 50.
50	4	a 0	
51	2	G 5	
52	7	K 0	
53	3	a 0	
54	3	K 0	

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1913phae.proj.2155c

28	-35°	5667	9	20.2	-35	24.3	8.5 ✓
29	-35°	5668	9	20.2	-35	51.2	7.7 ✓
30	-35°	5671	9	20.8	-35	48.5	8.3 ✓
31	-35°	5673	9	20.9	-35	25.5	7.9 ✓
32	-35°	5684	9	21.7	-35	27.5	8.5 ✓
33	-35°	5676	9	21.2	-35	40.2	9.2 ✓
34	-35°	5698	9	22.4	-35	39.5	8.5 ✓
35	-35°	5710	9	23.4	-35	38.2	8.7 ✓
36	-35°	5716	9	23.6	-35	4.4	8.0 ✓
37	-35°	5724	9	24.1	-35	24.4	5.0 ✓
38	-34°	5879	9	21.4	-34	37.7	8.5 ✓
39	-34°	5889	9	22.1	-34	52.2	9.2 ✓
40	-34°	5895	9	22.5	-34	28.0	7.3 ✓
41	-34°	5905	9	23.1	-34	21.2	7.6 ✓
42	-34°	5917	9	23.9	-34	39.1	9.6 ✓
43	-34°	5924	9	24.6	-34	47.6	8.5 ✓
44	-34°	5950	9	26.2	-34	53.4	8.9 ✓
45	-35°	5751	9	26.3	-35	9.8	6.4 ✓
46	-35°	5746	9	26.0	-35	23.7	8.0 ✓
47	-35°	5727	9	24.3	-35	44.5	9.0 ✓
48	-35°	5732	9	24.7	-35	55.9	9.1 ✓
49	-35°	5738	9	25.2	-35	57.9	9.4 ✓
50	-36°	5724	9	25.2	-36	2.3	8.7 ✓
51	-36°	5730	9	25.6	-36	5.6	8.7 ✓
52	-36°	5740	9	26.4	-36	12.3	7.0 ✓
53	-35°	5754	9	26.6	-35	58.6	8.9 ✓
54	-36°	5745	9	26.8	-36	18.7	8.3 ✓

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1913phae.proj.2155C

Wednesday Sept. 24, 1913.
B 1.8436

		Int.	Class
	55	2	A2
	56	5	F0
	57	1	A0
	58	1	K2
	59	3	K2
	60	8	A0
	61	6	A0
	62	3	K0
	63	2	A5-
	64	2	F5-
	65	8	F5
	66	2	A3
11.28	67	5	A0
	68	3	A0
	69	5	G5-
	70	3	A0
	71	3	A0
	72	8	K0
	73	4	G5
	74	6	G5-
	75	1	G
	76	2	F8
	77	3	F0
	78	2	K0
	79	1	A Pasdy super on 80
	80	3	A0
	81	3	K0

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55	-36°	5744	9	26.8	-36	29.3	9.5 ✓
56	-36°	5757	9	27.6	-36	40.1	8.0 ✓
57	-36°	5764	9	28.1	-36	26.3	9.3 ✓
58	-36°	5775	9	28.6	-36	22.3	8.8 ✓
59	-36°	5786	9	29.2	-36	15.9	7.5 ✓
60	-35°	5778	9	28.0	-35	50.9	7.7 ✓
61	-35°	5790	9	28.9	-35	34.8	8.0 ✓
62	-35°	5764	9	27.1	-35	28.5	8.0 ✓
63	-34°	5975	9	27.9	-34	44.6	8.8 ✓
64	-35°	5783	9	28.4	-35	7.8	9.1 ✓
65	-35°	5803	9	30.0	-35	16.2	6.8 ✓
66	-35°	5805	9	30.3	-35	15.1	9.5 ✓
67	-35°	5818	9	31.0	-35	28.2	8.3 ✓
68	-35°	5815	9	30.9	-35	43.7	9.5 ✓
69	-35°	5820	9	31.2	-35	44.6	7.5 ✓
70	-35°	5825	9	31.7	-35	34.2	9.3 ✓
71	-35°	5830	9	31.9	-35	50.0	9.0 ✓
72	-35°	5833	9	32.3	-35	32.7	6.4 ✓
73	-35°	5850	9	33.6	-35	57.9	8.3 ✓
74	-36°	5827	9	32.8	-36	21.8	7.5 ✓
75	-36°	5816	9	31.7	-36	16.6	8.8 ✓
76	-36°	5820	9	31.8	-36	28.3	8.5 ✓
77	-36°	5822	9	32.1	-36	47.4	8.5 ✓
78	-35°	5492	9	8.9	-35	51.6	8.3 ✓
79	-35°	5517	9	10.6	-35	49.5	9.4 ✓
80	-35°	5519	9	10.8	-35	54.1	9.5 ✓
81	-35°	5546	9	12.5	-35	51.6	8.0 ✓

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1913phae.proj.2155C

Wednesday Sept. 24, 1913.
B 18436

No	Dut.	class	Remarks
82	1	A0	
83	1	K2	
84	3	K0	
85	10	G0	
86	6	K0	
87	3	F0	
88	7	G0	
89	~~4~~ 4	F0	
90	1	K5	
91	3	K2	
92	2	K0	The following of two.
93	1	K0	
94	3	F5	
95	2	G0	
96	2	A0	
97	2	K2	
98	6	B9	
99	1	A	
100	2	G5	
101	1	K0	
102	4	F2	
103	1	G0	
104	3	F8	
105	3	K0	
106	3	B9	
107	7	A0	
108	2	A5	

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1913phae.proj.2155c

82	−36°	5495	9	10.1	−36	37.8	9.3 ✓
83	−36°	5507	9	10.8	−36	42.7	8.8 ✓
84	−37°	5572	9	9.7	−37	11.9	8.5 ✓
85	−37°	5578	9	10.0	−37	5.1	6.6 ✓
86	−37°	5590	9	10.9	−37	6.2	7.3 ✓
87	−37°	5618 (8)	9	12.5 (6)	−37	~~34.5~~ 29.5	~~9.6~~ 8.7 ✓
88	−36°	5543	9	13.0	−36	51.7	7.3 ✓
89	−36°	5560	9	13.8	−36	53.2	8.5 ✓
90	−36°	5572	9	14.8	−36	34.3	8.2 ✓
91	−36°	5578	9	15.2	−36	25.6	7.8 ✓
92	−36°	5575	9	15.0	−36	2.4	8.5 ✓
93	−36°	5584 (7)	9	15.4 (7)	−36	~~23.3~~ 17.6	~~9.3~~ 8.7 ✓
94	−36°	5594	9	16.2	−36	19.8	8.8 ✓
95	−36°	5596	9	16.3	−36	14.3	9.0 ✓
96	−35°	5622	9	17.2	−35	55.9	8.9 ✓
97	−36°	5631	9	18.7	−36	7.6	8.0 ✓
98	−36°	5642	9	19.5	−36	24.4	8.0 ✓
99	−36°	5640	9	19.4	−36	33.4	9.4 ✓
100	−36°	5644	9	19.8	−36	46.1	8.3 ✓
101	−36°	5649	9	19.8	−36	42.5	9.0 ✓
102	−36°	5657	9	20.5	−36	43.9	8.7 ✓
103	−36°	5654	9	20.3	−36	29.4	9.3 ✓
104	−36°	5658	9	20.6	−36	15.7	8.6 ✓
105	−36°	5662	9	21.0	−36	14.5	8.5 ✓
106	−36°	5671	9	21.6	−36	18.0	9.1 ✓
107	−36°	5682	9	22.3	−36	20.0	7.3 ✓
108	−36°	5680	9	22.2	−36	46.0	9.5 ✓

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1913phae.proj.2155C

Wednesday Sept. 24, 1913

B 18436

18h	2ut.	class	Remarks
109	2	F0	
110	4	A0	
111	7	A0	
112	1	A2	
~~113~~	2		~~Too much super. on 114.~~ Cancel
114	2	F5	Another star superposed at west.
115	4	F8	
116	2	K2	
117	6	A0	
118	9	A2	
119	1	G5	
120	3	A0	
121	4	F5	
122	2	K2	
123	3	A0	
124	5	A0	
125	5	A0	
126	7	G0	
127	1	K0	
128	4	A3	
129	2	K0	
130	2	A0	
131	1	K	Partly super. on 130.
132	5	A0	
133	3	G0	Nearly all super. on 134
134	3	G0	
135	2	K0	

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109	-36°	5688	9	22.7	-36	48.5	9.0	✓
110	-36°	5711	9	23.7	-36	22.8	8.5	✓
111	-36°	5723	9	25.1	-36	32.3	8.3	✓
112	-36°	5722	9	25.1	-36	21.3	9.4	✓
Omit	113 -36°	5726	9	25.4	-36	25.3	9.0	✓
	114 -36°	5726	9	25.4	-36	28.3	9.0	✓
115	-37°	5811	9	23.9	-37	17.6	8.3	✓
116	-37°	5806	9	23.4	-37	33.5	8.0	✓
117	-37°	5803	9	23.3	-37	40.5	7.7	✓
118	-37°	5817	9	24.2	-37	51.7	6.6	✓
119	-37°	5824	9	24.8	-37	38.2	9.0	✓
120	-37°	5835	9	25.5	-37	48.4	9.0	✓
121	-37°	5838	9	25.7	-37	52.4	8.5	✓
122	-38°	5652	9	26.4	-38	3.7	8.4	✓
123	-37°	5856	9	27.3	-37	53.4	9.0	✓
124	-37°	5858	9	27.4	-37	46.0	8.0	✓
125	-37°	5864	9	27.9	-37	36.5	8.3	✓
126	-38°	5679	9	28.3	-38	5.4	7.4	✓
127	-37°	5878	9	28.8	-37	50.4	9.0	✓
128	-37°	5884	9	29.2	-37	31.8	8.5	✓
129	-37°	5894	9	30.0	-37	32.5	8.3	✓
130	-37°	5876	9	28.7	-37	18.0	9.3	✓
131	-37°	5877	9	28.8	-37	14.0	8.8	✓
132	-36°	5787	9	29.4	-36	51.5	8.3	✓
133	-36°	5788	9	29.7	-36	43.1	8.6	✓
134	-36°	5790	9	29.7	-36	41.5	8.5	✓
135	-37°	5926	9	32.1	-37	25.0	8.6	✓

mags. 9.0 superposed -36° 5726

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Wednesday Sept. 24, 1913
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No.	Int.	Class	Remarks
136	2	G5	
137	3	F8	
138	2	F0	
139	5	A0	
140	3	K2	
141	1	K2	
142	10+	K0	
143	2	F2	
144	1	Ma	
145	2	F5	
146	3	F2	
147	9	A0	
148	4	F0	
149	2	A0	
150	4	K0	
151	1	B8	
152	2	A5	
153	2	K0	
154	2	K5	
155	1	A	
156	2	G5	
157	2	K5	Another star superimposed?
158	7	K0	
159	2	G5	
160	1	A0	
161	1	K0	
162	1	G0	

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136	-37°	5930	9	32.8	-37	16.0	8.9	✓
137	-37°	5924	9	32.0	-37	43.4	8.5	✓
138	-37°	5925	9	32.0	-37	50.4	9.0	✓
139	-38°	5736	9	32.1	-38	8.4	8.6	✓
140	-38°	5704	9	30.3	-38	20.3	7.8	✓
141	-38°	5707	9	30.5	-38	17.4	9.1	✓
142	-38°	5408	9	10.7	-38	3.0	5.5	–
143	-38°	5421	9	11.4	-38	15.2	9.2	✓
144	-38°	5422	9	11.5	-38	8.2	9.0	✓
145	-38°	5438	9	12.4	-38	1.4	9.3	✓
146	-38°	5449	9	12.8	-38	8.1	8.8	✓
147	-38°	5457	9	13.6	-38	31.2	7.2	–
148	-38°	5465	9	14.4	-38	20.2	8.5	✓
149	-38°	5470	9	14.8	-38	30.9	9.5	✓
150	-38°	5463	9	14.0	-38	54.5	7.7	✓
151	-38°	5492	9	15.9	-38	12.4	9.3	✓
152	-38°	5495	9	16.2	-38	14.8	8.8	✓
153	-37°	5701	9	17.6	-37	56.0	8.3	✓
154	-37°	5651	9	14.6	-37	37.2	8.4	✓
155	-37°	5640	9	14.0	-37	4.2	9.3	✓
156	-36°	5581	9	15.2	-36	49.6	8.8	✓ ✓ 9.1
157	-36°	5582	9	15.4	-36	48.1	8.0	-36° 5583 superfund
158	-37°	5668	9	15.5	-37	3.1	6.7	✓
159	-37°	5666	9	15.4	-37	19.6	8.7	✓
160	-37°	5690	9	16.8	-37	21.6	9.0	✓
161	-36°	5600	9	16.6	-36	39.4	8.5	✓
162	-36°	5625	✓	~~17.5~~	~~-36~~	~~50.1~~	9.3	✓ ~~-36° 5625 superfund~~
	~~-36°~~	~~5630~~	9	18.8	-36	~~52.6~~	~~9.4~~	

Code Number Comparison sheet this Cards made out

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No	Int.	Class	
163	9	B9	
164	3	A0	
165	1	K0	
166	4	F5	
167	2	A0	
168	2	K0	
169	4	A2	
170	7	B9	
171	1	G5	
172	1	K5	
173	1	F8	
174	2	F0	
175	3	A0	
176	2	F2	
177	4	A0	
178	3	K2	
179	3	F2	
180	4	K2	
181	4	K0	
182	1	A	
183	2	K0	
184	2	A0	Partly super. on 185
185	7	K0	
186	3	K2	
187	1	A	
188	2	A0	
189	10	A2	

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163	-37°	5721	9	18.7	-37	13.4	6.9 ✓
164	-37°	5719	9	18.5	-37	35.8	8.8 ✓
165	-37°	5717	9	18.4	-37	48.3	8.5 ✓
166	-38°	5527	9	18.6	-38	2.7	8.4 ✓
167	-38°	5526	9	18.3	-38	12.1	9.4 ✓
168	-38°	5543	9	19.4	-38	17.0	8.8 ✓
169	-38°	5553	9	20.2	-38	3.7	8.5 ✓
170	-37°	5748	9	20.1	-37	32.8	8.0 ✓
171	-37°	5741	9	19.7	-37	31.5	8.9 ✓
172	-37°	5724	9	18.8	-37	40.0	8.5 ✓
173	-37°	5742	9	19.7	-37	19.6	9.3 ✓
174	-37°	5743	9	19.8	-37	9.8	9.1 ✓
175	-37°	5755	9	20.7	-37	3.6	8.6 ✓
176	-37°	5776	9	21.6	-37	40.8	9.0 ✓
177	-38°	5542	9	19.4	-38	34.2	8.9 ✓
178	-39°	5432	9	16.6	-39	10.0	7.7 ✓
179	-38°	5505	9	17.0	-38	54.0	8.5 ✓
180	-38°	5514	9	17.4	-38	51.0	7.5 ✓
181	-38°	5517	9	17.6	-38	47.0	7.8 ✓
182	-38°	5510	9	17.2	-38	25.7	9.5 ✓
183	-39°	5442	9	17.5	-39	6.6	8.5 ✓
184	-39°	5446	9	17.7	-39	14.4	7.1 ✓
185	-39°	5446	9	17.7	-39	14.4	7.1 ✓
186	-39°	5452	9	18.1	-39	24.7	8.7 ✓
187	-39°	5460	9	18.7	-39	17.7	9.7 ✓
188	-39°	5469	9	19.3	-39	13.6	9.0 ✓
189	-38°	5541	9	19.3	-38	54.0	6.5 ✓

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1913phae.proj.2155C

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No.	Int.	class	Remarks
190	3	a5	
191	3	K2	
192	10	F0	
193	4	B9	
194	3	a0	
195	2	a2	
196	2	a0	
197	3	B3	
198	5	K0	
199	2	a0	
11.50 M.a.t. Recorder 200	2	K0	
Thursday Sept 25, 1913 9.45 201	7	B9	
202	8	F2	Another star superposed on preceding side
203	3	G5	
204	3	F5	Partly superposed on 205
205	6	a2	
206	1	a0	
207	3	K0	
208	3	K0	
209	3	K2	
210	7	a3	
211	2	a2	
212	3	K5	Poor focus, perhaps Mar
213	4	F0	
214	4	a3	
215	4	G5	
216	5	B9	

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1913phae.proj.2155C

190	-39°	5491	9	20.5	-39	41.2	8.5 ✓
191	-39°	5494	9	20.7	-39	47.1	7.5 ✓
192	-39°	5507	9	21.6	-39	57.8	6.8 ✓
193	-39°	5517	9	22.2	-39	49.5	8.9 ✓
194	-39°	5513	9	22.0	-39	21.7	9.0 ✓
195	-38°	5592	9	22.7	-38	55.0	9.0 ✓
196	-38°	5602	9	23.1	-38	41.6	9.5 ✓
197	-38°	5612	9	23.8	-38	34.2	9.2 ✓
198	-38°	5620	9	24.2	-38	28.2	7.5 ✓
199	-38°	5638	9	25.6	-38	25.5	9.7 ✓
200	-38°	5649	9	26.2	-38	23.9	8.9 ✓
201	-38°	5667	9	27.0	-38	22.9	7.4 ✓
202	-38°	5676	9	28.1	-38	34.9	6.8 ✓ -38° 5675 preceding 9.5
203	-38°	5680	9	28.4	-38	49.0	8.7 ✓
204	-38°	5693	9	29.4	-38	49.6	8.7 ✓
205	-38°	5694	9	29.5	-38	52.9	8.5 ✓
206	-38°	5690	9	29.1	-38	29.9	9.6 ✓
207	-38°	5644	9	25.9	-38	42.6	8.3 ✓
208	-38°	5665	9	26.9	-38	50.0	8.5 ✓
209	-39°	5599	9	27.0	-39	10.1	8.4 ✓
210	-39°	5586	9	26.1	-39	24.3	8.3 ✓
211	-39°	5579	9	25.8	-39	11.2	9.0 ✓
212	-39°	5572	9	25.3	-39	47.5	8.0 ✓
213	-39°	5580	9	25.8	-39	55.4	3.7 ✓
214	-39°	5584	9	25.9	-39	52.6	8.7 ✓
215	-39°	5589	9	26.5	-39	43.6	8.2 ✓
216	-38°	5388	9	9.4	-38	1.0	8.6 ✓

Trail of

cards made out

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1913phae.proj.2155C

Thursday Sept. 25, 1913

B18436

No.	Int.	class	Remarks
217	2	F0	
218	1	F2	
219	1	A	
220	1	A	
221	1	G5	
222	4	A0	Another star superposed at north
223	2	F0	
224	8	K0	
225	2	A3	
226	6	K0	
227	1	A2	
228	2	A0	
229	1	K0	
230	1	A3	
231	1	K0	
232	3	A2	
233	2	K0	
234	1	K0	
235	4	A0	
236	2	A0	
237	3	G5	
238	5	A0	
239	3	A0	
240	5	A0	
241	5	G5	
242	7	B9	
243	2	A0	

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1913phae.proj.21556

217	−37°	5588	9	10.6	−37	41.5	9.0	✓
218	−37°	5602	9	11.5	−37	39.7	9.2	✓
219	−37°	5612	9	12.3	−37	43.3	9.7	✓
220	−37°	5633	9	13.3	−37	51.3	9.4	✓
221	−38°	5436	9	12.3	−38	17.4	9.1	✓
222	−38°	5411	9	10.8	−38	46.5	8.9	✓
223	−39°	5328	9	11.2	−39	1.2	8.7	✓
224	−38°	5430	9	12.1	−38	53.0	5.8	✓
225	−39°	5330	9	11.3	−39	33.7	9.3	✓
226	−39°	5345	9	12.1	−39	35.4	7.3	✓
227	−39°	5349	9	12.3	−39	12.1	9.3	✓
228	−38°	5447	9	12.8	−38	48.0	9.5	✓
229	−39°	5360	9	12.9	−39	4.3	9.1	✓
230	−39°	5361	9	13.0	−39	4.6	9.2	✓
231	−39°	5369	9	13.5	−39	27.8	8.6	✓
232	−39°	5363	9	13.1	−39	48.5	9.1	✓
233	−39°	5408	9	15.1	−39	38.7	9.0	✓
234	−39°	5416	9	15.7	−39	22.1	8.9	✓
235	−40°	5148	9	17.0	−40	14.6	8.7	✓
236	−40°	5152	9	17.3	−40	14.0	9.4	✓
237	−40°	5164	9	17.9	−40	13.4	8.5	✓
238	−39°	5455	9	18.5	−39	49.5	8.5	✓
239	−40°	5193	9	20.5	−40	8.5	9.3	✓
240	−40°	5192	9	20.5	−40	22.6	8.4	✓
241	−40°	5241	9	24.0	−40	9.8	8.0	✓
242	−39°	5533	9	23.5	−39	32.7	8.3	✓
243	−39°	5537	9	23.7	−39	13.6	9.0	✓

magn. 9.4 superposed −38° 5410

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1913phae.proj.2155C

Thursday Sept. 25, 1913

B 18436 short

	No.	Dur.	Class	Remark
	244	1	K5	
	245	3	F5	
9.55	246	4	G5	
10.17 Anc. recorder	247	10	A0	
	248	2	K0	
	249	4	A3	
	250	10	B8	
	251	3	K2	
	252	3	A0	
	253	7	A2	
	254	4	B9	
	255	5	A0	
10.20	256	6	B9	
Monday Oct 6, 1913	257	4	G0	
11.00	258	1	A2	
	259	1	K0	
	260	2	K0	
	261	1	A0	
	262	1	G5	
	263	4	Mb	
	264	10+	A	
	265	4	K0	
	266	4	K2	
	267	3	F5	
	268	3	A0	
	269	6	K0	
	270	2	A0	

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1913phae.proj.2155C

244	−39°	5543	9	24.0	−39	17.8	8.9	✓
245	−39°	5563	9	24.8	−39	14.4	8.6	✓
246	−39°	5561	9	24.7	−39	25.8	7.7	✓
247	−38°	5376	9	8.5	−38	6.0	7.0	✓
248	−38°	5368	9	7.6	−38	25.7	8.9	✓
249	−38°	5365	9	7.3	−38	35.0	8.8	✓
250	−38°	5358	9	6.8	−38	44.8	6.7	✓
251	−38°	5330	9	5.3	−38	14.4	7.5	✓
252	−38°	5304	9	4.1	−38	2.6	9.4	✓
253	−38°	5292	9	3.7	−38	16.4	8.3	✓
254	−38°	5289	9	3.6	−38	22.1	9.0	✓
255	−39°	5314	9	10.2	−39	45.9	8.4	✓
256	−39°	5302	9	9.4	−39	50.5	8.3	✓
257	−36°	5464	9	8.4	−36	20.3	9.0	✓
258	−36°	5466	9	8.4	−36	48.1	9.7	✓
259	−36°	5468	9	8.6	−36	46.1	9.0	✓
260	−36°	5473	9	8.7	−36	47.1	8.5	✓
261	−36°	5478	9	9.1	−36	43.6	9.6	✓
262	−37°	55H (63)	9	~~5.0~~ 8.8	−37	~~0.7~~ 2.1	~~9.4~~ 9.1	✓
263	−33°	5953	9	13.6	−33	34.3	7.3	✓
264	−33°	5973	9	14.6	−33	34.8	6.7	✓
265	−33°	5992	9	16.3	−33	48.3	7.5	✓
266	−33°	6008	9	17.2	−33	28.1	7.5	✓
267	−33°	6039	9	19.2	−33	8.0	8.2	✓
268	−33°	6044 (5)	9	20.4	−33	33.1	9.2	✓
269	−33°	6045 (5)	9	20.5	−33	46.9	7.6	✓
270	−34°	5855	9	20.0	−34	6.7	9.0	✓

Cont. on page 192 Cards made out

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1913phae.proj.2155C

Thursday Sept 25, 1913

10.23

B 39925 short

No.	Dur.	class	Remark
1	1	K0	
2	1	G	
3	3	A0	
4	1	A3	
5	1	A5	
6	1	G0	
7	2	A0	
8	4	F0	
9	1	K0	
10	1	A0	
11	1	Bq	
12	3	Bq	
13	2	A2	
14	1	F8	
15	1	F5	
16	1	K0	
17	1	K0	
18	1	K0	
19	2	A3	
20	1	A0	
21	1	K2	
22	1	A0	
23	3	G5	
24	1	K5	
25	2	Bq	
26	10	K0	
27	2	F0	

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1913phae.proj.2155c

1	−38°	4987	8	48.3	−38	7.4	9.1 ✓
2	−37°	5237	8	48.9	−37	50.6	9.5 ✓
3	−38°	5058	8	51.7	−38	48.2	8.4 ✓
4	−38°	5073	8	52.3	−38	55.1	9.3 ✓
5	−38°	5081	8	52.7	−38	59.9	9.3 ✓
6	−39°	5000	8	52.8	−39	18.0	9.4 ✓
7	−39°	4998	8	52.6	−39	41.7	9.2 ✓
8	−39°	5007	8	53.2	−39	36.3	8.5 ✓
9	−39°	5010	8	53.3	−39	46.6	9.1 ✓
10	−40°	4776	8	53.2	−40	15.6	9.4 ✓
11	−40°	4806	8	55.1	−40	11.2	9.3 ✓
12	−39°	5058	8	55.7	−39	52.1	9.0 ✓
13	−40°	4816	8	55.8	−40	1.7	9.2 ✓
14	−39°	5062	8	56.1	−39	25.6	9.2 ✓
15	−39°	5065	8	56.3	−39	22.3	9.5 ✓
16	−39°	5051	8	55.4	−39	10.2	9.0 ✓
17	−38°	5101	8	53.9	−38	39.5	8.7 ✓
18	−38°	5094	8	53.7	−38	14.1	9.1 ✓
19	−38°	5119	8	55.0	−38	5.3	9.5 ✓
20	−37°	5351	8	55.2	−37	42.7	9.7 ✓
21	−37°	5361	8	55.9	−37	43.2	9.0 ✓
22	−37°	5369	8	56.3	−37	43.2	9.6 ✓
23	−37°	5368	8	56.2	−37	17.3	8.4 ✓
24	−37°	5358	8	55.7	−37	~~36.3~~ 34.7	9.2 ✓
25	−38°	5151	8	57.2	−38	57.9	9.2 ✓
26	−38°	5154	8	57.3	−38	54.9	7.1 ✓
27	−38°	5165	8	58.0	−38	57.9	9.3 ✓

cards made out.

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1913phae.proj.2155C

Thursday Sept. 25. 1913

B 39925 short

no.	Int.	Class	Remark
28	1	K0	
29	1	F0	
30	2	F	Probably comp. K too faint.
31	1	F0	
32	1	K2	
33	1	a2	
34	1	a0	
35	3	G5	
36	1	F8	
37	1	K2	
38	4	B9	
39	3	G5	
40	3	K0	
41	1	a2	
42	1	a0	
43	1	K0	
44	3	a2	
45	2	a0	
46	1	a2	
47	1	a5	
48	2	a0	
49	1	a3	
50	1	a0	
51	1	a0	
52	3	a2	
53	1	a0	
54	1	a0	

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1913phae.proj.2155c

28	-39°	5098	8	57.8	-39	9.8	9.2 ✓
29	-39°	5101	8	57.9	-39	14.5	9.4 ✓
30	-39°	5082	8	57.1	-39	20.7	9.2 ✓
31	-39°	5118	8	58.8	-39	37.8	9.5 ✓
32	-39°	5121	8	58.8	-39	42.9	8.7 ✓
33	-40°	4845	8	57.7	-40	15.2	9.0 ✓
34	-40°	4846	8	57.8	-40	20.0	9.3 ✓
35	-40°	4850	8	58.0	-40	32.2	8.4 ✓
36	-40°	4856	8	58.7	-40	29.2	9.3 ✓
37	-40°	4866	8	59.2	-40	20.7	9.1 ✓
38	-40°	4870	8	59.5	-40	19.7	8.7 ✓
39	-40°	4876	8	59.9	-40	34.5	8.5 ✓
40	-40°	4891	9	0.9	-40	12.2	8.3 ✓
41	-39°	5146	9	0.3	-39	55.3	9.5 ✓
42	-39°	5136	8	59.8	-39	46.9	9.8 ✓
43	-39°	5135	8	59.8	-39	40.1	9.3 ✓
44	-38°	5186	8	58.8	-38	58.3	8.9 ✓
45	-38°	5198	8	59.2	-38	52.3	9.2 ✓
46	-38°	5195	8	59.1	-38	48.0	9.5 ✓
47	-38°	5196	8	59.1	-38	30.2	9.7 ✓
48	-38°	5203	8	59.5	-38	30.2	9.3 ✓
49	-38°	5212	8	59.9	-38	30.5	9.7 ✓
50	-38°	5162	8	57.9	-38	42.5	9.7 ✓
51	-38°	5179	8	58.6	-38	47.5	9.4 ✓
52	-38°	5137	8	56.2	-38	36.5	9.3 ✓
53	-38°	5142	8	56.6	-38	25.4	9.8 ✓
54	-38°	5161	8	57.8	-38	6.8	9.5 ✓

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1913phae.proj.2155C

Thursday Sept. 25, 1913

B 39926 short.

No.	Int.	Class	Remark
55	1	g_5	
56	2	a_0	
57	1	K_0	
58	1	K_0	
59	3	f_0	
60	3	B_9	
61	3	K_0	Star of class a superposed on prec. side.
62	1	K_0	
63	1	g_0	
64	1	g_0	
65	1	g_5	another star superposed at south-preceding class a
66	1	K_0	
67	1	a_2	
68	5	a_2	
69	1	a_2	
70	1	a_3	
71	1	a_3	
72	1	a_2	
73	2	f_2	
74	2	g_5	
75	1	a_0	
76	1	a_5	
77	2	a_0	
78	3	a_0	
79	3	g_0	
80	3	f_0	
81	3	a_0	

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1913phae..proj.2155C

55	−37°	5410	9	58.5	−37	54.5	9.4	✓
56	−38°	5240	9	1.1	−38	4.1	9.7	✓
57	−38°	5242	9	1.3	−38	38.0	9.4	✓
58	−38°	5251	9	1.7	−38	36.4	9.6	✓
59	−38°	5254	9	1.8	−38	31.8	9.4	✓
60	−38°	5258	9	1.9	−38	52.2	9.2	✓
61	−38°	5263	9	2.3	−38	59.9	8.0	✓ −39° 5188 outfigured 9.7
62	−39°	5161	9	1.2	−39	15.8	8.9	✓
63	−39°	5160	9	1.1	−39	24.2	9.2	✓
64	−39°	5170	9	1.5	−39	46.2	9.3	✓
65	−39°	5175	9	1.7	−39	30.0	9.0	✓
66	−40°	4916	9	1.6	−40	13.3	9.1	✓
67	−40°	4929	9	2.3	−40	0.1	9.6	✓
68	−39°	5192	9	2.8	−39	19.6	7.7	✓
69	−39°	5202	9	3.2	−39	34.0	9.1	✓
70	−39°	5212	9	3.7	−39	4.7	9.4	✓
71	−39°	5220	9	4.4	−39	49.8	9.4	✓
72	−40°	4957	9	4.1	−40	1.1	9.7	✓
73	−40°	4959	9	4.2	−40	11.8	9.2	✓
74	−40°	4963	9	4.3	−40	6.1	9.1	✓
75	−40°	4969	9	4.6	−40	15.7	9.8	✓
76	−40°	4992	9	6.2	−40	10.4	9.3	✓
77	−39°	5249	9	6.2	−39	41.7	9.4	✓
78	−39°	5257	9	7.0	−39	49.2	8.5	✓
79	−40°	5013	9	7.7	−40	0.6	8.3	✓
80	−40°	5018	9	8.2	−40	3.1	8.6	✓
81	−39°	5282	9	8.2	−39	51.9	8.8	✓

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1913phae.proj.2155C

Thursday Sept. 25, 1913
B 39925 phot

No.	Int.	Class	Remark
82	2	F2	
83	1	K0	
84	3	a3	
85	1	a2	
86	2	G	Two stars?
87	2	a0	
88	1	K2	
89	1	a0	
90	1	K0	
91	1	K2	
92	1	K0	
93	1	a0	
94	2	K0	
95	3	a5	
96	2	F8	
97	1	K0	
98	1	K0	
99	1	a0	
100	2	a0	
101	2	g5	
102	1	a0	
103	2	g5	
104	2	g0	
105	1	K2	
106	1	K0	
107	1	a0	
108	1	K0	

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1913phae.proj.2155c

82	-39°	5261	9	7.4	-39	32.4	8.7 ✓
83	-39°	5278	9	7.9	-39	27.1	8.9 ✓
84	-39°	5287	9	8.4	-39	20.4	7.9 ✓
85	-39°	5292	9	8.9	-39	52.9	9.6 ✓
86	-39°	5295	9	9.1	-39	41.7	9.1 ✓
87	-39°	5304	9	9.5	-39	40.7	8.7 ✓
88	-39°	5313	9	10.2	-39	36.4	8.9 ✓
89	-40°	5056	9	10.4	-40	3.1	9.6 ✓
90	-40°	5037	9	9.3	-40	9.6	9.1 ✓
91	-39°	5356	9	12.7	-39	58.2	9.3 ✓
92	-40°	5088	9	12.9	-40	29.1	8.5 ✓
93	-40°	5087	9	12.8	-40	37.1	9.5 ✓
94	-40°	5098	9	13.8	-40	34.1	8.5 ✓
95	-40°	5111	9	14.4	-40	35.6	8.5 ✓
96	-40°	5115	9	14.7	-40	2.5	9.0 ✓
97	-40°	5124	9	15.4	-40	9.5	8.9 ✓
98	-40°	5125	9	15.4	-40	2.5	8.6 ✓
99	-40°	5134	9	15.9	-40	31.6	9.5 ✓
100	-40°	5143	9	16.8	-40	34.1	8.9 ✓
101	-40°	5136	9	16.0	-40	48.7	8.5 ✓
102	-40°	5173	9	19.0	-40	31.1	9.4 ✓
103	-40°	5174	9	19.1	-40	34.6	8.7 ✓
104	-40°	5175	9	19.2	-40	32.6	8.3 ✓
105	-39°	5458	9	18.7	-39	57.8	9.0 ✓
106	-39°	5471	9	19.3	-39	59.2	9.0 ✓
107	-40°	5181	9	19.7	-40	14.0	9.5 ✓
108	-40°	5183	9	19.8	-40	8.9	8.7 ✓

mag. 9.6
-39° 5296 superposed

cards made out.

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1913phae.proj.2155C

Thursday Sept 25, 1913.
B39925 short

No.	Int.	Class	Remarks
109	1	a	
110	1	K0	
111	1	F2	
112	1	a0	
113	1	K0	
114	1	a0	
115	1	K5	
116	1	a	
117	1	a0	
118	1	g0	
119	1	K0	Another star superposed at south-
120	1	K5	
121	1	K5	
122	1	a0	
123	2	a2	
124	1	a3	
125	2	g5	
126	1	K0	
127	1	g5	
128	1	a2	
129	1	a0	
130	2	a	Partly superposed on 131
131	2	a	
132	1	g0	
133	1	K0	
134	1	a0	
135	1	a0	

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1913phae.proj.2155C

109	−40°	5185	9	20.0	−40	0.0	9.6	✓
110	−39°	5433	9	16.8	−39	25.2	9.1	✓
111	−39°	5430	9	16.5	−39	24.2	9.6	✓
112	−39°	5425	9	16.2	−39	37.7	9.6	✓
113	−38°	5474	9	15.0	−38	57.3	9.0	✓
114	−39°	5382	9	14.0	−39	8.6	9.3	✓
115	−39°	5380	9	13.9	−39	14.0	9.0	✓
116	−37°	5272	8	51.7	−37	52.3	9.5	✓
117	−37°	5281	8	51.5	−37	23.7	9.2	✓
118	−37°	5305	8	52.5	−37	21.7	9.0	✓
119	−37°	5320	8	53.1	−37	14.0	8.2	✓ 9.0 −37° 5319 superfond
120	−36°	5248	8	55.0	−36	6.9	8.9	✓
121	−36°	5291	8	57.3	−36	30.6	8.6	✓
122	−36°	5289	8	57.2	−36	42.3	9.7	✓
123	−36°	5292	8	57.5	−36	44.3	9.4	✓
124	−36°	5301	8	57.8	−36	49.6	9.5	✓
125	−36°	5313	8	58.4	−36	51.6	8.6	✓
126	−36°	5296	8	57.6	−36	2.9	9.0	✓
127	−36°	5294	8	57.5	−36	20.5	9.1	✓
128	−35°	5308	8	58.0	−35	46.0	9.5	✓
129	−35°	5313	8	58.1	−35	40.7	9.3	✓
130	−35°	5293 → 9	8	57.5 → 7	−35	32.2 → 24.5	9.7 → 9.0	✓
131	−35°	5299 → 5300	8	57.7	−35	24.5 → 23.2	9.0 → 9.0	✓
132	−35°	5322	8	58.9	−35	51.4	9.3	✓
133	−35°	5334	8	59.5	−35	45.4	9.4	✓
134	−35°	5342	8	59.8	−35	43.7	9.4	✓
135	−36°	5356	9	1.5	−36	6.9	9.7	✓

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1913phae.proj.2155C

Thursday Sept 25, 1913

B 39926 shut

No.	Int.	Class	Remarks
136	2	G5	
137	3	G6	
138	1	F5	
139	1	K0	
140	1	G5	
141	1	A0	
142	1	A3	
143	1	G5	
144	1	A	
145	3	K2	
146	1	A0	
147	2	F5	
148	2	K0	
149	1	F2	
150	3	A0	
151	1	K0	
152	1	K0	
153	1	G0	
154	1	G5	
155	1	A0	
156	2	A0	
157	2	K0	
158	1	A2	
159	1	K2	
160	2	F5	
161	3	Bq	
162	2	A2	

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1913phae.proj.2155C

136	-36°	5367	9	2.1	-36	7.7	9.0	✓
137	-36°	5353	9	1.2	-36	38.9	8.7	✓
138	-37°	5429	8	59.5	-37	11.0	9.3	✓
139	-37°	5441	9	0.1	-37	9.0	9.5	✓
140	-37°	5471	9	2.2	-37	36.1	9.0	✓
141	-37°	5479	9	2.8	-37	33.9	9.3	✓
142	-37°	5477	9	2.7	-37	20.9	9.6	✓
143	-37°	5492	9	3.7	-37	48.1	9.3	✓
144	-37°	5496	9	4.0	-37	37.4	9.6	✓
145	-38°	5330	9	5.3	-38	14.4	7.5	✓
146	-38°	5340	9	5.8	-38	52.1	9.4	✓
147	-39°	5247	9	5.9	-39	2.8	8.9	✓
148	-39°	5252	9	6.4	-39	5.3	8.0	✓
149	-39°	5254	9	6.6	-39	0.6	9.7	✓
150	-38°	5355	9	6.7	-38	56.7	9.0	✓
151	-39°	5283	9	8.3	-39	2.7	9.0	✓
152	-38°	5397	9	10.0	-38	51.1	9.0	✓
153	-38°	5392	9	9.6	-38	20.7	9.4	✓
154	-38°	5396	9	9.8	-38	21.4	9.4	✓
155	-36°	5398	9	4.0	-36	59.7	9.3	✓
156	-36°	5396	9	3.8	-36	55.7	9.3	✓
157	-37°	5502	9	4.4	-37	12.7	8.5	✓
158	-36°	5408	9	4.7	-36	47.2	9.5	✓
159	-36°	5409	9	4.7	-36	28.8	8.7	✓
160	-37°	5511	9	5.0	-37	0.7	9.4	✓
161	-37°	5519	9	5.7	-37	8.2	8.4	✓
162	-37°	5534	9	6.7	-37	9.9	9.3	✓

cards made out.

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1913phae.proj.2155C

Thursday Sept 25, 1913

B 89925

No.	Dur.	Class	Remarks
163	2	F8	
164	3	A3	
165	1	K5	
166	1	A0	
167	2	A0	
168	2	G5	
169	2	K0	
170	1	K5	
171	2	F	
172	1	K2	
173	1	F8	
174	2	A5	
175	3	A2	
176	2	A0	
177	2	F0	
178	3	A0	
179	3	F0	
180	2	A0	
181	4	K5	
182	5	A5	
183	3	G5	
184	3	A0	
185	1	G5	Partly superposed on 184
186	3	G0	
187	5	A0	
188	3	A3	
189	2	A0	

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1913phae.proj.2155C

163	-37°	5536	9	6.9	-37	10.3	9.1	✓
164	-36°	5442	9	6.8	-36	57.2	9.0	✓
165	-36°	5452	9	7.5	-36	51.6	9.0	✓
166	-36°	5457	9	7.6	-36	50.6	9.7	✓
167	-37°	5547	9	7.5	-37	32.2	9.9	✓
168	-38°	5360	9	7.0	-38	4.5	9.3	✓
169	-38°	5342	9	6.0	-38	6.1	8.9	✓
170	-37°	5537	9	6.9	-37	30.2	9.1	✓
171	-37°	5525	9	6.0	-37	34.4	9.1	✓
172	-35°	5387	9	2.6	-35	52.3	9.3	✓
173	-36°	5379	9	2.7	-36	0.3	9.3	✓
174	-35°	5403	9	3.5	-35	46.1	8.9	✓
175	-35°	5416	9	4.2	-35	38.4	8.7	✓
176	-35°	5417	9	4.2	-35	35.7	9.5	✓
177	-35°	5419	9	4.4	-35	44.8	9.3	✓
178	-35°	5413	9	4.1	-35	25.2	8.7	✓
179	-35°	5404	9	3.6	-35	12.6	8.5	✓
180	-35°	5409	9	3.8	-35	4.6	9.3	✓
181	-34°	5623	9	3.8	-34	50.4	7.5	✓
182	-34°	5625	9	3.9	-34	48.4	8.0	✓
183	-35°	5433	9	5.4	-35	24.7	8.3	✓
184	-35°	5435	9	5.5	-35	29.4	9.3	✓
185	-35°	5437	9	5.6	-35	30.4	8.9	✓
186	-35°	5443	9	5.8	-35	33.9	9.1	✓
187	-35°	5445	9	6.0	-35	35.4	8.3	✓
188	-35°	5449	9	6.2	-35	42.4	8.5	✓
189	-35°	5460	9	6.7	-35	30.1	9.4	✓

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1913phae.proj.2155C

Thursday Sept 25. 1913

B399215 shot

No.	Dur.	Class	Remarks
190	1	a_0	
191	2	K_0	
192	4	K_0	
193	2	F_0	
194	2	G_0	
195	8	a_3	
196	1	K_5	
197	2	a_2	
198	2	G_5	
199	2	K_0	
11.00 200	2	F_0	
201			
202			
203			
204			
205			
201	1	a_3	
202	1	a_2	
203	2	B_8	

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1913phae.proj.2155C

190	-35°	5462	9	6.9	-35	35.7	9.4	✓
191	-35°	5471	9	7.4	-35	42.1	8.7	✓
192	-35°	5472	9	7.5	-35	10.1	7.9	✓
193	-35°	5482	9	8.1	-35	21.7	9.0	✓
194	-35°	5484	9	8.3	-35	28.1	8.8	✓
195	-35°	5454	9	6.4	-35	14.6	7.4	✓
196	-35°	5463	9	6.9	-35	22.5	9.1	✓
197	-34°	5640	9	5.3	-34	50.6	9.1	✓
198	-34°	5643	9	5.6	-34	50.7	8.5	✓
199	-34°	5649	9	5.9	-34	54.6	8.6	✓
200	-34°	5656	9	6.3	-34	36.2	9.0	✓

Identified by J.C.M. Nov. 14, 1913.
Checked by A.M.C. Nov. 22, 1913
Cards made out by G.R.B.
Cards checked by A.M.C.

-	201	-35	5517	9	10.6	-35	50	9.4
✓	202	-37	5640	9	14.0	-37	4	9.3
✓	203	-42	4907	8	58.1	-42	13	10

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1913phae.proj.2155C

Thursday Sept. 25, 1913

11.03

B4947 long

No.	Int.	Class	Remark
1	10	A0	
2	4	B0	
3	3	F2	
4	2	B5	
5	9	A2	
6	6	B2	
7	4	B3	
8	3	B3	
9	4	B2	D.
10	2	A2	E.
11	2	B3	
12	5	B3	
13	3	B3	
14	6	B3	
15	9	K?	some portions of this spectrum very light
16	3	B5	
17	7	B3	Hγ bright? lines hazy
18	5	Bq	
19	6	B5	
20	5	B8	
21	2	K5	
22	4	Bq	
23	5	A0	
24	2	F5	
25	7	B3	
26	7	A0	
27	3	Bq	

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1913phae.proj.2155C

1	-45°	4517	8	41.8	-45	35.1	4.1	1v
2	-45°	4526	8	42.3	-45	27.2	5.9	1v
3	-45°	4541	8	43.1	-45	41.9	6.4	1v
4	-44°	4818	8	42.8	-44	37.0	7.2	1v
5	-44°	4861	8	45.5	-44	50.6	5.7	1v
6	-46°	4661	8	46.3	-46	3.7	5.6	1v
7	-44°	4951	8	50.9	-44	33.9	6.9	1v
8	-43°	4711	8	47.4	-43	40.8	6.9	1v
9	-41°	4560	8	45.8	-41	38.0	6.5	1v
10	-42°	4723	8	47.0	-42	2.4	7.1	1v
11	-42°	4808	8	52.6	-42	46.4	7.8	1v
12	-42°	4875	8	55.8	-42	41.2	6.6	1v
13	-43°	4794	8	53.0	-43	47.0	7.6	1v
14	-41°	4720	8	56.7	-41	22.4	6.2	1v
15	-42°	4990	9	3.4	-42	55.7	2.5	1v
16	-44°	5150	9	3.2	-44	7.6	7.2	1v
17	-44°	5206	9	6.5	-44	21.4	5.6	1v
18	-43°	5041	9	7.9	-43	5.8	6.7	1v
19	-42°	5086	9	9.8	-42	42.6	5.9	1v
20	-43°	5068	9	9.5	-43	37.8	6.5	1v
21	-43°	5103	9	11.8	-43	44.5	5.6	1v
22	-44°	5305	9	11.5	-44	23.0	6.7	1v
23	-45°	4982	9	10.7	-45	2.3	6.5	1v
24	-45°	4935	9	7.8	-45	20.2	7.2	1v
25	-46°	4987	9	7.1	-46	4.5	6.0	1v
26	-46°	5010	9	9.2	-46	49.3	6.3	1v
27	-46°	4968	9	5.5	-46	58.1	7.1	1v

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1913phae.proj.2155C

Thursday Sept 25. 1913

B4947 long

Ns.	Dur.	Class	Remark
28	4	A2	
29	8	Ko	some portions of the sp. very bright
30	4	B8	
31	8	Fo	
32	2	Ko	
33	1	O	1 bright band
11.10 34	2	A2	
~~35~~			
~~36~~			
35	5	B5	

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1913phae.proj.2155C

28	−46°	4892	8	0.5	−46	19.1	7.4	1v
29	−46°	4883	8	59.9	−46	35.6	4.6	1v
30	−46°	4882	8	59.8	−46	57.0	7.3	1v
31	−46°	4810	8	54.6	−46	44.8	5.9	1v
32	−48°	4282	8	53.8	−48	5.5	6.6	1v
33	−47°	~~4505~~ 4504	8	~~50.9~~ 50.8	−47	~~7.8~~ 7.2	~~8.7~~ 9.0	1v
34	−45°	~~4707~~ 4694	8	~~51.5~~ 50.4	−45	~~51.8~~ 53.0	8.2	1v

Wrong by checked by L.D.W. Corrected now May 13 1915

Identified by J. C. M. Nov. 4, 1913.
Checked April 27 1914 L.D.W.
Cards made out by G. E. S.
Cards checked by G. R. B.

35 −41 4516 8 43.6 −42 0 6.9 Grm B.D.15°

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1913phae.proj.2155C

Thursday Sept 25, 1913

11.12

B 18927 short

No.	Dist.	class	Remark
1	3	a_0	
2	2	a_0	
3	2	K_5	
4	1	K_2	
5	6	a_0	
6	4	G_5	
7	4	K_5	
8	6	a_2	
9	3	K_0	
10	4	K_0	
11	4	a_3	
12	3	a_2	
13	2	F_5	
14	2	a_3	
15	2	a_2	
16	3	a_3	
17	4	a_0	
18	4	F_8	
19	5	K_0	
20	3	a_3	
21	2	a_0	
22	2	a_0	
23	2	K_0	
24	6	a_0	
25	1	K_0	
26	2	K_0	
27	2	a_3	

11.19

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1913phae.proj.2155c

1	−30°	7184	9	0.8	−30	22.8	8.6 ✓
2	−30°	7187	9	0.9	−30	29.8	8.9 ✓
3	−30°	7175 82	9	0.8 6	−30	~~+0.2~~ 45.6	~~9.0~~ 7.8 ✓
4	−30°	7189	9	0.9	−30	56.8	8.6 ✓
5	−31°	6914	9	1.1	−31	5.1	7.7 ✓
6	−31°	6929	9	2.1	−31	24.7	8.0 ✓
7	−31°	6939	9	2.6	−31	31.9	7.9 ✓
8	−31°	6936	9	2.6	−31	46.3	8.3 ✓
9	−32°	6079	9	2.6	−32	1.8	8.3 ✓
10	−31°	6956	9	3.7	−31	56.7	8.2 ✓
11	−32°	6098	9	3.8	−32	3.1	8.9 ✓
12	−31°	6957	9	3.7	−31	27.2	8.9 ✓
13	−31°	6953	9	3.6	−31	17.1	9.0 ✓
14	−30°	7223	9	2.9	−30	35.5	8.5 ✓
15	−30°	7208	~~8~~ 9	2.1	−30	36.8	8.9 ✓
16	−31°	7018	9	6.7	−31	4.7	8.7 ✓
17	−31°	7022	9	7.1	−31	3.2	8.8 ✓
18	−31°	7028	9	7.4	−31	1.1	8.3 ✓
19	−30°	7301	9	7.6	−30	32.8	7.3 ✓
20	−30°	7314	9	8.5	−30	35.3	8.7 ✓
21	−30°	7332	9	9.2	−30	23.1	8.7 ✓
22	−30°	7329	9	9.1	−30	59.9	8.6 ✓
23	−31°	7032	9	7.6	−31	18.2	8.5 ✓
24	−31°	7023	9	7.1	−31	23.7	8.1 ✓
25	−31°	7042	9	8.0	−31	47.7	9.0 ✓
26	−31°	7051	9	8.3	−31	53.1	8.7 ✓
27	−31°	7058	9	9.0	−31	50.1	9.2 ✓

cards made out.

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1913phae.proj.2155C

Friday Sept 26, 1913

10.30

B18927 phot.

No.	Dur.	Class	Remarks
28	7	K0	
29	1	G5	
30	2	G5	
31	4	K0	
32	6	K0	
33	7	K2	
34	6	A2	
35	6	F2	
36	3	A0	
37	1	M0	Nearly all superpsed on 36
38	3	A2	
39	4	F0	
40	2	F5	
41	5	A3	
42	3	A0	
43	3	A2	
44	2	A2	
45	2	A0	
46	1	A5	
47	1	A2	
48	2	K5	
49	7	F2	
50	8	A0	
51	3	F5	E.
52	1	A	E
53	2	K2	
54	3	A2	

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1913phae.proj.2155C

28	−32°	6187	9	9.2	−32	2.0	7.0	✓
29	−31°	7061	9	9.2	−31	46.7	8.9	✓
30	−31°	7059	9	9.0	−31	37.1	8.6	✓
31	−31°	7087	9	10.6	−31	42.1	8.0	✓
32	−32°	6196	9	9.8	−32	33.0	7.5	✓
33	−32°	6208	9	10.4	−32	49.0	7.1	✓
34	−32°	6189	9	9.3	−32	54.3	7.9	✓
35	−32°	6185	9	9.1	−32	59.9	8.1	✓
36	−33°	5885	9	9.7	−33	8.6	9.2	✓
37	−33°	5884	9	9.6	−33	9.6	8.9	✓
38	−33°	5865	9	8.6	−33	24.9	8.9	✓
39	−33°	5841	9	7.3	−33	49.2	8.1	✓
40	−33°	5818	9	5.9	−33	23.9	8.6	✓
41	−33°	5807	9	5.4	−33	54.6	8.1	✓
42	−34°	5642	9	5.5	−34	6.2	9.0	✓
43	−34°	5651	9	6.0	−34	13.2	8.7	✓
44	−34°	5639	9	5.2	−34	24.7	9.0	✓
45	−34°	5627	9	4.2	−34	22.2	8.5	✓
46	−33°	5796	9	4.6	−33	39.3	9.4	✓
47	−33°	5792	9	4.2	−33	42.8	9.5	✓
48	−33°	5769	9	3.0	−33	45.7	8.0	✓
49	−33°	5766	9	2.7	−33	37.3	7.8	✓
50	−34°	5601	9	2.1	−34	0.4	7.8	✓
51	−34°	5598	9	2.0	−34	17.7	8.3	✓
52	−34°	5605	9	2.4	−34	14.8	9.9	✓
53	−33°	5774	9	3.4	−33	10.9	8.8	✓
54	−32°	6100	9	3.8	−32	49.0	8.9	✓

cards made out.

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1913phae.proj.2155C

Friday Sept. 26, 1913

B 18927 shot.

No.	Int.	Class	Remarks
55	1	K0	
56	5	a2	
57	2	F0	
58	1	a	
59	1	g	
60	1	a	
61	1	a5	
62	1	a	
63	1	a	
64	3	K0	
65	5	F0	
66	1	K2	Partly superposed on 65
67	2	a0	
68	2	g5	
69	3	K2	
70	2	a3	
71	1	K5	
72	3	a0	
73	1	a2	
74	3	a0	
75	3	a0	
76	2	F0	
77	3	a5	
78	5	a0	
		Ma	
		g0	
	2	a5	



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1913phae..proj.2155C

55	-32°	6071	9	2.3	-32	39.3	9.0	✓
56	-32°	6132	9	5.5	-32	35.5	8.5	✓
57	-32°	6120	9	4.7	-32	7.3	9.1	✓
58	-31°	6974	9	4.6	-31	55.1	9.7	✓
59	-31°	6995	9	5.7	-31	35.1	8.9	✓
60	-31°	6983	9	5.3	-31	10.1	9.0	✓
61	-32°	6145	9	6.0	-32	55.0	9.0	✓
62	-32°	6163	9	7.9	-32	36.0	9.6	✓
63	-32°	6157	9	7.7	-32	9.6	9.6	✓
64	-34°	5657	9	6.4	-34	26.8	8.5	✓
65	-34°	5666	9	6.9	-34	26.2	8.5	✓
66	-34°	5668	9	7.0	-34	27.9	8.7	✓
67	-34°	5673	9	7.3	-34	27.5	9.0	✓
68	-34°	5717	9	9.5	-34	22.4	8.7	✓
69	-33	5895	9	10.3	-33	50.5	8.2	✓
70	-34°	5738	9	10.9	-34	11.8	9.3	✓
71	-33°	5906	9	10.9	-33	19.2	8.9	✓
72	-32°	6224	9	11.4	-32	59.4	9.0	✓
73	-33°	5912	9	11.3	-33	26.4	9.7	✓
74	-33°	5932	9	12.5	-33	32.3	9.5	✓
75	-33°	5933	9	12.6	-33	5.2	9.3	✓
76	-33°	5934	9	12.8	-33	14.8	9.3	✓
77	-33°	5943	9	13.1	-33	19.2	8.9	✓
78	-33°	5952	9	13.5	-33	5.6	8.5	✓
79	-33°	5953	9	13.6	-33	34.3	7.3	✓
80	-32°	6264	9	13.7	-32	53.0	9.3	✓
81	-32°	6268	9	13.9	-32	36.3	9.4	✓

cards made out.

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1913phae.proj.2155C

Friday Sept. 26. 1913

B 18927 short

No.	Int.	Class	Remark
82	2	K5	
83	2	G5	
84	2	F0	
85	3	G5	
86	6	A2	
87	2	A2	
88	4	F5	
89	2	A0	
90	1	A0	
91	2	K2	
92	3	F8	
93	1	F8	
94	1	K5	
95	1	F5	
96	1	G5	
97	5	A2	
98	4	B0	
99	6	A0	
100	9	A0	
101	7	A2	
102	1	F0	
103	4	A3	
104	1	K0	
105	1	F5	
106	10	B8	
107	1	K5	
108	4	K2	

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1913phae.proj.2155c

82	−32°	6272	9	14.3	−32	24.0	8.0 ✓
83	−32°	6279	9	14.8	−32	9.0	8.5 ✓
84	−32°	6281	9	15.0	−32	10.0	9.0 ✓
85	−32°	6240	9	12.2	−32	6.6	7.7 ✓
86	−32°	6241	9	12.2	−32	0.0	8.0 ✓
87	−31°	7123	9	12.9	−31	50.4	8.9 ✓
88	−31°	7138	9	14.1	−31	41.7	8.5 ✓
89	−31°	7129	9	13.2	−31	24.7	9.0 ✓
90	−31°	7125	9	12.9	−31	10.1	9.1 ✓
91	−30	7410	9	12.7	−30	52.9	7.9 ✓
92	−30°	7415	9	13.2	−30	49.2	8.2 ✓
93	−30°	7359	9	10.7	−30	59.2	8.9 ✓
94	−30°	7379	9	11.6	−30	58.9	8.8 ✓
95	−32°	6220	9	11.3	−32	26.7	9.1 ✓
96	−31°	7150	9	14.6	−31	9.6	8.7 ✓
97	−31°	7155	9	15.0	−31	31.5	7.9 ✓
98	−31°	7170	9	15.9	−31	45.1	8.7 ✓
99	−31°	7191	9	16.9	−31	15.5	8.5 ✓
100	−31°	7162	9	15.5	−31	14.2	7.3 ✓
101	−30°	7464	9	16.1	−30	17.1	7.6 ✓
102	−30°	7456	9	15.4	−30	11.1	8.4 ✓
103	−29°	7391	9	17.4	−29	59.7	7.6 ✓
104	−31°	7195	9	17.1	−31	37.8	9.0 ✓
105	−33°	5985	9	15.7	−33	6.8	8.8 ✓
106	−33°	5973	9	14.6	−33	34.8	6.7 ✓
107	−34°	5780	9	13.9	−34	0.3	8.3 ✓
108	−33°	5992	9	16.3	−33	48.3	7.5 ✓

Cards made out.

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1913phae.proj.2155C

Friday Sept. 26. 1913

B18927 chart.

No.	Int.	Class	Remark
109	3	K2	
110	8	A0	
111	3	F5	
112	3	K5	
113	1	A0	
114	1	K2	Nearly all superposed on 115
10.45 115	1	K0	

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1913phae.proj.2155c

109	−33°	6008	9	17.2	−33	28.1	7.5	✓
110	−32°	6340	9	18.4	−32	39.9	6.9	✓
111	−33°	6039	9	19.2	−33	8.0	8.2	✓
112	−32°	6383	9	20.5	−32	38.2	7.5	✓
113	−34°	5612	9	2.8	−34	48.5	9.3	✓
114	−30°	7093	8	56.2	−30	12.8	7.6	✓
115	−30°	7094	8	56.2	−30	13.7	9.0	✓

Identified by J.C.M. Nov. 15, 1913.
Checked by A.M.C. Nov. 21, 1913
Cards made out by G.R.B.
Cards checked by A.M.C.

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1913phae.proj.2155C

Friday Sept. 26, 1913

11.00 B 1/2977 long ✓

No.	Int.	Class	Remark.
1	5	B5	
2	4	B3	
3	3	Bq	
4	4	Bq	
5	2	Bq	
6	3	Bq	
7	5	B5	
8	2	B8	
9	1	Bq	
10	1	Bq	
11	4	Bq	
12	3	Ko	
13	3	B5	
14	2	Bq	Look up. Strong line near 14 S
15	4	Bq	
16	3	B8	
17	2	A	
18	3	A2	
19	2	A2	
20	1	A	
21	3	K2	
22	2	A0	
23	5	B5	
24	3	Bq	
25	3	B5	
26	8	B	E
27	3	B3	

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1913phae.proj.2155c

1	−48°	3653	8	5.9	−48	33.9	5.9	✓
2	−46°	3764	8	1.5	−46	37.3	6.7	✓
3	−46°	3655	7	56.0	−46	57.7	7.5	✓
4	−47°	3457	7	53.6	−47	33.3	6.7	✓
5	−46°	3616	7	53.8	−46	15.2	8.0	✓
6	−45°	3603	7	53.6	−45	59.6	7.7	✓
7	−44°	3920	7	55.1	−44	52.6	6.6	✓
8	−44°	3936	7	56.1	−44	41.0	7.6	✓
9	−44°	3951	7	56.6	−44	59.5	7.6	✓
10	−44°	3962	7	57.6	−44	53.2	8.0	✓
11	−44°	3980	7	58.4	−44	19.2	7.0	✓
12	−42°	3832	7	59.3	−42	35.6	7.0	✓
13	−42°	3852	8	0.3	−42	24.4	8.0	✓
14	−40°	3648	7	56.9	−40	24.6	8.5	✓ −40° 3647 superpose 8.4
15	−40°	3776	7	58.5	−40	57.4	6.2	✓
16	−40°	3784	8	3.4	−40	26.5	7.3	✓
17	−39°	3929	7	58.5	−39	52.5	7.9	✓
18	−39°	3883	7	56.3	−39	51.6	7.5	✓
19	−40°	3722	7	55.3	−40	24.7	8.1	✓
20	−40°	3673	7	52.7	−40	51.5	8.1	✓
21	−42°	3717	7	52.8	−42	4.2	6.8	✓
22	−41°	3486	7	48.1	−41	59.7	8.0	✓
23	−42°	3610	7	47.6	−42	34.1	6.6	✓
24	−42°	3557	7	44.8	−42	59.9	7.6	✓
25	−46°	3491	7	47.5	−46	53.8	7.3	✓
26	−47°	3396	7	49.6	−47	46.8	4.5	✓
27	−47°	3537	7	59.2	−47	58.5	6.8	✓

cards made out.

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1913phae.proj.2155C

Friday Sept 26, 1913

B42977 long.

	No	Int	Class	Remark
11.05	28	3	B5	E
	29			
	29	3.	a0	
	30.	7.	B3	

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1913phae.proj.2155C

28 −48° 3480 S 3.0 −48 8.2 6.7 ✓

Identified by J. C. M. Nov. 15, 1913.

Checked by A.M.C. Nov. 28, 1913

Cards made out by S. R. B.

Cards checked by A.M.C.

✓ 29 − 43° 3818 7 55.7 −43 5 8.6 202 on B ~~20~~ 18289

~30 − 46 3435 7 43.7 − 46 18 5.9 14 on B 4216 2

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1913phae.proj.2155C

Friday Sept. 26, 1913

11.08 B 18289 +18297 short.

No.	Dur.	Class	Remark
1	2	a	E
2	1	K0	E
3	1	G5	E
4	3	a	E
5	2	K5	
6	2	a	E
7	4	K2	
8	2	F5	
9	1	A0	
10	2	A0	
11	1	Ma	
12	8	a	The preceding of two.
13	7	Bg	
14	6	F8	
15	1	K0	
16	2	F2	
17	3	F2	
18	2	Bg	
19	7	A0	
20	3	F2	
21	7	K0	
22	7	K0	
23	7	A0	
24	2	K2	
25	7	A3	
26	1	F5	
27	3	A2	

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1913phae.proj.2155C

1	−40°	3481	7	43.2	−40	51.0	8.9 ✓
2	−41°	3398	7	43.6	−41	12.8	9.0 ✓
3	−40°	3502	7	44.5	−40	57.7	9.0 ✓
4	−40°	3510	7	44.9	−40	35.5	9.3 ✓
5	−40°	3557	7	47.0	−40	53.6	8.6 ✓
6	−41°	3476	7	47.5	−41	13.7	9.6 ✓
7	−41°	3480	7	47.8	−41	27.7	7.6 ✓
8	−41°	3478	7	47.7	−41	40.2	9.3 ✓
9	−41°	3483	7	47.9	−41	34.2	9.5 ✓
10	−41°	3496	7	48.4	−41	34.2	9.7 ✓
11	−41°	3497	7	48.4	−41	55.7	9.3 ✓
12	−42°	3617	7	48.0	−42	0.2	8.7 ✓
13	−42°	3621	7	48.3	−42	20.3	9.4 ✓
14	−42°	3632	7	48.8	−42	11.8	9.4 ✓
15	−42°	3636	7	48.9	−42	6.7	9.7 ✓
16	−41°	3517	7	49.7	−41	56.2	9.5 ✓
17	−41°	3525	7	50.1	−41	50.2	9.3 ✓
18	−42°	3653	7	49.8	−42	10.3	9.8 ✓
19	−42°	3648	7	49.6	−42	21.1	9.4 ✓
20	−42°	3643	7	49.3	−42	32.8	9.6 ✓
21	−42°	3661	7	50.2	−42	44.9	8.5 ✓
22	−42°	3664	7	50.4	−42	8.6	7.7 ✓
23	−42°	3676	7	51.1	−42	13.2	9.2 ✓
24	−42°	3680	7	51.3	−42	7.3	9.5 ✓
25	−42°	3678	7	51.2	−42	17.4	9.4 ✓
26	−42°	3686	7	51.5	−42	0.0	9.7 ✓
27	−41°	3543	7	51.5	−41	45.2	9.4 ✓

cards made out

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1913phae.proj.2155C

Friday September 26, 1913

18289
B+8929 shots

No.	Int.	Class	Remarks
28	1	A2	
29	1	K2	
30	3	K0	
31	6	F2	
32	6	A5	
33	3	A2	
34	7	A0	
35	4	G5	
36	4	K0	
37	3	K2	
38	3	K2	
39	3	G5	
40	3	G0	
41	2	F5	
42	2	K2	
43	3	B9	
44	4	K0	
45	8	A0	
46	8	A0	
47	5	K0	
48	2	K2	
49	1	K2	Partly superposed on 50
50	2	G5	
51	2	A3	
52	4	K0	
53	2	A0	
54	2	A0	

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1913phae.proj.2155c

28	−41°	3539	7	51.2	−41	28.2	10 ✓
29	−41°	3542	7	51.4	−41	23.6	9.0 ✓
30	−41°	3542.5	7	51.4.5	−41	30.2 ~~23.6~~	8.9 ~~9.0~~ ✓
31	−41°	3549	7	51.8	−41	35.2	9.0 ✓
32	−41°	3553	7	51.9	−41	34.6	9.1 ✓
33	−41°	3555	7	52.1	−41	40.5	9.6 ✓
34	−41°	3557	7	52.2	−41	38.2	9.4 ✓
35	−41°	3560	7	52.3	−41	35.1	8.7 ✓
36	−41°	3562	7	52.4	−41	25.2	8.9 ✓
37	−41°	3561	7	52.3	−41	9.3	9.1 ✓
38	−40°	3659	7	52.4	−40	54.8	9.0 ✓
39	−41°	3546	7	51.6	−41	4.4	9.1 ✓
40	−41°	3540	7	51.3	−41	4.0	9.3 ✓
41	−41°	3554	7	52.0	−41	18.2	9.7 ✓
42	−41°	3531	7	50.7	−41	4.0	9.5 ✓
43	−40°	3626	7	50.5	−40	42.5	9.6 ✓
44	−40°	3619	7	50.1	−40	24.1	8.7 ✓
45	−40°	3618	7	50.1	−40	31.9	8.5 ✓
46	−40°	3608	7	49.7	−40	39.5	8.7 ✓
47	−40°	3603	7	49.4	−40	27.4	8.3 ✓
48	−40°	3616	7	49.9	−40	58.5	9.3 ✓
49	−40°	3607	7	49.7	−40	55.2	8.9 ✓
50	−41°	3518	7	49.7	−41	0.3	9.0 ✓
51	−40°	3596	7	49.0	−40	49.5	9.7 ✓
52	−40°	3588	7	48.5	−40	59.5	8.5 ✓
53	−41°	3490	7	48.2	−41	8.8	9.6 ✓
54	−41°	3488	7	48.1	−41	18.6	9.7 ✓

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1913phae.proj.2155C

Friday Sept. 26, 1913

B 18289 ~~18289~~ short.

No.	Dur.	Class	Remarks
55	2	A0	
56	1	A2	
57	1	K2	
58	1	A2	
59	3	A0	
60	1	G5	
61	3	A0	
62	1	A5	
63	4	K0	
64	3	G5	
65	4	A2	
66	2	F0	
67	3	A2	
68	1	A0	
69	3	B9	
70	6	A3	
71	2	A0	
72	3	B5	
73	4	G5	
74	3	K0	
75	2	K2	
76	1	K5	
77	1	A	
78	2	A3	
79	5	K2	
80	2	A0	
81	8	K0	

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1913phae.proj.2155C

55	-41°	3441	7	45.9	-41	22.8	9.1 ✓
56	-41°	3444	7	46.0	-41	33.2	9.5 ✓
57	-41°	3464	7	47.1	-41	40.6	9.0 ✓
58	-41°	3472	7	47.3	-41	39.2	9.7 ✓
59	-40°	3585	7	48.4	-40	14.3	9.3 ✓
60	-40°	3583	7	48.3	-40	27.1	9.3 ✓
61	-39°	3733	7	49.1	-39	56.3	9.1 ✓
62	-40°	3637	7	51.0	-40	15.8	9.6 ✓
63	-40°	3656	7	52.1	-40	15.0	8.7 ✓
64	-39°	3805	7	52.3	-39	52.6	8.7 ✓
65	-39°	3806	7	52.3	-39	35.9	8.9 ✓
66	-39°	3807	7	52.4	-39	17.6	9.1 ✓
67	-39°	3819	7	53.0	-39	10.0	9.0 ✓
68	-39°	3797	7	51.8	-39	41.9	9.7 ✓
69	-40°	3676	7	52.8	-40	0.7	9.1 ✓
70	-39°	3817	7	52.9	-39	41.3	8.4 ✓
71	-39°	3810	7	52.6	-39	40.9	9.4 ✓
72	-40°	3702	7	54.5	-40	0.2	8.7 ✓
73	-40°	3715	7	54.9	-40	7.2	8.4 ✓
74	-40°	3723	7	55.3	-40	9.5	8.7 ✓
75	-39°	3868	7	55.4	-39	38.0	8.5 ✓
76	-39°	3869	7	55.6	-39	40.5	9.1 ✓
77	-38°	3880	7	56.1	-39	44.0	9.6 ✓
78	-39°	3881	7	56.2	-39	42.0	9.6 ✓
79	-40°	3731	7	55.9	-40	15.5	8.3 ✓
80	-40°	3735	7	56.2	-40	4.6	9.3 ✓
81	-40°	3741	7	56.5	-40	10.8	8.0 ✓

cards made out

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1913phae.proj.2155C

Friday Sept. 26. 1913

B 18289 ~~17909~~ short

No.	Int.	Area	Remarks
82	7	Ko	
83	3	Bq	
84	5	Bq	
85	4	K5	
86	2	A2	
87	2	A3	
88	4	Ma	
89	4	A2	
90	2	F2	
91	3	F5	
92	3	K5	
93	7	Ko	
94	6	B8	
95	1	Ko	
96	3	Ao	
97	4	Ao	
98	3	Ko	
99	6	Ko	
100	8	Ao	the following of two.
101	6	Ao	
102	4	F5	
103	8	A2	
104	4	Ko	
105	2	Ao	
106	2	A2	
107	1	A2	
108	3	Bq	

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1913phae.proj.2155C

82	−40°	3745	7	56.6	−40	13.5	8.2	✓
83	−40°	3745 (39)	7	56.6 (5)	−40	20.7 / 13.5	9.6 / 8.2	✓
84	−40°	3734	8 (7)	56.1	−40	33.8	9.2	✓
85	−40°	3708	7	54.7	−40	34.0	8.6	✓
86	−40°	3714	7	54.9	−40	34.3	9.7	✓
87	−40°	3692	7	53.7	−40	41.6	9.5	✓
88	−40°	3685	7	53.4	−40	55.8	8.3	✓
89	−40°	3680	7	53.1	−40	58.8	9.5	✓
90	−41°	3572	7	53.1	−41	6.8	9.6	✓
91	−41°	3569	7	53.0	−41	15.6	9.5	✓
92	−41°	3576	7	53.4	−41	14.2	9.3	✓
93	−41°	3579	7	53.5	−41	11.2	7.5	✓
94	−41°	3585	7	53.7	−41	12.2	9.5	✓
95	−41°	3577	7	53.4	−41	26.1	9.7	✓
96	−41°	3592	7	54.1	−41	40.5	9.3	✓
97	−41°	3601	7	54.6	−41	47.3	9.3	✓
98	−41°	3611	7	55.0	−41	32.0	9.0	✓
99	−41°	3616	7	55.2	−41	36.0	8.0	✓
100	−42°	3722	7	52.9	−42	2.6	8.8	∧✓
101	−42°	3688	7	51.6	−42	30.2	9.5	✓
102	−42°	3700	7	51.9	−42	32.0	9.5	✓
103	−42°	3710	7	52.4	−42	23.0	9.3	∧✓
104	−42°	3716	7	52.7	−42	42.6	9.8	∧✓
105	−42°	3724	7	53.0	−42	35.8	10	∧✓
106	−42°	3683	7	51.4	−42	46.5	9.8	✓
107	−42°	3685	7	51.5	−42	36. (39.6)	9.9	✓
108	−42°	3696	7	51.8	−42	51.7	9.8	✓

cards made out

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1913phae.proj.2155C

Friday Sept. 26 1913

R 18289 ~~18229~~ shots.

No.	Qut.	class	Remarks
109	2	G5	
110	7	A0	
111	3	A2	
112	7	A0	
113	5	A0	
11.25 114	8	F2	
Monday Sept 29, 1913 11.35 115	3	A0	
116	5	F5	
117	2	K2	
118	3	K5	
119	1	A0	
120	1.	B9	
121	2	G5	
122	3	F0	
123	1	K2	
124	4	K0	
125	8	K0	
126	2	B9	Partly superposed on 127
127	7	B9	
128	4	A	Partly superposed on 129
129	8	A	Burned out.
130	2	A	Partly superposed on 129
131	6	A0	
132	7	B9	
133	4	B8	Partly superposed on 132
134	3.	A5	
135	7	K0	

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1913phae.proj.2155C

109	-42°	3693	7	51.8	-42	58.5	9.6	✓
110	-42°	3703	7	52.1	-42	53.5	9.2	✓
111	-42°	3708	7	52.3	-42	50.6	10	∧✓
112	-42°	3714	7	52.5	-42	56.7	9.6	✓
113	-42°	3718	7	52.8	-42	55.5	9.7	∧✓
114	-42°	3731	7	53.4	-42	55.7	9.1	∧✓
115	-42°	3738	7	54.0	-42	38.0	9.6	∧✓
116	-42°	3740	7	54.0	-42	29.0	9.6	∧✓
117	-42°	3732	7	53.5	-42	22.0	9.9	∧✓
118	-42°	3734	7	53.6	-42	23.1	9.2	∧✓
119	-42°	3733	7	53.5	-42	8.5	9.9	∧✓
120	-42°	3735	7	53.7	-42	8.0	9.9	∧✓
121	-42°	3743	7	54.2	-42	13.4	9.7	∧✓
122	-42°	3741	7	54.1	-42	40.5	10	∧✓
123	-42°	3744	7	54.3	-42	44.6	9.7	∧✓
124	-42°	3747	7	54.4	-42	50.8	9.5	∧✓
125	-42°	3742	7	54.1	-42	57.6	8.8	∧✓
126	-43°	3791	7	54.1	-43	8.8	9.8	✓
127	-43°	3790	7	54.1	-43	7.1	9.7	✓
128	-43°	3774 (5)	7	53.6	-43	~~8.1~~ 4.8	~~9.8~~ 9	✓
129	-43°	3774 (6)	7	53.6	-43	~~8.1~~ 9.8	~~9.8~~ 2	✓
130	-43°	3774	7	53.6	-43	8.1	9.8	✓
131	-43°	3762	7	53.2	-43	~~8.8~~ 16.2	~~7.8~~ 9.6	✓
132	-43°	3743	7	52.1	-43	15.9	9.8	✓
133	-43°	3744	7	52.1	-43	19.4	9.8	✓
134	-43°	3725	7	51.1	-43	13.5	9.7	✓
135	-43°	3734	7	51.6	-43	27.2	8.3	✓

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1913phae.proj.2155C

Monday Sept. 29, 1913

B 18289 short

No.	Int.	Class	Remarks
136	8	A2	Another star superposed in prec. side probably F5
137	5	F5	
138	4	A0	
139	3	A0	
140	2	K0	
141	1	K2	
142	2	G5	
143	2	K5	
144	3	K5	
145	6	A0	
146	3	F	
147	1	A	Partly superposed on 146
148	2	K0	
149	3	K2	
150	3	A2	
151	2	G5	
152	2	A0	
153	2	A0	
154	5	A0	
155	7	A0	
156	4	A0	
157	3	A2	
158	3	A0	
159	4	A3	
160	2	F5	
161	2	B8	
162	4	G5	

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1913phae.proj.2155C

136	−43°	3727	7	51.1	−43	32.5	9.8	✓ −43° 3726 superposed 9.3
137	−43°	3722	7	50.8	−43	46.7	9.6	✓
138	−43°	3719	7	50.6	−43	44.9	9.9	✓
139	−43°	3713	7	50.4	−43	58.2	9.6	✓
140	−43°	3710	7	50.1	−43	45.5	9.8	✓
141	−43°	3708	7	50.1	−43	12.0	9.5	✓
142	−43°	3704	7	49.9	−43	16.4	9.6	✓
143	−42°	3659	7	50.2	−42	54.6	9.8	✓
144	−43°	3690	7	49.0	−43	39.4	9.0	✓
145	−43°	3687	7	49.0	−43	52.8	9.8	✓
146	−43°	3684	7	48.6	−43	41.1	9.9	✓
147	−43°	3682	7	48.5	−43	36.0	10	✓
148	−43°	3672	7	48.1	−43	19.9	9.8	✓ ✓
149	−43°	~~3674~~ 3675	~~7~~ 7	~~48.2~~ 48.2	~~−43~~ −43	~~32.6~~ 36.0	~~10.0~~ 9.3	AJ b. Dec. 10, 1913
150	−43°	3670	7	48.1	−43	30.3	10	✓
151	−44°	3814	7	48.6	−44	2.8	9.3	∧ ✓
152	−44°	3809	7	48.4	−44	5.2	9.5	∧ ✓
153	−44°	3812	7	48.5	−44	30.5	9.4	∧ ✓
154	−44°	3830	7	49.8	−44	26.7	9.4	∧ ✓
155	−44°	3831	7	49.9	−44	32.8	9.3	∧ ✓
156	−44°	3845	7	50.5	−44	30.2	9.5	∧ ✓
157	−44°	3846	7	50.5	−44	17.7	10	∧ ✓
158	−43°	3741	7	52.1	−43	41.7	9.8	✓
159	−43°	3746	7	52.2	−43	55.3	9.7	✓
160	−43°	3763	7	53.2	−43	36.0	9.8	✓
Trail of	−43°	3766	7	53.3	−43	46.3	5.7	✓
	−43°	3787	7	54.0	−43	32.4	9.8	✓

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Monday Sept. 29, 1913

B 18289 shot

No.	Int.	Class	Remarks
163	6	Bg	
164	8	a0	
165	6	a2	
166	8	b0	
167	7	b5	
168	1	K0	Nearly all superposed on 167
169	2	a3	
170	1	K0	
171	2	Bg	
172	2	B8	
173	2	b0	
174	2	F5	
175	2	Comp	Br = F5 Fk. = a2 Lines narrow.
176	4	a0	
177	3	K0	
178	5	a2	
179	7	a2	
180	1	B8	
181	2	a0	
182	1	a0	
183	4	Bg	
184	3	a0	
185	3	b0	
186	7	F5	
187	2	Bg	
188	1	a0	
189	2	K0	

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1913phae..proj..2155C

163	−43°	3796	7	54.3	−43	30.0	9.6 ✓
164	−43°	3781	7	53.8	−43	54.6	9.5 ✓
165	−43°	3782	7	53.9	−43	56.6	9.7 ✓
166	−43°	3806	7	55.0	−43	18.4	8.7 ✓
167	−42°	3764	7	55.5	−42	58.0	9.1 ∧ ✓
168	−42°	3765	7	55.6	−42	57.3	9.4 ∧ ✓
169	−42°	3773	7	56.1	−42	29.5	9.9 ∧ ✓
170	−42°	3794	7	57.5	−42	15.9	9.6 ∧ ✓
171	−41°	3669	7	57.7	−41	54.6	9.6 ✓
172	−41°	3679	7	58.3	−41	51.2	9.5 ✓
173	−41°	3682	7	58.4	−41	59.2	9.5 ✓
174	−41°	3689	7	58.8	−41	53.4	9.5 ✓
175	−41°	3694	7	59.2	−41	50.4	9.6 ✓
176	−41°	3690	7	58.9	−41	22.0	9.4 ✓
177	−41°	3695	7	59.3	−41	24.0	8.3 ✓
178	−41°	3708	8	0.1	−41	24.5	9.2 ✓
179	−41°	3710	8	0.2	−41	18.9	8.6 ✓
180	−41°	3724	8	0.4	−41	18.9	9.6 ✓
181	−41°	3740	8	1.4	−41	22.7	9.5 ✓
182	−41°	3743	8	1.5	−41	25.7	9.6 ✓
183	−41°	3746	8	1.6	−41	42.5	9.3 ✓
184	−42°	3849	8	0.1	−42	19.6	9.6 ✓
185	−42°	3858	8	0.8	−42	19.5	9.5 ✓
186	−42°	3871	8	1.2	−42	11.4	8.7 ✓
187	−42°	3876	8	1.4	−42	5.2	9.8 ∧ ✓
188	−42°	3883	8	2.0	−42	22.9	9.9 ✓
189	−42°	3892	8	2.4	−42	20.3	9.1 ✓

cards made out.

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1913phae.proj.2155C

Monday Sept. 29, 1913

B 18289 phot.

No.	Int.	Class	Remark
190	7	Ko	
191	1	Ko	
192	2	Bg	
193	2	Ko	
194	2	B8	
195	4	Bg	
196	3	Ko	
197	2	G5	
198	2	A2	
199	1	G5	
200	8	Bg	
201	2	A0	
202	10+	A	Burned out.
203	1	F5	
204	2	A0	
205	1	F8	
206	1	Ko	
207	2	Ko	
208	1	Ko	
209	3	B8	
210	3	F	Perhaps comp. Line K too faint for this class.
211	1	Ko	
212	2	Bg	
213	1	Ko	
214	3	F5	
215	3	Bg	
216	2	A5	

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1913phae..proj..2155C

190	−42°	3890	8	2.4	−42	30.2	9.0 ✓
191	−42°	3893	8	2.5	−42	36.4	10 ✓
192	−42°	3902	8	3.2	−42	14.3	9.9 ✓
193	−42°	3903	8	3.4	−42	18.6	9.3 ✓
194	−42°	3928	8	4.5	−42	14.9	9.9 ✓
195	−42°	3934	8	4.8	−42	25.1	9.5 ✓
196	−42°	3943	8	5.4	−42	23.3	9.0 ✓
197	−42°	3940	8	5.3	−42	36.2	9.7 ✓
198	−43°	3992	8	5.2	−43	2.0	9.9 ✓
199	−43°	3982	8	4.7	−43	2.0	10 ✓
200	−43°	3812	7	55.5	−43	27.2	9.4 ✓
201	−43°	3815	7	55.6	−43	16.4	9.6 ✓
202	−43°	3818	7	55.7	−43	5.0	8.6 ✓
203	−43°	3830	7	56.3	−43	3.6	9.9 ✓
204	−42°	3805	7	58.2	−42°	54.8	9.9 ✓
205	−42°	3803	7	58.1	−42	30.6	9.9 ✓
206	−42°	3812	7	58.4	−42	38.0	9.6 ✓
207	−42°	3819	7	58.7	−42	40.0	9.5 ✓
208	−42°	3830	7	59.1	−42	39.4	9.7 ✓
209	−42°	3840	7	59.7	−42	44.1	9.8 ✓
210	−42°	3845	7	59.8	−42	39.6	9.8 ✓
211	−42°	3847	8	0.0	−42	35.9	9.8 ✓
212	−42°	3850	8	0.1	−42	37.5	9.6 ✓
213	−42°	3848	8	0.0	−42	29.4	9.8 ✓
214	−42°	3868	8	1.1	−42°	47.8	9.6 ✓
215	−43°	3919	8	1.4	−43	7.6	9.0 ✓
216	−43°	3903	8	0.5	−43	30.4	9.6 ✓

cards made out

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1913phae.proj.2155C

Monday Sept. 29, 1913

B 18289 short.

No.	Int.	Class	Remark
217	2	A5	(Partly superposed on a brighter star)
218	1	K0	
219	2	F5	
220	3	K0	
221	2	K2	
222	2	A0	
223	2	K0	
224	2	K0	
225	2	G5	
226	1	A0	
227	1	G5	
228	3	A2	
229	2	B9	
230	1	K5	
231	1	A	
232	3	K2	
233	2	G5	
234	2	A2	
235	1	A2	
236	1	K0	
237	1	B8	
238	1	K0	
239	1	B9	
240	1	K5	
241	1	B9	
242	2	A2	
243	3	B9	

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1913phae..proj..2155C

217	−43°	3897	X 8	0.3	−43	30.9	9.8	✓
218	−43°	3876	7	59.3	−43	40.0	10	✓
219	−43°	3868	7	58.9	−43	55.0	9.8	✓
220	−44°	3973	7	58.1	−44	2.2	9.2	1 ✓
221	−43°	3865	7	58.7	−43	18.9	9.7	✓
222	−43°	3885	7	59.8	−43	14.2	9.7	1 ✓
223	−44°	4023	8	0.9	−44	3.5	9.5	1 ✓
224	−44°	4029	8	1.5	−44	16.2	9.2	1 ✓
225	−43°	3921	8	1.5	−43	49.5	9.4	1 ✓
226	−43°	3922	8	1.5	−43	45.0	9.9	1 ✓
227	−43°	3923	8	1.7	−43	39.2	9.6	1 ✓
228	−43°	3931	8	2.1	−43	31.6	9.3	1 ✓
229	−43°	3944	8	2.5	−43	47.8	9.9	1 ✓
230	−43°	3953	8	3.0	−43	58.0	9.4	1 ✓
231	−44°	4055	8	2.9	−44	2.0	9.8	1 ✓
232	−44°	4057	8	3.0	−44	14.6	8.9	1 ✓
233	−43°	3943	8	2.5	−43	4.0	9.2	1 ✓
234	−42°	3882	8	1.7	−42	58.5	9.8	✓
	−43°	3950	8	2.8	−43	5.4	9.8	1 ✓
~~235~~	~~−42~~	~~4031~~	~~8~~	~~10.2~~	~~−42~~	~~43.6~~	~~9.6~~	✓
236	−42°	3900	8	3.2	−42	55.6	9.6	✓
237	−42°	3907	8	3.5	−42	50.0	10	✓
238	−42°	3911	8	3.7	−42	53.8	9.3	✓
239	−42°	3922	8	4.3	−42	35.2	9.9	✓
240	−42°	3909	8	3.6	−42	59.0	9.3	✓
241	−43°	3956	8	3.1	−43	22.8	10	1 ✓
242	−43°	3955	8	3.1	−43	41.0	9.8	1 ✓
243	−43°	3957	8	3.2	−43	44.3	9.9	1 ✓

−43° 3945 8 25 −43 45.4 magn 10.0 superposed

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1913phae.proj.2155C

Monday Sept. 29, 1913

B 18259 short.

	No.	Int.	Class	Remark
	244	3	A0	
	245	3	B8	
	246	2	F8	
	247	2	A0	
	248	3	K0	
	249	3	B8	
12.04	250	2	B9	
Wednesday Oct. 1 1913	251	2	G	Partly superposed on 252
11.16	252	2	K2	
	253	1	K5	
	254	1	A2	
	255	1	A5	
	256	2	A0	
	257	1	A2	
	258	1	K2	
	259	2	K5	
	260	2	A5	another plate superposed?
	261	2	B9	
	262	1	K2	
	263	1	A	
	264	1	A	
	265	3	B9	
	266	1	K5	
	267	2	K0	
	268	1	F2	
	269	3	F0	
	270	2	A0	

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1913phae.proj.2155C

244	-42°	4104	8	5.4	-42	13.0	9.7	1 ~ -44° 4103 8 5.0 -44 14.8 mags. 9.9 superposed
245	-42°	4118	8	6.3	-42	14.6	9.8	1 ~
246	-42°	4115	8	5.9	-42	31.2	9.5	1 ~
247	-42°	4116	8	6.1	-42	31.5	9.6	1 ~
248	-42°	4150	8	7.9	-42	5.3	9.4	1 ~
249	-43°	4034	8	8.1	-43	36.4	9.5	1 ~
250	-43°	4025	8	7.7	-43	24.4	9.4	1 ~
251	-43°	4042	8	8.6	-43	58.2	9.3	1 ~
252	-42°	4162	8	8.5	-42	1.1	9.2	1 ~
253	-43°	4043	8	8.6	-43	43.8	9.5	1 ~
254	GPD -43°	2328	8	9.4	-43	36.9	9.6	1 ~ Not in GDM.
255	-43°	4058	8	9.5	-43	45.2	9.9	1 ~
256	-43°	4067 (86)	8	10.8	-43	57.8 (6)	9.8	1 ~
257	-43°	4088	8	10.8	-43	49.2	9.9	1 ~
258	-43°	4103	8	11.6	-43	41.4	9.6	1 ~
259	-43°	4116	8	12.0	-43	14.9	9.0	1 ~
260	-43°	4109	8	11.8	-43	11.2	9.5	1 ~ 8 119-43 119 10. -43° 4112 superposed
261	-43°	4084	8	10.7	-43	6.9	9.4	1 ~
262	-43°	4060	8	9.7	-43	14.6	9.4	1 ~
263	-43°	4064 (9)	8	10.1 ~~9.9~~	-43	4.9 ~~5.2~~	9.9 (8)	1 ~
264	-42°	4035	8	10.4	-42	50.4	10	~
265	-42°	4031	8	10.2	-42	43.6	9.6	~
266	-42°	4012	8	9.2	-42	33.9	9.4	~
267	-42°	4011	8	9.2	-42	45.5	9.4	~
268	-42°	4010	8	9.1	-42	52.3	10	~
269	-42°	3997	8	8.5	-42	44.0	9.8	~
270	-42°	3996	8	8.5	-42	33.5	9.7	~

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1913phae.proj.2155C

~~Tues~~ Wednesday Oct, 1, 1913

B 1828 short

No.	Int.	class	Remark
271	1	B8	
272	3	B8	
273	5	Ao	
274	3	Ko	
275	1	Fo	
276	2	Fo	
277	1	K5	
278	2	A	Partly superposed on 279.
279	1	Fo	
280	2	A	Partly superposed on 281.
281	1	G	Nearly all superposed on 280
282	2	Bq	
283	5	K5	
284	5	Ko	
285	6	Bq	
286	1	Ko	
287	1	A3	
288	7	Bq	
289	3	Ko	
290	2	F8	
291	3	Ao	
292	5	Ao	
293	2	Bq	
294	2	G5	
295	4	Ao	
296	1	G5	
297	1	Go	

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1913phae.proj.2155C

271	−42°	3983	8	7.4	−42	48.8	9.9 ✓
272	−41°	3855	8	7.1	−41	58.8	9.3 ✓
273	−42°	3967	8	7.0	−42	10.5	9.6 ✓
274	−42°	3953	8	6.2	−42	17.9	8.8 ✓
275	−42°	3948	8	5.9	−42	18.0	9.9 ✓
276	−42°	3949	8	5.9	−42	2.5	9.8 ✓
277	−41°	3828	8	5.7	−41	53.3	9.1 ✓
278	−41°	3815	8	5.0	−41	40.5	9.8 ✓
279	−41°	3816	8	5.0	−41	45.0	9.5 ✓
280	−41°	3809	8	4.9	−41	39.5	9.6 ✓
281	−41°	3810	8	4.9	−41	42.7	9.5 ✓
282	−41°	3805	8	4.6	−41	39.9	9.6 ✓
283	−40°	3910	8	5.5	−40	54.7	8.0 ✓
284	−40°	3892	8	4.3	−40	52.3	8.3 ✓
285	−40°	3889	8	4.1	−40	56.0	8.7 ✓
286	−40°	3786 ~~3892~~	8	3.6 ~~4.3~~	−40	3.2 ~~52.3~~	9.5 ~~8.3~~ ✓
287	−40°	3862	8	2.7	−40	43.9	9.8 ✓
288	−40°	3863	8	2.7	−40	33.4	8.5 ✓
289	−40°	3854	8	2.4	−40	22.9	9.3 ✓
290	−40°	3859	8	2.6	−40	38.9	9.6 ✓
291	−40°	3849	8	2.3	−40	35.9	9.5 ✓
292	−40°	3840	8	1.8	−40	32.4	9.5 ✓
293	−40°	3847	8	2.1	−40	56.4	9.4 ✓
294	−40°	3812	8	0.2	−40	38.3	9.1 ✓
295	−40°	3813	8	0.2	−40	45.0	9.3 ✓
296	−40°	3811	8	0.1	−40	55.9	9.4 ✓
297	−41°	3722	8	0.8	−41	2.3	9.6 ✓

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1913phae.proj.2155C

Wednesday Oct. 1, 1913

B1828q plant.

No.	Qu.	class	Remark
298	2	A5	
299	1	K2	
300	1	K0	
301	3	A0	
302	5	A0	
303	8	K0	
304	1	A0	
305	2	A0	
306	1	B9	
307	3	F5	
308	1	B9	
309	1	K5	
310	2	K2	
311	2	A2	
312	5	F0	
313	3	A2	
314	2	F5	
315	4	B9	
316	2	K2	
317	1	K0	
318	3	F0	
319	2	F2	
320	2	A5	
321	2	F8	
322	3	A0	
323	5	F0	
324	2	K0	

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1913phae.proj.2155C

298	−41°	3736	8	1.2	−41	8.1	9.6 ✓
299	−41°	3726	✗ 8	0.9	−41	9.9	9.5 ✓
300	−41°	3700	7	59.7	−41	3.2	9.6 ✓
301	−40°	3796	7	59.5	−40	48.4	9.4 ✓
302	−40°	3784	7	58.9	−40	41.9	9.2 ✓
303	−40°	3783	7	58.8	−40	46.4	7.5 ✓
304	−40°	3684	7	58.5	−40	6.8	9.8 ✓
305	−41°	3683	7	58.4	−41	6.8	9.6 ✓
306	−41°	3678	7	58.3	−41°	21.0	9.9 ✓
307	−41°	3662	7	57.5	−41	25.0	9.3 ✓
308	−41°	3650	7	57.0	−41	12.8	9.6 ✓
309	−41°	3643	7	56.7	−41	26.6	9.4 ✓
310	−41°	3641	7	56.7	−41	28.6	9.4 ✓
311	−41°	3633	7	56.3	−41	33.6	9.6 ✓
312	−41°	3632	7	56.2	−41	19.0	9.3 ✓
313	−41°	3629	7	56.1	−41	17.0	9.7 ✓
314	−40°	3771	7	58.1	−40	47.7	9.3 ✓
315	−40°	3770	7	58.0	−40	52.6	9.0 ✓
316	−41°	3667	7	57.6	−41	0.2	9.0 ✓
317	−40°	3767	7	57.6	−40	26.0	9.6 ✓
318	−40°	3760	7	57.3	−40	28.1	9.3 ✓
319	−40°	3756	7	57.1	−40	24.0	9.3 ✓
320	−40°	3753	7	57.0	−40	32.0	9.4 ✓
321	−40°	3763	7	57.5	−40	8.5	9.3 ✓
322	−39°	3914	7	57.6	−39	49.4	9.3 ✓
323	−39°	3927	7	58.3	−39	46.0	8.5 ✓
324	−39°	3923	7	58.1	−39	31.9	9.0 ✓

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1913phae.proj.2155C

Wednesday Oct 1, 1913

B 18289 shut

No.	Dist.	class	Remark
325	3	Fo	
326	3	G5	
327	3	Ao	E
328	4	Ko	
329	1	N	0, 6, 10
330	2	Ao	
331	1	K5	
332	1	Ko	
333	5	Ao	
334	2	Ao	
335	1	Ao	
336	1	A	
337	5	A2	
338	6	Ko	
339	2	A2	
340	1	A	
341	2	A, 2	
342	3	Fo	
343	4	Ao	
344	6	Ao	
345	5	Fo	
346	7	B9	
347	8	B9	
348	8	G5	
349	1	K5	
350	2	A2	
351	3	B9	

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1913phae.proj.2155c

325	−39°	3900	7	56.9	−39	23.4	9.2 ✓
326	−39°	3891	7	56.7	−39	52.6	9.5 ✓
327	−39°	3867	7	55.3	−39	7.2	9.3 ✓
328	−38°	3973	7	57.9	−38	49.3	8.5 ✓
329	−38°	4049	8	0.8	−38	24.8	8.5 ✓
330	−38°	4018	7	59.8	−38	57.2	9.7 ✓
331	−39°	3951	7	59.9	−39	4.0	8.2 ✓
332	−39°	3914 .36	7	~~57.6~~ 59.0	−39	~~49.4~~ 10.8	9.3 .0 ✓
333	−39°	3934	7	58.8	−39	17.5	9.0 ✓
334	−39°	3922	7	58.0	−39	10.5	9.5 ✓
335	−39°	3926	7	58.1	−39	17.3	9.3 ✓
336	−39°	3931	7	58.6	−39	21.8	9.4 ✓
337	−40°	3791	7	59.2	−40	2.1	8.9 ✓
338	−40°	3777	7	58.6	−40	3.1	7.3 ✓
339	−40°	3795	7	59.5	−40	15.1	9.6 ✓
340	−40°	3805	7	59.9	−40	13.8	9.9 ✓
341	−39°	3966	~~7~~ 8	0.8	−39	58.1	9.3 ✓
342	−39°	3975	8	1.2	−39	53.7	8.9 ✓
343	−40°	3829	8	1.1	−40	1.1	9.3 ✓
344	−40°	3831	8	1.4	−40	13.4	8.9 ✓
345	−40°	3837	8	1.7	−40	6.6	8.8 ✓
346	−39°	3987	8	1.8	−39	59.1	8.5 ✓
347	−39°	3991	8	1.9	−39	58.6	8.2 ✓
348	−39°	3989	8	1.8	−39	44.0	7.5 ✓
349	−39°	3979	8	1.3	−39	29.5	8.5 ✓
350	−40°	3839	8	1.8	−40	15.0	9.7 ✓
351	−40°	3866	8	2.9	−40	1.0	9.6 ✓

cont on page 182 cards made out

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1913phae.proj.2155C

Friday Sept. 26, 1913

11.50

B 2291 5 shot

No.	Dur.	Class	Remark
✓ 1	3	F0	
✓ 2	2	K2	
✓ 3	1	K2	
✓ 4	4	F5	
✓ 5	3	F0	
✓ 6	1	F8	
✓ 7	4	K0	
✓ 8	2	G5	Partly superposed on 7
✓ 9	3	K0	
✓ 10	9	A0	
✓ 11	1	K0	
✓ 12	1	G5	
✓ 13	4	G5	
✓ 14	3	A0	
✓ 15	3	F0	
✓ 16	2	K0	The following ↓ two
✓ 17	3	F0	
✓ 18	6	F2	
✓ 19	3	K2	
✓ 20	3	F5	
✓ 21	2	K2	
✓ 22	6	F0	
✓ 23	2	G5	
✓ 24	1	K2	
✓ 25	8	A0	
✓ 26	2	K0	
✓ 27	3	F5	

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1913phate.proj.2155C

1	−31°	~~7549~~ 7553	9	37.7	−31	~~10~~ 9	~~10~~ 9.0	
2	−31°	7563	9	37.9	−31	0	8.5	✓
3	−31°	7565	9	37.9	−31	13	9.3	✓
4	−30°	7850	9	39.0	−30	50	8.4	✓
5	−30°	7851	9	39.3	−30	37	8.6	✓
6	−30°	7855	9	39.5	−30	34	8.6	✓
7	−30°	7887	9	41.1	−30	42	7.9	✓
8	−30°	7888	9	41.1	−30	47	9.0	✓
9	−30°	7894	9	41.6	−30	24	8.3	✓
10	−30°	7895	9	41.6	−30	42	7.3	✓
11	−30°	7911	9	42.7	−30	24	8.3	✓
12	−30°	7908	9	42.5	−30	2	9.0	✓
13	−29°	7805	9	43.1	−29	44	8.3	✓
14	−29°	7819	9	43.9	−29	38	8.6	✓
15	−29°	7818	9	43.8	−29	52	8.5	✓
16	−30°	7933	9	44.2	−30	8	8.9	✓
17	−29°	7830	9	44.9	−29	54	8.7	✓
18	−29°	7827	9	44.5	−29	19	7.9	✓
19	−30°	7951	9	45.5	−30	21	8.4	✓
20	−30°	7964	9	46.3	−30	8	8.7	✓
21	−30°	7938	9	44.7	−30	47	8.1	✓
22	−30°	7953	9	45.6	−30	56	7.7	✓
23	−30°	7981	9	47.2	−30	40	8.5	✓
24	−30°	8005	9	48.9	−30	49	8.6	✓
25	−30°	8043	9	50.7	−30	30	6.9	✓
26	−30°	8045	9	50.9	−30	17	8.8	✓
27	−29°	7933	9	50.9	−29	46	8.4	✓

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1913phae.proj.2155C

Friday Sept 26, 1913

B 2 2 9 15 short.

	No.	Qut.	class	Remark
✓	28	2	K0	
✓	29	2	K0	
✓	30	4	A0	
✓	31	1	K0	
✓	32	1	A2	
✓	33	3	B3	
✓	34	1	K0	
✓	35	3	F5	Another star superposed at North--
✓	36	2	B9	
✓	37	2	F8	
✓	38	3	A0	
✓	39	3	K0	
✓	40	2	A2	
✓	41	5	K2	
✓	42	5	B8	
✓	43	2	G0	
✓	44	3	A2	
✓	45	5	A2	
✓	46	2	G5	
✓	47	7	K0	
✓	48	3	F8	
✓	49	4	A2	
✓	50	4	A0	
✓	51	2	A0	
✓	52	1	K2	
✓	53	2	A	
✓	54	4	K0	

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1913phae.proj.2155C

28	−29°	7937	9	51.0	−29	32	7.8	✓
29	−29°	7936	9	51.0	−29	21	8.1	✓
30	−30°	8060	9	51.9	−30	34	9.0	✓
31	−30°	8037	9	50.6	−30	43	8.8	✓
32	−30°	8035	9	50.5	−30	53	9.5	✓
33	−30°	8049	9	51.0	−30	51	8.8	✓
34	−30°	8062	9	52.0	−30	51	9.0	✓
35	−31°	7814	9	52.4	−31	12	8.4	✓
36	−31°	7831	9	53.5	−31	12	9.1	✓
37	−31°	7829	9	53.4	−31	31	8.5	✓
38	−32°	6948	9	54.3	−32	1	8.7	✓
39	−31°	7845	9	54.4	−31	58	8.0	✓
40	−31°	7855	9	55.0	−31	34	8.5	✓
41	−30°	8094	9	54.4	−30	45	7.3	✓
42	−30°	8083	9	53.7	−30	5	8.1	✓
43	−29°	7990	9	54.3	−29	40	8.2	✓
44	−30°	8106	9	54.8	−30	2	9.0	✓
45	−30°	8108	9	55.2	−30	11	8.4	✓
46	−30°	8116	9	56.1	−30	12	8.3	✓
47	−29°	8034	9	57.2	−29	58	6.8	✓
48	−29°	8037	9	57.4	−29	40	9.0	✓
49	−29	8046	9	57.9	−29	38	8.5	✓
50	−30°	8125	9	56.7	−30	42	8.8	✓
51	−30°	8110	9	55.4	−30	51	9.2	✓
52	−31°	7869 ~~7814~~	9	55.7 ~~52.4~~	−31	5 ~~+2~~	9.2 ~~8.4~~	✓
53	−31°	7886	9	56.4	−31	14	9.0	✓
54	−31°	7896	9	57.2	−31	22	8.0	✓

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Friday Sept. 26, 1913

B 2291.5 short.

	Ns.	Int.	Class	Remark
✓	55	3	a2	
✓	56	4	f0	
✓	57	8	f5	
✓	58	2	a0	
✓	59	2	g0	
✓	60	2	g5	
✓	61	3	a0	
✓	62	8	g5	
✓	63	3	a2	
✓	64	5	a2	
✓	65	1	K0	
✓	66	1	K0	
✓	67	5	g5	
✓	68	6	f0	
✓	69	3	g5	
✓	70	3	a2	
✓	71	5	g5	
✓	72	6 e.s	g5	
✓	73	8	g5	
✓	74	9	a2	
12.00 ✓	75	4.	a5	
Friday 9 Dec. 18, 19 ✓	76	1	K0	
1,37 ✓	77	5	f8	
✓	78	2	a2	
✓	79	3	a2	
✓	80	4	K0	
✓	81	1	a0	

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1913phae.proj.2155c

55	−31°	7597	9	39.6	−31	33	8.7 ✓
56	−31°	7596	9	39.5	−31	41	8.5 ✓
57	−32°	6709	9	40.0	−32	6	7.0 ✓
58	−32°	6724	9	40.9	−32	18	9.1 ✓
59	−31°	7641	9	42.0	−31	40	8.3 ✓
60	−31°	7644	9	42.2	−31	3	9.0 ✓
61	−32°	6750	9	42.3	−32	26	8.7 ✓
62	−32°	6749	9	42.2	−32	40	7.0 ✓
63	−32°	6765	9	43.2	−32	5	8.7 ✓
64	−32°	6771	9	43.5	−32	14	8.2 ✓
65	−32°	6799	9	45.2	−32	16	8.7 ✓
66	−31°	7705	9	45.7	−31	56	8.4 ✓
67	−32°	6821	9	46.5	−32	24	7.2 ✓
68	−32°	6854	9	48.5	−32	38	7.8 ✓
69	−32°	6859	9	48.8	−32	44	8.7 ✓
70	−32°	6877	9	49.7	−32	30	9.0 ✓
71	−32°	6879	9	49.8	−32	47	7.3 ✓
72	−33°	6493	9	49.7	−33	6	7.2 ✓
73	−32°	6895	9	51.2	−32	50	6.4 ✓
74	−32°	6909	9	51.8	−32	15	7.5 ✓
75	−32°	6921	9	52.4	−32	40	8.9 ✓
76	−32°	6917	9	52.1	−32	44	9.3 ✓
77	−32°	6903	9	51.6	−32	35	9.0 ✓
78	−32°	6906	9	51.7	−32	51	9.3 ✓
79	−33°	6527	9	51.6	−33	9	8.3 ✓
80	−33°	6523	9	51.2	−33	~~9.4~~ 9	8.6 ✓
81	−33°	6551	9	53.2	−33	33	9.4 ✓

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Friday
Thursday December 18, 1913
B 2291 5 short.

No.	Dist.	Class	Remarks
✓ 82	4	A0	
✓ 83	1	K0	
✓ 84	3	F5	[the pair, of two.]
✓ 85	4	G0	
✓ 86	2	K2	
✓ 87	2	K2	
✓ 88	5	A2	
✓ 89	3	A5	
✓ 90	4	A0	
✓ 91	2	K2	
✓ 92	2	K0	
✓ 93	2	K0	
✓ 94	4	G5	
✓ 95	2	A0	
✓ 96	2	K0	
✓ 97	1	K0	
✓ 98	2	A0	
✓ 99	1	K2	
✓ 100	2	A5	
✓ 101	3	F2	
✓ 102	2	A2	
✓ 103	4	A0	
✓ 104	2	G5	
✓ 105	1	A0	
✓ 106	3	Ma	
✓ 107	2	G5	
✓ 108	3	A0	

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1913phae..proj.2155C

82	−34°	6296	9	52.0	−34	6	8.9	✓
83	−33°	6556	9	53.4	−33	56	8.5	✓
84	−34°	6325	9	54.2	−34	17	9.0	
85	−34°	6328	9	54.4	−34	25	8.7	✓
86	−34°	6327	9	54.4	−34	46	9.0	✓
87	−35°	6058	9	54.2	−35	5	9.1	✓
88	−35°	6078	9	56.1	−35	4	8.9	−35° 6078 dup. 9.0
89	−35°	6073	9	55.3	−35	21	9.0	✓
90	−34°	6311	9	53.0	−34	54	9.3	✓
91	−34°	6302	9	52.6	−34	43	8.9	✓
92	−34°	6039	9	52.4	−34	4	8.9	✓
93	−34°	6295	9	52.0	−34	56	8.9	✓
94	−35°	6031	9	51.6	−35	5	8.8	✓
95	−34°	6265	9	49.9	−34	14	9.3	✓
96	−34°	6259	9	49.4	−34	15	8.9	✓
97	−33°	6505	9	50.2	−33	59	9.0	✓
98	−33°	6511	9	50.7	−33	38	9.0	✓
99	−33°	6490	9	49.6	−33	56	9.1	✓
100	−33°	6483	9	49.0	−33	54	9.0	✓
101	−33°	6431	9	46.1	−33	52	9.0	✓
102	−34°	6218	9	46.5	−34	19	9.4	✓
103	−34°	6194	9	44.8	−34	32	9.2	✓
104	−34°	6184	9	44.3	−34	27	9.0	✓
105	−34°	6198	9	45.0	−34	53	9.3	✓
106	−35°	5994	9	47.7	−35	23	8.5	✓
107	−34°	6163	9	42.6	−34	32	8.9	✓
108	−34°	6149	9	41.9	−34	38	9.0	✓

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1913phae.proj.2155C

Friday
~~Thursday~~ December 19, 1913
B 2915 short

No.	Qrt.	Class	Remarks
109	2	A0	
110	2	K5	
111	4	A0	
112	3	G5	
113	3	A0	
114	4	G0	
115	1	G5	
116	2	A0	
117	3	A0	
118	2	G0	
119	2	K0	
120	4	A0	
121	2	F8	
122	4	G5	
123	2	G5	
124	2	K2	
125	5	K2	
126	2	G0	
127	2	A0	
128	2	K2	
129	2	G0	
130	2	A0	
131	3	F8	
132	2	F0	
133	1	A0	
134	2	K0	
135	4	G5	

Comp in Book 76, 212

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1913phae..proj.2155C

109	−35°	5923	9	41.1	−35	12	9.3 ✓
110	−34°	6132	9	40.5	−34	4	8.2 ✓
111	−33°	6349	9	41.1	−33	51	8.8 ✓
112	−33°	6373	9	42.5	−33	31	8.5 ✓
113	−33°	6367	9	42.2	−33	18	9.0 ✓
114	−33°	6414	9	44.9	−33	32	8.5 ✓
115	−33°	6406	9	44.4	−33	57	9.3 ✓
116	−33°	6404	9	44.3	−33	40	9.5 ✓
117	−33°	6391	9	43.6	−33	46	8.8 ✓
118	−33°	6389	9	43.5	−33	44	9.0 ✓
119	−33°	6403	9	44.1	−33	23	9.0 ✓
120	−32°	6803	9	45.5	−32	48	8.7 ✓
121	−32°	6801	9	45.2	−32	30	9.0 ✓
122	−32°	6800	9	45.2	−32	41	8.7 ✓
123	−32°	6793	9	45.0	−32	45	9.3 ✓
124	−32°	6791	9	44.9	−32 (3)	0	8.6 ✓
125	−32°	6777	9	44.0	−32	49	8.0 ✓
126	−32°	6779	9	44.1	−32	34	9.2 ✓
127	−32°	6768	9	43.3	−32	32	9.3 ✓
128	−32°	6772	9	43.6	−32	55	8.5 ✓
129	−33°	6387	9	43.4	−33	13	9.6 ✓
130	−32°	6730	9	41.2	−32	55	9.5 ✓
131	−31°	7632	9	41.6	−31	53	8.8 ✓
132	−32°	6718	9	40.5	−32	6	9.2 ✓
133	−31°	7595	9	39.2	−31	46	9.7 ✓
134	−31°	7592	9	39.1	−31	49	8.7 ✓
135	−31°	7561	9	37.8	−31	43	8.4 ~~9.7~~

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1913phae.proj.2155C

Saturday Sept. 27, 1913

10, to 20

B 19,56 short

	No.	Sub.	Class	Remark
✓	1	1	a	
✓	2	1	K2	
✓	3	2	a2	
✓	4	10+	B8	
✓	5	10+	F5	
✓	6	4	F5	
✓	7	6	B0	
✓	8	2	a0	
✓	9	3	a0	
✓	10	6	a0	
✓	11	1	K	
✓	12	4	B3	
✓	13	1	F	
✓	14	1	K2	
✓	15	2	B9	
✓	16	2	a0	
✓	17	3	K0	
✓	18	2	K5	
✓	19	2	a0	
✓	20	8	B9	
✓	21	3	F5	The preceding of two.
✓	21a	1	F	
✓	22	1	a5	
✓	23	3	B5	
✓	24	6	B5	
✓	25	4	B9	
✓	26	2	B8	
✓	27	4	B8	

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1913phae.proj.2155C

1	−42°	4905	8	57.8	−42	1	9.6 ✓
2	−41°	4739	8	57.7	−41	56	8.9 ✓
3	−41°	4734	8	57.3	−41	30	9.1 ✓
4	−41°	4720	8	56.7	−41	22	6.2 ✓
5	−40°	4810	8	55.4	−40	46	5.2 ✓
6	−40°	4803	8	54.8	−40	37	8.1 ✓
7	~~−39~~ −40°	4838	8	57.4	−40	4	7.1 ✓
8	−40°	4816	8	55.8	−40	2	9.2 ✓
9	−39°	5058	8	55.7	−39	52	9.0 ✓
10	−40°	4771	8	52.9	−40	52	8.0 ✓
11	−40°	4761	8	52.~~8~~ 5	−40	54	8.7 ✓
12	−40°	4736	8	50.8	−40	36	7.9 ✓
13	−40°	47~~82~~ 83	8	50.6	−40	47	9.5 ✓
14	−40°	4717	8	49.9	−40	26	8.5 ✓
15	−40°	4712	8	49.3	−40	43	8.7 ✓
16	−40°	4706	8	49.0	−40	33	9.0 ✓
17	−40°	4693	8	48.1	−40	31	7.7 ✓
18	−40°	4695	8	48.2	−40	57	8.0 ✓
19	−40°	4687	8	47.4	−40	36	8.9 ✓
20	−40°	4685	8	47.3	−40	31	7.0 ✓
~~21~~							
~~22~~ 21	−40°	4672	8	46.3	−40	34	8.7 ✓
22	−40°	4673	8	46.4	−40	34	9.3 ✓
23	−40°	4661	8	45.6	−40	35	8.8 ✓
23	−41°	4584	8	46.9	−41	24	9.2 ✓
24	−41°	4576	8	46.6	−41	12	8.5 ✓
25	−41°	4574	8	46.4	−41	29	9.0 ✓
26	−41°	4559	8	45.8	−41	26	8.7 ✓
27	−41°	4558	8	45.8	−41	15	8.7 ✓

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1913phae.proj.2155C

Saturday Sept 27, 1913

B 1956 short

	No.	Dist.	class	Remarks
✓	28	3	B5	
✓	29	5	B8	
✓	30	3	A0	Partly superposed on 29
✓	31	2	A5	" " 29
✓	32	7	B3	
✓	33	3	F0	
✓	34	1	A0	
✓	35	2	F2	
✓	36	1	A0	
✓	37	2	A0	
✓	38	7	A0	
✓	39	2	A0	
✓	40	1	A0	
	41	2	B9	
✓	42	7	B9	
✓	43	1	A0	
✓	44	7	B9	
✓	45	8	B8	
✓	46	1	A3	
✓	47	2	A	Partly superposed on 48
✓	48	1	A0	" " " 47
✓	49	3	F2	
✓	50	5	A0	
✓	51	7	B9	
✓	52	2	A0	
✓	53	5	A0	
✓	54	2	K0	

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1913phae.proj.2155C

28	−41°	4543	8	44.9	−41	6	9.0 ✓
29	−41°	4549	8	45.2	−41	16	8.5 ✓
30	−41°	4546	8	45.1	−41	17	9.0 ✓
31	−41°	4547	8	45.2	−41	24	9.3 ✓
32	−41°	4554	8	45.6	−41	38	8.0 ✓
33	−41°	4541	8	44.7	−41	52	9.0 ✓
34	−41°	4534	8	44.5	−41	48	9.6 ✓
35	−41°	4533	8	44.3	−41	39	9.0 ✓
36	−41°	4521	8	43.9	−41	34	9.3 ✓
37	−41°	4518	8	43.7	−41	25	9.0 ✓
38	−41°	4507	8	43.1	−41	16	7.0 ✓
39	−40°	4612	8	42.7	−40	59	9.0 ✓
40	−41°	4494	8	42.7	−41	26	9.0 ✓
41	−42°	4658	8	44.2	−42	2	9.6 ✓
42	−41°	4523	8	44.0	−41	55.8	8.0 ✓
43	−41°	4515	8	43.6	−41	49	9.0 ✓
44	−41°	4510	8	43.3	−41°	49	7.5 ✓
45	−41°	4516	8	43.6	−42	0	6.9 ✓
46	−42°	4656	8	44.1	−42	10	9.8 ✓
47	−42°	4641 (37)	8	43.5 (4)	−42	8	9.3 (2)
48	−42°	4637 (6)	8	43.4	−42	5	9.1
49	−42°	4636 (29)	8	43.1	−42	6	9.1 (8)
50	−42°	4628	8	43.1	−42	2	8.4 ✓
51	−41°	4502	8	42.9	−41	58	7.3 ✓
52	−41°	4498	8	42.8	−41	56	9.0 ✓
53	−42°	4621	8	42.8	−41 (2)	8	8.8 ✓
54	−42°	4624	8	43.0	−42	18	8.6 ✓

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1913phae.proj.2155C

Saturday September 27, 1913

B 19156 short

	Ms.	Int.	class	Remarks
✓	55	3	Bg	
✓	56	3	Bg	
✓	57	7	Bg	
✓	58	5	A0	
✓	59	3	B8	
✓	60	2	K5	
✓	61	2	A0	
✓	62	3	Bg	
✓	63	6	B5	
✓	64	3	Bg	
✓	65	1	F8	
✓	66	5	A0	
✓	67	2	F0	
✓	68	2	A0	
✓	69	1	A3	
✓	70	1	A0	
✓	71	3	A0	
✓	72	1	A0	
✓	73	2	A0	
✓	74	3	A0	Lines broad.
✓	75	5	G5	
✓	76	1	A0	
✓	77	1	A0	
✓	78	3	A0	
✓	79	2	A0	
✓	80	3	K2	
✓	81	5	A0	

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1913phae..proj.2155C

55	−42°	4611	8	42.1	−42	20	9.3 ✓
56	−42°	4605	8	41.8	−42	18	9.2 ✓
57	−42°	4610	8	42.1	−42	6	7.5 ✓
58	−41°	4476	8	41.4	−41	53	8.0 ✓
59	−41°	4479	8	41.8	−41	35	8.0 ✓
60	−41°	4460	8	40.7	−41	26	7.6 ✓
61	−41°	4466	8	41.0	−41	3	9.0 ✓
62	−40°	4582	8	40.6	−40	59	8.7 ✓
63	−40°	4569	8	40.1	−40	50	7.3 ✓
64	−41°	4455	8	40.5	−41	4	9.1 ✓
65	−40°	4575	8	40.3	−40	57	9.0 ✓
66	−41°	4443	8	40.0	−41	16	8.0 ✓
67	−41°	4439	8	39.8	−41	6	8.5 ✓
68	−40°	4555	8	39.3	−40	48	9.3 ✓
69	−41°	4432	8	39.1	−41	11	8.8 ✓
70	−41°	4426	8	39.0	−41	5	9.3 ✓
71	−41°	4421	8	38.7	−41	25	9.0 ✓
72	−41°	4428	8	39.0	−41	20	9.0
73	−41°	4438	8	39.8	−41	29	9.0 ✓
74	−41°	4404	8	37.5	−41	23	8.7 ✓
75	−42°	4577	8	40.3	−42	10	7.8 ✓
76	−41°	4471	8	41.2	−41	57	9.1 ✓
77	−41°	4453	8	40.4	−41	51	9.3 ✓
78	−41°	4445	8	40.1	−41	51	8.5 ✓
79	−41°	4446	8	40.1	−41	59	9.1 ✓
80	−42°	4528	8	37.7	−42	29	8.5 ✓
81	−42°	4525	8	37.6	−42	9	9.0 ✓

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1913phae.proj.2155C

Saturday Sept. 27, 1913

B 1906 shot.

No.	Dur.	Class	Remarks
✓ 82	3	A0	
✓ 83	2	G5	
✓ 84	3	K5	
✓ 85	3	K?	Nearly all superposed on 86
✓ 86	7	A2	
✓ 87	4	Bq	
✓ 88	4	Bq	
✓ 89	2	A0	
✓ 90	1	F	
✓ 91	1	K	
✓ 92	2	Bq	
✓ 93	6	Bq	
✓ 94	3	F0	
✓ 95	2	A2	
✓ 96	1	G0	
✓ 97	2	F5	
✓ 98	6	B2	
✓ 99	7	Bq	
✓ 100	1	A0	
✓ 101	2	A5	
✓ 102	2	A3	
✓ 103	3	K0	
✓ 104	6	B8	
✓ 105	3	A2	
✓ 106	6	B8	
✓ 107	4	K0	
✓ 108	2	K2	

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1913phae..proj.2155C

82	−41°	4403	8	37.5	−41	58	9.0 ✓
83	−42°	4517	8	37.1	−42	9	9.0 ✓
84	−41°	4380	8	36.3	−41	53	7.5 ✓
85	−41°	4370	8	35.9	−41	54	7.7 ✓
86	−41°	4371	8	35.9	−41	57	7.3 ✓
87	−42°	4487	8	35.2	−42	3	8.5 ✓
88	−42°	4469	8	34.2	−42	0	8.5 ✓
89	−41°	4716	8	56.5	−41	52	9.0 ✓
90	−41°	4698	8	55.4	−41	54	8.9 ✓
91	−41°	4692	8	55.0	−41	45	8.7 ✓
92	−42°	4853	8	54.8	−42	7	9.5 ✓
93	−42°	4822	8	53.3	−42	3	8.3 ✓
94	−41°	4657	8	52.4	−41	40	8.3 ✓
95	−41°	4656	8	52.2	−41	47	8.8 ✓
96	−41°	4652	8	51.7	−41	40	8.7 ✓
97	−41°	4636	8	50.8	−41	48	9.0 ✓
98	−42°	4762	8	49.5	−42	1	7.4 ✓
99	−41°	4616	8	49.4	−41	20	7.4 ✓
100	−42°	4747	8	48.2	−42	1	9.6 ✓
101	−42°	4741	8	48.0	−42	17	9.4 ✓
102	−42°	4709	8	46.3	−42	12	9.4 ✓
103	−42°	4691	8	45.6	−42	6	8.6 ✓
104	−42°	4684	8	45.2	−42	22	8.0 ✓
105	−42°	4677	8	45.0	−42	33	9.2 ✓
106	−42°	4676 ~~4746~~	8	44.9	−42	55	7.5 ✓
107	−42°	4638	8	43.5	−42	54	7.6 ✓
108	−43°	4670	8	44.8	−43	27	8.6 ✓

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Saturday Sept. 27, 1913

B 19156 short.

No.	Int.	Class	Remark
✓ 109	7	B5	- - -
✓ 110	3	A0	
✓ 111	2	A3	
✓ 112	3	B3	
✓ 113	5	B5	
✓ 114	4	A2	
✓ 115	1	K0	
✓ 116	5	B9	
✓ 117	1	A0	
✓ 118	2	K2	
✓ 119	3	B8	
✓ 120	3	A0	
✓ 121	2	B8	
✓ 122	1	A2	
✓ 123	4	K5	
✓ 124	3	A5	
✓ 125	1	K2	
✓ 126	1	F8	
✓ 127	6	A0	
✓ 128	7	A0	
✓ 129	5	B3	
✓ 130	3	K5	
✓ 131	1	K5	
✓ 132	7	A0	
✓ 133	4	B9	
✓ 134	4	K0	
✓ 135	8	A0	

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1913phae.proj.2155C

109	−43°	4668	8	44.6	−43	18	7.7 ✓
110	−43°	4658	8	43.7	−43	29	9.3 ✓
111	−43°	4649	8	43.4	−43	46	9.3 ✓
112	−43°	4643	8	43.0	−43	36	9.1 ✓
113	−43°	4635	8	42.6	−43	37	8.3 ✓
114	−43°	4618 (24)	8	42.4 (2)	−43	31	9.0 ✓
115	−43°	4627	8	42.3	−43	24	9.1 ✓
116	−43°	4615	8	41.7	−43	18	8.2 ✓
117	−43°	4617	8	41.7	−43	0	9.5 ✓
118	−42°	4591	8	41.2	−42	52	8.4 ✓
119	−42°	4824	8	53.4	−42	40	9.4 ✓
120	−43°	4797	8	53.2	−43	4	9.1 ✓
121	−42°	4802	8	52.1	−42	43	9.4 ✓
122	−43°	4789	8	52.6	−43	9	9.7 ✓
123	−43°	4785	8	52.3	−43	11	8.1 ✓
124	−43°	4782	8	52.2	−43	27	9.2 ✓
125	−43°	4787	8	52.5	−43	40	9.3 ✓
126	−43°	4773	8	51.6	−43	12	9.5 ✓
127	−43°	4764	8	50.9	−43	19	8.6 ✓
128	−43°	4762	8	50.6	−43	21	8.4 ✓
129	−42°	4780	8	50.7	−42 (3)	0	8.1 ✓
130	−43°	4751	8	49.7	−43	2	7.5 ✓
131	−42°	4766	8	49.6	−42	57	8.3 ✓
132	−43°	4740	8	49.1	−43	4	8.3 ✓
133	−43°	4732	8	48.9	−43	17	9.3 ✓
134	−43°	4726	8	48.4	−43	17	8.4 ✓
135	−43°	4735	8	49.0	−43	52	8.1 ✓

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1913phae.proj.2155C

Saturday Sept. 27. 1913

B 19156 short.

No.	Int.	Class	Remark
✓ 136	5	A0	Another star superposed?
✓ 137	3	A0	
138	1	B?	Almost Cont.
✓ 139	4	A0	
✓ 140	9	B3	
✓ 141	2	A0	
✓ 142	3	B0	
✓ 143	2	Ma	
✓ 144	1	A0	
✓ 145	4	A2	
✓ 146	3	K5	
✓ 147	1	A0	
✓ 148	2	B9	
✓ 149	1	B9	
✓ 150	4	K5	
✓ 151	2	F0	
✓ 152	3	G5	
✓ 153	2	K5	
✓ 154	3	B9	
✓ 155	3	A0	
✓ 156	5	A3	
✓ 157	5	A3	
✓ 158	4	A3	Another star superposed on f[illegible] side.
✓ 159	2	G5	
✓ 160	2	A3	
✓ 161	4	B9	
✓ 162	3	A0	

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1913phae.proj.2155c

136	−43°	4727	8	48.5	−43	49	9.0 ✓
137	−43°	4718	8	47.9	−43	42	9.3 ✓
138	−43°	4716	8	47.6	−43	33	9.1 ✓
139	−43°	4707	8	47.2	−43	35	9.2 ✓
140	−43°	4711	8	47.4	−43	41	6.9 ✓
141	−43°	4709	8	47.3	−43	16	9.5 ✓
142	−43°	4691	8	46.5	−43	17	7.6 ✓
143	−42°	4728	8	47.1	−42	56	8.1 ✓
144	−42°	4711	8	46.4	−42	35	9.7 ✓
145	−42°	4708	8	46.2	−42	42	9.7 ✓
146	−42°	4701	8	46.0	−42	51	8.2 ✓
147	−43°	4680	8	45.6	−43	3	9.7 ✓
148	−43°	4700	8	46.9	−43	57	9.4 ✓
149	−43°	4693	8	46.6	−43	57	9.5 ✓
150	−44°	4875	8	46.0	−44	15	8.1 ✓
151	−44°	4862	8	45.5	−44	25	9.4 ✓
152	−43°	4861	8	57.0	−43	46	8.8 ✓
153	−43°	4835	8	55.6	−43	56	8.1 ✓
154	−44°	5015	8	55.4	−44	9	9.4 ✓
155	−44°	5072	8	58.7	−44	53	9.4 ✓
156	−45°	4774	8	56.5	−45	8	8.3 ✓
157	−45°	4772	8	56.4	−45	24	8.4 ✓
158	−46°	4823	8	56.1	−46	14	8.9 ✓
159	−45°	4742	8	53.9	−45	43	8.7 ✓
160	−46°	4726	8	52.9	−46	4	9.3 ✓
161	−44°	4963	8	51.9	−44	55	8.8 ✓
162	−44°	4991	8	53.6	−44	23	9.5 ✓

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Saturday Sept. 27, 1913

B 1956 shot.

No.	Dur.	class	Remarks
✓ 163	3	A0	
✓ 164	5	B9	
✓ 165	4	K0	
✓ 166	3	B9	
✓ 167	20	A0	
✓ 168	1	A0	Partly superposed on 167
✓ 169	6	A0	
✓ 170	3	A2	
✓ 171	20	K0	
✓ 172	20	K0	
✓ 173	3	A2	
✓ 174	2	K5	
10.55 ✓ 175	3	A2	
~~176~~			
~~177~~			
~~178~~			

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1913phae.proj.2155c

163	−45°	4698	8	51.1	−45	12	9.1 ✓
164	−44°	4939	8	50.1	−44	59	8.1 ✓
165	−44°	4933	8	49.6	−44	54	8.0 ✓
166	−44°	4931	8	49.2	−44	49	9.4 ✓
167	−44°	4923	8	48.7	−44	54	9.5 ✓
168	−44°	4920	8	48.5	−44	58	9.3 ✓
169	−45°	4641	8	47.1	−45	9	7.8 ✓
170	−44°	4873	8	45.8	−44	52	9.3 ✓
171	−44°	4785	8	41.2	−44	32	9.0 ✓
172	−44°	4748	8	39.7	−44	11	9.1 ✓
173	−43°	4571	8	38.6	−43	31	9.0 ✓
174	−43°	4566	8	38.0	−43	13	8.3 ✓
175	−42°	4550	8	38.7	−42	52	8.8 ✓

Identified on cards by Anne. May 27. 1914
Identified in book by J. H. M. June 2, 1914
Identification compared cards & book by G. R. B.

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1913phae.proj.2155C

Saturday Sept. 27, 1913

B 13073 short.

	No.	Dist.	Class	Remark
11.00	1	2	Ao	
	2	1	Ao	
	3	1	K5	
	4	1	A	
	5	1	A	
	6	1	A	
	7	1	Bq	
	8	1	A	
	9	2	Bq	
	10	1	K5	
	11	2	F0	
	12	3	A2	
	13	3	K2	
	14	2	Ao	
	15	4	Bq	
	16	1	Ao	
	17	4	Bq	
	18	4	K2	Partly superposed on 17
	19	5	Bq	
	20	3	Ko	
	21	1	A	
	22	2	A	
	23	4	Ao	
	24	3	K5	
	25	4	F0	
	26	2	Ao	
	27	3	Ko	

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1913phae.proj.21550

1	−35°	4474	8	14.5	−35	31.0	9.3 ✓
2	−35°	4517	8	16.9	−35	25.6	9.2 ✓
3	−35°	4516	8	16.8	−35	34.6	8.8 ✓
4	−35°	4521	8	17.1	−35	41.2	9.3 ✓
5	−35°	4523	8	17.2	−35	56.0	9.6 ✓
6	−35°	4525	8	17.3	−35	59.0	9.9 ✓
7	−36°	4538	8	17.6	−36	1.0	9.6 ✓
8	−36°	4592	8	20.0	−36	26.4	9.6 ✓
9	−36°	4597	8	20.1	−36	37.4	9.3 ✓
10	−36°	4613	8	20.7	−36	27.4	8.6 ✓
11	−36°	4632	8	21.6	−36	4.1	8.9 ✓
12	−35°	4630	8	21.9	−35	6.9	8.7 ✓
13	−34°	4848	8	23.5	−34	45.6	7.4 ✓
14	−34°	4871	8	24.2	−34	29.6	9.0 ✓
15	−35°	4690	8	25.1	−35	7.4	8.3 ✓
16	−36°	4699	8	25.3	−36	23.4	9.5 ✓
17	−36°	4713	8	25.6	−36	18.5	9.0 ✓
18	−36°	4715	8	25.7	−36	18.5	7.0 ✓
19	−36°	4718	8	25.8	−36	9.3	8.1 ✓
20	−36°	4731	8	26.7	−36	16.5	7.8 ✓
21	−36°	4704	8	25.5	−36	54.7	9.0 ✓
22	−37°	4772	8	25.1	−37	7.4	9.0 ✓
23	−37°	4801	8	26.5	−37	8.7	8.0 ✓
24	−37°	4837	8	28.0	−37	2.9	8.0 ✓
25	−37°	4826	8	27.6	−37	29.7	8.3 ✓
26	−37°	4843	8	28.2	−37	19.7	9.0 ✓
27	−37°	4842	8	28.2	−37	45.2	8.0 ✓

cards made out

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1913phae.proj.2155C

Saturday Sept. 27, 1913

B 13073 short

No.	Dur.	Class	Remark.
28	2	K5	
29	3	F5	
30	4	F8	
31	1	A0	
32	1	A	
33	4	A0	
34	2	Bq	
35	5	Bq	
36	2	A0	
37	1	K5	
38	1	K5	
39	4	K5	
40	2	F	
41	3	B8	
42	2	Bq	
43	2	A0	
44	3	Bq	
45	1	K5	
46	5	K2	
47	2	K5	
48	3	Bq	
49	2	Bq	
50	10	G0	
51	2	B8	
52	2	A0	
53	1	B8	
54	2	Bq	

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28	-37°	4854	8	28.9	-37	46.2	7.9 ✓
29	-37°	4862	8	29.3	-37	46.1	8.9 ✓
30	-37°	4867	8	29.6	-37	55.1	8.5 ✓
31	-37°	4861	8	29.2	-37	58.1	9.4 ✓
32	-38°	4607	8	28.7	-38	18.1	9.1 ✓
33	-38°	4619	8	29.4	-38	27.0	8.5 ✓
34	-38°	4638	8	30.5	-38	14.6	9.0 ✓
35	-37°	4906	8	31.2	-37	52.2	8.5 ✓
36	-37°	4921	8	32.2	-37	33.2	8.5 ✓
37	-37°	4927	8	32.4	-37	28.9	8.4 ✓
38	-37°	4934	8	32.8	-37	15.9	8.0 ✓
39	-37°	4964	8	34.5	-37	2.2	7.3 ✓
40	-38°	4658	8	31.8	-38	19.6	9.0 ✓
41	-38°	4684	8	33.4	-38	19.6	8.5 ✓
42	-39°	4460	8	27.9	-39	4.3	9.0 ✓
43	-39°	4464	8	28.0	-39	20.1	8.7 ✓
44	-38°	4608	8	28.9	-38	50.6	8.8 ✓
45	-38°	4639	8	30.6	-38	49.6	7.8 ✓
46	-39°	4502	8	29.6	-39	17.4	7.3 ✓
47	-39°	4520	8	30.7	-39	15.0	8.2 ✓
48	-39°	4535	8	31.3	-39	14.3	9.3 ✓
49	-39°	4501	8	29.5	-39	34.1	9.0 ✓
50	-39°	4519	8	30.6	-39	32.1	7.1 ✓
51	-39°	4544	8	31.6	-39	47.9	9.0 ✓
52	-39°	4548	8	31.7	-39	29.1	9.0 ✓
53	-39°	4573	8	32.7	-39	15.7	9.2 ✓
54	-39°	4606	8	33.6	-39	18.8	9.5 ✓

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1913phae.proj.2155C

Saturday Sept. 27, 1913

B 13073 shot.

No.	Dur.	class	Remark
55	2	B8	
56	7	K0	
57	1	B9	
58	5	B5	
59	2	K0	
60	2	F5	
61	1	K0	
62	5	A0	
63	3	B9	
64	7	B3	
65	2	A0	
66	4	A2	
67	6	A0	
68	2	A0	
69	2	K2	
70	3	ma	
71	2	a	Partly superposed on 70
72	6	F5	
73	1	A0	
74	2	K5	
75	1	B9	
76	1	K5	Nearly all superposed on a bright star
77	4	B9	
78	6	K2	
79	6	K5	
80	9	A0	
81	7	K2	

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1913phae.proj.2155c

55	−39°	4605	8	33.6	−39	25.5	8.7 ✓
56	−39°	4574	8	32.8	−39	42.8	7.1 ✓
57	−39°	4595	8	33.3	−39	37.1	9.0 ✓
58	−39°	4603	8	33.6	−39	39.1	7.7 ✓
59	−39°	4624	8	34.2	−39	37.8	7.7 ✓
60	−39°	4638	8	34.9	−39	20.9	9.0 ✓
61	−39°	4645	8	35.3	−39	19.3	8.5 ✓
62	−39°	4650	8	35.5	−39	37.6	8.5 ✓
63	−39°	4641	8	35.1	−39	48.4	8.5 ✓
64	−39°	4631	8	34.6	−39	58.5	8.1 ✓
65	−40°	4463	8	33.4	−40	8.0	9.3 ✓
66	−40°	4460	8	33.2	−40	24.4	8.3 ✓
67	−40°	4453	8	32.8	−40	15.3	7.3 ✓
68	−40°	4451	8	32.5	−40	20.1	8.8 ✓
69	−39°	4596	8	33.3	−39	56.1	8.0 ✓
70	−40°	4455	8	33.1	−40	0.0	7.3 ✓
71	−39°	4583	8	33.0	−39	55.8	9.4 ✓
72	−40°	4433	8	31.2	−40	26.4	7.5 ✓
73	−40°	4416	8	30.6	−40	5.5	8.9 ✓
74	−39°	4465	8	28.0	−39	47.9	8.0 ✓
75	−39°	4431	8	26.5	−39	48.2	9.0 ✓
76	−40°	4330	8	26.1	−40	5.1	7.3 ✓
77	−40°	4408	8	30.2	−40	48.4	8.5 ✓
78	−41°	4262	8	29.6	−41	14.7	7.1 ✓
79	−41°	4250	8	29.0	−41	11.0	7.2 ✓
80	−41°	4232	8	27.8	−41	24.7	7.3 ✓
81	−41°	4208	8	26.3	−41	6.0	7.2 ✓

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1913phae.proj.2155C

Saturday Sept. 27, 1913

B13073 short.

No.	Dur.	Class	Remark
82	-2	Bq	
83	4	Bq	
84	3	Bq	
85	7	A0	
86	6	A0	
87	1	K2	
88	3	K2	
89	5	A0	
90	7	Bq	
91	3	A0	Partly superposed on 90
92	3	A2	
93	1	A0	
94	2	Bq	
95	5	Bq	
96	3	A0	
97	2	B8	
98	3	A0	
99	5	Bq	
11.12 Q	100	5	B8	Partly superposed on a bright star.
	TOT		
	101	3	B3	
	102	1	A	Partly sup. on 101

Cont. Bl. 135.72

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1913phae.proj.2155c

82	−40°	4341	8	26.8	−40	32.9	9.0 ✓
83	−41°	4189	8	25.2	−41	6.4	8.0 ✓
84	−41°	4175	8	24.4	−41	7.4	8.5 ✓
85	−40°	4285	8	24.2	−40	45.3	7.7 ✓
86	−40°	4277	8	23.6	−40	50.0	7.5 ✓
87	−40°	4261	8	22.7	−40	39.7	8.5 ✓
88	−40°	4240	8	21.7	−40	22.7	7.7 ✓
89	−40°	4230	8	21.1	−40	33.8	8.4 ✓
90	−40°	4248	8	22.0	−40	46.7	7.7 ✓
91	−40°	4245	8	21.9	−40	49.4	8.9 ✓
92	−41°	4145	8	22.9	−41	19.4	8.3 ✓
93	−39°	4335	8	21.9	−39	58.8	9.0 ✓
94	−39°	4334	8	21.9	−39	44.3	9.4 ✓
95	−39°	4327	8	21.4	−39	28.9	8.5 ✓
96	−39°	4314	8	20.9	−39	27.6	8.4 ✓
97	−39°	4315	8	21.0	−39	43.4	9.2 ✓
98	−39°	~~4333~~ 4310	8	20.6	−39	46.1	8.7 ✓
99	−39°	4343	8	22.3	−39	0.0	8.0 ✓
100	−38°	~~4467~~ 4463	8	21.~~5~~ 7	−38	~~29.8~~ 31.8	~~8.8~~ 9.2 ✓

Identified by J C M Nov. 3, 1913.
Checked by A.W.C. Nov. 11, 1913
Cards made out by S.R.B.
Cards checked by AWC

101	−36°	H649	8	22.5	−36	14	8.8 17H on 13054
102	−36°	H646	8	22.3	−36	15	9.0

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1913plate.proj.2155c

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1913phae.proj.2155C

Wednesday Oct 1, 1913

Cont. from page 144 B 18259 clouds

No.	Qual.	class	Remark
352	3	A0	
353	3	F0	
354	4	B8	
355	2	K5	
356	3	A0	
357	6	B9	
358	3	K5	
359	7	F5	
360	1	A0	
361	1	A5	
362	2	F0	
363	8	A0	
364	3	A0	
365	8	K2	
366	1	K5	
367	1	K0	(the pree of two.)
368	2	K2	
369	1	B8	
370	3	B8	another plate superposed as North-
371	3	K0	(the n. f. of two)
372	8	K0	
373	1	K0	
374	6	B9	
375	7	B8	
376	1	A	
377	2	A0	
378	2	K0	

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1913phae.proj.2155c

352	−40°	3878	8	3.5	−40	5.0	9.3 ✓
353	−39°	4043	8	4.7	−39	55.6	9.3 ✓
354	−40°	3894	8	4.6	−40	11.0	9.3 ✓
355	−39°	4048	8	5.2	−39	54.9	8.7 ✓
356	−39°	4050	8	5.3	−39	50.4	9.1 ✓
357	−39°	4057	8	5.6	−39	53.4	9.0 ✓
358	−39°	4058	8	5.6	−39	26.1	8.3 ✓
359	−39°	4064	8	6.1	−39	17.5	8.0 ✓
360	−40°	3922	8	6.0	−40	18.2	9.6 ✓
361	−40°	3903	8	5.1	−40	23.9	9.6 ✓
362	−40°	3908	8	5.5	−40	43.2	9.6 ✓
363	−40°	3915	8	5.7	−40	47.5	8.4 ✓
364	−40°	3918	8	5.8	−40	38.9	9.1 ✓
365	−40°	3938	8	6.8	−40	23.2	7.0 ✓
366	−40°	3926	8	6.1	−40	26.9	9.5 ✓
367	−40°	3921	8	6.0	−40	38.9	9.7 ✓
368	−41°	3846	8	6.6	−41	2.1	9.0 ✓
369	−41°	3818	8	5.1	−41	13.4	9.7 ✓
370	−41°	3845	8	6.6	−41	34.5	9.4 ✓ 9.6 −41° 3843 superposed
371	−41°	3856	8	7.1	−41	32.2	9.2 ✓
372	−41°	3867	8	7.6	−41	25.2	7.0 ✓
373	−41°	3864	8	7.4	−41	49.0	9.2 ✓
374	−41°	3879	8	8.5	−41	32.2	8.8 ✓
375	−41°	3881	8	8.7	−41	26.5	8.5 ✓
376	−41°	3883	8	8.8	−41	25.5	9.6 ✓
377	−41°	3892	8	9.1	−41	19.5	9.8 ✓
378	−41°	3861	8	7.3	−41	1.6	9.2 ✓

Cards made out

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1913phae.proj.2155C

Wednesday Oct. 1, 1913

B 1828 9 shut.

No.	Int.	Class	Remark
379	1	Ao	
380	3	G5	
381	1	Ko	
382	2	A3	
383	6	Ao	
384	6	Ma	
385	4	Ko	
386	7	B9	
387	5	A5	
388	7	F5	
389	3	F0	
390	2	Pec	all bright lines. See card for description
391	4	A2	
392	5	B9	
393	5	B9	
394	5	K2	
395	7	G5	
396	2	Ko	
397	5	Ao	
398	2	Ko	
399	3	Ko	
400	2	A2	
401	4	F2	
402	2	K5	
403	3	A2	
404	2	F0	
405	1	Ao	

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1913phae.proj.21556

379	−40°	3957 (66)	8	7.8 (8.0)	−40	59.6 (55.0)	9.8 (7)	1 ✓
380	−41°	3874	8	8.1	−41	0.0	9.4	✓
381	−40°	3979	8	8.4	−40	52.0	9.3	✓
382	−40°	3988	8	8.8	−40	56.0	9.6	✓
383	−40°	3993	8	9.0	−40	52.6	9.3	✓
384	−41°	3888	8	9.0	−41	2.1	8.5	✓
385	−41°	3895	8	9.4	−41	12.4	8.7	✓
386	−41°	3896	8	9.5	−41	4.9	8.6	✓
387	−40°	4002	8	9.5	−40	55.0	9.3	✓
388	−41°	3904	8	9.7	−41	13.4	8.2	✓
389	−41°	3909	8	9.8	−41	17.2	9.6	✓
390	−41°	3911	8	9.9	−41	19.5	10	[Resembles γ Carinae ?]
391	−41°	3920	8	10.5	−41	27.2	9.5	✓
392	−41°	3932	8	11.1	−41	10.3	9.0	✓
393	−41°	3937	8	11.6	−41	18.5	9.2	✓
394	−41°	3944	8	12.1	−41	29.5	8.3	✓
395	−40°	4026	8	10.5	−40	36.8	8.0	✓
396	−40°	4007	8	9.9	−40	44.8	9.1	✓
397	−40°	3996	8	9.3	−40	18.8	9.2	✓
Trail of	−39°	4128	8	9.6	−39	58.4	4.8	∧ ✓
399	−39°	4115	8	8.7	−39	54.2	8.9	✓
400	−39°	4107	8	8.3	−39	46.4	9.3	✓
401	−39°	4098	8	7.8	−39	55.4	8.7	✓
402	−40°	3951	8	7.6	−40	6.5	8.5	✓
403	−40°	3947	8	7.2	−40	16.5	9.5	✓
404	−40°	3944	8	7.1	−40	14.3	9.7	✓
405	−40°	3953	8	7.7	−40	14.9	9.8	✓

cards made out.

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1913phae.proj.2155C

Wednesday Oct 1, 1913

B 18289 shot.

No.	Exs.	class	Remark
406	7	K_0	
407	4	A_0	
408	4	A_3	Partly superposed on 407
409	4	F_0	
410	1	F_0	
411	2	K_0	
412	2	A_5	
413	2	K_0	
414	5	B_9	
415	3	K_2	
416	2	F_5	
417	2	K_5	
418	6	A_0	
419	1	G_5	
420	3	K_0	
421	2	A_0	
422	5	A_0	
423	2	B_8	Partly superposed on 424
424	2	A_2	
425	1	K_2	
426	5	B_9	
427	3	G_5	
428	1	G	
429	3	K_0	
430	7	B	
431	5	A_0	
432	2	A_0	

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1913phae.proj.2155c

406	−40°	3959	8	7.9	−40	8.5	8.3	✓
407	−40°	3972	8	8.3	−40	6.9	9.5	✓
408	−40°	3975	8	8.3	−40	4.4	9.0	✓
409	−40°	3973	8	8.3	−40	17.9	9.0	✓
410	−40°	3970	8	8.2	−40	17.9	10	✓
411	−40°	3981	8	8.5	−40	9.2	9.1	✓
412	−39°	4110	8	8.5	−39	59.4	9.3	✓
413	−40°	4003	8	9.7	−40	22.5	9.3	✓
414	−40°	4029	8	10.7	−40	3.4	8.9	✓
415	−39°	4154	8	11.1	−39	53.3	8.5	✓
416	−40°	4057	8	12.3	−40	42.2	9.3	✓
417	−40°	4069	8	13.1	−40	30.3	8.7	✓
418	−40°	4068	8	13.1	−40	36.8	8.7	✓
419	−40°	4073	8	13.3	−40	47.5	9.3	✓
420	−40°	4078	8	13.8	−40	52.2	8.5	✓
421	−41°	3964	8	13.7	−41	3.0	9.5	✓
422	−41°	3957	8	13.3	−41	19.5	9.0	✓
423	−41°	3950	8	12.5	−41	29.8	9.3	✓
424	−41°	3949	8	12.5	−41	28.8	9.8	✓
425	−41°	3947	8	12.3	−41	44.3	9.1	✓
426	−41°	3945	8	12.2	−41	52.2	9.0	✓
427	−42°	4053	8	11.2	−42	3.0	9.1	✓
428	−42°	4049	8	11.1	−42	4.4	9.6	✓
429	−41°	3921	8	10.5	−41	50.3	9.1	✓
430	−41°	3922	8	10.5	−41	39.3	8.2	✓
431	−41°	3918	8	10.4	−41	47.3	9.3	✓
432	−42°	4034	8	10.3	−42	19.0	9.8	✓

Offens able. on B 33066 Only one star in cat. 9m ~~GOS~~ there are 2 of which −40° 2263 is the star with −40° 2262 superposed. The former has mags. 9.6, the latter 9.8.

cards made onto.

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1913phae.proj.2155C

Wednesday Oct. 1, 1913

B 18289 shot.

	No.	Dis.	class	Remark
	433	1	A0	
	434	2	G5	
	435	1	G5	
	436	1	K0	
	437	4	B8	
	438	2	A0	
	439	3	K2	
	440	3	A0	
	441	1	A0	
	442	1	A0	
	443	1	K0	
	444	1	B9	
	445	2	G5	
	446	2	A0	
	447	1	K	
	448	3	B8	
	449	2	A0	
12.10	450	7	K0	
	451	3	B8	
	452	3	A2	

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1913phae.proj.2155c

433	−42°	4028	8	10.0	−42	5.4	9.8	✓
434	−42°	4026	8	9.9	−42	13.0	9.2	✓
435	−41°	3959	8	13.5	−41	25.2	9.3	✓
436	−41°	3960	8	13.5	−41	32.5	8.6	✓
437	−41°	3965	8	13.7	−41	43.3	8.7	✓
438	−41°	3967	8	13.8	−41	45.3	9.3	✓
439	−41°	3974	8	14.4	−41	26.5	8.8	✓
440	−41°	3978	8	14.5	−41	28.8	9.5	✓
441	−41°	3954	8	13.1	−41	53.7	9.7	✓
442	−41°	3961	8	13.6	−41	53.7	9.4	✓
443	−41°	3962	8	13.6	−41	45.0	9.3	✓
444	−41°	3969	8	14.0	−41	55.2	9.6	✓
445	−42°	4099	8	13.8	−42	17.0	9.9	✓
446	−42°	4104	8	14.2	−42	21.3	9.9	✓
447	−42°	4098	8	13.7	−42	53.4	9.8	✓
448	−43°	4145	8	13.6	−43	9.6	9.5	✓
449	−41°	3997	8	15.6	−41	59.2	9.7	✓
450	−41°	4007	8	15.9	−41	40.0	7.4	✓

Identified by J C. M. Nov. 19, 1913
Checked by AMC.
Stars marked thus: ✓ were checked by LWW Dec. 9th 1913
Cards made out by G.R.B.
Cards checked by AMC.

✓ 451	−39	4162	8	11.8	−39	28	8.5	162 m B2 K74
452	−39	4166	8	11.9	−39	29	8.7	✓

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Monday Oct. 6, 1913

Cont from page 84 B 18436

Research

No.	Dist.	class
271	3	A5
272	6	A0
273	7	K0
274	7	G5
275	2	F5
276	3	mb
277	8	F8
278	2	F5
279	3	A0
280	1	A0
281	3	F8
282	2	K2
283	3	K2
284	1	K2
285	1	A0
286	3	A0
287	1	B8
288	7	F8
289	3	G0
290	8	A
291	6	F
292	3	Ma
293	2	F8
294	1	K0
295	2	K0
296	2	A0
297	1	A0

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1913phae.proj.2155C

271	-34°	5878	9	21.4	-34	1.7	8.7	✓
272	-33°	6080	9	22.0	-33	35.1	8.3	✓
273	-33°	6077	9	22.0	-33	14.7	7.1	✓
274	-33°	6070	9	21.4	-33	21.6	7.1	✓
275	-33°	6066	9	21.0	-33	30.1	9.3	✓
276	-33°	6109	9	24.0	-33	7.3	7.7	✓
277	-33°	6113	9	24.2	-33	29.1	7.8	✓
278	-34°	5913	9	23.6	-34	1.2	9.3	✓
279	~~-33~~ -34°	~~6111~~ 5920	9	24.2	~~-33~~ -34	~~54.9~~ 3.2	9.0	✓
280	-34°	5923	9	24.6	-34	21.2	9.5	✓
281	-34°	6035	9	32.3	-34	23.5	8.5	✓
282	-34°	6039	9	32.8	-34	30.8	8.6	✓
283	-34°	6043	9	33.0	-34	52.1	8.0	✓
284	~~-34~~ -35°	5855	9	34.6	~~-34~~ -35	31.2	8.8	✓
285	~~-34~~ -35°	5854	9	34.5	~~-34~~ -35	42.2	9.4	✓
286	-36°	5852	9	34.4	-36	3.4	8.9	✓
287	-36°	5851	9	34.4	-36	6.9	9.4	✓
288	-36°	5863	9	35.5	-36	35.8	7.3	✓
289	-36°	5878	9	36.0	-36	19.2	8.3	✓
290	-36°	5886	9	36.8	-36	30.4	7.8	✓
291	-36°	5887	9	37.0	-36	49.9	8.0	✓
292	-36°	5896	9	37.8	-36	23.8	7.6	✓
293	-37°	5954	9	34.6	-37	0.4	9.0	✓
294	-37°	5953	9	34.5	-37	9.3	8.~~9~~ 8	✓
295	-37°	5957	9	34.7	-37	8.6	8.3	✓
296	-38°	5768	9	33.9	-38	11.8	9.2	✓
297	-38°	5722	9	31.2	-38	27.2	9.5	✓

Cards made out.

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1913phae.proj.2155C

Monday October 6, 1913

B1846 clear

	No.	Dist.	class	Remark
	298	3	A0	
	299	1	G	Another plate superposed?
	300	1	F8	
	301	1	G0	
	302	1.	K0	
	303	1	G5	
	304	1	G0	
11.13	305	1	G0	
	~~306~~			

306 70 F5

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1913phae.proj.2155C

298	−38°	5742	9	32.5	−38	38.1	8.9
299	−38°	5786	9	34.9	−38	21.1	9.3
300	−38°	5804	9	36.0	−38	17.8	9.2
301	−38°	5688	9	29.1	−38	8.7	9.5
302	−37°	5850	9	26.9	−37	21.0	8.7
303	−37°	5829	9	25.1	−37	23.5	9.3
304	−36°	5821	9	31.9	−36	53.4	9.0
305	−36°	5782	9	29.0	−36	34.8	9.0

Identified by J.C.M. Nov. 13, 1913.
Checked by A.M.C. Nov. 21, 1913
Cards made out by S.R.B.
Cards checked by A.M.C.

306 −3? 5?87 ? 33.6 −3? 3 7.0 113 m B 3 E E 45

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1913phae.proj.2155C

Wednesday October 8, 1913

10.35 B 39922 short

No.	Int.	Class	Remarks
✓ 1	2	G0	
✓ 2	1	K5	
✓ 3	2	A0	
✓ 4	1	K0	
✓ 5	2	F8	
✓ 6	1	G5	
✓ 7	1	G5	
✓ 8	1	F0	
✓ 9	1	K0	
✓ 10	1	K2	
✓ 11	1	K2	
✓ 12	2	G5	
✓ 13	1	A0	
✓ 14	1	A2	
✓ 15	2	A2	
✓ 16	1	K2	
✓ 17	2	G0	
✓ 18	1	A3	
✓ 19	3	G5	
✓ 20	1	K0	
✓ 21	1	K2	
✓ 22	1	K0	
✓ 23	1	K2	
✓ 24	2	A5	
✓ 25	1	A0	
✓ 26	2	A0	
✓ 27	1	F0	

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1913phae.proj.2155c

1	−39°	6039	9	55.2	−39	41	9.2 ✓
2	−39°	6080	9	57.9	−39	51	9.1 ✓
3	−39°	6085	9	58.0	−39	40	9.4 ✓
4	−39°	6090	9	58.3	−39	17	9.7 ✓
5	−38°	6137	9	58.5	−38	58	9.6 ✓
6	−39°	6082	9	58.0	−39	7	9.8 ✓
7	−39°	6075	9	57.6	−39	24	9.3 ✓
8	−39°	6073	9	57.5	−39	34	9.6 ✓
9	−39°	6071	9	57.5	−39	22	9.3 ✓
10	−38°	6151	9	59.5	−38	39	9.5 ✓
11	−39°	6111	9	59.8	−39	23	9.6 ✓
12	−39°	6116	10	0.4	−39	33	9.1 ✓
13	−39°	6130	10	1.3	−39	49	9.7 ✓
14	−38°	6181	10	1.0	−38	36	9.6 ✓
15	−38°	6189	10	1.3	−38	37	9.9 ✓
16	−38°	6195	10	1.7	−38	45	9.3 ✓
17	−38°	6199	10	1.9	−38	27	9.5 ✓
18	−37°	6327	10	3.8	−37	54	9.6 ✓
19	−37°	6328	10	3.8	−37	48	8.8 ✓
20	−38°	6233	10	3.7	−38	~~17~~ 20	~~9.7~~ 5
21	−38°	6238	10	4.5	−38	13	8.7 ✓
22	−38°	6242	10	4.6	−38	27	9.2 ✓
23	−38°	6240	10	4.6	−38	47	9.4 ✓
24	−38°	6245	10	4.9	−38	56	9.6 ✓
25	−38°	6257	10	5.9	−38	56	9.6 ✓
26	−38°	6269	10	6.8	−38	36	9.3 ✓
27	−39°	6196	10	6.4	−39	16	9.7 ✓

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1913phae.proj.2155C

Wednesday October 8, 1913

B 39922 short

No.	Dist.	class	Remark
✓ 28	1	G5	
✓ 29	2	A5	
✓ 30	1	K0	
✓ 31	2	A2	
✓ 32	1	K0	
✓ 33	3	F0	
✓ 34	1	F8	
✓ 35	1	G0	
✓ 36	1	A0	
✓ 37	1	G5	
✓ 38	1	G5	
✓ 39	1	A0	
✓ 40	3	F2	
✓ 41	1	K0	
✓ 42	2	B9	
✓ 43	3	G5	
✓ 44	1	G5	
✓ 45	2	F8	
✓ 46	1	G5	
✓ 47	1	K0	
✓ 48	1	K2	
✓ 49	1	K5	
✓ 50	2	F0	
✓ 51	3	K2	
✓ 52	3	K2	
✓ 53	2	K2	
✓ 54	3	F0	

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1913phae.proj.2155c

28	−39°	6179	10	5.1	−39	33	9.4	✓
29	−39°	6188	10	5.9	−39	55	9.6	✓
30	−39°	6194	10	6.3	−39	59	9.2	✓
31	−39°	6203	10	7.0	−39	25	9.6	✓
32	CPD−39°	4266	10	8.5	−39	11	9.4	✓ Only one star in CDM. for these two in C.P.D. CDM −39° 6223.
33	CPD−39	4268	10	8.5	−39	11	9.4	
34	−39°	6233	10	9.2	−39	44	9.6	✓
35	−40°	5870	10	8.0	~~−39~~ −40°	5	~~8.7~~ 9.7	✓
36	−40°	5873	10	8.2	−40	16	9.7	✓
37	−39°	6243	10	9.6	−39	52	9.4	✓
38	−39°	6242	10	9.6	−39	38	9.6	✓
39	−39°	6234	10	9.3	−39	7	10	✓
40	−38°	6321	10	10.2	−38	52	9.4	✓
41	−39°	6248	10	10.4	−39	0	9.3	✓
42	−39°	6249	10	10.4	−39	15	9.4	✓
43	−38°	6333	10	10.6	−38	53	8.9	✓
44	−38°	6334	10	10.7	−38	23	9.1	✓
45	−37°	6422	10	11.4	−37	27	9.0	✓
46	−37°	6430	10	11.9	−37	40	9.4	✓
47	−37°	6439	10	12.8	−37	58	9.0	✓
48	−37°	6446	10	13.0	−37	50	9.1	✓
49	−37°	6448	10	13.2	−37	47	8.6	✓
50	−38°	6375	10	13.2	−38	14	9.5	✓
51	−38°	6379	10	13.6	−38	44	9.0	✓
52	−38°	6383	10	13.8	−38	36	8.7	✓
53	−38°	6385	10	14.0	−38	30	9.4	✓
54	−38°	6399	10	15.3	−38	16	9.5	✓

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1913phae.proj.2155C

Wednesday. October 8, 1913

√ B 39922 shot.

No.	Int.	Class	Remark
✓ 55	3	F0	
✓ 56	1	F0	
✓ 57	1	G5	
✓ 58	2	A2	
✓ 59	2	K5	
✓ 60	2	G0	
✓ 61	2	A0	
✓ 62	1	F5	
✓ 63	1	K0	
✓ 64	1	F8	
✓ 65	1	K5	
✓ 66	1	K0	
✓ 67	2	K5	
✓ 68	1	G0	
✓ 69	2	F2	
✓ 70	1	K0	
✓ 71	1	K5	
✓ 72	2	F5	
✓ 73	2	A2	
✓ 74	3	F0	
✓ 75	1	K0	
✓ 76	2	A0	[The south-preceding of two]
✓ 77	1	G5	
✓ 78	1	F2	
✓ 79	1	G5	
✓ 80	2	A2	
✓ 81	1	F0	

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1913phae.proj.2155c

55	-38°	6404	10		15.6	-38	15	9.0 ✓
56	-38°	6409	10		16.0	-38	10	9.3 ✓
57	-38°	6411	10		16.1	-38	2	9.1 ✓
58	-38°	6419	10		16.6	-38	31	9.2 ✓
59	-38°	6425	10		17.1	-38	22	8.5 ✓
60	-38°	6427	10		17.2	-38	22	9.5 ✓
61	-38°	6390	10		14.5	-38	52	9.8 ✓
62	-38°	6393	10		14.9	-38	41	9.6 ✓
63	-38°	6405	10		15.7	-38	59	9.0 ✓
64	-39°	6280	10		12.9	-39	11	9.6 ✓
65	-38°	6371	10		13.0	-38	58	9.4 ✓
66	-39°	6255	10		10.8	-39	33	9.5 ✓
67	-40°	5903	10		11.3	-40	1	8.4 ✓
68	-39°	6301	10		14.7	-39	35	9.8 ✓
69	-39°	6306	10		15.1	-39	44	9.4 ✓
70	-39°	6310	10		15.4	-39	46	9.2 ✓
71	-39°	6326	10		16.4	-39	36	9.0 ✓
72	-40°	5975	10		17.0	-40	21	9.3 ✓
73	-40°	5979	10		17.4	-40	11	9.6 ✓
74	-40°	5995	10		18.5	-40	46	8.7 ✓
75	-39°	6357	~~9~~ 10		18.7	-39	56	9.3 ✓
76	-37°	6235	9		56.5	-37	41	9.3 ✓
77	-37°	6250	9		57.9	-37	39	9.0 ✓
78	-37°	6252	9		58.1	-37	31	9.1 ✓
79	-37°	6283	~~9~~ 10		0.2	-37	11	9.1 ✓
80	-37°	6292	10		1.2	-37	37	9.2 ✓
81	-37°	6298	10		1.6	-37	49	9.5 ✓

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1913phae.proj.2155C

Wednesday October 8, 1913

B 39922 short.

No.	Dist.	class	Remark
✓ 82	1	F8	
✓ 83	1	Mb	
✓ 84	1	A0	
✓ 85	1	F5	
✓ 86	1	G5	
✓ 87	1	K0	
✓ 88	2	F2	
✓ 89	2	F0	
✓ 90	1	A0	
✓ 91	1	Ma	
✓ 92	2	A3	
✓ 93	2	A3	
✓ 94	1	K0	
✓ 95	1	F0	
✓ 96	3	A2	
✓ 97	1	K0	~~A0~~
✓ 98	1	K2	
✓ 99	3	F0	
✓ 100	3	A0	
✓ 101	2	K2	
✓ 102	2	A	
✓ 103	1	K5	
✓ 104	1	A0	
✓ 105	4	B5	
✓ 106	1	F5	
✓ 107	1	K5	
✓ 108	2	K5	

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1913phae.proj.2155C

82	−37°	6289	10	0.9	−37	54	9.1 ✓
83	−38°	6179	10	1.0	−38	5	9.1 ✓
84	−38°	6172	10	0.7	−38	19	9.7 ✓
85	−37°	6343	10	4.8	−37	52	9.3 ✓
86	−38°	6248	10	5.2	−38	2	9.4 ✓
87	−37°	6362	10	6.7	−37	51	9.4 ✓
88	−37°	6376	10	7.7	−37	37	9.5 ✓
89	−37°	6378	10	7.8	−37	24	9.2 ✓
90	−38°	6285	10	7.9	−38	9	9.4 ✓
91	−37°	6394	10	8.9	−37	32	9.0 ✓
92	−36°	6213	10	7.9	−36	56	9.3 ✓
93	−36°	6218	10	8.3	−36	49	9.5 ✓
94	−36°	6265	10	11.8	−36	42	9.3 ✓
95	−37°	6424	10	11.5	−37	5	9.3 ✓
96	−37°	6426	10	11.6	−37	2	8.9 ✓
97	−37°	6428	10	11.8	−37	6	9.4 ✓
98	−36°	6273	10	12.7	−36	44	8.7 ✓
99	−35°	6253	10	9.2	−35	45	9.1 ✓
100	−35°	6249	10	8.9	−35	19	9.0 ✓
101	−37°	6152	9	49.3	−37	36	8.8 ✓
102	−37°	6157	9	50.1	−37	24	9.0 ✓
103	−36°	6056	9	53.6	−36	34	9.0 ✓
104	−36°	6064	~~10~~ 9	54.7	−36	27	9.5 ✓
105	−36°	6067	~~10~~ 9	55.0	−36	9	8.0 ✓
106	−36°	6057	9 9	53.8	−36	46	9.3 ✓
107	−36°	6058	~~10~~	53.8	−36	45	8.9 ✓
108	−37°	6192	9	53.2	−37	35	8.7 ✓

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1913phae.proj.2155c

Wednesday October 8, 1913

B 39922 short.

	No.	Sit.	class	Remark
	✓ 109	1	Ao	
	✓ 110	2	Ao	
	✓ 111	1	Mf	
10.55	✓ 112	1	G5	
	113			
	113	1	Ma	
	114	2	A	
	115	1	K5	

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109	−37°	6202	9	53.9	−37	21	9.3	✓
110	−37°	6210	9	54.4	−37	22	9.0	✓
111	−37°	6230	9	56.2	−37	29	8.5	✓
112	−38°	6100	9	55.7	−38	1	9.0	✓

Identified on cards by ANC. June 11, 1914
Identified in book by J C M June 20, 1917
Identification compared cards + book by S.R.B.

✓	113 −36°	6112	9	58.5	−36	40	9.2	checked from III Cat. Fjafe
✓	114 −~~40~~ 41	5581	9	59.9	−41	43	10	✓
✓	115 −41	5582	10	00.0	−41	42	8.7	120 m B1915 7

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1913phae.proj.2155C

Monday October 27, 1913

11.30

I 38140 long

No.	Id.	Class	Remark
✓ 1	4	K0	
✓ 2	7	B9	
✓ 3	7	A2	
✓ 4	2	K2	
✓ 5	8	A3	
✓ 6	3	G5	
✓ 7	2	K2	
✓ 8	3	A0	
✓ 9	2	K0	
✓ 10	2	A0	
✓ 11	1	K2	
✓ 12	3	G0	
✓ 13	2	A0	
✓ 14	2	G5	
✓ 15	1	K2	
✓ 16	5	G0	
✓ 17	4	A0	
✓ 18	3	G5	
✓ 19	2	K0	
✓ 20	2	A0	
✓ 21	2	A0	
✓ 22	6	A2	
✓ 23	3	A0	
✓ 24	3	G5	
✓ 25	4	K0	
✓ 26	4	Ma	
✓ 27	2	K2	

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1913phae.proj.2155C

1	+44°	4368	23	10.5	+44	24	6.2	✓
2	+44°	4373	23	11.1	+44	42	6.5	✓
3	+44°	4378	23	12.2	+44	21	6.8	✓
4	+43°	4439	23	13.9	+43	47	7.9	✓
5	+43°	4440	23	13.9	+43	20	6.3	✓
6	+43°	4445	23	14.6	+43	16	7.3	✓ An error of 2' in Dec. Read +43°18'
7	+44°	4389	23	14.9	+44	23	8.1	✓
8	+44°	4396	23	16.2	+44	12	8.5	✓ +43°4397 mfo. 9.0
9	+44°	4399	23	16.6	+44 5	0	8.5	✓ +44°4400 mfo. 9.1
10	+45°	4210	23	17.4	+45	11	8.4	✓
11	+45°	4208	23	16.8	+45	34	8.1	✓
12	+44°	4414	23	18.9	+44	32	7.5	✓
13	+44°	4413	23	18.6	+44	9	8.5	✓
14	+44°	4417	23	19.1	+44	34	8.0	✓
15	+44°	4418	23	19.1	+44	14	9.0	✓
16	+44°	4419	23	19.7	+44	32	7.2	✓
17	+44°	4421	23	20.4	+44	34	7.0	✓
18	+43°	4465	23	20.8	+43	59	7.0	✓
19	+44°	4424	23	21.6	+44	54	7.3	✓
20	+44°	4427	23	22.0	+44	28	8.7	✓
21	+44°	4430	23	23.0	+44	40	8.5	✓
22	+45°	4241	23	22.5	+45	40	7.0	✓
23	+45°	4251	23	25.0	+45	59	7.8	✓
24	+46°	4074	23	25.9	+46	13	7.0	✓
25	+45°	4262	23	26.8	+45	53	7.0	✓
26	+45°	4259	23	26.0	+45	20	7.0	✓ +42°4260 mfo. 9.2
27	+45°	4252	23	25.0	+45	6	7.0	✓

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1913phae.proj.2155C

Monday October 27, 1913

I 38140 long.

No.	Dist.	Class	Remark
✓ 28	2	A5	Maybe Comp. Kline seems faint.
✓ 29	4	K2	
✓ 30	2	A0	
✓ 31	6	B9	
✓ 32	5	G5	
✓ 33	2	A3	
✓ 34	9	B9	
✓ 35	1	A0	
✓ 36	3	A2	
✓ 37	4	G5	
✓ 38	2	A0	
✓ 39	10	K0	
✓ 40	2	A0	
✓ 41	1	K0	
✓ 42	2	G5	
✓ 43	5	B9	
✓ 44	10+	A	Burned out.
✓ 45	2	F5	
✓ 46	2	A0	
✓ 47	3	F8	
✓ 48	10+	A	Burned out.
✓ 49	5	B9	
✓ 50	3	F5	
✓ 51	2	A3	
✓ 52	1	K5	
✓ 53	7	A0	
✓ 54	3	A0	

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1913phae..proj..2155C

28	+43°	4484	23	25.7	+43	51	8.0
29	+43°	4481	23	24.8	+43	16	6.8
30	+43°	4482	23	25.0	+43	1	8.1
31	+43°	4489	23	26.9	+43	6	6.9
32	+44°	4441	23	26.7	+44	16	6.5
33	+43°	4497	23	28.3	+43	20	7.3
34	+43°	4508	23	30.5	+43	37	6.3
35	+44°	4458	23	30.5	+44	15	8.1
36	+44°	4464	23	32.3	+44	55	7.5
37	+45°	4288	23	30.8	+45	24	6.8
38	+45°	4286	23	30.7	+45	16	8.0
39	+45°	4283	23	30.5	+45	41	3.5
40	+45°	4282	23	30.1	+45	29	8.0
41	+45°	4280	23	29.9	+45	24	8.5
42	+44°	4454	23	29.5	+44	43	8.0
43	+44°	4467	23	33.1	+44	16	7.0
44	+43°	4522	23	33.3	+43	31	4.7
45	+43°	4515	23	31.5	+43	53	8.4
46	+43°	4514	23	31.3	+43	54	8.5
47	+43°	4512	23	31.3	+43	28	8.4
48	+42°	4720	23	31.0	+42	28	4.2
49	+41°	4826	23	31.3	+41	42	7.0
50	+42°	4726	23	32.5	+42	32	7.5
51	+42°	4741	23	35.9	+42	26	8.3
52	+42°	4742	23	36.0	+42	32	8.2
53	+42°	4747	23	37.6	+42	56	6.6
54	+43°	4526	23	34.0	+43	35	8.8

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1913phae.proj.2155C

Monday October 27, 1913

I 38140 long

	No.	Int.	Class	Remark
✓	55	4	K5	
✓	56	7	F0	
✓	57	1	F5	
✓	58	1	A0	
✓	59	2	A0	
✓	60	1	G	
✓	61	1	F5	
✓	62	3	F8	
✓	63	1	K5	
✓	64	1	A0	
✓	65	1	A0	
✓	66	1	A0	
✓	67	1	K2	
✓	68	5	K2	
✓	69	1	K2	
✓	70	1	A0	
✓	71	4	K0	
✓	72	2	A0	
✓	73	1	K0	
✓	74	2	A	
✓	75	1	K	
✓	76	7	F5	
✓	77	1	A0	E
✓	78	3	F0	E
✓	79	4	A0	
✓	80	5	A0	
✓	81	3	B8	

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1913phae.proj.2155c

55	+44°	4473	23	35.1	+44	11	6.5
56	+43°	4532	23	35.1	+43	58	6.8
57	+44°	4475	23	35.8	+44	5	8.4
58	+44°	4477	23	36.4	+44	15	8.8
59	+43°	4533	23	36.0	+43	36	8.5
60	+43°	4544	23	38.1	+43	30	8.7
61	+43°	4542	23	38.6	+43	51	8.6
62	+43°	4542	23	39.1	+43	24	8.4
63	+43°	4546	23	39.6	+43	6	8.3
64	+42°	4759	23	39.7	+42	52	8.4
65	+42°	4760	23	40.0	+42	45	8.6
66	+42°	4765	23	41.2	+42	47	8.9
67	+41°	4869	23	41.4	+41	23	7.7
68	+41°	4842	23	33.9	+41	3	6.8
69	+40°	5129	23	34.5	+40	58	8.3
70	+41°	4846	23	34.8	+41	52	8.9
71	+41°	4853	23	36.9	+41	40	7.7
72	+41°	4863	23	38.5	+41	26	8.2
73	+41°	4864	23	39.5	+41	13	8.0
74	+40°	5133	23	35.7	+40	30	8.8
75	+40°	5134	23	35.9	+40	10	8.7
76	+39°	5143	23	34.3	+39	45	7.3
77	+43°	4431	23	10.3	+43	7	8.5
78	+42°	4627	23	11.0	+42	46	8.0
79	+42°	4634	23	12.3	+42	20	7.5
80	+42°	4640	23	13.0	+42	10	7.5
81	+42°	4642	23	13.4	+42	23	8.2

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1913phae.proj.2155C

Monday Oct. 27, 1913

I 38140 long.

	No.	Dec.	class	Remarks
✓	82	8	A3	E.
✓	83	1	A	E.
✓	84	6	K2	
✓	85	5	A0	
✓	86	2	F5	
✓	87	1	A	
✓	88	4	Ma	
✓	89	7	A0	
✓	90	3	F5	
✓	91	2	P	
✓	92	3	F8	
✓	93	8	Bq	
✓	94	2	F0	
✓	95	1	K0	
✓	96	3	A0	
✓	97	2	F8	
✓	98	1	K0	
✓	99	3	A0	
11.45 ✓	100	1	G5	
Tuesday Oct. 28, 1913 ✓	101	5	Bq	
10.15 ✓	102	4	A0	
✓	103	3	A0	
✓	104	2	G5	
✓	105	1	A0	
✓	106	3	A2	Another star superposed on prec. edge,
✓	107	2	A3	
✓	108	5	A5	

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1913phae.proj.21550

82	+40°	5043	23	11.5	+40	59	6.2	✓
83	+41°	4741	23	10.8	+41	48	8.2	✓
84	+41°	4752	23	13.0	+41	16	5.9	✓
85	+40°	5049	23	13.1	+40	57	7.4	✓
86	+40°	5057	23	15.4	+40	31	8.0	✓
87	+40°	5062	23	16.6	+40	51	8.7	✓
88	+40°	5065	23	17.2	+40	50	6.5	✓
89	+40°	5068	23	17.6	+40	19	7.0	✓
90	+41°	4768	23	18.1	+41	26	7.2	✓
91	+41°	4773	23	19.0	+41	44	neb	✓
92	+41°	4780	23	19.7	+41	46	7.8	✓
93	+42°	4672	23	20.2	+42	7	6.2	✓
94	+42°	4676	23	20.8	+42	22	8.1	✓
95	+43°	4462	23	20.4	+43	4	8.0	✓
96	+43°	4471	23	22.9	+43	9	7.8	✓
97	+43°	4473	23	23.2	+43	37	8.0	✓
98	+43°	4475	23	23.7	+43	10	8.1	✓
99	+42°	4692	23	24.4	+42	34	8.0	✓
100	+42°	4687	23	22.8	+42	4	8.4	✓
101	+41°	4796	23	22.3	+41	34	7.0	✓
102	+41°	4791	23	21.8	+41	37	7.4	✓
103	+41°	4784	23	20.1	+41	13	8.3	✓
104	+41°	4783	23	20.0	+41	24	7.8	✓
105	+41°	4782	23	19.8	+41	23	8.8	✓
106	+41°	4781	23	19.7	+41	7	8.0	✓ +41° 4779 sup. 8.5
107	+40°	5077	23	19.6	+40	38	8.5	✓
108	+40°	5078	23	19.7	+40	14	7.5	✓

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	No.	Dist.	Class	Remark
	109	1	A0	
10.20	110	6	G5	
10.30	111	6	A0	
	112	5	A0	
	113	2	K2	
	114	1	K0	
	115	4	G0	
	116	1	A	
	117	2	K0	
	118	4	G5	
	119	2	A0	
	120	2	K0	
	121	8	A0	
	122	7	K0	
	123	4	K0	
	124	2	F5	
	125	1	A0	
	126	2	F8	
	127	2	F8	
	128	5	F8	
	129	1	K2	
	130	2	F8	
	131	2	G5	
	132	2	A2	
	133	2	G5	
	134	2	G5	
	135	2	A0	

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109	+40°	5080	23	20.5	+40	24	9.0	✓
110	+39°	5085	23	19.5	+39	35	7.7	✓
111	+38°	4999	23	19.0	+38	33	7.4	✓
112	+42°	4706	23	27.8	+42	25	7.5	✓
113	+42°	4714	23	29.8	+42	31	7.8	✓
114	+41°	4820	23	29.1	+41	51	7.8	✓
115	+42°	4700	23	26.3	+42	2	7.0	✓
116	+42°	4699	23	26.1	+42	17	8.7	✓
117	+42°	4697	23	25.5	+42	24	8.2	✓
118	+40°	5103	23	26.5	+40	50	7.3	✓
119	+41°	4802	23	24.3	+41	16	8.7	✓
120	+39°	5099	23	24.9	+39	59	8.0	✓
121	+39°	5114	23	27.5	+39	26	6.0	✓
122	+38°	5023	23	24.2	+38	26	5.8	✓
123	+37°	4856	23	23.6	+37	51	6.5	✓
124	+38°	5012	23	21.6	+38	49	8.0	✓ +38°5013 sup. 8.3
125	+39°	5092	23	21.4	+39	12	8.8	✓
126	+39°	5095	23	22.2	+39	54	8.4	✓
127	+40°	5119	23	31.4	+40	10	8.1	✓
128	+39°	5174	23	44.0	+39	24	6.8	✓
129	+40°	5161	23	43.7	+40	22	7.8	✓
130	+40°	5158	23	43.6	+40	57	8.0	✓
131	+41°	4878	23	43.4	+41	1	7.8	✓
132	+39°	5167	23	42.0	+39	59	8.3	✓
133	+40°	5150	23	40.9	+40	18	8.0	✓
134	+45°	4325	23	40.4	+45	13	8.0	✓
135	+44°	4495	23	41.2	+44	38	8.4	✓

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	No.	Dec.	Class	Remark
✓	136	2	A0	
✓	137	7	B9	
✓	138	7	F5	
10.35 ✓	139	2	A0	
	~~140~~			
	141			
	140	8	B3	
	141	8	K0	Hβ and Hγ strong for this class.
	142	6	A5	
	143	2	G5	
	144	1	K5	
	145	2	K0	
	146	1:	K0	

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136	+45°	4312	23	36.8	+45	8	8.5	✓
137	+46°	4127	23	34.3	+46	3	7.0	✓
138	+45°	4301	23	34.0	+45	25	7.0	✓
139	+43	4456	23	17.8	+43	30	8.5	✓

Identn. in book by J.C.M. April 1, 1915
Identn. on cards by A.J.C. April 3, 1915
Identification compared by E.R.B. April 6, 1915

✓ 140	+46	4169	23	40.4	+46	1	6.5	27 on d37910
✓ 141	+45	4321	23	35.9	+45	37	5.2	29 on d37910
142	+41	4881						57 " "
143	+39	5129						33 on d38615
— 144	+44	4466	23	32.8	+44	38	7.8	
— 145	+44	4457	23	30.3	+44	85	7.8	
✓ 146	+41	4883	23	44.7	+41	25	7.8	

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