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1913phae.proj..21576

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

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10.15 B20896 short

No.	Int.	Class	Remark
1	3	A0	
2	3	K0	
3	3	F5	
4	1	G5	
5	1	A2	
6	1	F8	
7	2	K0	
8	1	A0	
9	10	B9	
10	2	A0	
11	2	K	Partly superposed on 12
12	1	A2	
13	3	K0	
14	10	A0	
15	2	A2	
16	2	A0	
17	1	A2	
18	1	K0	
19	1	A2	
20	1	K0	
21	4	F2	
22	1	A2	
23	1	A0	
24	2	A2	
25	5	F0	
26	2	A2	
27	1	K0	

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1	−9° 2344	7	56.3	−9	29	8.5						✓
2	−10° 2362	7	57.2	−10	2	7.3						✓
3	−9° 2351	7	57.4	−9	55	8.2						✓
4	−9° 2352	7	57.6	−9	50	8.1						✓
5	−10° 2370	7	58.1	−10	2	9.0						✓
6	−10° 2372	7	58.6	−10	~~12~~ 13	8.9						✓
7	−10° 2377	7	58.8	−10	16	8.2						✓
8	−10° 2374	7	58.7	−10	24	9.3						✓
9	−9° 2363	7	58.5	−9	43	6.6						✓
10	−9° 2358	7	58.0	−9	17	8.5						✓
11	−9° 2361	7	58.5	−9	31	8.2						✓
12	−9° 2362	7	58.5	−9	35	9.1						✓
13	−9° 2367	7	59.3	−9	15	8.0						✓
14	−8° 2222	7	59.5	−8	50	6.0	−8° 2221	7	59.5	−8	49	8.5 superposed.
15	−9° 2372	7	59.8	−9	16	8.8						✓
16	−10° 2386	8	0.1	−10	3	9.0						✓
17	−9° 2383	8	0.8	−9	59	9.0						✓
18	−9° 2387	8	1.3	−9	42	8.8						✓
19	−9 2388	8	1.4	−9	48	9.4						✓
20	−9° 2389	8	1.4	−9	56	8.9						✓
21	−9° 2398	8	2.7	−9	35	8.6						✓
22	−9° 2395	8	2.5	−9	17	9.3						✓
23	−9° 2402	8	3.4	−9	26	9.1						✓
24	−9 2409	8	4.1	−9	30	9.0						✓
25	−9° 2410	8	4.2	−9	36	8.5	−9° 2411	8	4.3	−9	~~36~~ 35	9.4 Superp.
26	−10° 2409	8	4.1	−10	11	9.1						✓
27	−10° 2412	8	4.2	−10	32	9.1						✓

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No.	Int.	Class	Remark
✓ 28	1	F8	
✓ 29	3	A0	
✓ 30	3	K0	
✓ 31	2	F5	
✓ 32	2	F2	
✓ 33	4	A5	G band appears to be present. comp.?
✓ 34	7	B9	
✓ 35	2	A0	
✓ 36	1	A0	
✓ 37	1	A0	
✓ 38	2	K0	
✓ 39	1	G0	
✓ 40	1	F2	
✓ 41	1	K2	
✓ 42	6	A0	
✓ 43	3	A3	
✓ 44	3	K5	
✓ 45	1	K0	
✓ 46	2	A0	
✓ 47	2	K0	
✓ 48	6	K0	
✓ 49	1	F8	
✓ 50	10	A5	
✓ 51	4	A0	
✓ 52	3	A2	
✓ 53	1	G0	
✓ 54	3	K2	

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28	−10°	2N21	8	5.2	−10	16	9.0
29	−10°	2N24	8	5.7	−10	7	8.9
30	−10°	2N22	8	5.5	−10	24	7.8
31	−10°	2N28	8	6.2	−10	34	9.1
32	−10°	2N31	8	6.6	−10	32	8.9
33	−9°	2N34	8	7.0	−9	52	8.4
34	−9°	2N35	8	7.0	−9	36	8.0
35	−9°	2N27	8	6.5	−9	24	9.0
36	−9°	2N39	8	7.6	−9	13	9.1
37	−9°	2N40	8	7.9	−9	36	9.2
38	−9°	2N48	8	9.0	−9	20	8.0
39	−10°	2N35	8	7.8	−10	1	9.1
40	−10°	2N36	8	8.1	−10	19	9.0
41	−10	2N43	8	8.8	−10	0	8.7
42	−10	2N53	8	10.3	−10	1	8.0
43	−10°	2N52	8	10.2	−10	13	9.0
44	−10°	2N51	8	10.2	−10	26	7.7
45	−10°	2N55	8	10.5	−10	29	9.0
46	−10°	2N56	8	10.5	−10	34	9.3
47	−10°	2N61	8	11.2	−10	3	8.7
48	−9°	2N63	8	11.4	−9	41	7.5
49	−9°	2N66	8	11.9	−9	34	8.8
50	−9°	2N71	8	12.3	−9	43	6.2
51	−9°	2N72	8	12.4	−9	21	8.0
52	−9°	2N76	8	13.1	−9	53	8.5
53	−9°	2N69	8	12.1	−9	24	9.1
54	−9°	2N85	8	14.8	−9	31	7.6

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B 7089 b shut

No.	Dist.	Class	Remark
✓ 55	2	K5	
✓ 56	5	A0	
✓ 57	10	F0	
✓ 58	10	F2	
✓ 59	1	F8	
✓ 60	1	K0	
✓ 61	1	F8	
✓ 62	1	F	
✓ 63	3	A2	
✓ 64	3	A0	
✓ 65	1	K2	
✓ 66	2	A2	
✓ 67	2	K5	
✓ 68	2	A0	
✓ 69	1	K5	another star superposed at north-partially class A
✓ 70	1	Ma	
✓ 71	1	K5	
✓ 72	1	K5	
✓ 73	5	A0	
✓ 74	4	K0	
✓ 75	3	A2	
✓ 76	1	A3	Partly superposed on 75
✓ 77	1	K5	
✓ 78	1	A2	
✓ 79	10+	B9	
✓ 80	5	A0	
✓ 81	1	K5	

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55	−9° 2492	8	15.6	−9	32	8.4				✓
56	−8° 2323	8	15.3	−8	40	8.2				✓
57	−10° 2490	8	14.7	−10	35	6.8				✓
58	−10° 2491	8	15.0	−10	17	6.9				✓
59	−10° 2493	8	15.3	−10	15	8.9				✓
60	−10° 2495	8	15.7	−10	14	8.9				✓
61	−10° 2496	8	16.0	−10	18	9.1				✓
62	−10° 2498	8	16.3	−10	32	8.9				✓
63	−10° 2356	7	56.7	−10	41	8.5				✓
64	−10° 2357	7	56.8	−10	35	8.9				✓
65	−10° 2366	7	57.6	−10	14	8.7				✓
66	−11° 2224	7	57.6	−11	8	9.1				✓
67	−11° 2226	7	57.9	−11	37	8.5				✓
68	−11° 2229	7	58.7	−11	5	9.2				✓
69	−10° 2375	7	58.7	−10	55	8.6	−10° 2373	7	58.7 −10 50 9.5 su/apon	✓
70	−11° 2237	7	59.6	−11	10	8.8				✓
71	−11° 2236	7	59.4	−11	25	8.5				✓
72	−11° 2234	7	59.1	−11	45	8.9				✓
73	−11° 2243	8	0.6	−11	26	8.8				✓
74	−11° 2245	8	0.8	−11	15	8.3				✓
75	−11° 2250	8	1.5	−11	12	9.0				✓
76	−11° 2251	8	1.6	−11	16	9.5				✓
77	−10° 2395	8	1.5	−10	52	9.0				✓
78	−10° 2399	8	2.0	−10	43	9.4	−10° 2398	8	1.9 −10 47 9.2 su/ur.	✓
79	−10° 2400	8	2.1	−10	55	6.6				✓
80	−11° 2255	8	2.3	−11	10	8.5				✓
81	−11° 2257	8	2.5	−11	21	9.0				✓

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13 7096 plates

No.	Sub.	Class	Remark
✓ 82	3	A3	
✓ 83	5	K2	Another star superposed at north-
✓ 84	1	A2	
✓ 85	1	K	
✓ 86	1	A2	
✓ 87	2	G5	Another star superposed at north-
✓ 88	7	B8	
✓ 89	1	F8	
✓ 90	7	B9	
✓ 91	1	K0	
✓ 92	1	A	
✓ 93	3	A2	
✓ 94	3	K0	
✓ 95	4	F0	
✓ 96	4	K0	
✓ 97	2	A3	
✓ 98	1	G5	"
✓ 99	3	A2	
✓ 100	7	G5	
✓ 101	3	F2	
✓ 102	1	K5	Partly superposed on 103
✓ 103	1	F5	
✓ 104	5	F0	
✓ 105	2	B9	Another star superposed at north-
✓ 106	3	B9	
✓ 107	10	G5	
✓ 108	2	F5	

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82	−11° 2261	8	2.7	−11	3N	9.0					✓
83	−11° 2262	8	2.7	−11	0	8.5	−10° 2N03	8	2.7	−10	58 9.3 Super.
84	−11° 2260	8	2.7	−11	11	9.5					✓
85	−10° 2N04	8	3.1	−10	N3	9.2					✓
86	(Approx 1855 pos.)	8	3.2	−10	51						✓
87	−11° 2266	8	3.7	−11	7	9.0	−11° 2265	8	3.6	−11	2 9.N Superposed
88	−11° 2268	8	N.3	−11	20	8.3					✓
89	−11° 227N	8	4.9	−11	19	9.1					✓
90	−11° 2275	8	5.0	−11	2	8.N					✓
91	−11° 2276	8	5.2	−11	26	9.0					✓
92	−11° 2277	8	5.6	−11	30	9.8					✓
93	−11° 2282	8	7.2	−11	28	9.1					✓
94	−11° 2283	8	7.2	−11	20	8.6					✓
95	−11° 2284	8	7.7	−11	6	8.N					✓
96	10° 2N39 −11° 2289	8	8.5 8.3	−10 −11	51 30	8.0 9.0					✓
97	−11° 2291	8	8.6	−11	2	9.3					✓
98	−11° 2289	8	8.3	−11	30	9.0					✓
99	−11° 2293	8	8.8	−11	N8	8.9					✓
100	−11° 2292	8	8.8	−11	59	8.8					✓
101	−11° 2297	8	9.5	−11	7	8.5					✓
102	−11° 2300	8	9.6	−11	19	9.1					✓
103	−11° 2301	8	9.6	−11	2N	9.N					✓
104	−11° 2305	8	10.5	−11	19	8.5					✓
105	−10° 2N50	8	10.1	−10	N8	9.2	and −10° 2NN9	8	10.1	−10	N3 9.3 Superposed
106	−11° 2307	8	10.9	−11	55	9.1					✓
107	−12° 2NN9	8	11.5	−12	9	6.3					✓
108	−11° 2309	8	11.5	−11	37	9.0					✓

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B20896 plate

No.	Dis.	Class	Remarks
v 109	1	a5	
v 110	1	a2	
v 111	5	a0	
v 112	7	F5	
v 113	3	K0	
v 114	1	Ma	
v 115	1	G5	Partly superposed on 114
v 116	6	a3	
v 117	2	a3	
v 118	1	G5	
v 119	2	a2	
v 120	7	K2	
v 121	1	a0	
v 122	1	F8	
v 123	2	a2	
v 124	4	a3	
v 125	6	F0	
v 126	2	a	Another star partly superposed.
v 127	2	a0	
v 128	1	K0	
v 129	1	a0	
v 130	1	F8	
v 131	2	G5	
v 132	2	a0	
v 133	4	K0	
v 134	7	B5	
v 135	2	a0	

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~~109~~										
109	~~110~~	−11° 2310	8	11.8	−11	35	9.3		✓	
110	~~111~~	−11° 2311	8	11.9	−11	42	9.4		✓	
111	~~112~~	−11° 2316	8	~~11.9~~ 12.7	−11	~~42~~ 41	~~9.4~~ 9.0		✓	
112	~~113~~	−11° 2315	8	12.6	−11	26	8.0		✓	
113	~~114~~	−11° 2317	8	12.8	−11	9	8.5		✓	
114	~~115~~	−11° 2313	8	12.3	−11	4	8.5		✓	
115	~~116~~	−11° 2312	8	12.3	−11	6	8.8		✓	
116	~~117~~	−11° 2314	8	12.4	−11	12	8.8		✓	
117	~~118~~	−10° 2480	8	13.4	−10	52	9.0		✓	
118	~~119~~	−10° 2477	8	13.2	−10	53	8.8		✓	
119	~~120~~	−10 2472	8	12.0	−10	12	9.2		✓	
120		−12° 2463	8	13.1	−12	24	7.0		✓	
121		−11° 2327	8	14.9	−11	23	9.4		✓	
122		−12° 2462	8	12.9	−12	22	8.8		✓	
123		−12° 2457	8	12.0	−12	32	8.8		✓	
124		−11° ~~2200~~ 2207	7	~~54.5~~ 55.4	−11	~~50~~ 54	~~8.8~~ 8.5		✓	
125		−11° 2209	7	55.8	−11	58	8.5		✓	
126		−11° 2212	7	56.5	−11	14	9.1	−11° 2213 7 56.6 −11 15 9.6		
127		−11° 2217	7	56.8	−11	10	9.0		✓	
128		−11° 2222	7	57.4	−11	27	9.0		✓	
129		−11° 2221	7	57.4	−11	19	9.4	−11° 2223 7 57.4 −11 19 9.3 superposed		
130		−11° 2218	7	56.9	−11	54	9.3		✓	
131		−12° 2300	7	56.6	−12	29	9.0		✓	
132		−12° 2301	7	56.6	−12	36	9.1		✓	
133		−12° 2302	7	56.6	−12	48	8.5		✓	
134		−12° 2315	7	57.7	−12	44	7.7		✓	
135		−12° 2379	7	58.3	−12	6	9.4		✓	

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No.	Int.	Class	Remark
✓ 136	9	A0	
✓ 137	1	K0	
✓ 138	2	A0	
✓ 139	3	F0	
✓ 140	5	A5	
✓ 141	5	A0	
✓ 142	1	A5	Partly superposed on 141
✓ 143	4	A0	
✓ 144	3	A0	
✓ 145	7	F8	
✓ 146	1	A	
✓ 147	1	K	
✓ 148	3	A2	
✓ 149	4	B9	
✓ 150	1	K0	
✓ 151	1	G0	
✓ 152	1	F8	
✓ 153	1	A0	
✓ 154	2	F5	
✓ 155	4	G0	
✓ 156	1	K5	
✓ 157	4	A0	
✓ 158	16+	G	Burned out.
✓ 159	2	A2	Partly superposed on 158
✓ 160	1	G5	Another star superposed p. f.
✓ 161	2	A0	
✓ 162	1	F5	Partly superposed on 161

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136	−13° 2381	7	58.8	−13	10	7.5 ✓
137	−12° 2327 (8/9)	7	59.1	−12	37	8.5 ✓
138	−12° 2328	7	59.2	−12	32	8.9 ✓
139	−12° 2330	7	59.3	−12	15	8.8 ✓
140	−12° 2338	7	59.7	−12	42	8.3 ✓
141	−12° 2334	7	59.5	−12	52	8.8 ✓
142	−12° 2336	7	59.6	−12	48	9.2 ✓
143	−12° 2344	8	0.8	−12	55	8.9 ✓
144	−12° 2346	8	1.0	−12	32	8.9 ✓
145	−13° 2401	8	1.3	−13	5	7.6 ✓
146	−13° 2352	8	1.7	−13	38	8.9 ✓
147	−12° 2355	8	2.0	−12	20	8.6 ✓
148	−12° 2360	8	2.9	−12	28	8.7 ✓
149	−11° 2264	8	3.2	−11	49	8.9 ✓
150	−11 2256	8	2.5	−11	47	9.1 ✓
	−11 2258	8	2.6	−11	39	9.3
151	~~−12 2390~~	~~8~~	~~5.0~~	~~−12~~	~~15~~	~~8.8~~ ✓
152	−11° 2244	8	0.7	−12	48	9.1 ✓
153	−11° 2246	8	0.9	−11	57	9.3 ✓
154	−12° 2375	8	3.9	−12	1	9.0 ✓
155	−11° 2273	8	4.8	−11	55	8.5 ✓
156	−11° 2267	8	4.2	−11	30	9.0 ✓
157	−12° 2390	8	5.0	−12	15	8.8 ✓
158	−12° 2385	8	4.5	−12	30	5.0 ✓
159	−12° 2383	8	4.4	−12	30	9.0 ✓
160	−12° 2370	8	3.4	−12	44	9.0 ✓
161	−13° 2417	8	3.6	−13	0	9.5 ✓
162	−13° 2418	8	3.7	−13	4	9.2 ✓

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B20896 short.

No.	Dif.	Class	Remark
✓ 163	10+	F5	Burned out.
✓ 164	1	A5	
✓ 165	2	A2	
✓ 166	1	G5	Partly superposed on 165
✓ 167	4	B2	Line K strong for this class.
✓ 168	6	A0	
✓ 169	3	K0	
✓ 170	7	B8	
✓ 171	7	A2	
✓ 172	2	A0	
✓ 173	1	F0	
✓ 174	1	A5	
✓ 175	3	F5	
✓ 176	3	A2	
✓ 177	7	Ma	
✓ 178	1	K5	
✓ 179	3	A5	
✓ 180	2	K0	
✓ 181	2	A0	
✓ 182	1	F0	
✓ 183	2	B9	
✓ 184	1	A0	
✓ 185	4	A0	
✓ 186	3	A0	Partly superposed on 185
✓ 187	2	K2	
✓ 188	1	A5	
✓ 189	1	K5	

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163	−13° 2420	8	3.9	−13	22	6.2		✓
164	−12° 2413	8	3.0	−12	20	9.0		✓
165	−12° 2409	8	2.4	−13	34	9.1		✓
166	−12° 2410	8	2.6	−13	37	9.0		✓
167	−13° 2429	8	5.3	−13	44	8.4		✓
168	−13° 2433	8	5.9	−13	2	8.0		✓
169	−13° 2438	8	6.2	−13	4	8.2		✓
170	−13° 2437	8	6.2	−13	25	8.2		✓
171	−12° 2403	8	6.3	−12	17	7.7		✓
172	−12° 2395	8	5.5	−12	26	9.1		✓
173	−12° 2392	8	5.2	−12	27	9.1		✓
174	−11° 2278	8	6.0	−11	54	9.2	−11° 2279 8 6.0 −11 51 9.4 superposed.	✓
175	−13° 2443	8	7.6	−13	1	8.5		✓
176	−12° 2416	8	8.2	−12	60	8.8		✓
177	−13° 2452	8	8.8	−13	11	7.0		✓
178	−13° 2446	8	8.0	−13	35	9.0		✓
179	−13° 2447	8	8.3	−13	48	9.0		✓
180	−13° 2450	8	8.5	−13	49	9.0		✓
181	−13° 2457	8	9.5	−13	23	9.0		✓
182	−13° 2460	8	9.7	−13	29	9.3		✓
183	−13° 2466	8	10.3	−13	58	9.1		✓
184	−12° 2428	8	9.2	−12	18	9.2		✓
185	−12° 2435	8	10.0	−12	9	8.3		✓
186	−12° 2437	8	10.1	−12	8	9.0		✓
187	−12° 2438	8	10.4	−12	26	8.3		✓
188	−12° 2441 ~~2398~~	8	10.5 ~~9.9~~	−12 ~~−12~~	32 ~~34~~	9.0 ~~9.4~~		✓
189	−13° 2475	8	12.4	−13	10	8.6	−13° 2476 8 12.4 −13 14 9.2 Super.	✓

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1913phae.proj.2157C

Tuesday October 14, 1913

B 20896 short

No.	Dist.	class	Remark
✓ 190	2	a0	
✓ 191	3	a2	
✓ 192	4	a2	
✓ 193	5	K0	
✓ 194	5	a0	
✓ 195	7	a0	
✓ 196	2	a0	Partly superposed on 195
✓ 197	8	K0	
✓ 198	1	K0	
✓ 199	1	F	
✓ 200	1	a	
✓ 201	10+	a	Burned out E
✓ 202	10+	a	" " E
✓ 203	10+	a	" " "
✓ 204	2	a0	
✓ 205	6	F5	
✓ 206	1	K5	
✓ 207	1	Bq	
✓ 208	3	Mar	
✓ 209	6	a0	
✓ 210	2	K5	
✓ 211	2	K0	
✓ 212	3	a0	
✓ 213	4	F0	
✓ 214	5	K0	
✓ 215	4	a0	
✓ 216	2	a0	

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1913phae.proj.2157C

190	−12° 2461	8	12.7	−12	58	9.1	✓
191	−18° 2477	8	12.5	−17	31	9.1	✓
192	−13° 2484	8	13.6	−13	29	9.1	✓
193	−13° 2488	8	13.8	−13	11	8.2	✓
194	−13° 2498	8	14.5	−13	43	8.8	✓
195	−13° 2506	8	15.0	−13	59	~~9.0~~ 8.3	✓
196	−13° 2500	8	15.0	−13	59	9.0	✓
197	−14° 2483	8	14.6	−14	31	7.1	✓
198	−14° 2485	8	14.8	−14	20	9.0	✓
199	−14° 2493	8	15.5	−14	13	9.1	✓ −14° 2492 8 15.5 −14 16 9.4 Superposed
200	−13° 2514	8	16.9	−13	59	9.0	✓
201	−14° 2517	8	19.2	−14	28	6.4	✓
202	−14° 2527	8	20.7	−14	28	7.0	✓
203	−14° 2510	8	18.3	−14	50	7.3	✓
204	−13° 2507	8	15.6	−13	27	8.8	✓
205	−13° 2502	8	15.2	−13	19	8.0	✓
206	−13° 2506	8	15.5	−13	10	8.9	✓ −13° 2505 8 15.4 −13 6 9.1 Superposed. There are two stars for −13° 2505 in chart plate B2084
207	−12° 2481	8	15.2	−12	55	9.3	✓
208	−13° 2375	7	58.1	−13	32	8.0	✓
209	−13° 2380	7	58.7	−13	52	8.5	✓
210	−13° 2382	7	59.1	−13	42	8.5	✓
211	−13° 2384	7	59.2	−13	33	8.7	✓
212	−14° 2365	7	59.1	−14	6	8.8	✓
213	−13° 2391	8	0.2	−13	53	8.5	✓
214	−13° 2392	8	0.3	−13	55	7.5	✓
215	−13° 2398	8	0.7	−13	20	9.1	✓
216	−13° 2390	8	0.1	−13	17	9.1	✓

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1913phae.proj.2157C

Tuesday October 14, 1913

B29896 plates.

	No.	Int.	Class	Remarks
✓	217	3	a0	
✓	218	3	a2	Partly superposed on 217.
✓	219	2	F	E
✓	220	1	K5	
10.50 ✓	221	2	a2	
11.06 ✓	222	1	K5	
Thursday Jan. 15, 1914 ✓	223	2	a2	
✓	224	2	a0	
✓	225	5	a0	
✓	226	3	a2	
✓	227	1	K2	
✓	228	7	a2	
✓	229	3	F2	
✓	230	6	G5	
✓	231	1	ma	
✓	232	6	a0	
✓	233	4	a0	
✓	234	3	K0	
✓	235	8	B9	
✓	236	2	a3	
✓	237	5	a2	
✓	238	2	K0	
✓	239	2	K5	
✓	240	7	K2	
✓	241	9	K0	
✓	242	3	K2	
✓	243	4	F8	E

Cont in Bk 78, 206

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1913phae.proj.2157C

217	−13° 2385	7	59.7	−13	12	9.0	✓
218	−13° 2387	7	59.8	−13	15	9.0	✓
219	−14° 2372	~~7~~ 8	0.0	−14	27	8.7	✓
220	−14° 2362	7	58.7	−14	16	8.5	✓
221	−14° 2355	7	58.0	−14	30	8.9	✓
222	−14° 2348	7	56.8	−14	57	9.0	✓
223	−13° 2346	7	54.6	−13	44	9.0	✓
224	−13° 2344	7	54.3	−13	57	9.0	✓
225	−13° 2343	7	54.2	−13	23	8.7	✓
226	−13° 2341	7	53.8	−13	31	9.0	✓
227	−13° 2338	7	53.5	−13	27	8.9	✓
228	−13° 2360	7	56.4	−13	14	8.8	−13° 2359 7 56.4 −13 13 9.2 superposed ✓
229	−12° 2279	7	54.6	−12	50	8.7	✓
230	−12° 2288	7	55.3	−12	24	8.3	✓
231	−12° 2280 3	7	54.4 9	−12	~~23~~ 20	8.3 8	✓
232	−12° 2280	7	54.6	−12	23	8.3	✓
233	−11° 2200	7	54.5	−11	50	8.8	✓
234	−12° 2269	7	53.7	−12	6	8.3	−12° 2268 9 53.6 −12 8 9.3 superposed ✓
235	−12° 2263	7	53.0	−12	28	7.6	✓
236	−12° 2264	7	53.2	−12	58	8.7	✓
237	−12° 2259	7	52.6	−12	56	8.7	✓
238	−12° 2252	7	52.1	−12	55	8.7	✓
239	−12° 2247	7	51.7	−12	35	8.3	✓
240	−12° 2229	7	50.0	−12	33	7.5	✓
241	−12° 2217	7	49.2	−12	14	6.8	✓
242	−12° 2206	7	47.9	−12	18	8.6	✓
243	−12° 2204	7	47.8	−12	27	8.4	✓
~~244~~	Identified on cards by AMC. May 13, 1914 Identification confirmed by [illegible] May 15, 1914 E.B.C.						

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1913phae.proj.2157C

Monday October 20. 1913

10.45 B 13281 shot.

No.	Int.	Class	Remarks
1	1	a3	
2	2	F8	
3	1	F8	
4	1	F5	
5	1	G0	
6	1	G5	
7	4	F5	
8	5	F8	
9	1	K	
10	1	a2	
11	2	F0	
12	1	F8	
13	7	G5	
14	8	K0	
15	1	Ma	
16	1	F0	
17	1	G0	
18	1	G0	
19	6	F8	
20	4	a0	
21	3	K2	
22	5	Ma	
23	7	a5	
24	2	a0	
25	1	K0	
26	3	F5	
27	2	a5	

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1913phae.proj.2157C

1	−24°	7992 q	16.5 − 24	48.9	9.1 ∧∨
2	−25°	7180 q	19.8 − 25	3.9	9.3 ∧∨
3	−25°	~~7178 q~~ 7181 q	~~14.7 − 25~~ 19.9 −25	~~23.0~~ 17.4	~~9.4 ∨~~ 9.2
4	−25°	7205 q	21.9 − 25	14.5	8.5 ∧∨
5	−25°	7218 q	22.5 − 25	16.4	9.1 ∧∨
6	−24°	8096 q	21.9 − 24	52.5	8.6 ∧∨
7	−26°	7060 q	21.1 − 26	1.8	8.4 ∧∨
8	−25°	7209 q	22.2 − 25	49.1	8.3 ∧∨
9	−25°	7215 q	22.5 − 25	54.0	9.2 ∧∨
10	−25°	7229 q	23.3 − 25	35.6	9.5 ∧∨
11	−25°	7233 q	23.4 − 25	40.6	9.1 ∧∨
12	−25°	7251 q	24.6 − 25	28.0	9.0 ∧∨
13	−26°	7114 q	24.2 − 26	2.9	7.2 ∧∨
14	−26°	7117 q	24.4 − 26	2.7	6.0 ∧∨
15	−26°	7130 q	25.2 − 26	16.0	8.4 ∧∨
16	−26°	7138 q	25.5 − 26	21.4	9.2 ∧∨
17	−26°	7146 q	25.8 − 26	14.7	9.3 ∧∨
18	−26°	7151 q	26.2 − 26	7.9	9.2 ∧∨
19	−25°	7284 q	27.0 − 25	52.3	8.0 ∧∨
20	−26°	7165 q	26.8 − 26	21.9	8.7 ∧∨
21	−26°	7157 q	26.4 − 26	35.3	8.1 ∧∨
22	−26°	7175 q	27.2 − 26	51.9	7.6 ∧∨
23	−27°	6699 q	27.4 − 27	7.4	7.7 ∧∨
24	−26°	7184 q	27.5 − 26	31.7	8.8 ∧∨
25	−26°	7214 q	29.0 − 26	37.2	9.0 ∧∨
26	−26°	7218 q	29.2 − 26	30.9	8.6 ∧∨
27	−26°	7229 q	29.5 − 26	48.2	8.8 ∧∨

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1913phae.proj.2157C

Monday October 20, 1913

B13281 shot.

No.	Int.	Class	Remark
28	8	A0	
29	3	K0	
30	4	K2	
31	1	K0	
32	2	A0	
33	1	A	
34	2	G5	
35	2	K5	
36	3	F0	
37	1	A	
38	1	K0	
39	2	Ma	
40	5	K5	
41	4	G5	
42	9	K0	
43	3	F2	Partly superposed on 42
44	2	F2	
45	3	G0	
46	2	G5	
47	2	Ma	
48	2	F8	
49	3	A3	
50	2	F2	
51	2	K0	
52	1	G5	
53	4	G5	
54	6	A0	

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1913phae.proj.2157C

28	−26°	7251 q	30.5 − 26	58.1	7.3 ∧ ∨
29	−26°	7262 q	31.0 − 26	45.4	7.7 ∧ ∨
30	−26°	7269 q	31.3 − 26	17.7	7.5 ∧ ∨
31	−26°	7240 q	30.0 − 26	8.1	9.2 ∧ ∨ −26° 7228 Superposed ∧ magn. 9.7
32	−25°	7315 q	28.8 − 25	57.7	9.3 ∧ ∨
33	−25°	7311 q	28.6 − 25	50.0	9.2 ∧ ∨
34	−25°	7322 q	29.1 − 25	21.1	8.1 ∧ ∨
35	−25°	7303 q	28.1 − 25	11.4	8.4 ∧ ∨
36	−25°	7277 q	26.6 − 25	2.5	8.9 ∧ ∨ −25° 7278 Superposed magn. 9.1
37	−25°	7273 q	26.5 − 25	25.0	9.4 ∧ ∨
38	−25°	7334 q	29.9 − 25	30.8	8.9 ∧ ∨
39	−25°	7341 q	30.4 − 25	21.1	8.3 ∧ ∨
40	−25°	7343 q	30.6 − 25	24.5	8.0 ∧ ∨
41	−25°	7356 q	31.5 − 25	32.1	8.3 ∧ ∨
42	−24°	8272 q	31.4 − 24	44.3	6.4 ∧ ∨
43	−24°	8273 q	31.4 − 24	39.5	8.8 ∧ ∨
44	−23°	8554 q	31.2 − 23	56.4	9.1 ∧ ∨
45	−23°	8550 q	30.9 − 23	39.8	8.6 ∧ ∨
46	−23°	8520 q	29.1 − 23	37.9	8.7 ∧ ∨
47	−24°	8122 q	23.4 − 24	29.5	8.3 ∧ ∨
48	−24°	8302 q	33.2 − 24	25.4	8.6 ∧ ∨
49	−23°	8599 q	34.0 − 23	59.2	8.9 ∧ ∨
50	−24°	8314 q	34.2 − 24	6.3	8.8 ∧ ∨
51	−25°	7366 q	32.3 − 25	22.1	8.2 ∧ ∨
52	−25°	7373 q	32.8 − 25	25.1	8.9 ∧ ∨
53	−25°	7371 q	32.6 − 25	48.5	8.2 ∧ ∨
54	−25°	7396 q	31.9 − 25	45.0	8.6 ∧ ∨

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1913phae.proj.2157C

Monday October 20, 1913

B 13281 clouds

No.	Int.	Class	Remark
55	6	F2	
56	4	F0	
57	4	F8	
58	3	A3	
59	5	F5	
60	3	K0	
61	4	F5	
62	8	F0	
63	10+	A5	
64	7	F0	
65	2	K5	Perhaps Ma
66	2	K5	
67	1	F8	
68	5	K0	
69	2	F8	
70	1	K0	
71	3	K2	
72	1	A0	Another star partly superposed.
73	2	A0	
74	4	A0	
75	6	F0	
76	5	A0	
77	5	B5	
78	2	K0	
79	2	B5	
80	5	K0	
81	6	A2	

S.P.D. −27° 3848 9 37.8 Not in Lessm. Cat. −27 Su

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1913phae.proj.2157C

55	−26°	7327 q	34.9	−26	14.8	~~8~~ 9.2
56	−25°	7411 q	35.9	−25	19.8	8.4
57	−25°	7415 q	36.1	−25	24.1	8.3
58	−26°	7381 q	38.6	−26	4.8	8.7
59	−26°	7387 q	39.0	−26	18.6	8.0
60	−26°	7383 q	38.8	−26	52.3	8.2
61	−26°	7393 q	39.3	−26	47.6	8.2
62	−27°	6895 q	39.2	−27	2.7	7.3
63	−27°	6881 q	38.6	−27	11.4	5.1
64	−26°	7411 q	40.8	−26	41.6	7.0
65	−26°	7401 q	40.3	−26	13.4	8.4
66	−25°	7461 q	39.4	−25	58.8	8.3
67	−25°	7463 q	39.5	−25	42.0	9.1
68	−25°	7471 q	40.4	−25	40.6	8.0
69	−26°	7376 q	38.1	−26	35.6	8.5
70	−27°	6879 q	38.0	−27	2.4	8.3
71	−27°	6852 q	36.8	−27	39.7	7.8
72	−27°	6873 q	37.8	−27	35.0	9.3
73	−27°	6847 (68) q	37.7	−27	58.6	~~8.4~~ 9.1
74	−27°	6877 q	37.9	−27	52.6	8.4
75	−27°	6907 q	39.9	−27	50.1	8.0
76	−28°	7562 q	38.1	−28	35.3	8.0
77	−29°	7732 q	37.9	−29	13.3	7.9
78	−28°	7578 q	39.0	−28	57.7	8.2
79	−29°	7750 q	39.1	−29	2.3	8.4
80	−28°	7593 q	40.0	−28	58.3	7.6
81	−28°	7607 q	41.2	−28	53.8	8.3

.8 −27 35.2 9.5 Superposed

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1913phae.proj.2157C

Monday October 20, 1913

B1328 1 plate

No.	Dist.	class	Remark
82	5	Ko	
83	2	F8	
84	1	Ma	
85	1	F5	
86	1	F0	
87	2	F2	
88	1	F8	
89	1	K	
90	1	Ko	
91	5	Ko	
92	2	Ko	
93	2	A0	
94	1	G5	
95	2	K5	
96	5	B9	
97	2	Ko	Another star superposed?
98	4	F5	
99	8	B9	
100	3	F8	
101	3	A5	
102	5	F5	
103	7	A2	
104	10+	B8	Burned out.
105	3	A5	
106	4	F0	
107	2	Ko	
108	9	A2	

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82	−29°	7788 q	42.1	−29	6.8	7.8	∧ ∪
83	−26°	7033 q	19.9	−26	59.6	8.1	∧ ∪
84	−26°	7037 q	20.1	−26	54.6	8.0	∧ ∪
85	−27°	6558 q	19.3	−27	10.4	8.9	∧ ∪
86	−27°	6571 q	20.2	−27	7.4	9.0	∧ ∪
87	−26°	7053 q	20.9	−26	42.6	9.1	∧ ∪
88	−26°	7062 q	21.2	−26	20.9	9.0	∧ ∪
89	−26°	7063 q	21.3	−26	31.3	8.9	∧ ∪
90	−26°	7078 q	22.0	−26	34.9	8.8	∧ ∪
91	−26°	7081 q	22.2	−26	33.9	8.0	∧ ∪
92	−26°	7085 q	22.4	−26	55.6	8.3	∧ ∪
93	−26°	7101 q	23.4	−26	43.6	8.5	∧ ∪
94	−27°	6644 q	24.0	−27	15.6	8.8	∧ ∪
95	−27°	6646 q	24.1	−27	11.1	8.0	∧ ∪
96	−27°	6654 q	24.7	−27	7.5	8.2	∧ ∪
97	−26°	7131 q	25.2	−26	50.8	8.6	∧ Double on chart plate
98	−27°	6657 q	24.8	−27	38.2	8.5	∧ ∪
99	−27°	6651 q	24.5	−27	42.0	7.0	∧ ∪
100	−27°	6645 q	24.1	−27	54.1	8.5	∧ ∪
101	−27°	6622 q	23.0	−27	26.1	8.5	∧ ∪
102	−27°	6603 q	22.0	−27	51.1	8.1	∧ ∪
103	−27°	6592 q	21.2	−27	49.6	8.3	∧ ∪
104	−28°	7271 q	21.3	−28	14.9	6.5	∧ ∪
105	−28°	7268 q	21.3	−28	37.0	8.8	∧ ∪
106	−28°	7264 q	21.0	−28	54.3	8.2	∧ ∪
107	−29°	7463 q	20.9	−29	8.9	8.5	∧ ∪
108	−29°	7459 q	20.8	−29	29.9	7.6	∧ ∪

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1913phae.proj.2157C

Monday October 20, 1913

B 13281 Ghost

No.	Int.	Class	Remark
109	2	A	Partly superposed on 110
110	4	F0	
111	4	K2	
112	3	K2	
113	5	K5	
114	2	K0	
115	1	K5	
116	3	K0	
117	2	F5	
118	2	A0	
119	1	A2	
120	2	K5	
121	1	A3	
122	1	K5	
123	1	K5	
124	2	F5	
125	2	F8	
126	4	F2	
127	1	K0	
128	3	A0	
129	1	F	
130	3	F8	
131	2	F5	
132	1	K2	
133	2	F8	
134	7	K0	
135	5	F5	

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1913phae..proj..21576

109	−28°	7251 q	20.3 − 28	47.6	8.5 ∧ ∪
110	−28°	7250 q	20.3 − 28	48.0	8.8 ∧ ∪
111	−28°	7238 q	19.9 − 28	27.0	7.6 ∧ ∪
112	−28°	7223 q	19.1 − 28	31.5	8.1 ∧ ∪
113	−28°	7219 q	19.0 − 28	38.3	7.2 ∧ ∪
114	−28°	7203 q	18.1 − 28	32.5	8.5 ∧ ∪
115	−28°	7199 q	17.9 − 28	34.5	8.1 ∧ ∪
116	−28°	7194 q	17.7 − 28	45.3	8.1 ∧ ∪
117	−28°	7200 q	17.9 − 28	6.1	9.0 ∧ ∪
118	−29°	7392 q	17.4 − 29	20.2	8.9 ∧ ∪
119	−29°	7368 q	15.3 − 29	17.5	9.0 ∧ ∪
120	−29°	7366 q	15.2 − 29	21.9	8.0 ∧ ∪
121	−29°	7354 (60) q	14.8 (8) − 29	21.5 (1.2)	9.0 (8.7) ∧ ∪
122	−29°	7348 q	14.1 − 29	11.2	8.3 ∧ ∪
123	−29°	7347 q	14.0 − 29	15.5	8.7 ∧ ∪
124	−29°	7354 q	14.3 − 29	21.5	9.0 ∧ ∪
125	−29°	7297 q	11.5 − 29	59.2	8.9 ∧ ∪
126	−29°	7401 q	17.9 − 29	57.1	8.3 ∧ ∪
127	−29°	7411 q	18.2 − 29	38.2	8.7 ∧ ∪
128	−29°	7424 q	18.9 − 29	53.4	9.0 ∧ ∪ −29° 7425 magn. 9.3 superposed
129	−29°	7431 q	19.3 − 29	45.1	9.0 ∧ ∪
130	−29°	7481 q	22.2 − 29	20.7	8.5 ∧ ∪
131	−29°	7494 q	23.2 − 29	14.3	8.7 ∧ ∪
132	−28°	7293 q	22.3 − 28	21.5	8.1 ∧ ∪
133	−28°	7316 q	23.6 − 28	30.4	8.7 ∧ ∪
134	−28°	7336 q	24.6 − 28	3.1	7.2 ∧ ∪
135	−28°	7347 q	25.2 − 28	3.6	8.7 ∧ ∪

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1913phae.proj.2157C

Monday October 20, 1913

B13281 short.

No.	Int.	class	Remark
136	9	K0	
137	5	F0	
138	9	F0	
139	2	K2	
140	4	G5	
141	2	A0	
142	2	A3	
143	2	A5	
144	4	F8	
145	1	K0	
146	3	F5	
147	5	A0	
148	1	K0	
149	6	A2	
150	1	K0	
151	6	A5	
152	2	K0	
153	5	A0	
154	1	F	
155	1	K0	
156	1	K0	
157	1	K0	
158	3	K5	
159	1	K5	
160	2	A5	
161	1	G5	
162	1	F8	

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1913phae.proj.2157C

136	−28°	7348	q	25.2	−28	13.2	7.0	∧ ∪
137	−28°	7369	q	26.6	−28	28.9	8.0	∧ ∪
138	−28°	7373	q	26.9	−28	5.1	6.9	∧ ∪
139	−27°	6674	q	25.8	−27	35.9	7.8	∧ ∪
140	−27°	6682	q	26.5	−27	39.6	8.1	∧ ∪
141	−27°	6695	q	27.2	−27	52.6	9.5	∧ ∪
142	−28°	7387	q	27.6	−28	15.9	8.6	∧ ∪
143	−28°	7385	q	27.4	−28	21.5	9.0	∧ ∪
144	−28°	7400	q	28.4	−28	13.5	8.4	∧ ∪
145	−28°	7403	q	28.7	−28	0.1	8.6	∧ ∪
146	−27°	6727	q	29.4	−27	49.1	8.7	∧ ∪
147	−28°	7417	q	29.5	−28	18.6	8.3	∧ ∪
148	−27°	6722	q	28.9	−27	37.6	8.2	∧ ∪
149	−27°	6758	q	31.0	−27	24.9	7.7	∧ ∪
150	−27°	6757	q	31.0	−27	32.4	8.5	∧ ∪
151	−27°	6771	q	31.8	−27	57.6	8.3	∧ ∪
152	−28°	7465	q	32.0	−28	3.9	8.3	∧ ∪
153	−27°	6788	q	33.0	−27	25.5	8.2	∧ ∪
154	−27°	6781	q	32.5	−27	14.0	8.7	∧ ∪
155	−27°	6828	q	35.5	−27	17.1	8.2	∧ ∪
156	−26°	7354	q	36.9	−26	52.3	8.9	∧ ∪
157	−26°	7360	q	37.2	−26	32.3	8.5	∧ ∪
158	−28°	7510	q	34.3	−28	20.3	7.7	∧ ∪
159	−28°	7525	q	35.4	−28	17.2	8.5	∧ ∪
160	−28°	7536	q	36.1	−28	48.6	9.0	∧ ∪
161	−28°	7523	q	35.0	−28	58.3	8.8	∧ ∪
162	−29°	7676	q	34.1	−29	0.8	8.9	∧ ∪

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1913phae.proj.2157C

Monday October 20, 1913

B13281 plate

No.	Int.	class	Remark
163	6	K0	
164	7	a2	
165	5	K5	
166	3	a2	
167	2	a2	
168	7	K0	
169	3	a2	
170	1	a3	
171	1	a	
172	7	K0	
173	8	a2	
174	4	a0	
175	3	F8	
176	1	K0	
177	1	F8	
178	1	a	Partly superposed on 177
179	7	a2	
180	4	a0	
181	2	a0	
182	2	F2	
183	2	a0	
184	2	K0	
185	2	a5	
186	3	a0	
187	4	K5	
188	2	K0	
189	1	K0	

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1913phae.proj.2157C

163	−29°	7678 q	34.1 −29	17.9	7.5 ∧ ∨
164	−29°	7686 q	34.6 −29	55.9	8.0 ∧ ∨
165	−30°	7775 q	34.8 −30	21.0	7.5 ∧ ∨
166	−30°	7778 q	35.1 −30	10.0	8.7 ∧ ∨
167	−29°	7697 q	35.4 −29	59.4	8.7 ∧ ∨
168	−29°	7712 q	36.4 −29	44.8	7.0 ∧ ∨
169	−29°	7711 q	36.4 −29	31.8	9.0 ∧ ∨
170	−29°	~~7579~~ 7705 q	~~28.6~~ 35.8 −29	~~11.0~~ 23.6	8.7 ∧ ∨
171	−29°	7699 q	35.5 −29	22.3	9.0 ∧ ∨
172	−29°	7641 q	32.0 −29	13.9	7.2 ∧ ∨
173	−29°	7637 q	31.8 −29	38.8	7.5 ∧ ∨
174	−28°	7460 q	31.8 −28	50.3	8.5 ∧ ∨
175	−28°	7448 q	31.0 −28	45.0	8.1 ∧ ∨
176	−28°	7439 q	30.5 −28	50.9	8.2 ∧ ∨
177	−28°	7442 q	30.8 −28	29.0	8.5 ∧ ∨
178	−28°	7447 q	30.9 −28	25.0	9.3 ∧ ∨
179	−29°	7579 q	28.6 −29	11.0	8.1 ∧ ∨
180	−29°	7582 q	28.7 −29	21.0	8.8 ∧ ∨ −29° 7580 magn. 9.6 Superposed
181	−29°	7585 q	28.9 −29	21.0	8.7 ∧ ∨
182	−29°	7594 q	29.3 −29	32.3	8.4 ∧ ∨
183	−29°	7599 q	29.7 −29	52.4	8.8 ∧ ∨
184	−30°	7667 q	28.6 −30	17.7	8.0 ∧ ∨
185	−28°	7339 q	24.8 −28	44.0	8.7 ∧ ∨
186	−29°	7522 q	25.0 −29	16.6	8.5 ∧ ∨
187	−29°	7516 q	24.8 −29	36.0	7.6 ∧ ∨
188	−29°	7525 q	25.2 −29	50.1	8.7 ∧ ∨
189	−29°	7532 q	26.1 −29	58.6	9.1 ∧ ∨

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1913phae.proj.2157C

Monday October 20, 1913

B13281 phot

	No.	Int.	Class	Remark
	190	1	K0	
	191	1	K0	
	192	2	A5	
	193	2	A0	
	194	2	K0	
	195	2	F5	The s.p. of Nov.
	196	1	K0	
	197	1	F5	
	198	1	A0	
	199	1	G5	
	200	2	A2	
	201	1	K0	
11.20	202	2	F8	
Sat. Dec. 20, 13	203	2	F8	
10.35	204	2	G0	
	205	8	F8	
	206	3	A0	
	207	5	F5	
	208	2	G5	
	209	4	F8	
	210	2	F0	
	211	2	A0	
	212	2	K2	
	213	2	A5	
10:39	214	1	K0	Partly sup. on 213
	215	2	F8	
	216	2	F2	

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1913phae.proj.2157c

190	−30°	7637	q	26.7	−30	2.7	8.6	∧ ∨
191	−30°	7655	q	28.0	−30	6.7	8.7	∧ ∨
192	−30°	7636	q	26.7	−30	32.6	9.3	∧ ∨
193	−30°	7601	q	24.3	−30	28.3	8.7	∧ ∨
194	−30°	7584	q	22.9	−30	34.6	8.6	∧ ∨
195	−29°	7448	q	20.1	−29	59.6	8.7	∧ ∨ −29° 7450 q 20.2 −29 57.1 magn. 9.1 superposed
196	−30°	7487	q	17.6	−30	25.7	8.4	∧ ∨
197	−29°	7505	q	23.9	−29	27.0	8.5	∧ ∨
198	−29°	7507	q	24.0	−29	30.6	8.8	∧ ∨
199	−30°	7691	q	30.1	−30	12.3	8.8	∧ ∨
200	−30°	7731	q	32.5	−30	19.3	9.0	∧ ∨
201	−30°	7741	q	32.9	−30	22.4	9.0	∧ ∨
202	−29°	7646	q	32.2	−29	38.3	8.9	∧ ∨
203	−27°	6918	q	40.6	−27	59.6	8.6	∧ ∨
204	−28°	7633	q	42.3	−28	22.4	8.6	∧ ∨
205	−27°	6935	q	42.1	−27	47.6	7.5	∧ ∨
206	−27°	6941	q	42.5	−27	41.1	8.6	∧ ∨
207	−27°	6940	q	42.5	−27	23.5	8.0	∧ ∨
208	−27°	6944	q	42.6	−27	18.4	8.5	∧ ∨
209	−27°	6966	q	43.7	−27	57.6	8.2	∧ ∨
210	−27°	6985	q	45.2	−27	32.0	8.5	∧ ∨
211	−30°	7716	q	31.4	−30	42.4	8.6	∧ ∨
212	−30°	7686	q	29.8	−30	52.6	9.0	∧ ∨
213	−27°	6915	q	40.4	−27	14.7	9.1	∧ ∨
214	−27°	6916	q	40.6	−27	16.4	8.4	∧ ∨
215	−26°	7476	q	45.8	−26	50.3	8.0	∧ ∨
216	−26°	7478	q	45.9	−26	20.1	8.6	∧ ∨

Cards made out by S.R.B. Identified by A.J.C. Jan. 14, 1914

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1913phae.proj.2157C

Tuesday October 21, 1913

10.50

B 2219 20 shot.

No.	Int.	Class	Remark
1	7	Ko	
2	1	G	
3	3	F2	
4	8	F2	
5	6	Ko	
6	1	Ko	
7	3	K5	
8	2	G5	
9	3	A2	
10	4	Ko	
11	6	Ko	
12	3	K2	
13	1	K2	
14	2	F5	
15	2	Ao	
16	1	G5	
17	6	Go	
18	1	Ko	
19	7	Ao	
20	3	Ko	
21	7	B8	
22	2	Go	
23	7	B9	
24	5	Fo	
25	10	F5	
26	1	Ao	
27	3	G5	

Cont. on page 44

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1913phae.proj.21576

1	-24°	8992	10	15.5	-24	44.0	6.8	1 ✓
2	-24°	9000	10	16.1	-24	57.4	9.1	1 ✓
3	-25°	7990	10	17.4	-25	3.2	8.8	1 –
4	-25°	7994	10	17.7	-25	25.9	7.4	1 ✓
5	-24°	9035	10	18.6	-24	56.0	7.3	1 ✓
6	-24°	9039	10	18.9	-24	47.1	8.6	1 ✓
7	-24°	9040	10	19.0	-24	20.0	7.8	1 –
8	-24°	9055	10	20.3	-24	49.4	8.8	1 ✓
9	-24°	9059	10	20.6	-24	43.0	9.1	1 ✓
10	-25°	8036	10	20.3	-25	4.6	8.4	1 ✓
11	-25°	8022	10	19.2	-25	44.9	7.2	1 ✓
12	-25°	8024	10	19.5	-25	57.3	8.0	1 ✓
13	-25°	8035	10	20.2	-25	30.6	8.7	1 –
14	-26°	7924	10	21.6	-26	0.8	9.0	1 ✓
15	-25°	8056	10	22.3	-25	33.6	9.4	1 ✓
16	-25°	8059	10	22.5	-25	30.6	9.2	1 ✓
17	-25°	8055	10	22.3	-25	10.2	8.1	1 ✓
18	-24°	9094	10	23.2	-24	56.0	8.8	1 ✓
19	-24°	9098	10	23.8	-24	26.0	8.6	1 ✓
20	-24°	9108	10	24.4	-24	14.3	8.4	1 ✓
21	-24°	9110	10	24.9	-24	35.0	8.3	1 ✓
22	-25°	8076	10	24.2	-25	19.2	8.9	1 ✓
23	-25°	8087	10	25.0	-25	27.4	8.3	1 ✓
24	-25°	8088	10	25.3	-25	21.1	8.5	1 ✓
25	-25°	8084	10	25.0	-25	51.1	6.6	1 ✓
26	-25°	8085	10	25.0	-25	59.1	9.4	1 ✓
27	-26°	7972	10	25.2	-26	13.6	9.0	1 ✓

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1913phae.proj.2157C

Monday October 20. 1913

11.30 B13047 short.

No.	Int.	class	Remark
1	6	a_0	
2	1	a_0	
3	1	K5	
4	2	a_0	
5	2	a_2	
6	6	f_2	
7	10	a	
8	2	K_0	
9	3	a_2	
10	10	a_3	
11	3	a_0	
12	4	a_2	
13	2	a_0	
14	5	F5	
15	3	K_0	Partly superposed on 14
16	2	a_0	
17	7	a_3	Maybe Comp. Look up.
18	5	K_0	
19	2	K_0	
20	2	G5	
21	3	a_0	
22	9	K_0	
23	2	K5	
24	5	a_2	
25	1	G5	
26	2	F5	
27	2	K_0	

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1913phae.proj.21576

1	−30°	7551	9	20.6	−30	50.2	7.6	1 ✓
2	−31°	7271	9	21.1	−31	5.1	8.7	1 ✓
3	−30°	7575	9	22.2	−30	57.9	7.7	1 ✓
4	−31°	7322	9	23.6	−31	7.6	9.0	1 ✓
5	−31°	7337	9	24.6	−31	0.3	8.8	1 ✓
6	−30°	7611	9	25.0	−30	59.9	7.3	1 ✓
7	−31°	7355	9	25.4	−31	20.5	5.6	1 ✓
8	−31°	7352	9	25.1	−31	33.8	8.5	1 ✓
		7365	9	26.0	−31	24.5	9.0	
9	−31°	~~7360~~	~~9~~	~~25.7~~	~~−31~~	~~27.6~~	~~8.5~~	✓
10	−31°	7369	9	26.2	−31	19.2	6.3	1 ✓
11	−31°	7372	9	26.4	−31	15.2	9.0	1 ✓
12	−31°	7375	9	26.7	−31	41.9	7.8	1 ✓
13	−31°	7396	9	27.9	−31	41.9	8.5	1 ✓
14	−31°	7407	9	28.6	−31	24.9	8.0	1 ✓
15	−31°	7409	9	28.7	−31	28.2	8.0	1 ✓
16	−31°	7434	9	30.5	−31	9.8	9.5	1 ✓
17	−30°	7704	9	30.7	−30	40.4	7.8	1 ✓ Only one star on chart plate B 27320. Only one in ecliptic
18	−30°	7725	9	31.9	−30	24.7	7.2	1 ✓
19	−30°	7728	9	32.4	−30	7.3	8.0	1 ✓
20	−31°	7455	9	31.7	−31	20.1	9.0	1 ✓
21	−31°	7446	9	31.3	−31	41.2	8.6	1 ✓
22	−31°	7458	9	31.8	−31	36.8	6.2	1 ✓
23	−32°	6498	9	27.8	−32	30.9	8.0	1 ✓
24	−32°	6510	9	28.6	−32	23.5	8.0	1 ✓
25	−31°	7251	9	20.2	−31	43.2	8.7	1 ✓
26	−31°	7261	9	20.6	−31	38.2	8.9	1 ✓
27	−31°	7262	9	20.6	−31	54.1	8.0	1 ✓

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1913phae.proj.2157C

Monday October 20, 1913

B 13047 shirt.

No.	Int.	Class	Remark
28	1	F8	
29	1	K2	
30	1	K0	
31	4	A0	
32	2	K5	
33	6	K0	
34	1	A	
35	1	K0	
36	2	G5	
37	1	G5	
38	1	K0	
39	3	A0	
40	4	F0	
41	1	F5	Partly superposed on 40
42	1	K2	
43	4	A0	
44	8	B9	
45	3	A2	Another star superposed on N.f. side.
46	2	A5	
47	9	A0	
48	7	A2	
49	3	A0	
50	4	A2	
51	1	K	
52	5	A5	
53	2	F0	Partly superposed on 52
54	1	K5	

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1913phae.proj.2157C

28	−32°	6381	q	20.4	−32	13.2	8.8	∧ ∨
29	−32°	6343	q	18.8	−32	18.9	8.7	∧ ∨
30	−32°	6322	q	17.3	−32	4.7	8.9	∧ ∨
31	−32°	6407	q	22.1	−32	21.0	8.5	∧ ∨
32	−32°	6441	q	24.5	−32	45.5	8.1	∧ ∨
33	−32°	6450	q	25.1	−32	51.5	7.0	∧ ∨
34	−32°	6453	q	25.2	−32	26.2	8.7	∧ ∨
35	−32°	6477	q	26.3	−32	59.2	8.3	∧ ∨
36	−32°	6482	q	26.8	−32	53.2	8.6	∧ ∨
37	−33°	6150	q	26.7	−33	2.6	8.8	∧ ∨
38	−33°	6144	q	26.3	−33	28.6	8.5	∧ ∨
39	−33°	6157	q	27.3	−33	27.1	9.1	∧ ∨
40	−33°	6174	q	29.1	−33	10.1	8.3	∧ ∨
41	−33°	6175	q	29.1	−33	6.7	9.1	∧ ∨
42	−33°	6204	q	31.1	−33	2.6	8.3	∧ ∨
43	−32°	6563	q	31.4	−32	46.3	8.3	∧ ∨
44	−33°	6183	q	29.7	−33	48.9	7.1	∧ ∨
45	~~−32°~~ −33°	~~6667~~ 6239	q	~~37.5~~ 33.6	~~−32~~ −33	~~49.8~~ 11.6	~~7.7~~ 8.7	∧ ∨ 6240 superposed magn. 9.1
46	−33°	6266	q	35.2	−33	16.3	8.5	∧ ∨
47	−32°	6646	q	36.1	−32	49.8	7.0	∧ ∨
48	−32°	6667	q	37.5	−32	49.8	7.7	∧ ∨
49	−32°	6685	q	38.7	−32	33.1	8.6	∧ ∨
50	−31°	7537	q	36.4	−31	36.7	8.3	∧ ∨
51	−31°	7529	q	35.4	−31	48.8	8.5	∧ ∨
52	−32°	6617	q	34.5	−32	21.2	8.3	∧ ∨
53	−32°	6613	q	34.4	−32	22.2	9.0	∧ ∨
54	−32°	6641	q	35.8	−32	21.2	8.1	∧ ∨

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1913phae.proj.2157C

Monday October 20, 1913

B 13047 short

	No.	Int.	Class	Remarks
	55	1	K5	
	56	2	B8	
	57	3	Go	
	58	1	A	
	59	3	F5	
	60	1	Ko	
	61	4	Ao	
	62	7	Ao	
	63	1	A	
	64	2	Ao	
	65	2	Go	
	66	1	A5	
	67	1	A	
11.40	68	1	K	
	69			
	70			

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1913phae.proj.2157C

55	− 32°	6657 q	36.7	− 32	3.5	8.0 ✓ ✓
56	− 31°	~~7493 q~~ 7502 q	~~34.0~~ 34.5	~~− 31~~ − 31	~~42.7~~ 34.8	~~8.6~~ 9.1 ✓
57	− 31°	7485 q	33.4	− 31	45.7	8.4 ✓
58	− 31°	7526 q	35.8	− 31	1.1	8.8 ✓
59	− 33°	6318 q	39.0	− 33	16.9	8.0 ✓
60	− 33°	6335 q	39.9	− 33	5.6	8.3 ✓
61	− 33°	6337 q	40.0	− 33	13.6	8.1 ✓
62	− 32°	6725 q	40.9	− 32	56.2	7.0 ✓
63	− 33°	6245 q	33.9	− 33	45.2	9.0 ✓
64	− 33°	6244 q	33.9	− 33	52.4	8.6 ✓
65	− 34°	6065 q	35.0	− 34	36.5	8.5 ✓
66	− 34°	6086 q	36.4	− 34	17.6	8.7 ✓
67	− 34°	6089 q	36.8	− 34	16.0	8.8 ✓
68	− 34°	6115 q	38.7	− 34	31.1	8.3 ✓

b

Identified by Amc. Nov. 29, 1913
Checked Feb. 7th 1914 HDW
Cards made out by G.R.B.
Cards checked by Amc.

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Cont from page 36 B22920 short

No.	Int.	Class	Remark
28	4	Ko	
29	3	Ko	
30	2	F5	
31	4	F2	
32	1	G5	
33	3d.	Ao	
34	5	F5	
35	6	K5	
36	3	Go	
37	8	Ao	
38	3	Fo	
39	1	Ao	
40	1	Ko	
41	2	F8	
42	6	K2	
43	1	F5	
44	1	G	
45	10	F8	
46	8	B9	
47	1	G5	
48	7	K2	
49	10+	K5	
50	7	Ao	
51	3	F5	
52	2	G5	
53	4	F5	
54	2	F2	

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1913phae.proj.2157C

28	−26°	7950	10	23.4	−26	13.9	8.1	∧ ∨
29	−26°	7942	10	22.8	−26	43.1	8.4	∧ ∨
30	−26°	7960	10	24.1	−26	34.9	9.3	∧ ∨
31	−26°	7962	10	24.4	−26	53.0	8.5	∧ ∨
32	−26°	7968	10	24.6	−26	24.0	9.0	∧ ∨
33	−27°	7497	10	25.5	−27	0.0	8.5	∧ ∨
34	−26°	7985	10	26.4	−26	22.0	8.3	∧ ∨
35	−25°	8104	10	27.0	−25	58.1	7.5	∧ ∨
36	−26°	7997	10	27.4	−26	9.4	8.8	∧ ∨
37	−26°	8000	10	27.5	−26	9.1	8.3	∧ ∨
38	−25°	8108	10	27.6	−25	49.0	8.8	∧ ∨
39	−25°	8116	10	28.6	−25	41.3	8.0	∧ ∨
40	−25°	8122	10	29.1	−25	44.6	7.6	∧ ∨ −25° 8121 mag 9.2 superposed
41	−26°	8007	10	28.3	−26	26.4	9.0	∧ ∨
42	−26°	8002	10	28.0	−26	42.0	7.3	∧ ∨
43	−26°	8012	10	28.7	−26	10.6	9.2	∧ ∨
44	−25°	8118	10	28.7	−25	59.6	9.5	∧ ∨
45	−26°	8022	10	30.2	−26	1.2	6.6	∧ ∨
46	−26°	8025	10	30.5	−26	5.1	8.0	∧ ∨
47	−26°	8024	10	30.4	−26	27.4	9.1	∧ ∨
48	−27°	7567	10	30.8	−27	0.0	7.0	∧ ∨
49	−26°	8033	10	31.4	−26	46.0	5.3	∧ ∨
50	−27°	7576	10	31.8	−27	24.6	7.8	∧ ∨
51	−27°	7584	10	32.6	−27	27.5	8.4	∧ ∨
52	−27°	7585	10	32.6	−27	33.5	8.1	∧ ∨
53	−27°	7597	10	33.5	−27	18.0	8.3	∧ ∨
54	−26°	8060	10	33.9	−26	49.0	9.0	∧ ∨

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1913phae.proj.2157C

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B 2 2 9 2 0 shorts.

No.	Dist.	class	Remark
55	1.	K0	
56	1	G0	
57	1	K5	
58	6.	F0	
59	8	F5	
60	3	A2	
61	1	F2	
62	3	G0	
63	2.	G0	
64	2	K0	
65	2	F8	
66	1	G0	
67	4	A2	
68	4	F5	
69	6	F0	
70	1	K0	
71	1	K5	
72	2	G0	
73	2	G5	
74	1	G5	
75	6	K0	
76	3	K2	
77	2	K0	
78	2	F8	
79	2	K5	
80	1	G0	
81	3	A3	

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1913phae.proj.2157C

55	−26°	8067	10	33.7	−26	36.9	9.0 ∧ ∨
56	−26°	8064	10	33.5	−26	9.6	9.0 ∧ ∨
57	−26°	8063	10	33.3	−26	1.1	8.5 ∧ ∨
58	−25°	8172	10	33.5	−25	39.3	8.5 ∧ ∨
59	−25°	8168	10	33.2	−25	12.0	9.3 ∧ ∨
60	−25°	8163	10	32.6	−25	27.0	8.8 ∧ ∨
61	−25°	8155	10	32.2	−25	40.3	9.3 ∧ ∨
62	−25°	8151	10	31.7	−25	56.1	8.8 ∧ ∨
63	−26°	8031	10	31.1	−26	2.1	9.3 ∧ ∨
64	−25°	8148	10	31.3	−25	39.3	8.9 ∧ ∨
65	−25°	8146	10	31.2	−25	20.3	9.1 ∧ ∨
66	−25°	8137	10	30.4	−25	30.3	9.1 ∧ ∨
67	−25°	8138	10	30.6	−25	12.3	9.0 ∧ ∨
68	−24°	9170	10	29.3	−24	49.0	8.7 ∧ ∨
69	−24°	9165	10	28.9	−24	27.0	8.1 ∧ ∨
70	−24°	9152	10	27.7	−24	57.4	8.9 ∧ ∨
71	−24°	9144	10	27.3	−24	51.0	8.5 ∧ ∨
72	−24°	9143	10	27.2	−24	56.8	8.6 ∧ ∨
73	−24°	9138	10	27.0	−24	30.0	8.5 ∧ ∨
74	−24°	9137	10	26.9	−24	34.0	8.7 ∧ ∨
75	−23°	9362	10	26.4	−23	53.2	8.1 ∧ ∨
76	−23°	9356	10	26.1	−23	54.5	8.3 ∧ ∨
77	−26°	7895	10	18.9	−26	17.3	8.9 ∧ ∨
78	−26°	7912	10	19.9	−26	21.2	9.1 ∧ ∨
79	−26°	7913	10	20.2	−26	20.6	8.6 ∧ ∨
80	−26°	7918	10	20.6	−26	27.2	9.4 ∧ ∨
81	−26°	7920	10	20.8	−26	30.6	9.0 ∧ ∨

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B 2229 21 short

No.	Int.	Class	Remarks
82	1	K	
83	4	K5	
84	1	K5	
85	5	g_0	
86	4	a_2	
87	4	K0	
88	5	F8	
89	4	a_0	
90	3	a_3	Partly superposed on 91
91	9	K0	
92	1	g_5	
93	H	a_0	
94	6	F8	
95	4	K2	
96	2	g_0	
97	10+	F8	
98	2	g_5	
99	3	F8	
100	1	g	
101	1	a_0	
102	1	K0	
103	2	K0	
104	1	K5	
105	2	a_5	
106	3	g_0	
107	2	g_5	
108	2	K0	

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1913phae.proj.2157C

82	−26°	7925	10	21.6	−26	36.2	8.8 ∧ ∪
83	−27°	7476	10	23.3	−27	50.6	7.7 ∧ ∪
84	−27°	7468	10	22.8	−27	58.9	8.1 ∧ ∪
85	−28°	8211	10	23.3	−28	16.6	8.6 ∧ ∪
86	−28°	8202	10	22.6	−28	52.4	8.6 ∧ ∪
87	−29°	8360	10	22.3	−29	3.3	8.2 ∧ ∪
88	−29°	8371	10	23.0	−29	5.4	8.5 ∧ ∪
89	−28°	8212	10	23.3	−28	56.4	8.9 ∧ ∪
90	−28°	8216	10	23.7	−28	54.6	9.0 ∧ ∪
91	−29°	8381	10	23.7	−29	1.4	6.0 ∧ ∪
92	−28°	8217	10	23.8	−28	27.0	8.9 ∧ ∪
93	−28°	8246	10	26.4	−28	37.7	8.8 ∧ ∪
94	−28°	8251	10	26.7	−28	24.3	7.8 ∧ ∪
95	−28°	8252	10	26.7	−28	51.0	8.0 ∧ ∪
96	−27°	7508	10	26.2	−27	49.2	8.8 ∧ ∪
97	−27°	7503	10	26.0	−27	35.7	6.5 ∧ ∪
98	−27°	7524	10	27.7	−27	11.0	8.3 ∧ ∪
99	−27°	7527	10	27.9	−27	49.2	8.2 ∧ ∪
100	−28°	8282	10	28.8	−28	26.9	9.1 ∧ ∪
101	−28°	8290	10	29.6	−28	25.6	9.2 ∧ ∪
102	−28°	8267	10	27.9	−28	57.5	9.1 ∧ ∪
103	−28°	8270	10	28.2	−28	53.8	8.9 ∧ ∪
104	−28°	8281	10	28.8	−28	58.4	8.7 ∧ ∪
105	−28°	~~8293~~ 8297	~~10~~ 10	~~29.9~~ 29.8	~~−28~~ −28	~~51.4~~ 56.4	~~9.4~~ 9.5 ∪
106	−28°	8301	10	30.3	−28	54.4	8.6 ∧ ∪
107	−29°	8469	10	30.9	−29	3.4	9.0
		~~8470~~	~~10~~	~~30.9~~	~~−29~~	~~53.9~~	~~8.3~~ ∪
108	−28°	8310	10	31.3	−28	32.3	8.9 ∧ ∪

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1913phae.proj.2157C

Tuesday October 21, 1913

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No.	Dur.	Class	Remark
109	4	A_2^2	
110	4½	K0	
111	4	K2	
112	6	A2	
113	3	A5	
114	2	F2	
115	3	K5	
116	2	F8	
117	4	A2	
118	4	G5 (n.f.)	
119	3	G	Nearly all superposed on 118
120	6	K0	
121	6	G5	
122	3	G5	
123	2	F8	
124	9	A2	
125	3	K2	
126	1	K5	
127	3	G5	
11.15 128	4	K0	
11.20 129	2	G0	
130	3	K5	
131	4	G5	
132	3	G0	
133	2	G5	
134	7	K0	
135	6	K5	

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1913phae.proj.2157C

109	−28°	8348	10	34.1	−28	39.3	8.8	∧ ⌣
110	−29°	8516	10	34.7	−29	5.0	8.2	∧ ⌣
111	−29°	8519	10	35.0	−29	5.0	8.0	∧ ⌣
112	−27°	7615	10	35.4	−27	28.2	8.0	∧ ⌣
113	−26°	8078	10	35.8	−26	58.5	9.0	∧ ⌣
114	−26°	8079	10	36.0	−26	50.0	9.3	∧ ⌣
115	−26°	8083	10	36.4	−26	48.3	8.3	∧ ⌣
116	−26°	8086	10	36.7	−26	51.0	9.1	∧ ⌣
117	−26°	8094	10	37.2	−26	58.8 7.5	9.3 8.6	∧ ⌣
118	−26°	8099	10	37.4	−26	38.9	8.0	∧ ⌣
119	−26°	8098	10	37.4	−26	39.9	9.6	∧ ⌣
120	−26°	8101	10	37.5	−26	9.1	7.9	∧ ⌣
121	−26°	8070	10	34.9	−26	7.6	8.0	∧ ⌣
122	−26°	8077	10	35.6	−26	26.0	8.5	∧ ⌣
123	−25°	8179	10	34.9	−25	49.0	9.0	∧ ⌣
124	−25°	8191	10	35.9	−25	23.7	7.3	∧ ⌣
125	−25°	8199	10	35.9	−25	12.3	8.7	∧ ⌣
126	−25°	8194	10	36.6	−25	36.2	8.7	∧ ⌣
127	−25°	8195	10	36.7	−25	41.2	9.0	∧ ⌣
128	−25°	8200	10	37.2	−25	12.6	7.9	∧ ⌣
129	−24°	9264	10	37.1	−24	51.3	8.9	∧ ⌣
130	−24°	9250	10	36.3	−24	18.0	8.0	∧ ⌣
131	−24°	9268	10	37.6	−24	26.0	8.2	∧ ⌣
132	−24°	9271	10	38.2	−24	43.3	8.5	∧ ⌣
133	−24°	9282	10	39.0	−24	27.0	8.9	∧ ⌣
134	−24°	9289	10	39.6	−24	22.0	7.5	∧ ⌣
135	−24°	9306	10	40.8	−24	53.0	7.4	∧ ⌣

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No.	Dist.	class	Remark
136	8	K0	
137	5	K5	
138	6	K0	
139	2.	F5	
140	1	K2	
141	2	G5	
142	6	F5	
143	4	F0	
144	2	F2	
145	4	A0	
146	7	K0	
147	1	K5	
148	2	F5	
149	4	K5	
150	2	K2	
151	1	K2	
152	8	K0	
153	3	A2.	
154	1	K	
155	2.	K0	
156	4.	K0	
157	2	K5	
~~11.25~~	158	7	K0
159	2	K0	
160	2	F8	
161	3	F8	
162	4	F0	

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1913phae.proj.2157C

136	−25°	8237	10	40.8	−25	24.1	6.9
137	−25°	8238	10	40.8	−25	44.5	7.7
138	−26°	8131	10	40.3	−26	4.1	7.6
139	−26°	8119	10	39.5	−26	13.1	8.9
140	−26°	8112	10	38.9	−26	46.0 ~~9.2~~	9.2
141	−26°	8115	10	39.1	−26	51.0	8.7
142	−26°	8124	10	39.8	−26	51.0	8.0
143	−27°	7643	10	37.3	−27	53.2	8.3
144	−27°	7653	10	38.5	−27	53.2	8.6
145	−27°	7663	10	39.3	−27	40.4	8.8
146	−28°	8394	10	37.6	−28	24.9	7.5
147	−28°	8384	10	36.8	−28	51.0	9.1
148	−28°	8391	10	37.4	−28	44.4	9.0
149	−28°	8392	10	37.5	−28	53.7	8.5
150	−28°	8144	10	17.8	−28	49.4	8.5
151	−28°	8146	10	17.8	−28	56.6	9.2
152	−28°	8164	10	19.6	−28	33.3	7.2
153	−28°	8185	10	21.4	−28	26.0	9.1
154	−28°	8188	10	21.5	−28	21.3	8.8
155	−28°	8189	10	21.6	−28	13.0	8.8
156	−29°	8340	10	20.5	−29	13.4	8.3
157	−29°	8310	10	17.8	−29	27.9	8.7
158	−29°	8314	10	18.1	−29	38.9	8.0
159	−30°	8440	10	19.9	−30	2.3	8.4
160	−29°	8412	10	26.2	−29	53.7	9.0
161	−29°	8436	10	28.0	−29	41.4	8.5
162	−29°	8444	10	28.5	−29	44.8	8.5

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1913phae.proj.2157C

Tuesday October 21, 1913

B 22920 photo

No.	Dur.	Class	Remark
164	3	K2	
164	2	K2	
165	2	K5	
166	3	Q0	
167	2	K	Nearly all superposed on 168
168	2	G	" " " " 167
169	2	G0	
11.30	170	7	K2
	171		

171 2 mb

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1913phae.proj.2157C

163	−30°	8566	10	30.6	−30	9.6	9.0 1 ⌣
164	−30°	8570	10	30.9	−30	21.1	8.6 1 ⌣
165	−29°	8502	10	33.4	−29	13.4	9.1 1 ⌣
166	−29°	8508	10	34.0	−29	8.7	9.0 1 ⌣
167	−29°	8511	10	34.3	−29	10.7	9.0 1 ⌣
168	−29°	8512	10	34.3	−29	12.0	8.9 1 ⌣
169	−29°	8540	10	36.6	−29	37.4	9.0 1 ⌣
170	−29°	8571	10	39.2	−29	1.4	7.1 1 ⌣

Identified by amc. Jan. 24, 1914
Checked Jan. 28 1914 VDW.
Cards made out by G.R.B.
Cards checked by amc.

✓ 171 −23° 9421 10 31.2 −23 1 8.0

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1913phae.proj.2157C

Tuesday October 21, 1913

11.40 T B40303 short.

	No.	Dist.	class	Remarks
✓	1	3	F8	
✓	2	9	A0	
✓	3	2	K5	
✓	4	3	F0	
✓	5	3	K0	
✓	6	2	F8	
✓	7	3	K0	
✓	8	4	F8	
✓	9	8	F8	
✓	10	3	K5	
✓	11	3	G5	
✓	12	4	K0	
✓	13	6	K0	
✓	14	2	F5	
✓	15	3	K0	
✓	16	1	K0	
✓	17	3	A2	Another star superposed at north
✓	18	2	G5	
✓	19	1	G5	
✓	20	4	Ma	
✓	21	2	K0	
✓	22	3	F5	
✓	23	2	K2	
✓	24	4	K0	
✓	25	1	K2	
✓	26	6	G5	Another star superposed at N.
✓	27	2	F8	

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1913phae.proj.2157C

1	−24°	8692	9	56.8	−24	52	8.4 ✓
2	−24°	8711	9	57.9	−24	42	6.8 ✓
3	−24°	8716	9	58.2	−24	52	8.5 ✓
4	−24°	8740	9	59.6	−24	43	8.9 ✓
5	−25°	7745	9	59.7	−25	5	8.2 ✓
6	−25°	7750	10	0.2	−25	14	8.8 ✓
7	−24°	8762	10	0.8	−24	43	8.5 ✓
8	−24°	8759	10	0.6	−24	8	8.7 ✓
9	−24°	8765	10	1.1	−24	6	7.3 ✓
10	−24°	8775	10	1.6	−24	19	8.3 ✓
11	−24°	8784	10	2.0	−24	32	8.5 ✓
12	−24°	8787	10	2.2	−24	21	8.4 ✓
13	−24°	8801	10	2.9	−24	22	7.9 ✓
14	−24°	8805	10	3.1	−24	16	8.9 ✓
15	−24°	8807	10	3.2	−24	27	8.2 ✓
16	−24°	8802	10	3.0	−24	32	8.6 ✓
17	−25°	7787	10	2.9	−25	4	8.8 ✓ −25° 7788 sup. 8.8
18	−25°	7793	10	3.3	−25	10	8.9 ✓
19	−24°	8819	10	4.1	−24	46	9.5 ✓
20	−24°	8833	10	5.1	−24	49	7.6 ✓
21	−24°	8841	10	5.6	−24	34	8.6 ✓
22	−24°	8845	10	5.7	−24	46	8.6 ✓
23	−24°	8859	10	6.4	−24	18	8.6 ✓
24	−24°	8864	10	6.8	−24	31	8.1 ✓
25	−23°	9095	10	6.4	−23	29	8.7 ✓
26	−22°	2844	10	2.4	−22	51	8.0 ✓
27	−23°	9044	10	3.4	−23	18	8.6 ✓

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1913phae.proj.2157C

Tuesday October 21, 1913

B40303

	No.	Int.	Class	Remark
✓	28	4	A5	
✓	29	1	K2	
✓	30	3	A2	
✓	31	2	A2	
✓	32	2	A0	
✓	33	1	F0	
✓	34	8	Ma	
✓	35	6	K0	
✓	36	4	F0	
✓	37	3	A0	
✓	38	1	K2	
✓	39	6	K0	
✓	40	3	B0	
11.45	✓	41	7	A3
Fri. Dec. 19, 1913	✓	42	6	B5
9.18	✓	43	5	F5
	✓	44	5	Ma
	✓	45	6	B5
	✓	46	4	A3 Partly sup. on 45
	✓	47	3	F8
	✓	48	3	F5
	✓	49	2	F5
	✓	50	1	K5
	✓	51	1	A2
	✓	52	2	K2
	✓	53	1	F8
	✓	54	6	F8

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1913phae.proj.2157C

28	−23°	9051	10	3.9	−23	16	8.2	✓
29	−28°	~~9059~~ 2849	10	~~4.3~~ 3.4	−23	56	8.7	✓
30	−28°	~~9063~~ 2850	10	~~4.4~~ 3.5	−23	59	8.9	✓
31	−23°	9075	10	5.2	−23	15	9.1	✓
32	−23°	9080	10	5.6	−23	16	9.0	✓
33	−23°	9100	10	7.0	−23	12	9.2	✓
34	−23°	9119	10	8.3	−23	12	6.8	✓
35	−22°	2869	10	7.1	−22	22	7.5	✓
36	−22°	2874	10	7.9	−22	7	8.8	✓
37	−21°	3018	10	9.2	−21	56	8.9	✓
38	−21°	3021	10	9.8	−21	51	8.9	✓
39	−21°	3022	10	9.8	−21	46	8.0	✓
40	−21°	3024	10	10.9	−21	56	9.2	✓
41	−22°	2889	10	11.5	−22	2	8.3	✓
42	−22°	2891	10	12.0	−22	27	7.5	✓
43	−22°	2892	10	12.3	−22	26	8.5	✓
44	−22°	2894	10	13.4	−22	~~22~~ 14	7.5	✓ −22° 2297 sup. 9.5
45	−22°	2896	10	13.4	−22	22	7.5	✓
46	−22°	2897	10	13.4	−22	26	9.0	✓
47	−22°	2901	10	14.2	−22	6	9.1	✓
48	−21°	3044	10	14.3	−21	13	8.9	✓
49	−21°	3051	10	16.5	−21	33	9.1	✓
50	−21°	3052	10	16.9	−21	27	9.0	✓
51	−21°	3055	10	17.6	−21	54	9.5	✓
52	−21°	3056	10	17.6	−21	44	9.0	✓
53	−22°	2909	10	16.4	−22	6	9.2	✓
54	−22°	2910	10	16.8	−22	44	7.8	✓

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1913phae.proj.2157C

Friday, December 19, 1913

B 40303 short

No.	Int.	Class	Remark
✓ 55	1	K5	
✓ 56	2	G0	
✓ 57	2	A0	
✓ 58	2	K0	
✓ 59	1	K0	
✓ 60	1	K0	
✓ 61	1	G0	
✓ 62	1	G5	
✓ 63	1	K2	
✓ 64	2	F	Too much exp. on 65
✓ 65	2	G0	
✓ 66	9	A3	
✓ 67	5	K0	
✓ 68	2	A5	
✓ 69	4	F8	
✓ 70	1	K2	
✓ 71	2	G0	
✓ 72	2	K0	
✓ 73	2	A3	
✓ 74	5	F8	
✓ 75	3	A3	
✓ 76	7	K0	
✓ 77	1	K0	
✓ 78	1	F	
✓ 79	3	A0	
✓ 80	1	A2	
✓ 81	1	G5	

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1913phae.proj.2157C

55	-22°	2914	10	18.4	-22	48	8.8	✓
56	-22°	2919	10	19.5	-22	40	9.0	✓
57	-22°	2921	10	20.4	-22	7	9.5	✓
58	-21°	3065	10	19.7	-21	1	8.9	✓
59	-23°	9289	10	20.6	-23	25	8.8	✓
60	-23°	9291	10	20.7	-23	14	8.9	✓
61	-23°	9299	10	21.9	-23	48	9.4	✓
62	-24°	9083	10	21.9	-24	2	8.6	✓
63	-23°	9312	10	23.0	-23	57	8.7	✓
64								
65	-23°	9237	10	16.8	-23	9	8.9	✓ −23°9236 sup. 8.4
66	-23°	~~9219~~ 2904	10	~~15.6~~ 14.7	-23	59	6.6	✓
67	-23°	~~9206~~ 2899	10	14.7	-23	55	7.8	✓
68	-23°	9201	10	14.3	-23	8	8.8	✓
69	-24°	8971	10	13.9	-24	36	8.7	✓
70	-24°	8969	10	13.6	-24	40	8.6	✓
71	-24°	8962	10	13.2	-24	59	8.7	✓
72	-24°	8941	10	12.1	-24	53	8.6	✓
73	-24°	8947	10	12.5	-24	39	9.0	✓
74	-24°	8934	10	11.5	-24	27	8.5	✓
75	-24°	8928	10	10.9	-24	2	8.6	✓
76	-23°	9159	10	11.7	-23	14	7.3	✓
77	-23°	9169	10	12.5	-23	7	8.7	✓
78	-22°	2888	10	11.1	-22	50	9.4	✓
79	-23°	~~9160~~ 2886	10	10.7	-23	59	~~8.9~~ 9.1	✓
80	-22°	2885	10	10.5	-22	29	9.4	✓
81	-22°	2881	10	9.7	-22	37	9.0	✓

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1913phae.proj.2157C

Friday, December 19, 1913

B40303 short

No.	Int.	Class	Remark
✓ 82	2	F5	
✓ 83	1	K5	
✓ 84	2	K0	
✓ 85	4	K0	
✓ 86	1	K5	Fn Perhaps Me
✓ 87	4	F5	
✓ 88	4	K2	
✓ 89	3	A0	
✓ 90	2	F8	
✓ 91	1	F5	
✓ 92	4	K2	
✓ 93	4	A0	
✓ 94	6	F5	Another star sup. south preceding
✓ 95	7	Ma	
✓ 96	1	G0	
✓ 97	8	F5	
✓ 98	4	F0	
✓ 99	3	K0	
✓ 100	3	K2	
✓ 101	1	K2	
✓ 102	1	F8	
✓ 103	1	F8	
✓ 104	1	K0	
✓ 105	2	K0	
✓ 106	3	A5	
✓ 107	4	K5	
✓ 108	1	F8	

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1913phae.proj.21570

82	−21°	3020	10	9.8	−21	22	9.0	✓
83	−21°	3016	10	8.4	−21	24	9.1	✓
84	−21°	3014	10	8.1	−21	30	8.8	✓
85	−21°	3010	10	7.2	−21	26	8.3	✓
86	−21°	3012	10	7.3	−21	20	8.6	✓
87	−21°	3007	10	5.3	−21	34	8.8	✓
88	−21°	3006	10	5.1	−21	55	8.0	✓
89	−22°	2854	10	3.9	−22	21	9.0	✓
90	−22°	2862	10	5.3	−22	31	9.0	✓
91	−21°	3002	10	4.0	−21	56	9.2	✓
92	−21°	2998	10	2.8	−21	33	8.3	✓
93	−21°	2995	10	1.7	−21	46	9.0	✓
94	−21°	2994	10	1.4	−21	36	8.2	✓ −21° 2993 sup. 9.2
95	−21°	2987	10	0.7	−21	47	7.0	✓
96	−21°	2984	10	0.2	−21	48	9.0	✓
97	−22°	2830	9	59.9	−22	26	7.3	✓
98	−22°	2832	10	0.2	−22	50	8.5	✓
99	−23°	9024	10	2.1	−23	26	8.6	✓
100	−23°	9023	10	2.1	−23	46	8.1	✓
101	−23°	9042	10	3.1	−23	52	8.5	✓
102	−23°	9050	10	3.8	−23	36	9.1	✓
103	−23°	9056	10	4.1	−23	22	9.0	✓
104	−24°	8813	10	3.7	−24	15	9.2	✓
105	−23°	9111	10	8.0	−23	38	8.7	✓
106	−23°	9125	10	8.9	−23	57	8.8	✓
107	−24°	8903	10	9.3	−24	22	8.2	✓
108	−24°	8893	10	8.8	−24	30	9.3	✓

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1913phae.proj.2157C

Friday, December 19, 1913

B 40303 short

No.	Int.	Class	Remark
✓ 109	1	K2	
✓ 110	1	K0	
✓ 111	3	F0	
✓ 112	1	F0	
✓ 113	1	K0	
114	1	F5	
✓ 115	2	K0	
✓ 116	1	G5	
✓ 117	1	G5	
✓ 118	1	F0	
✓ 119	4	K5	
✓ 120	4	K5	
✓ 121	5	A0	
✓ 122	1	K0	
✓ 123	1	K0	
✓ 124	10	F0	
✓ 125	3	K0	
✓ 126	1	F2	
✓ 127	3	A2	
✓ 128	2	G0	
✓ 129	1	F8	
✓ 130	4	A3	
✓ 131	3	F8	
✓ 132	2	A2	
✓ 133	6	K0	
✓ 134	2	F5	E
9.33 ✓ 135	6	K5	

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1913phae.proj.21570

109	−24°	8896	10	9.0	−24	47	9.0	✓
110	−24°	8907	10	9.6	−24	44	8.9	✓
111	−25°	7877	10	9.6	−25	8	8.8	✓
112	−25°	7834	10	6.9	−25	9	8.8	✓
113	−21°	3005	10	4.8	−21	18	9.2	✓
114	−21°	3003	10	4.7	−21	18	9.2	✓
115	−22°	2822	9	58.6	−22	0	8.5	✓
116	−22°	2818	9	58.3	−22	17	8.9	✓
117	−22°	2817	9	58.0	−22	14	9.0	✓
118	−22°	2816	9	57.9	−22	12	9.0	✓
119	−21°	2976	9	57.5	−21	52	7.8	✓
120	−21°	2973	9	56.0	−21	24	7.3	✓
121	−23°	9001	9	59.9	−23	34	8.1	✓
122	−23°	9007	10	0.3	−23	21	9.2	✓
123	−23°	8980	9	58.9	−23	25	8.7	✓ −23° 8991 sup. 9.0
124	−23°	8973	9	58.6	−23	41	6.1	✓
125	−23°	8971	9	58.4	−23	31	8.3	✓
126	−23°	8974	9	58.6	−23	19	9.2	✓
127	−23°	8951	9	57.2	−23	50	8.8	✓
128	−24°	8707	9	57.6	−24	5	8.6	✓
129	−24°	8710	9	57.9	−24	29	9.4	✓
130	−25°	7707	9	57.0	−25	55	8.7	✓
131	−26°	7636	9	57.7	−26	7	9.1	✓
132	−25°	7702	9	56.8	−25	52	9.2	✓
133	−25°	7688	9	56.0	−25	52	8.0	✓
134	−26°	7608	9	55.9	−26	4	8.6	✓
135	−25°	7660	9	54.2	−25	49	7.5	✓

Identified on Cards by AMC. June 26, 1914 Identification compared by S.P.B.

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1913phae.proj.2157C

Wednesday Oct. 22, 1913

B 37020 long Bright Stars

10 55

No.	Int.	Class	Remark
1	4	Ma	
2	6	a2	
3	6	F5	
4	6	G5	
5	7	a2	
6	8	Bq	
7	5	G5	
8	7	a5	2
9	3	a2	
10	7	G5	
1m 11	5	F0	
12			
13			
14			

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1913phae.proj.2157C

1	−28°	288	0	49.9	−28	27.4	6.3	∧ ∨
2	−26°	303	0	50.7	−26	2.6	7.1	∧ ∨
3	−25°	338	0	47.1	−25	27.4	6.6	∧ ∨
4	−24°	345	0	43.1	−24	48.6	6.1	∧ ∨
5	−24°	347	0	43.4	−24	2.8	6.5	∧ ∨
6	−22°	134	0	40.8	−22	30.5	6.2	∧ ∨
7	−23°	293	0	40.0	−23	12.4	5.8	∧ ∨
8	−22°	127	0	37.6	−22	48.0	5.5	∧ ∨
9	−26°	196	0	32.7	−26	17.1	8.3	∧ ∨ −26° 195 8.8 6 super posed
10	−25°	225	0	30.9	−25	27.4	5.8	∧ ∨
11	−29°	225	0	42.6	−29	10.4	6.5	∧ ∨

Identified by AMC. Oct. 28, 1913
Checked. Nov. 7. 1913 L D W.
Cards made out by S.R.B.
Cards checked by AMC.

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1913phae.proj.2157C

Wednesday October 22, 1913

12, 35

B24594 phot

No.	Dist.	Class	Remark
1	2	Mb	Cannot find on plate
2	2	A0	
3	3	G5	
4	3	A0	
5	3	A0	
6	4	A3	
7	3	A0	
8	2	A0	
9	2	A2	
10	3	K2	
11	4	A0	
12	2	A2	
13	4	A0	
14	5	A0	
15	4	A0	
16	3	B	Almost cont.
17	2	A0	
18	1	G5	
19	1	K5	
20	2	A0	
21	1	A0	
22	1	C	
23	3	B9	
24	3	A2	
25	1	G5	
26	2	A2	
27	2	K5	

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1913phae.proj.2157C

1								
2	−14°	1885	7	18.3	−14	6.7	9.6	∧ ∨
3	−14°	1889	7	18.9	−14	10.6	9.0	∧ ∨
4	−14°	1892	7	19.4	−14	29.6	9.5	∧ ∨
5	−14°	1895	7	19.7	−14	18.4	9.5	∧ ∨
6	−14°	1908	7	21.0	−14	11.6	9.3	∧ ∨
7	−14°	1912 ~~1910~~	7	21.2 ~~21.0~~	−14 −14	23.1 ~~24.9~~	9.6 ~~9.8~~	∨
8	−14°	1901	7	20.2	−14	59.2	9.5	∧ ∨
9	−15°	1821	7	19.7	−15	15.0	9.8	∧ ∨
10	−15°	1822	7	19.9	−15	29.1	9.3	∧ ∨
11	−15°	1824	7	20.1	−15	18.6	9.2	∧ ∨
12	−15°	1829	7	20.6	−15	16.8	9.8	∧ ∨
13	−15°	1832	7	20.9	−15	13.0	9.1	∧ ∨
14	−15°	1833	7	20.9	−15	26.9	9.4	∧ ∨
15	−15°	1835	7	21.1	−15	25.9	9.3	∧ ∨
16	−15°	1839	7	21.3	−15	5.7	9.0	∧ ∨
17	−14°	1909	7	21.0	−14	53.4	9.5	∧ ∨
18	−14°	1911	7	21.1	−14	54.9	9.4	∧ ∨
19	−15°	1844	7	21.9	−15	15.7	9.4	∧ ∨
20	−15°	1847	7	22.2	−15	4.3	9.4	∧ ∨
21	−15°	1850	7	22.5	−15	8.0	10	∧ ∨
22	Approx	(1855)	7	22.5	−15	15		∧ ∨
23	−15°	1843	7	21.8	−15	41.5	9.2	∧ ∨
24	−15°	1840	7	21.4	−15	50.8	9.6	∧ ∨
25	−15°	1841	7	21.5	−15	57.8	9.4	∧ ∨
26	−16°	1926	7	21.6	−16	2.7	10	∧ ∨
27	−16°	1964	7	21.4	−16	32.8	9.4	∧ ∨

cards made out.

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1913phae.proj.2157C

Wednesday October 22, 1913

B24594 short.

	No.	Dist.	class	Remark
	28	3	K0	
	29	2	A0	
	30	1	A2	The n.f. of this
	31	4	A0	
	32	3	K0	
	33	2	K2	
	34	5	G0	
	35	3	F8	
	36	3	A0	Another star superposed?
	37	2	F0	
	38	5	A0	
	39	1	K5	
	40	2	A0	
	41	3	F2	
	42	2	A0	
	43	3	A0	
	44	4	A0	
	45	5	G0	
	46	2	A0	
12.40	47	3	F0	
12.48	48	2	A0	
	49	3	A0	
	50	2	F0	
	51	2	A3	
	52	3	A	Partly superposed on 53
	53	2	A0	
	54	2	B9	

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1913phae.proj.2157C

28	−16°	1967	7	21.8	−16	24.4	9.1	∧ ∨
29	−15°	1849	7	22.3	−15	45.0	9.4	∧ ∨
30	Approx pos (1853)		7	22.4	−15	59		∧ ∨
31	−15°	1858	7	23.3	−15	26.5	9.1	∧ ∨
32	−15°	1862	7	23.5	−15	30.2	8.9	∧ ∨
33	−15°	1863	7	23.6	−15	34.1	9.2	∧ ∨
34	−15°	1857	7	23.1	−15	6.3	9.3	∧ ∨
35	−15°	1855	7	23.0	−15	6.1	9.5	∧ ∨
36	−14°	1927	7	23.2	−14	50.7	9.5	∧ ∨
37	−14°	1926	7	22.8	−14	51.5	9.0	∧ ∨
38	−14°	1939	7	24.3	−14	55.2	9.1	∧ ∨
39	−14°	1943	7	24.6	−14	54.6	9.5	∧ ∨
40	−14°	1948	7	25.1	−14	48.4	9.5	∧ ∨
41	−15°	1879	7	25.1	−15	3.0	9.1	∧ ∨
42	−15°	1881	7	25.1	−15	8.0	10	∧ ∨
43	−15°	1882	7	25.3	−15	6.2	9.2	∧ ∨
44	−15°	1885	7	25.6	−15	38.3	9.2	∧ ∨
45	−15°	1888	7	25.9	−15	9.2	8.7	∧ ∨
46	Approx pos (1853)		7	25.6	−14	53		∧ ∨
47	−14°	1953	7	25.7	−14	40.8	9.2	∧ ∨
48	Approx pos 1855		7	25.8	−14	26		∧ ∨
49	−14°	1956	7	26.0	−14	5.8	9.4	∧ ∨
50	−14°	1957	7	26.1	−14	24.1	9.4	∧ ∨
51	−14°	1963	7	26.5	−14	33.4	9.5	∧ ∨
52	−14°	1958	7	26.1	−14	49.5	9.5	∧ ∨
53	Approx pos 1855		7	26.1	−14	53		∧ ∨
54	−14°	1962	7	26.4	−14	44.9	9.5	∧ ∨

Cards made out

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1913phae.proj.2157C

Wednesday October 22, 1913

B 24594 shots

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

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1913phae.proj.2157C

55	−14°	1970	7	27.1	−14	50.8	8.7	∧ ∨
56	−15°	1902	7	27.5	−15	28.3	9.2	∧ ∨
57	−15°	1895	7	26.7	−15	45.0	9.0	∧ ∨
58	−15°	1900	7	27.2	−15	42.5	9.8	∧ ∨
59	−15°	1903	7	27.6	−15	44.5	9.3	∧ ∨
60	−15°	1906	7	28.2	−15	33.8	9.8	∧ ∨
61	−15°	1915	7	28.8	−15	17.6	8.6	∧ ∨
62	−15°	1913	7	28.7	−15°	11.2	9.2	∧ ∨
63	−15°	1920	7	29.2	−15	10.8	9.4	∧ ∨
64	−15°	1932	7	30.3	−15	7.5	9.1	∧ ∨
65	−15°	1934	7	30.5	−15	0.0	9.4	∧ ∨
66	−15°	1938 (7)	7	30.5 (6)	−15	7.8 (8.7)	9.4	∧ ∨ −15° 1936 superposed mag. 9.4
67	−15°	1938	7	30.8	−15	12.6	9.4	∧ ∨
68	−15°	1931	7	30.2	−15	36.4	9.1	∧ ∨
69	−15°	1930	7	30.1	−15	42.0	9.0	∧ ∨
70	−15°	1929	7	30.1	−15	45.1	9.5	∧ ∨
71	−15°	1928	7	29.9	−15	46.0	9.2	∧ ∨
72	Approx pos.	1855	7	29.4	−15	58 (2)		∧ ∨
73	−15°	1921	7	29.3	−15	40.5	9.5	∧ ∨
74	−15°	1916	7	28.9	−15	54.0	9.5	∧ ∨
75	−16°	2029	7	28.6	−16	19.2	9.7	∧ ∨
76	−16°	2034	7	29.1	−16	39.5	9.4	∧ ∨
77	−16°	2025	7	28.2	−16	59.4	9.4	∧ ∨
78	−16°	2020	7	27.6	−16	31.7	9.3	∧ ∨
79	−16°	2019 (1916) (5)	7	27.4 (33.1)	−16	44.5 (7.9)	10 (9.6)	∧ ∨
80	−17°	2034	7	27.8 (4)	−17	14.6	9.6	∧ ∨
81	−17°	2030	7	26.7	−17	20.0	9.4	∧ ∨

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Wednesday October 22, 1913

B 24594 shot.

No.	Dist.	class	Remarks
82	2	Bq	
83	1	K5	
84	1	Ao	
85	1	Ao	
86	2	Bq	
87	1	Bq	
88	2	Ao	
89	1	Ao	
90	1	K5	
91	2	Ao	
92	2	A2	
93	4	Bq	
94	3	A2	
95	3	Bq	
96	2	Bq	
97	2	Ao	
98	1	K5	
99	1	Ko	
100	2	K5	
101	1	K5	
102	3	Ao	
103	2	Ao	
104	1	Ao	
105	3	K5	
106	1	Ao	Partly superposed on 105
107	1	Ao	
108	2	Ko	

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1913phae.proj - 2157C

82	Approx	pos. 1855	7	26.7	-17	9	
83	-17°	2024	7	26.1	-17	3.4	9.8
84	Approx	pos. 1855	7	25.9	-17	23 ~~32.9~~	
85	Approx	pos. 1855	7	25.6	-16	58	
86	Approx	pos. 1855	7	25.5	-16	43	
87	~~-16°~~	~~1999~~	~~7~~	~~Approx pos. 1855~~ 25.3	~~-16~~	39 ~~41.4~~	~~9.2~~
88	-16°	2000	7	25.4	-16	16.2	9.6
89	Approx	pos. 1855	7	25.~~7~~ 2	-16	15	
90	-16°	1993	7	25.0	-16	36.4	9.8
91	-16°	1990	7	24.9	-16	32.1	10
92	-16°	1987	7	24.4	-16	9.8	9.7
93	-16°	1983	7	24.1	-16	13.6	9.5
94	-16°	1985	7	24.2	-16	21.9	9.7
95	-16°	1980	7	23.8	-16	3.2	9.5
96	-16°	1979	7	23.7	-16	6.2	9.9
97	Approx	pos. 1855	7	24.0	-15	47	
98	-15°	1867	7	24.0	-15	34.1	9.5
99	-16°	1976	7	23.4	-16	7.9	9.6
100	-16°	1981	7	23.9	-16	29.1	9.2
101	-17°	2012	7	24.6	-17	5.1	9.3
102	-17°	2011	7	24.6	-17	58.1	9.5
103	Approx	pos. 1855	7	24.~~9~~ 8	-17	52	
104	Approx	pos. 1855	7	25.0	-17	46	
105	-17°	2017	7	25.2	-17	40.1	9.2
106	Approx	pos. 1855	7	25.2	-17	45	
107	-17°	2019	7	25.7	-17	57.6	9.9
108	-18°	1891	7	25.8	-18	5.4	9.3

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1913phae.proj.2157C

Wednesday Oct 21, 1913
B 24594 plates

No.	Int.	class	Remarks
109	2	A0	
110	2	A0	The s. f. of two
111	2	F0	
112	2	F0	
113	1	A0	
114	2	A0	
115	1	G5	
116	1	K2	
117	1	A2	
118	2	K5	
119	3	A0	
120	2	A2	
121	1	G0	
122	1	K5	
123	1	Ma	
124	2	A0	
125	2	K0	
126	2	A2	
127	3	A0	
128	2	A0	
129	1	A	
130	4	G5	
131	3	Mb	
132	2	A3	
133	2	K0	
134	2	A0	
135	3	A0	

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1913phae.proj.2157C

109	Approx. pos. 1855	7	26.2	-18	8		∧ ⌣
110	-17°	2026	7	26.4	-17	59.0	9.5	∧ ⌣
111	-18°	1903	7	26.9	-18	15.3	10	∧ ⌣
112	-17°	2034	7	27.3	-17	32.5	9.4	∧ ⌣
113	-17°	2039	7	27.7	-17	31.8	10	∧ ⌣
114	-17°	2046	7	28.6	-17	11.9	9.3	∧ ⌣
115	-17°	2047	7	28.7	-17	6.9	9.5	∧ ⌣
116	-17°	2051	7	28.9	-17	27.7	9.5	∧ ⌣
117	Approx. pos. 1855	7	29.1	17	29		∧ ⌣
118	-17°	2056	7	29.6	-17	30.5	9.2	∧ ⌣
119	Approx. pos. 1855	7	30.0	-17	23		∧ ⌣
120	-17°	2061	7	30.5	-17	11.1	9.8	∧ ⌣
121	-16°	2054	7	31.2	-16	58.4	9.7	∧ ⌣
122	-16°	2057	7	31.7	-16	53.8	9.2	∧ ⌣
123	-16°	2058	7	32.0	-16	38.5	9.5	∧ ⌣
124	Approx. pos. 1855	7	32.4	-16	45		∧ ⌣
125	-17°	2072	7	32.0	-17	13.5	9.3	∧ ⌣
126	Approx. pos. 1855	7	32.2	-17	19		∧ ⌣
127	-17°	2075	7	32.5	-17	16.4	9.5	∧ ⌣
128	Approx. pos. 1855	7	32.8	-17	38.6		∧ ⌣
129	-17°	2086	7	33.4	-17	2.9	10	∧ ⌣
130	-16°	2076	7	33.6	-16	50.7	8.7	∧ ⌣
131	-17°	2089	7	33.6	-17	7.9	9.0	∧ ⌣
132	-17°	2088	7	33.5	-17	7.8	9.9	∧ ⌣
133	-17°	2094	7	34.2	-17	25.6	9.4	∧ ⌣
134	-17°	2097	7	34.6	-17	30.8	9.8	∧ ⌣
135	-17°	2101	7	35.1	-17	5.6	9.6	∧ ⌣

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1913phae.proj.2157C

Wednesday October 22, 1913
B2459+clouds

No.	Int.	Class	Remark
136	2	A3	
137	2	A0	
138	1	A	
139	4	A2	
140	2	G0	
141	1	A	
142	3	A2	
143	1	A	
144	2	A0	
145	2	G5	
146	4	G0	
147	2	M-	
148	3	A0	
149	2	G5	
150	2	G0	
151	2	A2	
152	2	K2	
153	2	A2	
154	1	K5	
155	2	A	
156	2	A	
157	2	A0	
158	1	A0	
159	2	K5	
160	2	G5	
161	2	A2	
162	2	A0	

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1913phae.proj.2157C

136	−17°	2103	7	35.2	−17	6.7	10
137	Approx. pos.	1855	7	35.9	−17	1	
138	−16°	2091	7	36.0	−16	55.7	10
139	−17°	2111	7	36.3	−17	8.4	9.3
140	−17°	2114	7	36.6	−17	8.4	9.6
141	Approx. pos.	1855	7	36.8	−17	13	
142	−17°	2121	7	37.3	−17	39.8	9.4
143	−17°	2124	7	37.6	−17	41.5	9.8
144	−17°	2123	7	37.6	−17	59.6	9.5
145	−17°	2127	7	37.8	−17	50.9	10
146	−17°	2128	7	~~38.5~~ 37.9	−17	~~34.5~~ 48.6	~~9.5~~ 9.2
147	−17°	2133	7	38.5	−17	22.9	8.8
148	−17°	2115	7	36.8	−17	54.3	9.3
149	−17°	2116	7	36.8	−17	50.7	9.4
150	−17°	2117	7	36.9	−17	57.2	9.5
151	−18°	1987	7	36.9	−18	2.7	9.5
152	−18°	1984	7	36.6	−18	35.9	9.2
153	−18°	1978	7	36.0	−18	18.2	9.8
154	−18°	1975	7	35.8	−18	42.3	9.5
155	−18°	1973	7	35.7	−18	35.3	9.8
156	−18°	1970	7	35.5	−18	46.9	9.8
157	Approx. pos.	1855	7	34.9 ~~35.0~~	−17 ~~−18~~	61	
158	Approx. pos.	1855	7	34.7	−18	0	
159	−18°	1957	7	33.9	−18	12.8	8.8
160	−18°	1956	7	33.8	−18	19.9	9.3
161	−18°	1954	7	33.7	−18	12.2	9.8
162	−17°	2095	7	34.4	−17	51.2	10

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1913phae.proj.2157C

Wednesday October 22, 1913

B 24594 shot

No.	Int.	Class	Remark
163	1	K0	
164	1	A0	
165	2	B9	
166	1	A2	
167	2	G5	
168	3	A0	
169	2	A0	
170	3	A0	
171	2	K2	
172	1	K2	
173	2	A0	
174	4	G5	
175	2	A8	
176	2	K2	
177	1	G5	
178	2	a	another star superposed S south.
179	2	K0	
180	1	A0	
181	2	K0	
182	2	K5	
183	2	K2	
184	2	G5	
185	1	K2	
186	1	K0	
187	2	G5	
188	3	a	Another star superposed
189	1	K2	

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1913phec.proj.21576

163	Approx pos 1855		7	34.8	-17	50		∧ ∪
164	Approx pos 1855		7	33.9	-17	45		∧ ∪
165	-17°	2090	7	33.6	-17	51.1	9.7	∧ ∪
166	-17°	2079	7	33.0	-17	58.1	9.9	∧ ∪
167	-18°	1960	7	34.2	-18	46.7	9.8	∧ ∪
168	-18°	1959	7	34.1	-18	55.7	9.5	∧ ∪
169	Approx pos 1855		7	33.9	-18	57		∧ ∪
170	-18°	1951	7	33.5	-18	56.6	9.5	∧ ∪
171	-18°	1944	7	32.6	-18	39.2	9.5	∧ ∪
172	Approx pos 1855		7	32.4	-18	37		∧ ∪
173	-18°	1942	7	32.1	-18	29.9	10	∧ ∪
174	~~-18°~~ 19°	1976	7	30.9	~~-18~~ 19	3.1	9.3	∧ ∪
175	Approx pos 1855		7	30.9	-18	12		∧ ∪
176	-19°	1962	7	29.8	-19	12.2	9.5	∧ ∪
177	-17°	2066	7	31.5	-17	59.2	9.7	∧ ∪
178	-18°	1934	7	31.3	-18	1.0	9.5	∧ ∪
179	-18°	1930	7	30.8	-18	5.2	9.2	∧ ∪
180	-17°	2060	7	30.3	-17	50.6	10	∧ ∪
181	-18°	1917	7	28.5	-18	32.1	9.4	∧ ∪
182	-18°	1878	7	24.7	-18	30.7	9.3	∧ ∪
183	-18°	1872	7	24.5	-18	27.5	9.4	∧ ∪
184	-18°	1871	7	24.3	-18	28.2	9.4	∧ ∪
185	-18°	1876	7	24.7	-18	16.1	9.8	∧ ∪
186	Approx pos 1855		7	24.2	-18	~~37~~ 35		∧ ∪
187	-18°	1866	7	23.8	-18	33.6	9.7	∧ ∪
188	-17°	2001	7	23.4	-17	52.0	9.8	∧ ∪ -17° 2002 mag. 9.8 superposed
189	-18°	1865	7	23.3	-18	7.6	9.8	∧ ∪

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1913phae.proj.2157C

Wednesday October 22, 1913

B 24594 cloud

No.	Dist.	Class	Remark
190	2	K0	
191	1	A0	
192	2	A0	
193	2	A	Another star superposed at south — Not in cat.
194	2	A	
195	1.	A	
196	3	F2	another star superposed at north —
197	2	A2	
198	2	K0	
199	2	A2	
200	1	F8	
201	2	K5	
202	2	B9	
203	1	K0	
204	2	K0	
205	1	K5	
206	1	F0	
207	1	K0	
208	2	A	
209	1	A	
210	10+	B8	Classified from trail.
211	3	A3	
212	2	F0	
213	2	A	
214	4	K0	
215	3	A2	
216	3	A0	

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1913phae.proj.2157C

190	−18°	1860	7	22.9	−18	3.5	9.8	∧ ∨
191	Approx. pos. 1855		7	22.4	−18	~~4~~ 3		∧ ∨
192	Approx. pos. 1855		7	22.2	−18	~~3~~ 2		∧ ∨
193	−17°	1988	7	21.6	−17	58.7	9.8	∧ ∨
194	−17°	1986	7	21.4	−17	57.0	9.5	∧ ∨
195	−17°	1985	7	21.2	−17	46.0	9.8	∧ ∨
196	−18°	1975	7	20.2	−18	52.9	9.2	∧ ∨ −17° mags. 9.7 1974 superposed
197	Approx. pos. 1855		7	20.0	−17	54		∧ ∨
198	−17°	1983	7	21.0	−17	19.3	9.4	∧ ∨
199	−17°	1984	7	21.0	−17	11.6	9.6	∧ ∨
200	−17°	1978	7	20.6	−17	18.2	9.6	∧ ∨
201	−17°	1972	7	19.8	−17	3.4	9.1	∧ ∨
202	−16°	1959	7	20.0	−16	42.3	9.6	∧ ∨
203	−16°	1960	7	20.1	−16	26.8	9.6	∧ ∨
204	−16°	1957	7	19.5	−16	29.9	9.5	∧ ∨
205	−16°	1950	7	18.8	−16	57.0	9.4	∧ ∨
206	−16°	1951	7	18.8	−16	40.3	9.5	∧ ∨
207	−16°	1948	7	18.7	−16	39.1	9.8	∧ ∨
208	−16°	1947	7	18.5	−16	18.2	9.6	∧ ∨
209	−16°	1945	7	18.5	−16	19.0	9.5	∧ ∨
210	−15°	1810	7	18.1	−15	55.0	5.8	∧ ∨
211	−15°	1814	7	18.6	−15	30.8	9.3	∧ ∨
212	−15°	1809	7	18.0	−15	36.9	9.5	∧ ∨
213	−15°	1807 ~~2037~~	7	17.9 ~~22.2~~	−15	29.6 ~~53.8~~	9.7 ~~9.4~~	∧ ∨
214	−14°	1915	7	21.6	−14	4.5	9.0	∧ ∨
215	−13°	2037	7	22.2	−13	53.8	9.4	∧ ∨
216	−14°	1929	7	23.3	−14	2.9	9.4	∧ ∨

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1913phae.proj.2157C

Wednesday October 22, 1913

B 24594 plate.

	No.	Int.	Class	Remark.
	217	2	F0	
	218	3	A2	
	219	2	F2	
	220	1	A0	
	221	2	F5	
	222	2	G5	
	223	2	A2	
	224	1	A	
	225	2	F0	
	226	4	B8	
1.15	227	3	A2	
Thursday Oct 23, 1913	228	3	A0	
10.30	229	2	A2	
	230	2	G5	
	231	3	A0	
	232	5	F8	
	233	4	A0	
	234	4	B9	
	235	2	A0	
	236	2	A0	
	237	1	G5	
	238	1	A2	
	239	2	A2	
	240	3	A0	
	241	4	K0	
	242	3	A2	
	243	3	A2	

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1913phae.proj.21570

217	−14°	1930	7	23.5	−14	10.8	9.5	∧ ∨
218	−14°	1931	7	23.6	−14	17.0	9.8	∧ ∨
219	−14°	1934	7	23.9	−14	23.7	9.3	∧ ∨
220	Approx −14	Pub. 1855 +1935	7	23.8 ~~23.9~~	−14 −14	36 ~~40.5~~	~~9.5~~	∧ ∨
221	−14°	1936	7	23.9 ~~24.0~~	−14	40.0	9.8	∧ ∨
222	−14°	1941	7	24.4	−14	13.6	9.8	∧ ∨
223	−14°	1940	7	24.4	−14	6.5	9.8	∧ ∨
224	−13°	2065	7	24.4	−13	56.6	9.8	∧ ∨
225	−14°	1947	7	24.9	−14	19.6	9.8	∧ ∨
226	−13°	2076	7	25.5	−13	49.7	9.0	∧ ∨
227	−13°	2079	7	26.0	−13	24.0	9.0	∧ ∨
228	−13°	2085	7	26.5	−13	22.2	9.1	∧ ∨
229	Approx	Pub. 1855	7	26.2	−13	32		∧ ∨
230	−13°	2083	7	26.1	−13	42.9	9.3	∧ ∨
231	−13°	2080	7	26.0	−13	42.8	9.6	∧ ∨
232	−13°	2097	7	27.2	−13	22.8	8.7	∧ ∨
233	−13°	2096	7	27.1	−13	43.4	9.0	∧ ∨
234	−14°	1969 ~~1968~~	7	27.0 ~~27.0~~	−14 −14	6.6 ~~4.7~~	~~9.6~~	∨ −14° 1968 superposed
235	−13°	2092	7	26.9	−13	28.1	9.5	∧ ∨
236	−13°	2090 ~~2088~~	7	26.9 ~~26.8~~	−13 −13	36.1 ~~32.9~~	9.8 ~~9.5~~	∨
237	−13°	2089	7	26.8	−13	44.1	10	∧ ∨
238	−13°	2099	7	27.6	−13	48.4	9.8	∧ ∨
239	−13°	2103	7	28.1	−13	39.1	9.4	∧ ∨
240	−13°	2107	7	28.4	−13	44.0	9.4	∧ ∨
241	−13°	2111	7	28.9	−13	30.6	8.6	∧ ∨
242	−14°	1985	7	28.9	−14	8.4	9.5	∧ ∨
243	−14°	1990	7	29.0	−14	0.4	9.3	∧ ∨

cards made out

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1913phae.proj.2157C

Thursday October 23, 1913

B 24594 Short.

No.	Int.	class	Remark
244	3	A2	
245	2	K2	
246	3	K0	
247	4	F5	
248	1	K2	
249	2	K0	
250	1	A2	
251	2	A0	
252	2	F5	
253	2	A2	
254	3	A2	
255	3	K0	
256	2	A0	
257	2	K0	
258	1	Ma	
259	3	A0	
260	4	A0	
261	3	A	
262	1	K	
263	2	A0	
264	2	A0	
265	2	F8	
266	2	A0	
267	3	A0	
268	1	K2	
269	3	B9	
270	3	K2	

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1913phae.proj-2157C

244	−14°	1986	7	28.9	−14	30.1	9.4	∧ ∨
245	−14°	1980	7	28.3	−14	38.1	9.1	∧ ∨
246	−14°	1982	7	28.4	−14	43.7	9.2	∧ ∨
247	−14°	1984	7	28.8	−14	45.0	9.1	∧ ∨
248	−14°	1979	7	27.9	−14	44.4	9.2	∧ ∨
249	−14°	1977	7	27.9	−14	46.5	9.2	∧ ∨
250	−14°	1976	7	27.6	−14	48.7	10	∧ ∨
251	−15°	1905	7	28.0	−15	9.2	9.6	∧ ∨
252	−14°	2027	7	30.1	−14	40.5	9.3	∧ ∨
253	~~Approx pos. 1855~~		7	31.3	−14	35 ~~36~~		∧ ∨
254	−14°	2059	7	31.6	−14	27.5	9.1	∧ ∨
255	−14°	2056	7	31.1	−14	28.1	9.2	∧ ∨
256	−13°	2144	7	31.7	−13	56.4	9.4	∧ ∨
257	−14°	2063	7	32.1	−14	12.5	9.1	∧ ∨
258	−14°	2064	7	32.1	−14	26.1	9.2	∧ ∨
259	−14°	2066	7	32.2	−14	0.4	9.0	∧ ∨
260	−13°	2155	7	32.9	−13	49.6	9.1	∧ ∨
261	−13°	2163	7	34.0	−13	54.3	9.4	∧ ∨
262	−13°	2162	7	33.9	−13	48.8	9.5	∧ ∨
263	−14°	2089	7	34.1	−14	10.7	9.1	∧ ∨
264	−14°	2080	7	33.4	−14	38.3	9.4	∧ ∨
265	−14°	2073	7	32.8	−14	57.3	9.0	∧ ∨
266	−14°	2072	7	32.7	−14	53.4	9.5	∧ ∨
267	−15°	1963	7	32.8	−15	9.1	9.4	∧ ∨
268	−15°	1962	7	32.8	−15	34.6	9.2	∧ ∨
269	−16°	2070	7	33.0	−16	3.0	9.7	∧ ∨
270	−16°	2068	7	32.8	−16	20.8	8.8	∧ ∨

cards made out.

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1913phae.proj.2157C

Thursday October 23, 1913

B 24594 Nov. t.

	No.	Int.	Class	Remark
	271	2	F5	
	272	2	K2	
	273	3	G5	
	274	4	G0	
	275	2	A2	
	276	3	A2	
10.40	277	3	F5	
10.55	278	2	A2	
	279	1	F5	
	280	2	A	Partly superposed on 281
	281	2	A	" " 280
	282	1	G0	
	283	1	A0	
	284	4	A2	
	285	2	A0	
	286	2	A0	
	287	3	G0	
	288	2	A2	
	289	2	G5	
	290	5	A2	
	291	2	G5	
	292	2	Mb	
	293	4	F5	
Can not find	294	3	A2	Assumed this same as 284.
	295	3	A2	
	296	2	F2	The following of 2
	297	1	K2	

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1913phae.proj.2157C

271	Approx	pos. (1855)	7	33.0	-16	19	∧ ∨
272	-16°	2064	7	32.4	-16	27.8	9.5 ∧ ∨
273	-16°	2056	7	31.5	-16	8.9	9.7 ∧ ∨
274	-16°	2050	7	30.9	-16	9.4	9.2 ∧ ∨
275	-16°	2043	7	30.0	-16	31.8	9.5 ∧ ∨
276	Approx	pos. (1853)	7	29.8	-16	40	∧ ∨
277	-15°	1969	7	33.7	-15	32.0	9.4 ∧ ∨
278	Approx	pos. (1856)	7	34.1	-16	23	∧ ∨
279	Approx	pos. (1855)	7	34.0	-16	32	∧ ∨
280	-16°	2077	7	34.1	-16	45.4	9.5 ∧
281	~~Approx~~ -16°	~~1855~~ 2077	7	34.1	-16	~~48 47~~ 45.4	9.5 ∧ ∨
282	-17°	2093	7	34.0	-17	3.6	9.8 ∧ ∨
283	Approx	1855	7	34.2	-17	2	∧ ∨
284	Approx	1855	7	35.2	-16	22	∧ ∨
285	Approx	1855	7	35.2	-16	47	∧ ∨
286	Approx	1855	7	35.3	-16	51	∧ ∨
287	Approx	1855	7	35.4	-16	41	∧ ∨
288	Approx	1855	7	35.4	-16	40	∨
289	-16°	2090	7	35.9	-16	35.7	9.4 ∧ ∨
290	-16°	2092	7	36.1	-16	18.2	9.0 ∧ ∨
291	-15°	1991	7	35.9	-15	56.6	9.1 ∧ ∨
292	-15°	1989	7	35.8	-15	59.8	8.8 ∧ ∨
293	-15°	1981	7	35.0	-15	57.7	8.8 ∧ ∨
294							
295	-15°	1979	7	34.9	-15	12.2	9.3 ∧ ∨
296	-15°	1976	7	34.6	-15	23.8	9.3 ∧ ∨
297	-15°	1974	7	34.5	-15	31.5	9.3 ∧ ∨

cards made out.

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1913phae.proj.2157C

Thursday October 22 3, 1913

B24594 short.

No.	Dur.	class	Remark
298	2	F8	
299	2	A0	
300	2	A2	
301	1	K5	[Partly - superposed on a bright star.]
302	2	F5	
303	1	K2	
304	3	B9	
305	3	A2	
306	2	F0	
307	2	A0	
308	2	G5	
309	2	M0	
310	4	F2	
311	4	B9	
312	4	A0	On a cluster of faint A stars.
313	2	A	
314	2	F2	
315	4	A2	
316	4	G0	
317	4	A3	
318	3	A5	
319	2	F5	
320	1	A	
321	2	A	
322	2	F2	
323	3	A3	
324	3	A5	

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1913phae.proj.2157C

298	Approx. pos (1855)	7		34.7	-15	~~57~~ 58	
299	-15°	1975	7	34.6	-15	57.1	9.4
300	Approx pos (1855)	7		34.9	-16	9	
301	-15°	1939	7	30.8	-15	43.7	9.0
302	-15°	1933	7	30.4	-15	44.0	9.8
303	-15°	1935	7	30.5	-15	55.6	9.8
304	-15°	1946	7	31.3	-15	36.7	9.5
305	-15°	1948	7	31.5	-15	35.8	9.4
306	-15°	1945	7	31.3	-15	13.0	9.2
307	-15°	1949	7	31.5	-15	20.7	9.7
308	-15°	1967	7	33.4	-15	7.8	9.2
309	-14°	2086	7	34.1	-14	56.7	9.0
310	-14°	2099	7	34.4	-14	43.2	8.7
311	-14°	2102	7	34.5	-14	31.4	8.9
312	-14°	2134	7	35.2	-14	39.4	9.0
313	-14°	2148	7	35.6	-14	46.1	9.7
314	-15°	1984	7	35.6	-15	0.6	9.4
315	-14°	2166	7	36.2	-14	31.3	9.0
316	-14°	2171	7	36.3	-14	39.7	8.8
317	-14°	2178	7	36.6	-14	29.6	8.7
318	-14°	2184	7	37.3	-14	46.2	9.1
319	-15°	1995	7	36.4	-15	12.9	9.7
320	-15°	1999	7	36.8	-15	21.8	9.7
321	-15°	2001	7	37.0	-15	31.8	9.6
322	-16°	2100	7	37.0	-16	1.1	9.6
323	-15°	2004	7	37.3	-15	55.2	9.1
324	-16°	2098	7	36.9	-16	21.8	9.5

-14° 2149 magn. 9.7 superposed

Cards made out.

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1913phae.proj.2157C

Thursday October 23, 1913

B 24594 short.

No.	Int.	Class	Remark
325	3	K5	
326	3	F0	
327	2	Ma	
328	4	A0	
329	4	F8	
330	3	a	E.
331	4	a	E.
11.15 332	2	Ma	[Early superposed on a bright star]
333	3	F	" " " 334
334	2	a	" " " 333
335	3	K0	
336	2	K0	
337	2	Mb	
338	1	Mb	

339 2 Mb

cwh. 134, 82

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1913phae.proj.2157C

325	−15°	2010	7	38.0	−15	37.5	8.5 ∧ ⌣
326	−15°	2011	7	38.0	−15	25.8	9.1 ∧ ⌣
327	−15°	2015	7	38.3	−15	21.3	8.7 ∧ ⌣
328	−16°	2112	7	39.0	−16	14.8	9.3 ∧ ⌣
329	−16°	2119	7	39.6	−16	13.4	9.1 ∧ ⌣
330	−16°	2127	7	40.8	−16	6.7	9.3 ∧ ⌣
331	−16°	2124	7	40.3	−16	25.0	9.0 ∧ ⌣
332	−14°	1881	7	17.5	−14	27.5	8.8 ∧ ⌣ 14° 1880 superposed magn. 8.2
333	−19°	2009	7	34.8	−19	11.0	9.3 ∧ ⌣
334	−19°	2008	7	34.7	−19	16.8	9.5 ∧ ⌣
335	−19°	2042	7	38.6	−19	20.2	9.0 ∧ ⌣
336	−18°	2004	7	39.0	−18	42.2	9.0 ∧ ⌣
337	−18°	2009	7	39.5	−18	48.7	9.0 ∧ ⌣
338	−19°	2061	7	40.9	−19	2.7	9.2 ∧ ⌣

Identified by A.M.C. Nov. 20, 1913

Approx. pos. by J.C.M. Nov. 22, 1913

Checked Nov. 25. 1918. V.D.W.

Cards made out by G.R.B.

Cards checked by A.M.C.

339	−15°	1834	7	20.9	−15	57.6	9.4 ⌣

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1913phae.proj.2157C

Thursday October 23. 1913

12.15

B 1856.0 long.

No.	Int.	Class	Remarks
1	3	G5	
2	3	A0	Partly superposed on 1
3	9	F2	
4	2	K2	
5	3	F0	
6	5	B9	
7	2	G5	Partly superposed on 6
8	2	K5	
9	3	A0.	
10	1	A0	
11	2	A0	
12	1	A	
13	1	K.	
14	7	F2	
14a	4	A0	
15	2	A0	
16	3	A3	
17	2	A	
18	5	K2	
19	7	A2	
20	5	B9	
12.18 21	6	B9	
~~22~~			
~~23~~			
~~24~~			
22	7	B5	
23	8	A0	cmbn 139. 14
24	6	K2	

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1913phae.proj.2157C

1	−2°	2197	7	28.8	−2	50.2	7.4	1 v
2	−3°	1968	7	28.7	−3	2.7	8.2	1 v
3	−3°	1979	7	30.1	−3	47.3	5.3	1 v
4	−3°	2001	7	32.7	−3	15.4	7.7	1 v
5	−3°	2028	7	36.0	−3	47.9	7.5	1 v
6	−4°	2062	7	36.3	−4	20.3	7.1	1 v
7	−4°	2063	7	36.4	−4	21.8	6.9	1 v
8	−4°	2075	7	38.0	−4	6.5	7.2	1 v
9	−3°	2053	7	38.9	−3	36.7	8.0	1 v
10	−3°	2060	7	39.5	−3	20.0	8.5	1 v
11	−3°	2065	7	40.6	−3	10.5	8.0	1 v
12	−4°	2092	7	41.2	−4	25.6	8.5	1 v
13	−4°	2097	7	42.0	−4	17.8	7.9	1 v
14	−5°	2280	7	45.6	−5	3.2	5.7	1 v
14a	−5°	2239	7	38.6	−5	19.7	7.0	1 v
15	−5°	2267	7	48.5	−5	26.8	7.0	1 v
16	−6°	2305	7	41.2	−6	25.2	7.1	1 v
17	−6°	2334	7	44.4	−6	36.6	7.5	1 v
18	−6°	2281	7	38.9	−6	25.2	6.4	1 v
19	−7°	2118	7	33.6	−7	51.3	6.3	1 v
20	−6°	2207	7	30.8	−6	38.1	6.8	1 v
21	−4°	1943	7	18.9	−4	15.1	7.4	1 v

Identified by AMC. Nov. 18, 1913.
Checked March 19, 1914 LDW
Cards made out by G.E.D.
Cards checked by G.R.B.

v 22 −5° 2080
23 −1° 1756
24 −1° 1738

7 Lm D38609
49 m D37180
30 " "

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1913phae.proj.2157C

Thursday Oct. 23, 1913

12.20 Cont from Bk 67, 202 B 20802 ~~18202~~ short

No.	Dist.	class	Remark
~~158~~	3	G5-	
159	1	a	
160	2	F2	
161	2	F5	
162	1	A0	
163	1	K2	
164	1	K2	
165	1	A2	
166	1	K0	
167	2	F2	
168	2	A2	
169	1	K5	
170	2	A2	
171	3	K2	
172	1	K	
173	5	A2	
174	7	G0	
175	3	A0	
176	3	A0	
177	2	A2	
178	1	G5	
179	1	K5	
180	2	A0	
181	9	A	
182	5	A2	
183	1	K2	
184	2	B8	

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1913phae.proj.2157C

158	-4°	2042	7	32.8	- 4	28.4	8.5	1 v
159	Approx pos.	1855	7	32.9	- 4	22		v.
160	-4	2045	7	33.8	- 4	27.4	9.0	1 v
161	-4°	2047	7	33.9	- 4	36.1	9.0	1 v
162	-5°	2213	7	34.1	- 5	8.8	9.4	1 v
163	-5°	2209	7	33.7	- 5	24.9	8.7	1 v
164	-5°	2205	7	33.1	- 5	44.8	8.7	1 v
165	-5°	2213	7	34.5	-5	47.0	9.1	1 v
166	-6°	2247	7	35.3	-6	10.0	8.8	1 v
167	-6°	2254	7	36.1	-6	7.6	9.1	1 v
168	-5°	2220	7	35.8	-5	28.7	9.2	1 v
169	-5°	2223	7	36.5	-5	58.2	8.8	1 v
170	-5°	2227	7	36.8	- 5	51.1	9.3	1 v
171	-5°	2225	7	36.8	- 5	19.7	8.5	1 v
172	-5°	2229	7	37.0	-5	30.6	9.0	1 v
173	-5°	2230	7	37.3	- 5	1.8	8.6	1 v
174	-4°	2069	7	37.2	- 4	43.1	8.0	1 v
175	-4°	2060	7	36.1	-4	50.1	9.0	1 v
176	-4°	2061	7	36.2	- 4	58.3	9.0	1 v
177	-5°	2221	7	36.3	- 5	9.6	9.2	1 v
178	-5°	2222	7	36.4	- 5	20.1	9.0	1 v
179	-5°	2231	7	37.7	- 5	12.5	8.8	1 v
180	-5°	2234	7	38.2	- 5	16.0	9.4	1 v
181	-5°	2237	7	38.6	- 5	19.7	7.0	1 v
182	-5°	2243	7	39.5	- 5	59.1	8.0	1 v
183	-6°	2290	7	39.9	- 6	28.8	9.0	1 v
184	-7°	2171	7	38.4	- 7	15.0	8.9	1 v

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1913phae.proj.2157C

Thursday Oct. 23, 1913

B 20802 short.

No.	Int.	Class	Remarks
185	3	Bq	
186	3	A0	
187	1	A0	
188	2	A0	
189	1	K5	
190	5	F0	
191	6	A2	
192	5	K2	
193	2	K2	
194	3	Bq	
195	3	A	Partly superposed on 194
196	1	Ma	
197	3	A0	
198	3	K0	
199	2	K2	
200	3	A2	
201	2	K5	
202	2	A3	
203	3	K0	
204	1	K5	
205	1	K5	
206	2	K0	
207	3	A0	
208	2	F8	
12.30 209	1	A0	
210			
211		Cont in Book 19, 8	

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1913phae.proj.2157C

185	-7°	2166	7	38.0	-7	36.4	8.5	1-
186	-7°	2177	7	38.6	-7	43.6	8.8	1-
187	-7°	2175	7	38.6	-7	23.5	9.2	1-
188	-7°	2172	7	38.5	-7	31.0	9.0	1-
189	-8°	2049	7	37.8	-8	3.1	8.5	1-
190	-8°	2055	7	38.4	-8	29.9	8.5	1-
191	-9°	2199	7	37.4	-9	13.1	8.0	1-
192	-9°	2191	7	36.7	-9	47.9	7.5	1-
193	-9°	2183	7	35.7	-9	12.8	8.5	1-
194	-9°	2176	7	34.8	-9	9.0	9.0	1-
195	-9°	2175	7	34.7	-9	7.8	9.0	1-
196	-8°	2030	7	34.5	-8	53.0	8.2	1-
197	-9°	2165	7	33.7	-9	2.4	8.8	1-
198	-9°	2169	7	33.8	-9	12.7	8.2	1-
199	-4°	1976	7	23.0	-4	17.1	8.8	1-
200	-3°	1919	7	22.7	-3	40.9	9.0	1-
201	-3°	1920	7	22.8	-3	27.6	9.0	1-
202	-3°	1928	7	23.8	-3	21.4	9.1	1-
203	-3°	1935	7	24.8	-3	42.2	8.3	1-
204	-4°	1986	7	24.6	-4	3.5	9.0	1-
205	-4°	1987	7	24.9	-4	4.3	9.0	1-
206	-4°	1996	7	26.2	-4	6.9	8.5	1-
207	-4°	2002	7	26.9	-4	14.9	9.2	1-
208	-4°	2001	7	26.8	-4	27.8	9.0	1-
209	-4°	1999	7	26.6	-4	37.8	9.5	1-

Identified by Ames. Nov. 19, 1913
Checked April 14, 1914 ADW
cards made out by G. E. S.

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1913phae.proj.2157C

Thursday October 23, 1913

3.00

I9896 long

	No.	Int.	Class	Remark
✓	1	1	K	
✓	2	7	Md	H_7=10 H_δ=20 H_β=2 H_ε=7 H_{ζ}=3 H_θ=2 H_ι=2 Sp = Ma all Bright=
✓	3	1	Ko	
✓	4	2	Fs	
✓	5	4	Go	
✓	6	6	Ao	
✓	7	3	Ao	Partly superposed on 6
✓	8	9	Bq	
✓	9	2	Ao	
✓	10	5	Bq	
✓	11	6	Bq	
✓	12	2	Ao	
✓	13	4	A2	
✓	14	7	Bo	
✓	15	1	Ao	
✓	16	5	Bq	
✓	17	2	F2	
✓	18	7	G5	
✓	19	3	Ao	
✓	20	2	A	Partly superposed on 19
✓	21	6	Bq	
3.06	✓	22	4	Bq
		23		
		24		
		25		
	23	26	6	Bo
	24	27	2	B8
	25	!	3	Ao
	26		3	A5

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http://nrao.proj.21570

1	+32°	3578	19	43.5	+32	26.3	8.2	✓
2	+32	3593	19	45.0	+32	33.0	var,	✓
3	+33	3642	19	48.6	+33	23.7	7.2	✓
4	+32	3626	19	49.7	+32	21.7	8.3	✓
5	+30	3815	19	51.0	+30	33.5	6.5	✓
6	+30	3820	19	51.4	+30	23.0	7.2	✓
7	+30	3826	19	51.4 5	+30	27.9	8.4	✓
8	+30	~~3845~~ 3837	19	~~53.9~~ 52.9	+30	~~31.0~~ 35.3	~~8.0~~ 5.8	✓
9	+30	3845	19	52.9	+30	31.0	8.0	✓
10	+30	3853	19	55.2	+30	49.8	6.9	✓
11	+30	3862	19	56.2	+30	42.7	7.0	✓
12	+30	3871	19	58.2	+30	42.7	8.4	✓
13	+30	3875	19	58.5	+30	50.0	7.4	✓
14	+31	3925	19	58.9	+31	48.8	6.0	✓
15	+31	~~3905~~ 3915	19	~~57.1~~ 58.0	+31	~~33.4~~ 20.4	~~6.7~~ 8.2	✓
16	+30	3929	20	5.1	+30	21.4	6.8	✓
17	+29	3926	20	4.7	+29	50.3	7.7	✓
18	+29	3872	19	57.7	+29	30.6	6.0	✓
19	+29	3838	19	54.4	+29	30.9	7.0	✓
20	+29	3839	19	54.5	+29	25.2	7.4	✓
21	+29	3802	19	49.3	+29	49.0	6.9	✓
22	+29	3948	20	8.4	+29	46.2	7.0	✓

Identified on cards by A.M.C. May 5, 1914
Identified on plate by E.Y.G. May 7, 1914
Identification compared cards + book, by G.R.B.

✓ 23	+33	3602	19	43.3	+33	5	6.9	7) on 13) 800
24	+32	3589	19	44.5	+32	17	8.0	75 " "
25							71	" "
26							7.3	" "

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1913phae.proj.2157C

Friday October 24, 1913

11.15 B19157 short

No.	Int.	Class	Remark
✓ 1	4	K0	
✓ 2	4	A0	
✓ 3	2	A0	Partly superposed on 4
✓ 4	4	F8	
✓ 5	2	K0	
✓ 6	4	K0	
✓ 7	4	A0	
✓ 8	1	A	Partly superposed on 7
✓ 9	9	A0	
✓ 10	4	A0	
✓ 11	2	G5	Partly superposed on 12
✓ 12	3	K2	
✓ 13	7	A0	
✓ 14	8	B9	
✓ 15	1	K0	
✓ 16	2	G5	
✓ 17	5	A3	
✓ 18	4	A5	
✓ 19	7	A3	
✓ 20	5	F8	
✓ 21	1	F5	
✓ 22	8	A0	
✓ 23	1	K0	
✓ 24	1	A3	
✓ 25	2	F5	
✓ 26	4	K2	
✓ 27	4	A0	

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1913phae.proj.2157C

1	−40° 5403	g	34.8	−40	16	7.8						✓
2	−40° 5410	g	35.2	−40	38	8.6						✓
3	−41° 5250	g	34.6	−41	1	9.3						✓
4	−41° 5252	g	34.7	−41	6	8.5						✓
5	−41° 5258 ~~5244~~	g	35.1 ~~34.1~~	−41	28 ~~12~~	8.3 ~~9.0~~						✓
6	−41° 5275	g	36.4	−41	24	7.7						✓
7	−41° 5277	g	36.5	−41	33	8.8						✓
8	−41 5274	g	36.4	−41	36	9.6						✓
9	−41° 5281	g	37.1	−41	42	7.3						✓
10	−41° 5293	g	38.1	−41	9	8.5						✓
11	−40° 5435	g	38.6	−40	36	8.0						✓
12	−40° 5438	g	38.7	−40	41	7.7						✓
13	−40° 5475	g	40.1	−40	36	8.5	−40° 5476	g	40.1	−40	36	9.4 superposed ✓
14	−41° 5325	g	40.7	−41	5	7.7						✓
15	−40° 5506	g	41.9	−40	49	8.5						✓
16	−40° 5513	g	42.3	−40	52	8.0						✓
17	−40° 5523	g	43.2	−40	31	8.1						✓
18	−40° 5517	g	42.7	−40	16	8.0						✓
19	−40° 5497	g	41.5	−40	6	7.7						✓
20	−40° 5491	g	41.1	−40	4	7.7						✓
21	−40° 5533	g	44.1	−40	4	9.0						✓
22	−39° 5873	g	44.9	−39	36	7.5						✓
23	−40° 5544	g	45.2	−40	16	8.5						✓
24	−40° 5541	g	44.8	−40	24	9.1						✓
25	−40° 5546	g	45.4	−40	44	9.1						✓
26	−41° 5387	g	46.3	−41	11	7.8						✓
27	−41° 5377	g	44.6	−41	33	8.7						✓

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1913phae.proj.2157C

Friday October 24, 1913

B 19157 Short.

No.	Int.	class	Remark
✓ 28	1	K2	
✓ 29	2	A0	
✓ 30	6	A0	
✓ 31	1	A2	
✓ 32	1	K	
✓ 33	3	K2	
✓ 34	3	A0	Another star superposed on p. side probably same class
✓ 35	7	K0	
✓ 36	3	A2	
✓ 37	4	A0	
✓ 38	1	A5	
✓ 39	1	A0	
✓ 40	5	A2	
✓ 41	3	F5	
✓ 42	4	F8	
✓ 43	2	K2	
✓ 44	4	F5	
✓ 45	3	F8	
✓ 46	2	A2	
✓ 47	5	K0	
✓ 48	2	A3	
✓ 49	7	A0	
✓ 50	2	A5	
✓ 51	1	G5	
✓ 52	2	A2	
✓ 53	1	G5	
✓ 54	2	A5	

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1913phae.proj.2157C

28	−41° 5376	9	44.6	−41	44	8.9	✓	
29	−41° 5372	9	44.2	−41	50	9.4	✓	
30	−42° 5628	9	42.8	−42	0	8.8	✓	
31	−41° ~~4030~~ 5389	9	43.5	−41	28	9.4	✓	
32	−41° ~~4033~~ 5362	9	43.6	−41	43	9.2	✓	
33	−42° 5626	9	42.6	−42	41	8.6	✓	
34	−42° 5606	9	41.5	−42	54	9.8	−42° 5605 9 41.4 −42 54 10 superposed.	
35	−43° 5600	9	41.0	−43	6	8.0	✓	
36	−43° 5593	9	40.5	−43	9	9.4	✓	
37	−43° 5592	9	40.4	−43	1	9.5	✓	
38	−42° 5593	9	40.4	−42	57	9.6	✓	
39	−42° 5583	9	39.9	−42	47	9.9	✓	
40	−42° 5587	9	40.2	−42	28	8.9	✓	
41	−42° 5562	9	38.8	−42	39	9.0	✓	
42	−42° 5552	9	38.2	−42	42	8.7	✓	
43	−42° 5537	9	37.1	−42	47	8.6	✓	
44	−42° 5563	9	38.9	−42	17	8.9	✓	
45	−42° 5524	9	36.2	−42	22	9.0	✓	
46	−42° 5523	9	36.1	−42	36	9.4	✓	
47	−42° 5497	9	35.0	−42	57	8.0	✓	
48	−42° 5505	9	35.2	−42	22	9.6	✓	
49	−42° 5478	9	34.2	−42	18	9.3	✓	
50	−41° 5313	9	40.0	−41	56	9.3	✓	
51	−41° 5314	9	40.0	−41	42	8.9	✓	
52	−41° 5334	9	41.6	−41	14	9.5	✓	
53	−41° 5329	9	41.0	−41	12	9.4	✓	
54	−42° 5652	9	44.4	−42	13	9.3	✓	

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1913phae.proj.2157C

Friday October 24. 1913

B 19107 photX

No.	Dist.	Class	Remark
✓ 55	6	A0	
✓ 56	8	K0	
✓ 57	8	A2	
✓ 58	3	B9	
✓ 59	2	K2	
✓ 60	5	K5	
✓ 61	3	A0	
✓ 62	3	A0	
✓ 63	3	A2	
✓ 64	3	A0	
✓ 65	8	F2	
✓ 66	8	F0	
✓ 67	1	F0	
✓ 68	4	F5	
✓ 69	7	A0	
✓ 70	2	K0	
✓ 71	3	B9	
✓ 72	6	A2	
✓ 73	4	A3	
✓ 74	7	K0	
✓ 75	4	A0	
✓ 76	4	A0	
✓ 77	4	F5	
✓ 78	7	A3	Another star superposed?
✓ 79	5	G5	
✓ 80	3	K2	
✓ 81	4	B8	

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1913phae.proj.2157C

55	−42° 5655	9	44.6	−42	13	9.1					✓
56	−42° 5648	9	44.2	−42	54	7.0					✓
57	−43° 5631	9	43.5	−43	26	8.1					✓
58	−43° 5662	9	45.8	−43	31	9.4					✓
59	−42° 4677	9	45.8	−42	47	8.7					✓
60	−42° 4678	9	46.1	−42	54	8.5					✓
61	−42 5685	9	46.7	−42	57	9.5					✓
62	−42° 5695	9	~~46.9~~ 47.1	−42	~~16~~ 24	~~9.8~~ 9.4					✓
63	−41° 5400	9	46.6	−41	56	9.1					✓
64	−41° 5403	9	46.9	−41	51	9.2					✓
65	−41° 5423	9	48.6	−41	43	8.0					✓
66	−41° 5425	9	48.7	−41	15	7.5					✓
67	−40° 5594	9	48.8	−40	57	8.7					✓
68	−40° 5610	9	49.9	−40	11	8.3					✓
69	−39° 5961	9	50.4	−39	51	7.5					✓
70	−39° 5948	9	49.5	−39	37	8.2					✓
71	−39° 5917	9	47.6	−39	58	8.6					✓
72	−39° 5916	9	47.6	−39	24	8.0					✓
73	−39° 5926	9	48.2	−39	14	8.5					✓
74	−38° 6032	9	50.8	−38	58	7.3					✓
75	−39° 6006	9	53.2	−39	35	9.1					✓
76	−39° 6038	9	55.2	−39	59	8.5					✓
77	−40° 5688	9	55.2	−40	19	8.7					✓
78	−40° 5697	9	55.9	−40	15	8.4	−40° 5695	9	55.8	−40	18	8.3	Superposed.
							−40° 5696	9	55.8	−40	19	9.0	
79	−40° 5663	9	53.6	−40	46	7.5					✓
80	−41° 5499	9	53.1	−41	36	8.0					✓
81	−41° 5479	9	52.3	−41	57	9.3					✓

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1913phae.proj.2157C

Friday October 24, 1913

B 19157 shot.

No.	Int.	class	Remark
✓ 82	2	G5	
✓ 83	3	A0	
✓ 84	2	A0	
✓ 85	7	G5	
✓ 86	1	F	
✓ 87	3	A0	
✓ 88	3	A2	
✓ 89	1	K0	
✓ 90	1	G5	
✓ 91	1	K2	
✓ 92	1	G5	
✓ 93	2	K0	
✓ 94	6	K0	
✓ 95	4	K2	
✓ 96	4	A3	
✓ 97	5	A2	
✓ 98	8	A3	
✓ 99	1	G5	
✓ 100	3	F8	
✓ 101	5	A0	
✓ 102	4	A2	
✓ 103	5	A0	
✓ 104	2	A2	
✓ 105	4	K2	
✓ 106	3	A3	
✓ 107	2	A2	
✓ 108	7	K0	

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1913phae.proj.2157C

82	−42° 5775	9	51.7	−42	0	9.1	−42° 5774 9 51.7 −42 1 10	✓ magn. superposed.
83	−41° 5456	9	50.8	−41	40	8.8		✓
84	−41° 5440	9	49.9	−41	48	9.5		✓
85	−42° 5736	9	49.3	−42	30	8.2		✓
86	−42° 5728	9	48.6	−42	13	9.6		✓
87	−42° 5718	9	48.1	−42	11	9.5		✓
88	−42° 5710	9	47.7	−42	11	9.4		✓
89	−42° 5708	9	47.6	−42	4	9.2		✓
90	−41° 5424	9	48.6	−41	52	8.7		✓
91	−42° 5703	9	47.4	−42	23	9.4		✓
92	−41° 5386	9	45.3	−41	59	9.5		✓
93 94	−42° 5726	9	48.5	−42	37	9.0		✓
94 95	−42 5741	9	49.6	−42	44	7.9		✓
95 96	−42° 5743	9	49.8	−42	58	8.4		✓
96 97	−42° 5753	9	51.0	−42	2	9.1		✓
97 98	−42° 5758	9	50.7	−42	47	9.2		✓
98	−42° 5760	9	50.8	−42	36	8.4		✓
99	−42° 5759	9	50.7	−42	24	9.1		✓
100	−42° 5786	9	52.3	−42	43	9.3		✓
101	−42° 5794	9	52.9	−42	15	9.1		✓
102	−42° 5817	9	54.3	−42	6	9.1		✓
103	−41° 5505	9	54.1	−41	48	8.5		✓
104	−41° 5502	9	53.8	−41	46	9.7		✓
105	−41° 5516	9	55.0	−41	52	8.0		✓
106	−41° 5522	9	55.3	−41	42	9.4		✓
107	−41° 5525	9	55.6	−41	54	9.6		✓
108	−41° 5538	9	56.7	−41	53	7.5		✓

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1913phae.proj.2157C

Friday October 24, 1913

B 1915.7 short

No.	Int.	Class	Remarks
✓ 109	9	A2	
✓ 110	3	K0	
✓ 111	5	A3	
✓ 112	4	A5	
✓ 113	1	K2	
✓ 114	2	A2	
✓ 115	6	F5	Another star superposed
✓ 116	4	F8	
✓ 117	9	K0	
✓ 118	3	K5	
✓ 119	2	A0	
✓ 120	3	A	Another star superposed!
✓ 121	8	F2	
✓ 122	3	F2	
✓ 123	2	F8	Partly superposed on 122
✓ 124	3	F8	
✓ 125	3	K5	
✓ 126	4	F0	
✓ 127	4	F2	
✓ 128	2	K0	
✓ 129	6	A5	
✓ 130	1	K5	
✓ 131	7	A2	
✓ 132	3	A0	
✓ 133	3	K0	
✓ 134	3	A0	
✓ 135	5	A5	

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1913phae.proj.2157C

109	−42° 5833	9	55.4	−42	17	8.0					✓
110	−42° 5829	9	54.9	−42	25	8.2					✓
111	−41° 5842	9	56.8	−41	22	8.5					✓
112	−41° 5840	9	56.7	−41	9	8.7					✓
113	−40° 5712	9	57.0	−40	43	9.0					✓
114	−40° 5719	9	57.5	−40	58	9.0					✓
115	−40° 5738	9	58.8	−40	22	8.7	−40° 5740	9	58.9	−40 21 8.5 superposed.	✓
116	−41° 5593	10 9	0.5	−41	21	8.4					✓
117	−41° 5585	10 9	0.0	−41	34	7.0					✓
118	−41° 5576	9 10	59.5	−41	37	7.8					✓
119	−41° 5574	9	59.4	−41	49	9.7					✓
120	−41° 5582	~~10~~ 9	~~0.0~~ 59.9	−41	42	~~8.7~~ 10					✓
121	−41° 5598	10	0.9	−41	55	7.7					✓
122	−41° 5614	10	1.9	−41	42	8.5					✓
123	−41° 5615	10	2.0	−41	45	8.5					✓
124	−41° 5620	10	2.4	−41	50	8.5					✓
125	−42° 5943	10	2.3	−42	21	7.9					✓
126	−42° 5954	10	2.9	−42	17	8.8					✓
127	−42° 5942	10	2.3	−42	31	8.1					✓
128	−42° 5939	10 9	2.1	−42	34	8.1					✓
129	−41° 5647	10	4.4	−41	29	8.3					✓
130	−41° 5650	10	4.7	−41	38	8 8.4					✓
131	−41° 5651	10	4.8	−41	52	8.2					✓
132	−41° 5624 ~~−40° 5799~~	10 ~~10~~	2.6 ~~2.1~~	−41 ~~−40~~	7 ~~59~~	8.7 ~~9.3~~					
133	−40° 5775	10	0.8	−40	15	8.0					✓
134	−40° 5790	10	1.6	−40	17	8.5					✓
135	−40° 5792	10	1.8	−40	5	8.3					✓

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1913phae.proj.2157C

Friday Oct. 24, 1913

B 1957 plates

No.	Dist.	class	Remarks
✓ 136	5	Bg	
✓ 137	3	A0	
✓ 138	1	K	
✓ 139	3	A5	
✓ 140	2	G5	
✓ 141	1	G5	
✓ 142	6	K0	
✓ 143	2	K0	
✓ 144	3	A2	
✓ 145	2	K0	
✓ 146	2	K2	
✓ 147	2	A0	
✓ 148	4	F5	
✓ 149	1	A0	
✓ 150	1	K5	
✓ 151	5	Bg	
✓ 152	8	A2	
✓ 153	7	A0	
✓ 154	3	F0	
✓ 155	7	A0	
✓ 156	10+	A	Burned out.
✓ 157	2	G5	
✓ 158	5	A0	
✓ 159	9	Bg	
✓ 160	4	A2	
✓ 161	8	F5	
✓ 162	1	F8	

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1913phae.proj.2157C

136	−42° 5891	9	58.9	−42	11	9.1	✓
137	−42° 5896	9	59.2	−42	5	9.4	✓
138	−42° 5893	9	59.0	−42	4	9.1	✓
139	−42° 5862	9	57.2	−42	32	9.3	✓
140	−42° 5887	9	58.7	−42	37	9.2	✓
141	−42° 5904	9	59.6	−42	28	9.4	✓
142	−43° 5872	9	58.2	−43	14	7.9	✓
143	−43° 5881	9	58.9	−43	10	8.8	✓
144	−43° 5894	9	59.7	−43	37	9.6	✓
145	−43° 5898	10	0.0	−43	59	8.8	✓
146	−44° 6154	9	59.5	−44	5	8.9	✓
147	−43° 5909	10 9	0.7	−43	22	9.7	✓
148	−43 5921	10	1.4	−43	20	8.6	✓
149	−43° 5897	9	59.9	−43	14	9.8	✓
150	−44° 5363	9	38.9	−43	40	8.8	✓
151	−43° 5870	9	39.4	−43	29	8.9	✓
152	−44° 5784	9	39.3	−44	2	8.2	✓
153	−44° 5799	9	39.9	−44	18	8.7	✓
154	−44° 5826	9	40.9	−44	4	9.2	✓
155	−44° 5832	9	41.1	−44	8	8.3	✓
156	−44 5846	9	41.6	−44	11	5.7	✓
157	−44° 5892	9	43.8	−44	19	9.3	✓
158	−44° 5927	9	45.9	−44	6	9.2	✓
159	−44° 5944	9	46.9	−44	34	8.1	✓
160	−44° 5953	9	47.3	−44	28	9.2	✓
	−43° 5706	9	48.3	−43	60	7.7	✓
161	~~−43° 5704~~	9	~~49.5~~	~~−42~~	~~58~~	~~9.8~~	
162	−43° 5700	9	48.0	−43	42	9.7	✓

−43° 5701 9 48.0 − 43 40 9.5 superposed

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1913phae.proj.2157C

Friday October 24, 1913

B 19157 plates

No.	Int.	class	Remark
✓ 163	1	a	
✓ 164	1	a	Partly superposed on 165
✓ 165	2	a0	
✓ 166	6	a5	
✓ 167	2	a0	
✓ 168	2	a0	
✓ 169	2	a0	
✓ 170	3	a	Another star superposed? Omit. Too many stars
✓ 171	4	F5	
✓ 172	2	K0	
✓ 173	5	K0	
✓ 174	2	a0	
✓ 175	5	B3	
✓ 176	1	K5	
✓ 177	3	B8	
✓ 178	2	K2	
✓ 179	7	a0	
✓ 180	4	B5	
✓ 181	3	a2	
✓ 182	10	a	
✓ 183	2	K0	
✓ 184	3	F8	
✓ 185	1	K5	
✓ 186	2	a5	
✓ 187	3	F5	
✓ 188	2	a0	
✓ 189	2	K2	

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163	−43° 5716 5717	9	49.0	−43	18	9.8	−43° 5717 superposed.
164	−42° 5704	9	47.5	−42	58	9.8	✓
165	−43° 5685	9	47.4	−43	4	9.8	✓
166	−43° 5683	9	47.2	−43	13	8.6	✓
167	−43° 5682	9	47.0	−43	20	9.9	✓
168	−43° 5659	9	45.5	−43	4	9.7	✓
169	−42° 5671	9	45.5	−42	59	9.7	✓
170	Omit.						
171	−44° 5995	9	50.0	−44	13	8.7	✓
172	−44° 6005	9	50.7	−44	15	8.7	✓
173	−44° 6018	9	51.4	−44	20	8.2	✓
174	−44° 6028	9	52.1	−44	17	9.4	✓
175	−45° 5606	9	52.4	−45	2	8.8	✓
176	−45° 5615	9	52.9	−45	20	8.5	✓
177	−45° 5632	9	54.0	−45	22	9.0	✓
178	−45° 5653	9	55.2	−45	26	8.7	✓
179	−44° 6098	9	56.2	−44	14	8.2	✓
180	−43° 5827	9	55.4	−43	50	9.5	✓
181	−43° 5817	9	54.7	−43	57	9.1	✓
182	−44° 6064	9	54.4	−44	22	6.9	✓
183	−44° 6062	9	54.2	−44	25	8.6	✓
184	−44 6044	9	53.0	−44	19	9.1	✓
185	−43° 5783	9	52.9	−43	41	9.0	✓
186	−43° 5795	9	53.3	−43	13	9.8	✓
187	−43° 5778	9	52.7	−43	6	9.1	✓
188	−43° 5804	9	54.1	−43	2	9.6	✓
189	−43° 5836	9	56.0	−43	10	9.1	✓

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1913phae.proj.2157C

Friday October 24, 1913

B 19157 short.

	No.	Int.	Class	Remarks
✓	190	2	A2	
✓	191	3	K0	
✓	192	3	A2	
✓	193	1	K	
11.50 ✓	194	3	A2	
	~~195~~			
	~~196~~			
✓	195	6	Ma	
✓	196	1.	K0	Partly sup. on 195
✓	197	3	A0	

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1913phae.proj.2157C

190	−42° 5844	9	56.1	−42	57	9.7	✓
191	−42° 5850	9	56.4	−42	58	8.2	✓
192	−42° 5855	9	56.6	−42	59	9.6	✓
193	−43° 5856	9	57.2	−43	2	9.3	✓
194	−43° 5848	9	56.9	−43	41	9.8	

Identified on cards by A.M.C. June 6, 1914
Identified here June 18th 1914 H.D.W.
Identification compared cards + book, by E.R.B.

195	−40° 5626	9	51.0	−40	14	7.1
196	−40° 5628	9	51.1	−40	11	9.0
197	−40° 5631	9	51.6	−40	22	9.1

Ident. in book by M.A.H. Oct. 19, 1916
" on cards " A.M.C. " " "

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1913phae.proj.2157C

Friday October 24, 1913

12.00 B3594 9 long.

No.	Dist.	Class	Remark
✓ 1	6	A2	
✓ 2	6	A3	
✓ 3	10	F0	
✓ 4	6	G5	
✓ 5	5	K0	
✓ 6	3	A0	
✓ 7	4	A0	
✓ 8	8	Bq	Poor focus
✓ 9	3	A0	
✓ 10	3	Bq	
✓ 11	2	A0	
✓ 12	5	A0	
✓ 13	3	A0	Partly superposed on 12
✓ 14	4	K0	
✓ 15	3	A0	
✓ 16	3	G0	
✓ 17	2	F2	
✓ 18	3	F5	
✓ 19	3	F5	
✓ 20	4	A2	
✓ 21	3	A0	
✓ 22	5	F5	
✓ 23	4	A2	
✓ 24	4	A0	Another star superposed?
✓ 25	4	mb	
✓ 26	3	A0	
✓ 27	3	A0	

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1913phae.proj.2157C

1	−38° 5541	9	19.3	−38	54	6.5
2	−39° 5507	9	21.6	−39	58	6.8
3	−39° 5580	9	25.8	−39	55	3.7
4	−40° 5284	9	27.4	−40	6	6.0
5	−42° 5462	9	33.2	−42	38	6.0
6	−42° 5478	9	31.2	−42	18	9.3
7	−41° 5281	9	37.1	−41	42	7.3
8	−44° 5846	9	41.6	−44	11	5.7
9	−43° 5433	9	30.9	−43	38	7.8
10	−44° 5596	9	30.0	−44	16	7.3
11	−44° 5578	9	28.5	−44	39	8.4
12	−44° 5503	9	23.9	−44	57	7.3
13	−44° 5505	9	24.0	−44	57	7.5
14	−45° 5202	9	25.9	−45	1	7.0
15	−46° 5217	9	26.6	−45	4	8.2
16	−44° 5529	9	25.6	−44	19	8.0
17	−44° 5523	9	25.2	−44	22	8.1
18	−43° 5332	9	24.8	−43	59	7.4
19	−43° 5326	9	24.6	−43	60	7.3
20	−43° 5337	9	25.1	−43	25	8.0
21	−42° 5338	9	25.1	−42	40	8.8
22	−42° 5328	9	24.6	−42	38	7.0
23	−42° 5301	9	23.0	−42	2	7.5
24	−41° 5091	9	21.6	−41	43	7.1
25	−43° 5262	9	20.4	−43	26	7.2
26	−43° 5250	9	19.7	−43	21	8.5
27	−43° 5215	9	17.8	−43	34	8.5

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1913phae.proj.2157C

Friday October 24, 1913

B 35949 long.

	No.	Dist.	Class	Remark
✓	28	3	A_0	
✓	29	7	K_0	
12.05 ✓	30	7	a	E
	31			

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1913phae.proj.21570

28	-44° 3430	9	18.6	-44 2b	8.0
29	~~-46°~~ -45° 3099	9	17.8	-45 31	6.4
30	-46° 3146	9	19.2	-46 22	6.6

Identified on cards by Anne. July 27, 1914

Identified here August 3 1914 FDW.

Compared by M. A. He. ~~Oct~~ Aug. 4, 1914

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1913phae.proj.2157C

Friday Oct. 24, 1913

12.5"

B 39945 short

No.	Int.	class	Remark
✓ 1	1	F5	
✓ 2	8	A0	
✓ 3	2	G0	
✓ 4	4	A3	
✓ 5	5	F8	
✓ 6	6	B9	Another plate superposed at south-
✓ 7	1	A5	
✓ 8	2	F0	
✓ 9	2	A0	
✓ 10	1	A5	
✓ 11	3	G5	
✓ 12	2	A3	
✓ 13	1	A	
✓ 14	6	F2	
✓ 15	1	F5	
✓ 16	3	G0	
✓ 17	6	F2	
✓ 18	2	K0	
✓ 19	3	G5	
✓ 20	2	F5	
✓ 21	2	K2	
✓ 22	4	A0	
✓ 23	2	ma	
✓ 24	1	A0	
✓ 25	2	G0	
✓ 26	1	K5	~~A0~~
✓ 27	5	A2	Another plate of same class superposed & following

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1913phae.proj.2157C

1	−43° 5274	9	21.3	−43	27	9.6	✓	
2	−43° 5284	9	22.0	−43	42	9.7	✓	
3	−43° 5283	9	21.9	−43	2	9.5	✓	
4	−43° 5302	9	23.0	−43	6	9.1	✓	
5	−43° 5319	9	24.1	−43	16	8.8	✓	
6	−42° 5288	9	21.9	−42	32	9.1	✓	−42° 5297 9 21.9 −42 35 9.3 superposed
7	−42° 5296	9	22.7	−42	42	9.6	✓	
8	−42° 5306	9	23.3	−42	34	9.4	✓	
9	−42° 5313	9	23.6	−42	32	9.4	✓	
10	−42° 5311	9	23.5	−42	21	9.7	✓	
11	−42° 5323	9	24.2	−42	16	9.0	✓	
12	−41° 5122	9	24.5	−41	47	9.0	✓	
13	−41° 5130	9	25.0	−41	60	9.3	✓	
14	−41° 5128	9	24.7	−41	22	8.1	✓	
15	−41° 5137	9	25.4	−41	41	9.3	✓	
16	−41° 5140	9	25.7	−41	37	8.3	✓	
17	−41° 5151	9	26.6	−41	21	8.0	✓	
18	−41° 5154	9	26.9	−41	57	8.3	✓	
19	−41° 5162	9	27.6	−41	42	8.4	✓	
20	−41° 5165	9	27.9	−41	28	8.9	✓	−41° 5164 9 27.8 −41 31 9.0 superposed
21	−41° 5182	9	29.4	−41	14	8.3	✓	
22	−40° 5317	9	29.4	−40	52	9.1	✓	
23	−40° 5316	9	29.3	−40	30	8.0	✓	
24	−40° 5321 5318	9	29.6	−40	35	9.1	✓	
25	−40° 5318	9	29.4	−40	25	8.9	✓	
26	−40° 5333	9	30.2	−40	51	8.9	✓	
27	−40° 5336	9	30.4	−40	55	8.3	✓	−40° 5337 9 30.5 −40 54 9.5 superposed.

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Friday Oct. 24, 1913

B 39945

No.	Dur.	class	Remarks
✓ 28	2	A3	
✓ 29	2	F5	
✓ 30	3	F8	
✓ 31	2	K2	
✓ 32	2	A3	
✓ 33	3	A0	
✓ 34	2	A2	
✓ 35	1	A2	
✓ 36	1	A0	
✓ 37	2	A0	
✓ 38	4	K0	
✓ 39	2	A0	
✓ 40	2	A2	
✓ 41	1	B5	
✓ 42	2	A0	
✓ 43	3	A0	
✓ 44	2	A0	
✓ 45	2	A0	
✓ 46	2	K2	
✓ 47	4	A2	
✓ 48	1	B5	
✓ 49	2	F5	
✓ 50	2	A0	
✓ 51	2	A0	
✓ 52	3	K2	
✓ 53	2	K0	
✓ 54	2	F8	

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1913phae.proj.2157C

28	-41° 5202	9	31.3	-41	18	9.0
29	-41° 5205	9	31.4	-41	39	9.0
30	-41° 5208	9	31.7	-41	32	8.9
31	-41° 5219	9	32.3	-41	28	8.6
32	-41° 5221	9	32.4	-41	23	9.2
33	-40° 5386	9	33.6	-40	52	9.4
34	-41° 5244	9	34.1	-41	12	9.0
35	-41° 5238	9	33.8	-41	38	9.3
36	-41° 5276	9	36.5	-41	51	9.5
37	-42° 5474	9	33.9	-42	28	9.7
38	-42° 5452	9	32.3	-42	42	8.7
39	-42° 5441	9	31.9	-42	16	9.6
40	-43° 5428	9	30.7	-43	19	9.6
41	-43° 5442	9	31.3	-43	21	9.1
42	-43° 5436	9	32.5	-43	23	9.6
43	-43° 5454	9	32.4	-43	43	9.4
44	-43° 5437	9	31.2	-43	47	9.1
45	-44° 5603	9	30.5	-44	4	9.4
46	-44° 5644	9	32.6	-44	11	8.4
47	-44° 5675	9	34.1	-44	56	9.0
48	-44° 5681	9	34.3	-44	52	9.3
49	-45° 5308	9	34.7	-45	12	9.1
50	-45° 5314	9	35.1	-45	6	9.4
51	-44° 5709	9	35.7	-44	60	9.4
52	-45° 5336	9	36.3	-45	36	8.0
53	-45° 5347	9	37.1	-45	26	8.6
54	-45° 5369	9	39.0	-45	9	9.2

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Friday Oct. 24, 1913

B 39945 short.

	No	Dist.	class	Remarks
✓	55	1	a_0	
✓	56	2	a_2	
✓	57	1	K_0	
1.00 ✓	58	2	a_2	
Monday Oct. 27 1913 ✓	59	3	F_5	
9.45 ✓	60	1	K_5	
✓	61	2	K_2	
✓	62	2	a_2	
✓	63	2	a_0	
✓	64	2	a_0	
✓	65	1	K_5	
✓	66	2	a_3	
✓	67	3	a_2	
✓	68	2	a_2	
✓	69	3	K_2	
✓	70	3	a_2	
✓	71	3	F_5	
✓	72	2	K_0	
✓	73	3	a_5	
✓	74	3	a_2	
✓	75	3	a_3	
✓	76	3	K_0	
✓	77	2	K_2	
✓	78	3	K_2	
✓	79	2	F_0	
✓	80	1	a_3	

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55	−44° 5793	9	39.6	−44	49	9.3
56	−44° 5808	9	40.2	−44	51	9.6
57	−44° 5875	9	43.0	−44	58	8.9
58	−44° 5888	9	43.7	−44	59	9.4
59	−43° 5500	9	34.9	−43	40	9.0
60	−43° 5498	9	34.8	−43	44	9.1
61	−44° 5708	9	35.7	−44	2	9.4
62	−44° 5687	9	34.7	−44	37	9.4
63	−44° 5697	9	35.0	−44	30	9.3
64	−44° 5722	9	36.3	−44	36	9.4
65	−44° 5723	9	36.3	−44	16	8.6
66	−44° 5754	9	37.7	−44	29	9.3
67	−44° 5764	9	38.2	−44	29	9.3
68	−42° 5519	9	36.0	−42	57	9.6
69	−42° 5537	9	37.1	−42	47	8.6
70	−43° 5364	9	26.8	−43	45	9.1
71	−43° 5368	9	27.0	−43	28	9.3
72	−44° 5571	9	24.4	−44	15	8.3
73	−44° 5536	9	26.3	−44	42	9.1
74	−44° 5545	9	26.6	−44	41	9.4
75	−44° 5589	9	29.5	−44	13	9.3
76	−44° 5601	9	30.2	−44	40	8.7
77	−42 5381	9	28.1	−42	14	9.1
78	−42° 5393	9	28.7	−42	2	8.9
79	−41° 5172	9	28.7	−41	40	9.3
80	−41° 5190	9	29.9	−41	32	9.6

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Monday Oct. 27, 1913

B 39945 short

No	Dist.	Class	Remark
✓ 82	2	K0	
✓ 83	1	K2	
✓ 84	1	A5	
✓ 85	2	A2	
✓ 85	2	A0	
✓ 86	3	G0	
✓ 87	2	B9	
✓ 88	1	G0	
✓ 89	2	F8	
✓ 90	2	K5	
✓ 91	3	K0	
✓ 92	3	G5	
✓ 93	2	K2	
✓ 94	1	K2	
✓ 95	1	K0	
✓ 96	4	F2	
✓ 97	2	A2	
✓ 98	3	F5	
✓ 99	2	B9	
✓ 100	3	F8	
✓ 101	5	G5	
✓ 102	2	A0	
✓ 103	2	F5	
✓ 104	2	A0	
✓ 105	2	A2	
✓ 106	6	F8	
✓ 107	2	A5	

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1913phae.proj - 2157C

81	−41° 5191	9	30.0	−41	34	8.6
82	−42° 5402	9	29.3	−42	4	9.3
83	−42° 5386	9	28.4	−42	24	9.7
84	−42° 5380	9	28.1	−42	41	9.7
85	−43° 5375	9	27.6	−43	4	9.6
86	−40° 5194	9	20.5	−40	50	8.4
87	−40° 5198	9	20.9	−40	35	9.1
88	−40° 5208	9	21.6	−40	48	9.0
89	−42° 5102	9	22.5	−42	7	8.9
90	−42° 5106	9	22.9	−42	4	8.5
91	−40° 5233	9	23.7	−40	56	8.5
92	−40° 5228	9	23.2	−40	43	8.9
93	−40° 5224	9	23.0	−40	39	8.5
94	−41° 5092	9	21.7	−41	26	8.8
95	−41° 5110	9	23.3	−41	40	8.7
96	−40° 5251	9	25.0	−40	29	8.5
	~~−40° 5194~~	~~9~~	~~20.5~~	~~−40~~	~~50~~	~~8.4~~
97	−40° 5254	9	25.2	−40	44	9.4
98	−40° 5267	9	25.8	−40	51	8.5
99	−40° 5261	9	25.6	−40	39	9.3
100	−40° 5282	9	27.0	−40	51	8.5
101	−40° 5288	9	27.5	−40	38	7.9
102	−39° 5566	9	24.9	−39	60	9.6
103	−40° 5245	9	24.4	−40	14	9.2
104	−40° ~~5295~~ 5301	9	28.3	−40	~~7~~ 11	9.3
105	−40° 5311	9	29.1	−40	5	9.3
106	−39° 5638	9	29.5	−39	55	7.7
107	−40° 5340	9	30.6	−40	9	8.8

C.P.D. −40° 3620 9 25.8 −40 51 9.3 (not in tDO) is superposed

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1913phae.proj.2157C

Monday Oct 27, 1913

9.55 . B39945 short.

	No.	Dur.	Class	Remarks
10.05	✓ 108	2	F0	
	✓ 109	4	F2	
	✓ 110	2	K0	
	✓ 111	4	F0	
	✓ 112	4	A2	
	✓ 113	7	F8	
	✓ 114	3	K0	
	✓ 115	2	A0	
	✓ 116	1	A0	Partly superposed on 115
	✓ 117	3	A0	
	✓ 118	3	A0	
	✓ 119	2	G5	
	✓ 120	2	G5	
	✓ 121	3	K0	
	✓ 122	4	A0	
	✓ 123	3	F8	
	✓ 124	2	G5	
	✓ 125	3	G5	
	✓ 126	2	Mc	Var?
	✓ 127	2	K2	
	✓ 128	1	K0	
	✓ 129	1	A0	
	✓ 130	2	A0	
	✓ 131	2	F5	
10.08	✓ 132	3	A	E.
	✓ 133	2	K0	
	✓ 134	2	A2	

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1913phae.proj-2157C

108	−40° 5355	g	31.3	−40	30	8.9	✓
109	−39° 5691	g	32.9	−39	57	8.7	✓
110	−39° 5695	g	33.3	−39	50	9.0	✓
111	−40° ~~54~~ 5399	g	34.4	−40	6	8.5	✓
112	−39° 5686	g	32.7	−39	10	8.3	✓ −39° 5688 g 32.7 −39 12 9.9 sub.
113	−39° 5697	g	33.6	−39	3	7.0	✓
114	−~~39~~ 38° 5771	g	34.0	−39 38	58	7.6	✓
115	−39° 5711	g	34.3	−39	*37	9.5	✓
116	−39° 5712	g	34.3	−39	*39	9.4	✓
117	−39° ~~5763~~ 5727	g	~~38.9~~ 35.4	~~−39~~ −39	~~30~~ 29	~~8.3~~ 8.5	✓
118	−39° 5742	g	36.1	−39	9	8.5	✓
119	−39° 5733	g	35.8	−39	60	9.0	✓
120	−40° 5431	g	37.1	−40	8	9.1	✓
121	−40° 5440	g	37.6	−40	7	8.3	✓
122	−39° 5783	g	38.9	−39	30	8.3	✓
123	−39° 5651	g	30.5	−39	39	8.4	✓
124	−39° 5639	g	29.5	−39	31	8.9	✓
125	−39° 5650	g	30.41	−39	18	8.7	✓
126	−39° 5653	g	30.6	−39	20	8.8	✓
127	−39° 5685	g	32.6	−39	43	8.7	✓
128	−39° 5669	g	31.8	−39	58	9.0	✓
129	−40° 5364	g	31.9	−40	1	9.3	✓
130	−40° 5384	g	33.6	−40	33	9.7	✓ −40° 5385 g 33.6 −40 ~~33~~ 32 10 superposed.
131	−40° 5367	g	32.1	−40	47	9.3	✓
132	−38° 5823	g	37.5	−38	56	8.7	✓
133	−40° 5496	g	41.4	−40	33	9.0	✓
134	−42° 5567	g	38.9	−42	11	9.6	✓

* Slight errors in dec. in cDm. chart plate a 27197 agrees with CPD 2nd spectrum plate B 39945

= CPD 3788 g 34.3 −39 38 8.9

* Slight error in dec. in cDm. chart plate agrees with CPD 2nd spectrum plate B 39945

= CPD 3792 g 34.3 −39 38 9.2

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1913phae.proj.2157C

Monday October 27, 1913

B 39945 short

No.	Int	Class	Remarks
✓ 135	1	a_0	
✓ 136	1	a_0	
✓ 137	1	K_2	
10,10 ✓ 138	2	K_2	
T 39			
140			
141			
142			
143			
0			
139	2	a_2	
140	10	a_3	

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1913phae.proj.21570

135	-42° 5582	9	39.9	-42	41	9.9
136	-42° 5583	9	39.9	-42	47	9.9
137	-41° 5362	9	43.6	-41	43	9.0
138	-41° 5376	9	44.6	-41	44	8.9

Identified on cards by AMC. July 7, 1914
Identified here July 11 1914 S.D.W.
Compared by M.A.H.

139	-41°4388	9	15.2	-41	35	327 on B 3844
140	-39 5507	9	21.6	-39	58	2 on B 3596

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1913phae.proj.2157C

Monday October 27, 1913

10.40 B 40189 shots

No	Dist.	Class	Remarks
✓ 1	7	A0	
✓ 2	3	A2	
✓ 3	1	A0	
✓ 4	1	K2	
✓ 5	5	K0	
✓ 6	4	G5	
✓ 7	2	A5	
✓ 8	1	F0	
✓ 9	1	K2	
✓ 10	2	A0	~~F0~~
✓ 11	2	G0	
✓ 12	3	F2	
✓ 13	4	K2	
✓ 14	7	A2	
✓ 15	4	A0	
✓ 16	5	F2	
✓ 17	3	A0	
✓ 18	4	A0	
✓ 19	2	K0	
✓ 20	1	K2	
✓ 21	3	G5	
✓ 22	4	F0	
✓ 23	7	G5	
✓ 24	2	A3	
✓ 25	4	A2	
✓ 26	6	F2	
✓ 27	2	A0	

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1913phae.proj-21576

1	-46° 5759	9	58.4	-46	2	6.5
2	-45° 5711	9	58.6	-45	5	8.3
3	-45° 5717	9	58.8	-45	9	9.3
4	-44° 6130	~~10~~ 9	58.5	-44	50	8.8
5	-45° 5735	10	0.1	-45	18	7.5
6	-44° 6191	10	1.6	-44	46	7.9
7	-44° 6180	10	1.0	-44	32	9.3
8	-44° 6156	~~10~~ 9	59.7	-44	14	9.7
9	-43° 5935	10	2.3	-43	54	8.9
10	-44° 6207	10	2.3	-44	36	9.3
11	-44° 6215	10	2.9	-44	28	9.5 (4.)
12	-44° 6225	10	3.4	-44	24	9.2
13	-44° 6252	10	4.8	-44	35	7.3
14	-44° 6264	10	5.4	-44	42	7.2
15	-44° 6262	10	5.7	-44	34	8.3
16	-45° 5812	10	5.1	-45	11	7.7
17	-45° 5792	10	3.5	-45	25	8.9
18	-45° 5770	10	2.3	-45	35	9.0
19	-45° 5774	10	2.5	-45	3	8.7
20	-45° 5775	10	2.6	-45	10	8.9
21	-45° 5836	10	6.9	-45	2	8.7
22	-44° 6295	10	7.8	-44	33	8.9
23	-44° 6285	10	6.8	-44	6	7.2
24	-43° 5995	10	5.0	-43	51	9.7
25	-43° 6002	10	5.3	-43	50	9.3
26	-43° 6008	10	5.9	-43	28	8.2
27	-43° 6010	10	6.0	-43	38	9.3

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1913phae.proj.2157C

Monday October 27, 1913

B 40, 89 plates.

No.	Dur.	class	Remarks
v 28	2	A0	
✓ 29	3	K2	
✓ 30	2	K0	
✓ 31	2	F2	
v 32	7	A0	
✓ 33	1	K5	
✓ 34	2	F5	
✓ 35	8	K5	
✓ 36	8	B9	
✓ 37	3	A0	
✓ 38	8	B9	
v 39	4	A0	
✓ 40	10+	A2	
✓ 41	2	K0	
✓ 42	2	G0	
v 43	2	G5	
v 44	1	G5	
v 45	3	K0	
v 46	2	K0	
v 47	1	K5	faint. May be Mira
✓ 48	2	K2	
v 49	4	A0	Partly superposed on 50.
v 50	5	G5	
v 51	2	A2	
v 52	2	K5	
v 53	1	K	Partly superposed on 54
✓ 54	1	F5	

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1913phae.proj.2157C

28	-43° 6039	10	7.4	-43	38	9.6
29	-43° 6043	10	7.6	-43	24	8.3
30	-43° 6047	10	8.3	-43	48	8.9
31	-43° 6066	10	8.7	-43	39	9.5
32	-43° 6068	10	8.9	-43	28	7.8
33	-43° 6046	10	7.9	-43	10	9.0
34	-43° ~~6050~~ 6076	~~10~~ 10	~~9.6~~ 9.4	~~-43~~ -43	~~8~~ 0	~~9.8~~ 9.3
35	-42° 6074	10	10.3	-42	29	6.2
36	-42° 6059	10	9.1	-42	11	7.8
37	-42° 6063	10	9.5	-42	4	9.6
38	-41° 5717	10	9.6	-41	46	7.7
39	-41° 5722	10	9.9	-41	44	8.5
40	-41° 5713	10	9.5	-41	30	4.0
41	-41° 5718	10	9.7	-41	56	8.6
42	-41° 5719	10	9.8	-41	60	9.6
43	-42° 6070	10	9.9	-42	4	9.0
44	-42° 6048	10	8.3	-42	~~26~~ 22	~~8.7~~ 9.0
45	-42° 6052	10	8.5	-42	~~34~~ 26	~~9.0~~ 8.9
46	-42° 6052	10	8.6	-42	34	9.0
47	-42° 6056	10	8.8	-42	39	8.9
48	-42° 6042	10	8.1	-42	52	8.8
49	-43° 5968	10	3.9	-43	6	9.4
50	-43° 5970	10	4.0	-43	5	7.7
51	-42° 5970	10	3.5	-42	36	9.8
52	-43° 6007	10	5.9	-43	12	8.6
53	-43° 6006	10	5.7	-43	2	9.3
54	-42° 6008	10	5.7	-42	59	9.1

-42° 6069 mag. 10 suf.

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1913phae.proj.2157C

Monday October 27, 1913

B 4018 9 short

	No.	Dist.	Class	Remark
✓	55	2	F0	
✓	56	2	K0	
✓	57	6	K0	
✓	58	4	A2	
✓	59	2	A3	
✓	60	1	G5	
✓	61	2	K2	
✓	62	3	A2	
✓	63	4	A0	
✓	64	9	A0	
✓	65	2	K5	
✓	66	3	F8	
✓	67	1	K5	
✓	68	2	A0	
✓	69	7	B9	
✓	70	5	A2	
✓	71	5	F8	
✓	72	2	F2	
✓	73	5	A0	
✓	74	3	A3	
✓	75	6	A0	
✓	76	3	A0	
✓	77	2	G0	
✓	78	2	A0	
✓	79	1	K	
✓	80	6	A0	
✓	81	3	A	

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1913phae.proj.2157C

55	−43° 6100	10	11.0	−43	13	9.4	✓
56	−43° 6098	10	10.7	−43	37	9.7	✓ −43° 6098 10 10.7 −43 37 9.7 superposed
57	−43° 6082	10	9.8	−43	57	7.0	✓
58	−44° 6320	10	9.6	−44	16	8.6	✓
59	−42° 6080	10	10.9	−42	56	9.6	✓
60	−42° 6085	10	11.2	−42	42	9.6	✓
61	−42° 6092	10	11.5	−42	22	9.2	✓
62	−42° 6079	10	10.9	−42	16	9.4	✓
63	−41° 5746	10	11.8	−41	27	8.9	✓
64	−41° 5765	10	13.2	−41	3	6.5	✓
65	−42° 6111	10	12.6	−42	6	8.6	✓
66	−42° 6119	10	13.3	−42	7	9.6	✓ −42° 6120 10 13.3 −42 6 mags 10 (cpd mags. 9.5) superposed
67	−41° 5759	10	12.8	−41	50	9.3	✓
68	−42° 6139	10	14.5	−42	10	9.8	✓
69	−42° 6153	10	15.5	−42	15	7.5	✓
70	−42° 6135	10	14.3	−42	43	8.3	✓
71	−42° 6150	10	15.2	−42	36	8.1	✓
72	−43° 6178	10	15.8	−43	14	8.8	✓
73	−43° 6183	10	16.0	−43	55	8.1	✓
74	−44° 6403	10	15.3	−44	12	9.2	✓ −44° 6404 10 15.3 −44 14 9.9 suboan.
	−45° 5959	10	14.3	−45	1	7.8	
75	~~−44° 6406~~	10	15.3	−44	19	9.1	✓
76	−45° 5966	10	14.9	−45	7	9.0	✓
77	−44° 6363	10	12.3	−44	27	9.0	✓
78	−44° 6371	10	13.2	−44	49	9.7	✓
79	−44° 6369	10	13.0	−44	57	9.0	✓
80	−45° 5913	10	11.2	−45	47	8.4	✓
81	−46° 5975	10	11.5	−46	16	9.8	✓

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1913phae.proj.2157C

Monday October 27, 1913
B 40189 shorts.

No.	Dec.	Class	Remark
✓ 82	8	Fo	
✓ 83	3	A2	
✓ 84	3	F8	
✓ 85	6	Ao	
✓ 86	2	K5	
✓ 87	3	Ko	
✓ 88	5	Ao	
✓ 89	4	Ao	
✓ 90	2	Go	
✓ 91	1	Ko	
✓ 92	3	G5	
✓ 93	7	Ao	
✓ 94	6	A5	
✓ 95	2	Ko	
✓ 96	2	K5	
✓ 97	1	G5	
✓ 98	3	F8	
✓ 99	2	Ko	
✓ 100	5	A2	
✓ 101	4	A2	
✓ 102	3	Ko	
✓ 103	3	K2	
✓ 104	2	Ko	
✓ 105	3	A2	
✓ 106	2	A2	
✓ 107	3	K2	
✓ 108	9	Ko	

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1913phae.proj.2157C

~~82~~							
82 ~~83~~	−46° 5987	10	12.2	−46	13	7.2	✓
83 ~~84~~	−45° 5943	10	13.0	−45	38	9.0	✓
84 ~~85~~	−45° 5949	10	13.5	−45	40	8.7	✓
85 ~~86~~	−45° 5960	10	14.4	−45	36	8.3	✓
86 ~~87~~	−45° 5969	10	15.0	−45	29	8.1	✓
87 ~~88~~	−45° 6000	10	16.7	−45	14	8.4	✓
88 ~~89~~	−44° 6027	10	17.0	−44	42	8.1	✓
89 90	−44° 6042	10	18.2	−44	7	8.8	✓
90	−43° 6205	10	17.5	−43	57	8.9	✓
91	−43° 6190	10	16.5	−43	53	9.5	✓ −43° 6191 10 16.6 −43 54 9.5 superposed
92	−43° 6221	10	18.3	−43	29	8.9	✓ −43° 6220 10 18.3 −43 30 9.5 superposed.
93	−43° 6224	10	18.5	−43	37	7.7	✓
94	−43° 6229	10	18.9	−43	24	7.6	✓
95	−42° 6175	10	17.2	−42	55	9.0	✓
96	−42° 6156	10	15.8	−42	37	8.9	✓
97	−42° 6157	10	16.0	−42	41	9.4	✓
98	−42° 6171	10	17.0	−42	35	9.3	✓
99	−42° 6186	10	17.8	−42	28	8.6	✓
100	−42° 6187	10	17.9	−42	32	8.9	✓
101	−42° 6191	10	18.2	−42	38	9.1	✓
102	−41° 5785	10	15.3	−41	26	8.3	✓
103	−41° 5794	10	16.0	−41	32	8.3	✓
104	−41° 5799	10	16.4	−41	15	8.9	✓
105	−41° 5805	10	16.8	−41	43	9.1	✓
106	−41° 5807	10	16.9	−41	49	9.0	✓
107	−41° 5831	10	18.2	−41	27	8.5	✓
108	−41° 5809	10	17.0	−41	1	5.3	✓

Looked upon as B26982. Identical with the Bonchem cluster, with Bonchem sup. Both projected have same singular ep. A.J.C.

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1913phae.proj.2157C

Monday Oct. 27, 1913

B 40159 short

	No.	Int.	Class	Remark
✓	109	3	A2	
✓	110	7	K0	
✓	111	4	A0	
✓	112	2	F8	
✓	113	2	A0	
✓	114	8	K0	
✓	115	4	F0	
✓	116	7	K2	
✓	117	2	K0	
11.00	✓	118	3	K2
		~~119~~		
		~~120~~		
		119	8	Aw
1		120	2	Ma

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1913phae.proj.2157C

109	−41° 5827	10	17.9	−41	10	9.5
110	−41° 5833	10	18.3	−41	19	6.8
111	−42° 6197	10	18.9	−42	7	8.5
112	−41° 5847	10	19.5	−41	59	9.4
113	−42° 6211	10	19.9	−42	9	9.5
114	−41° 5850	10	19.9	−41	50	6.7
115	−41° 5851	10	20.0	−41	37	8.7
116	−42 6222	10	20.8	−42	6	6.5
117	−42° 6223	10	20.9	−42	15	8.7
118	−42° 6225	10	21.1	−42	46	8.5

Identified on cards by ANC July 9, 1914
Identified here July 10 1914 V.W.
Compared by M. + H.

119	−44° 6064	9	56.4	−44	22	6.8	18 sm Bis 57
120	−43 6304	10	24.2	−43	49	9.1	38 sm Bis 39

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1913phae.proj.2157C

Tuesday October 28, 1913.

B 13040 clear

	No.	Dist.	Class	Remarks.
10.45	1	3	K0	
	2	10+	K	
	3	2	A0	
	4	2	K2	
	5	7	K0	
	6	1	F5	
	7	7	K0	
	8	9	A5	
	9	10	B5	
	10	2	K0	
	11	3	A0	
	12	3	A0	
	13	6	F2	
	14	1	K5	
	15	5	F2	
	16	2	A0	
	17	1	K0	
	18	3	B8	
	19	2	A0	
	20	1	A	
	21	1	A	
	22	5	B9	
	23	1	F	
	24	2	F	
	25	4	K5	
	26	5	F2	
	27	3	A2	

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1913phae.proj - 2157C

1	-46°	5785	10	0.1	-46	20.0	7.9 ✓
2	-46°	5806	10	1.2	-46	45.6	5.7 ✓
3	-46°	5855	10	3.6	-46	26.0	9.4 ✓
4	-46°	5857	10	3.7	-46	41.8	8.1 ✓
5	-46°	5879	10	4.8	-46	49.8	7.4 ✓
6	-46°	5889	10	5.3	-46	56.0	9.8 ✓
7	-47°	5601	10	5.3	-47	23.8	7.0 ✓
8	-47°	5576	10	4.2	-47	41.8	6.9 ✓
9	-47°	5561	10	2.7	-47	38.8	6.7 ✓
10	-47°	5560	10	2.6	-47	54.8	8.4 ✓
11	-48°	5292	10	1.4	-48	2.8	9.1 ✓
12	-48°	5286	10	1.2	-48	30.0	9.0 ✓
13	-48°	5340	10	4.1	-48	14.8	8.0 ✓
14	-49°	4956	10	2.0	-49	21.5	8.1 ✓
15	-49°	4994	10	4.2	-49	10.3	7.9 ✓
16	-49°	5005	10	4.8	-49	20.2	9.4 ✓
17	-49°	5003	10	4.8	-49	38.0	9.1 ✓
18	-49°	5033	10	6.6	-49	23.4	8.9 ✓
19	-49°	5037	10	6.9	-49	12.5	9.0 ✓
20	-49°	5029	10	6.3	-49	3.6	9.4 ✓
21	-49°	5022	10	6.1	-49	5.0	9.3 ✓
22	-48°	5400	10	7.2	-48	10.2	8.5 ✓
23	-48°	5384	10	6.6	-48	19.1	9.3 ✓
24	-48°	5382	10	6.4	-48	14.4	9.2 ✓
25	-47°	5655	10	8.1	-47	18.0	7.3 ✓
26	-47°	5672	10	8.9	-47	23.7	8.7 ✓
27	-46°	5932 / 5923	10	8.7 / 8.8	-46	58.6	9.2 / 8.5 ✓

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1913phae.proj.2157C

Tuesday October 28, 1913

J R 13040 short

No.	Dist.	Class	Remark
28	3	K0	
29	4	F0	
30	3	A0	
31	3	F8	
32	1	F0	
33	1	G5	
34	2	F8	
35	3	A0	
36	4	K0	
37	3	G0	
38	2	G5	
39	8	B9	
40	4	B9	
41	1	G5	
42	1	B9	
43	1	K5	
44	1	A	
45	3	K0	
46	3	K5	
47	2	G0	
48	1	Ma	
49	9	A0	
50	7	K5	
51	4	K5	
52	7	A0	
53	4	A0	
54	2	A3	

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1913phae.proj.2157C

28	-46°	5923	10	8.0	-46	51.6	8.5	✓
29	-46°	5933	10	8.9	-46	6.5	8.1	✓
30	-46°	5930	10	8.7	-46	6.3	8.7	✓
31	-45°	5811	10	5.0	-45	51.3	8.7	✓
32	-46°	5886	10	5.0	-46	0.7	9.6	✓
33	-47°	5581	10	4.2	-47	0.3	9.5	✓
34	-47°	5578	10	4.2	-47	6.5	9.2	✓
35	-47°	5683	10	9.6	-47	39.6	9.4	✓
36	-47°	5701	10	10.5	-47	22.3	8.3	✓
37	-48°	5437	10	9.2	-48	6.0	8.1	✓
38	-47°	5704	10	10.7	-47	56.7	8.8	✓
39	-48°	5469	10	10.6	-48	36.0	8.0	✓
40	-49°	5100	10	11.4	-49	2.4	8.3	✓
41	-49°	5083	10	10.0	-49	16.9	8.7	✓
42	-49°	5066	10	8.8	-49	9.5	9.4	✓
43	-48°	5487	10	11.8	-48	44.3	8.4	✓
44	-48°	5493	10	12.1	-48	23.6	9.3	✓
45	-48°	5504	10	13.1	-48	8.2	8.3	✓
46	-47°	5748	10	12.6	-47	47.6	7.7	✓
47	-47°	5751	10	12.8	-47	43.9	9.2	✓
48	-47°	5745	10	12.5	-47	19.4	8.7	✓
49	-47°	5782	10	14.8	-47	20.0	7.0	✓
50	-47°	5790	10	15.2	-47	4.3	5.8	✓
51	-46°	6027	10	15.7	-46	56.2	7.7	✓
52	-47°	5825	10	17.3	-47	20.6	7.7	✓
53	-46°	6015	10	14.8	-46	28.1	8.7	✓
54	-46°	6016	10	14.8	-46	20.2	9.2	✓

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1913phae.proj.2157C

Tuesday October 28, 1913

B 13040 short.

No.	Dist.	Class	Remark
55	4	F0	
56	2	G5	
57	5	A0	
58	3	A0	
59	10	F0	
60	5	A0	
61	7	F5	
62	3	A3	
63	6	B5	
64	4	B3	
65	6	K2	
66	4	A5	
67	8	F0	
68	4	F5	
69	7	F0	
70	7	B3	
71	5	F0	
72	3	A0	
73	1	K2	
74	2	K5	
75	3	A0	
76	1	A	
10.55 77	1	A2	
78	3	A3	
79	3	B3	
80			
81			

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1913pnae.proj.2157C

55	-46°	6003	10	13.7	-46	21.6	8.6 ✓
56	-45°	6008	10	17.0	-45	56.3	8.6 ✓
57	-46°	6065	10	18.2	-46	3.4	8.6 ✓
58	-46°	6076	10	19.0	-46	10.8	9.1 ✓
59	-47°	5895	10	21.6	-47	1.2	7.0 ✓
60	-47°	5901	10	22.2	-47	1.5	8.6 ✓
61	-47°	5908	10	22.8	-47	23.0	7.7 ✓
62	-48°	5674	10	24.0	-48	17.8	8.8 ✓
63	-48°	5670	10	23.8	-48	21.0	7.9 ✓
64	-48°	5654	10	22.9	-48	38.0	8.2 ✓
65	-48°	5655	10	22.9	-48	46.0	6.6 ✓
66	-49°	5265	10	22.1	-49	9.2	8.6 ✓
67	-49°	5235	10	20.1	-49	28.3	7.0 ✓
68	-49°	5210	10	18.4	-49	43.1	8.3 ✓
69	-49°	5205	10	18.1	-49	53.9	7.7 ✓
70	-48°	5576	10	17.1	-48	39.8	7.8 ✓
71	-48°	5574	10	17.1	-48	54.1	8.0 ✓
72	-49°	5186	10	16.7	-49	9.6	8.7 ✓
73	-49°	5191	10	17.1	-49	8.4	8.6 ✓
74	-49°	5140	10	13.7	-49	17.2	8.1 ✓
75	-49°	5154	10	14.3	-49	29.6	9.1 ✓
76	-49°	5172	10	15.6	-49	43.8	9.6 ✓
77	-49°	5176	10	16.0	-49	39.9	9.4 ✓
78	-49°	5193	10	17.1	-49	34.0	9.6 ✓
79	-48	5901	10	18.6	-48	58	8.9

7 m B 38573

Identified by J.C.M. Dec. 6, 1913

Checked by AMC. Jan. 15, 1914

Cards made out by G.R.B.

Cards checked by AMC.

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1913phae.proj.2157C

Tuesday October 28, 1913

11.00 B1378 short

No.	Dist.	Class	Remark
✓1	1	Net	No bright lines seen
✓2	1	G5	
✓3	1	A	
✓4	2	K2	
✓5	3	K5	
✓6	2	A0	
✓7	1	K2	
✓8	2	B8	
✓9	1	K5	
✓10	1	A	
✓11	2	F8	
✓12	2	K5	
✓13	1	K2	
✓14	1	G	(the following of two)
✓15	3	A0	
✓16	4	A0	
✓17	5	A0	
✓18	3	A0	
✓19	3	K5	
✓20	2	A0	
✓21	2	A2	
✓22	3	K0	
✓23	4	A2	
✓24	3	K2	
✓25	3	A2	
✓26	1	G5	Another slit superposed?
✓27	5	A0	

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1913phae.proj.2157C

1	−45° 5935	10	12.5	−45	48	neb.	✓
2	−46° 6000	10	13.3	−46	37	9.6	✓
3	−49° 5129	10	12.7	−49	6	9.5	✓
4	−48° 5563	10	16.5	−48	46	8.2	✓
5	−48 5598	10	18.4	−48	59	8.1	✓
6	−48° 5604	10	18.8	−48	60	9.1	✓
7	−48° 5604 (3)	10	18.8 (7)	−48	54	8.3	✓
8	−48° 5601	10	18.6	−48	50	8.9	✓
9	−48° 5608	10	19.0	−48	34	8.6	✓
10	−48° (5) 5616	10	19.8	−48	18	9.6	✓
11	−49° 5232	10	19.9	−49	17	9.4	✓
12	−49 5257	10	21.5	−49	15	8.6	✓
13	−49° 5266	10	22.1	−49	2	8.9	✓
14	−48° 5652	10	22.7	−48	59	9.3	✓
15	−49 5275	10	22.8	−49	19	9.6	✓
16	−49° 5290	10	23.8	−49	13	9.2	✓
17	−49° 5278	10	23.2	−49	36	9.5	✓
18	−49° 5273	10	22.7	−49	40	9.5	✓
19	−49° 5264	10	22.0	−49	38	8.3	✓
20	−50° 5157	10	22.2	−50	1	9.0	✓
21	−49° 5263	10	22.0	−49	23	9.5	✓
22	−47° 5919	10	23.7	−47	48	8.3	✓
23	−47° 5932	10	24.8	−47	40	9.1	✓
24	−47° 5938	10	25.2	−47	32	8.5	✓
25	−47° 5934	10	24.9	−47	3	9.5	✓
26	−47 5924	10	23.9	−47	8	9.0	✓ −47° 5923 10 23.9 −47 9 10 sup.
27	−46° 6166	10	24.9	−46	43	8.7	✓

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1913phae.proj.2157C

Tuesday October 28, 1913

B13780 shot

No.	Sect.	Class	Remarks
✓ 28	2	G5	
✓ 29	7	A0	
✓ 30	2	A3	
✓ 31	6	G0	Another star superposed at north. Probably same class.
✓ 32	4	F5	
✓ 33	1	A.	Partly superposed on 32
✓ 34	2	F0	
✓ 35	5	K0	
✓ 36	2	A0	
✓ 37	3	A2	
✓ 38	4	F0	
✓ 39	5	A5	
✓ 40	4	F5	
✓ 41	3	F0	
✓ 42	2	A3	
✓ 43	3	A2	
✓ 44	2	A	
✓ 45	10+	B?	Burnish out.
✓ 46	7	G5	
✓ 47	8	B3	
✓ 48	9	K0	
✓ 49	3	A2	
✓ 50	4	A2	Another star superposed
✓ 51	2	A0	
✓ 52	4	F5	
✓ 53	6	F2	
✓ 54	2	F8	

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1913phae.proj.2157C

28	-46° 6157	10	24.4	-46	15	8.5		✓
29	-48° 6101	10	23.2	-45	53	7.3		✓
30	-46° 6086	10	19.5	-46	41	9.3		✓
31	-44° 6487	10	20.9	-44	56	7.3	-44° 6486 10 20.9 -44 54 7.5 super.	✓
32	-44° 6473	10	20.2	-44	33	8.3		✓
33	-44° 6472	10	20.2	-44	40	9.9		✓
34	-44° 6491	10	21.3	-44	33	9.6		✓
35	-44° 6512	10	22.5	-44	27	7.6		✓
36	-45° 6083	10	22.0	-45	5	9.7		✓
37	-45° 6125	10	24.9	-45	15	9.2		✓
38	-45° 6410	10	25.6	-45	30	9.0		✓
39	-45° 6153	10	26.3	-45	21	8.9		✓
40	-44° 6571	10	26.1	-44	44	8.7		✓
41	-44° 6576	10	26.3	-44	49	9.5		✓
42	-44° 6581	10	26.5	-44	48	9.7		✓
43	-44° 6600	10	27.3	-44	54	9.8		✓
44	-44° 6602	10	27.5	-44	40	9.6		✓
45	-44° 6582 -44° 6583	10	26.6	-44	25	6.7 6.3		✓
46	-43° 6324	10	25.6	-43	44	7.2		✓
47	-43° 6335	10	26.4	-43	31	7.6		✓
48	-43° 6347	10	27.2	-43	39	6.4		✓
49	-43° 6356	10	27.4	-43	56	9.1		✓
50	-43° 6366	10	27.8	-43	53	9.3		✓
51	-44° 6631	10	29.5	-44	7	9.5		✓
52	-45° 6195	10	28.9	-45	6	8.1		✓
53	-45° 6208	10	29.7	-45	15	7.6		✓
54	-45° 6179	10	27.8	-45	40	8.8		✓

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1913phae.proj.2157C

Tuesday Oct. 28, 1913

B13750 shots.

No.	Int.	Class	Remark
✓ 55	3	A0	
✓ 56	2	K0	
✓ 57	10	K	Burned out
✓ 58	9	B9	
✓ 59	5	A0	
✓ 60	3	A0	
✓ 61	5	F2	
✓ 62	6	G5	
✓ 63	5	B8	
✓ 64	5	A0	
✓ 65	5	G0	
✓ 66	6	B9	
✓ 67	6	B9	
✓ 68	5	A0	
✓ 69	3	K5	
✓ 70	3	K0	
✓ 71	2	K0	
✓ 72	2	K2	
✓ 73	5	K0	
✓ 74	5	A0	
✓ 75	7	A2	
✓ 76	7	F2	
✓ 77	6	A0	
✓ 78	4	A0	
✓ 79	1	A	
✓ 80	5	A0	
✓ 81	8	B8	

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1913phae.proj.2157C

55	-46° 6220	10	28.3	-46	2	9.3	✓
56	-45° 6200	10	29.0	-45	51	8.5	✓
57	-46° 6205	10	27.7	-46	22	5.8	✓
58	-46° 6219	10	28.3	-46	20	7.7	✓
59	-46° 6224	10	28.7	-46	53	8.6	✓
60	-47° 5975	10	28.2	-47	13	9.0	✓
61	-46° 6256	10	30.6	-46	27	8.5	✓
62	-46° 6268	10	31.4	-46	36	7.8	✓
63	-46° 6254	10	30.3	-46	39	8.7	✓
64	-46° 6257	10	30.6	-46	50	8.3	✓
65	-47° 6028	10	31.0	-47	12	7.5	✓
66	-47° 6030	10	31.1	-47	16	7.9	✓
67	-47 6039	10	32.0	-47	14	8.1	✓
68	-46° 6300	10	33.6	-46	1	8.6	✓
69	-45° 6244	10	32.5	-45	37	8.2	✓
70	-45° 6240	10	32.1	-45	41	8.1	✓
71	-45° 6219	10	30.4	-45	52	8.1	✓
72	-45° 6244	10	32.2	-45°	16	8.8	✓
73	-44° 6671	10	31.8	-44	50	8.0	✓
74	-44° 6692	10	33.6	-44	12	8.6	✓
75	-44° 6708	10	34.8	-44	24	8.1	✓
76	-45° 6308	10	36.3	-45	7	7.5	✓
77	-45° 6292	10	35.1	-45	26	8.3	✓
78	-45° 6295	10	35.2	-45	47	8.6	✓
79	-46° 6316	10	34.4	-46	4	9.4	✓
80	-46° 6324	10	34.8	-46	19	9.1	✓
81	-46° 6325	10	34.9	-46	31	7.5	✓

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1913phae.proj.2157C

Tuesday Oct. 28, 1913

B13780 short.

	Ns.	Dur.	Class	Remark
✓	82	5	K0	
✓	83	1	F8	
✓	84	1	A	
✓	85	3	G0	
✓	86	3	F0	
✓	87	2	A0	
✓	88	1	K0	
✓	89	3	A0	
✓	90	5	K^{2}F	Strong absorption about 4227. Somewhat banded at red
✓	91	2	F	
✓	92	4	A2	
✓	93	5	B8	
✓	94	5	K5	
✓	95	7	F5	
✓	96	2	K0	
✓	97	5	A0	
✓	98	3	A0	
✓	99	4	F0	
✓	100	2	A0	
✓	101	4	F0	
✓	102	3	A3	
✓	103	4	G5	
✓	104	4	K0	
✓	105	1	A	
✓	106	2	K0	
✓	107	7	B9	
✓	108	3	K2	

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82	-46° 6361	10	37.0	-46	34	7.5	✓
83	-46° 6359	10	36.9	-46	21	9.6	✓
84	-45° 6312	10	36.5	-45	44	9.8	✓
85	-45° 6351	10	38.9	-45	33	8.6	✓
86	-44° 6738	10	37.1	-44	36	8.6	✓
87	-44° 6733	10	36.8	-44	34	9.3	✓
88	-47° 6061	10	33.2	-47	25	9.0	✓
89	-47° 6086	10	34.7	-47	25	9.2	✓
90	-47° 6099	10	35.5	-47	22	7.4	✓
91	-47° 6107	10	35.8	-47	23	9.0	✓
92	-47° 6146	10	38.5	-47	35	9.1	✓
93	-47° 6136	10	37.7	-47	58	8.1	✓
94	~~-49°~~ 48° 5861	10	37.7	48° -49	24	7.3	✓
95	-48° 5881	10	38.8	-48	15	7.6	✓
96	-48° 5870	10	38.1	-48	48	8.6	✓
97	-48° 5880	10	38.7	-48	56	8.6	✓
98	-49° 5493	10	39.0	-49	5	9.1	✓
99	-49° 5492	10	39.0	-49	11	8.1	✓
100	-49° 5504	10	39.8	-49	17	9.4	✓
101	-48° 5713	10	27.0	-48	48	8.3	✓
102	-49° 5335	10	28.2	-49	17	9.3	✓
103	-49° 5348	10	27.7	-49	30	8.3	✓
104	-49° 5360	10	28.8	-49	36	8.4	✓
105	-49° 5362	10	29.1	-49	32	9.5	✓
106	-49° 5365	10	29.3	-49	36	9.1	✓
107	-49° 5369	10	29.7	-49	48	8.2	✓
108	-49° 5377	10	30.2	-49	32	8.0	✓

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1913phae.proj.2157C

Tuesday October 28, 1913
B 13750 Shift.

	No.	Dist.	Class	Remark
✓	109	1	K2	
✓	110	2	A3	
✓	111	8	B9	
✓	112	2	A3	
✓	113	1	K2	
✓	114	1	A	
✓	115	1	K5	
✓	116	6	A0	
✓	117	7	B9	
✓	118	6	K5	
✓	119	1	K5	
✓	120	1	K5	
✓	121	2	K5	
✓	122	2	A0	
✓	123	3	A2	
✓	124	5	A2	
✓	125	5	B9	
✓	126	2	K1	Another star superposed?
✓	127	21	K21	
✓	128	1	K	
✓	129	5	G5	
✓	130	3	K0	
✓	131	3	A5	
✓	132	21	F0	
✓	133	1	G5	
✓	134	1	K0	
✓	135	1	K21	

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1913phae.proj.2157C

109	−49° 5388	10	30.7	−49	20	8.5	✓
110	−49° 5391	10	31.1	−49	30	9.2	✓
111	−48° 5764	10	30.6	−48	35	7.3	✓
112	−48° 5750	10	29.7	−48	38	9.2	✓
113	−48° 5745	10	29.3	−48	37	8.5	✓
114	−49° 5380	10	30.3	−49	7	9.5	✓
115	−48° 5785	10	32.1	−48	36	8.6	✓
116	−48° 5795	10	33.0	−48	22	8.5	✓
117	−48° 5820	10	34.5	−48	21	8.7	✓
118	−48° 5822	10	34.7	−48	38	7.2	✓
119	−48° 5830	10	35.2	−48	20	8.7	✓
120	−48° 5836	10	35.7	−48	20	8.7	✓
121	−49° 5423	10	33.5	−49	6	8.2	✓
122	−48° 5805	10	33.5	−48	59	9.5	✓
123	−49° 5447	10	35.3	−49	20	9.3	✓
124	−49° 5445	10	35.2	−49	27	8.7	✓
125	−49° 5463	10	36.6	−49	35	9.0	✓
126	−50° 5234 / 5235	10 / 10	28.7 / 28.8	−50	27	9.4 / 8.7	✓
127	−50° 5230	10	28.0	−50	53	8.3	✓
128	−50° 5214	10	26.4	−50	58	8.4	✓
129	−50° 5281	10	31.8	−50	14	7.8	✓
130	−50° 5306	10	33.5	−50	18	8.6	✓
131	−50° 5318	10	34.2	−50	39	9.0	✓
132	−50° 5322	10	34.5	−50	28	9.2	✓
133	−50° 5325	10	34.6	−50	24	9.3	✓
134	−50° 5332	10	35.4	−50	20	8.8	✓
135	−50° 5340	10	36.8	−50	6	9.0	−50° 5341 10 36.8 −50 5 9.7 sh/gy.

One with the other superposed. They are both the same magn. in CPD. See also chart plate of 20985. Which is classified? −50°5235 classified, and −5234 reproposed. Fallon has ep. 78.

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1913phae.proj.2157C

Tuesday October 28, 1913

B 1378 Plots

	No.	Int.	class	Remark
✓	136	2	A0	
✓	137	4	G5	
✓	138	1	K5	
✓	139	3	A0	
✓	140	4	A0	
✓	141	7	A0	
✓	142	4	A0	&
✓	143	2	A0	Partly superposed on 144
11.25 ✓	144	4	A2	
	145			
	146			
	14			

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1913phae.proj.2157C

136	−50°	5375	10	38.4	−50	54	9.4 ✓
137	−50°	5390	10	39.5	−50	141	8.1 ✓
138	−49°	5507	10	40.1	−49	47	8.3 ✓
139	−49°	5517	10	40.8	−49	45	9.2 ✓
140	−49°	5539	10	41.9	−49	41	9.0 ✓
141	−50°	5412	10	41.3	−50	24	8.0 ✓
142	−50°	5408	10	41.0	−50	32	8.6 ✓
143	−50°	5400	10	40.41	−50	51	8.6 ✓
144	−50°	5398	10	40.2	−50	51	8.3 ✓

Identified on cards by A.M.C. June 15, 1914
Identified here June 22 1914 A.D.W.
Identification compared cards & Book, by G.R.B.

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1913phae.proj.2157C

Wednesday, October 29, 1913

Time 10.25

B 38573 short

No.	Int.	Class	Remark
✓ 1	2	Q_2	
✓ 2	3	K_0	
✓ 3	2	g_0	
✓ 4	5	K_0	
✓ 5	4	K_2	
✓ 6	2	$\gamma 8$	
✓ 7	3	B_0	
✓ 8	2	K_2	
✓ 9	3	Q_0	
✓ 10	1	Q_0	
✓ 11	3	K_0	
✓ 12	3	Q_2	
✓ 13	3	γa	
✓ 14	3	g_5	
✓ 15	1	Q_0	
✓ 16	1	K_0	
✓ 17	4	$\gamma 8$	
✓ 18	1	g_5	
✓ 19	3	Q_0	
✓ 20	3	$\gamma 5$	
✓ 21	1	$\gamma 5$	
✓ 22	3	K_0	
✓ 23	2	Q_2	
✓ 24	3	γ_2	
✓ 25	2	K_0	
✓ 26	1	K_5	Partly superposed on 25
✓ 27	2	g_0	The following of ~~two~~ 2.

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1913phae.proj.2157C

1	−48°	5539	10	14.9	−48	21	9.7
2	−48°	5542	10	15.2	−48	6	9.3
3	−48	5559	10	16.2	−48	35	9.8
4	−48°	5565	10	16.5	−48	46	8.2
5	−48°	5598	10	18.4	−48	59	8.1
6	−48°	5595	10	18.3	−48	43	9.5
7	−48°	5601	10	18.6	−48	50	8.9
8	−48°	5603	10	18.7	−48	54	8.3
9	−48°	5604	10	18.8	−48	60	9.1
10	−48°	5605	10	18.8	−48	44	9.8
11	−48°	5608	10	19.0	−48	34	8.6
12	−48°	5616	10	19.8	−48	18	9.6
13	−47°	5881	10	20.8	−47	58	8.6
14	−47°	5888	10	21.2	−47	27	9.2
15	−47°	5891	10	21.3	−47	31	9.9
16	−47°	5900	10	22.1	−47	24	9.6
17	−46°	6120	10	22.0	−46	46	9.5
18	−46°	6139	10	24.4	−46	47	9.8
19	−46°	6169	10	25.0	−46	30	9.6
20	−46°	6178	10	25.9	−46	25	9.4
21	−46°	6174	10	25.3	−46	46	9.9
22	−46°	6206	10	27.7	−46	48	8.8
23	−46°	6213	10	28.1	−46	27	9.5
24	−46	6229	10	28.9	−46	31	9.7
25	−47°	5955	10	26.9	−47	15	9.2
26	−47°	5956	10	26.9	−47	17	9.4
27	−47°	5966	10	27.4	−47	31	9.4

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1913phae.proj.2157C

Wednesday, October 29, 1913

B38573 short

	no	Int.	Class	Remark
✓	28	2	g_0	
✓	29	3	g_0	
✓	30	5	a_2	
✓	31	2	B9	
✓	32	2	K_0	
✓	33	2	a_2	
✓	34	2	R	
✓	35	2	F_5	
✓	36	3	B9	
✓	37	2	g_0	
✓	38	1	K_0	
~	39	2	F_0	
✓	40	1	K_2	
✓	41	1	K_0	
✓	42	3	a_2	
✓	43	2	F_8	
✓	44	2	F_5	
✓	45	1	a_2	
✓	46	2	g_0	
✓	47	3	a_0	
✓	48	1	K_5	
✓	49	2	K_5	
✓	50	1	a_3	
✓	51	2	a_0	
✓	52	2	B9	
✓	53	1	K_2	
✓	54	3	K_0	

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1913phae.proj.2157C

28	-47° 5987	10	27.4	-47	38	9.8	?	Two in C.P.D. but only one in CPM. = CPD -47° 4298 10 27.4 -47 37 10 superposed = C.P.D -47° 4299 10 27.4 -47 38 9.5 classified
29	-47° 5973	10	28.0	-47	29	9.3		✓
30	-47° 5975	10	28.2	-47	13	9.0		✓
31	-47° 5987	10	28.9	-47	25	9.5		✓
32	-47° 5990	10	29.0	-47	32	9.0		✓
33	-47° 5979	10	28.4	-47	54	9.7		✓
34	-47 5992	10	29.2	-47	45	9.3		✓
35	-47° 5994	10	29.3	-47	53	9.6	-47° 5993 10 29.3 -47 53 9.8 Superposed	✓
36	-47° 6011	10	29.8	-47	41	9.5		✓
37	-47° 6011	10	30.1	-47	38	9.5		✓
38	-48° 5765	10	30.7	-48	10	9.5		✓
39	-48° 5770	10	31.2	-48	6	9.6		✓
40	-48° 5775	10	31.5	-48	3	9.4		✓
41	-47° 6027	10	31.8	-47	56	9.3		✓
42	-48° 5792	10	32.7	-48	6	9.6		✓
43	-47° 6065	10	33.7	-47	52	9.7		✓
44	-47° 6085	10	34.5	-47	42	9.6		✓
45	-47° 6076	10	34.0	-47	34	10		✓
46	-47° 6055	10	32.8	-47	9	9.9		✓
47	-46° 6301	10	33.8	-46	39	9.5		✓
48	-47° 6087	10	34.7	-47	12	9.2		✓
49	-47° 6101	10	35.6	-47	30	9.3		✓
50	-47° 6109	10	36.0	-47	25	10		✓
51	-47 6122	10	36.8	-47	45	9.7		✓
52	-48° 5813	10	33.9	-48	19	9.8		✓
53	-48° 5811	10	33.7	-48	15	9.8		✓
54	-48° 5812	10	33.7	-48	30	9.5		✓
	-48° 5814	10	33.9	-48	40	9.1		✓

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Wednesday, October 29, 1913

B38573 short

	No.	Int.	Class	Remark
✓	55	2	F2	
✓	56	2	K0	
✓	57	2	F8	
✓	58	3	A0	
✓	59	1	K5	
✓	60	1	G5	
✓	61	1	K5	
✓	62	1	K5	
✓	63	2	K2	
✓	64	2	F5	
✓	65	3	F8	
✓	66	2	A0	
✓	67	3	F0	
✓	68	2	G5	
✓	69	1	R	
✓	70	1	K0	
✓	71	2	K0	
✓	72	2	K0	
✓	73	3	F5	
✓	74	2	A0	
✓	75	1	K0	
✓	76	2	A0	
✓	77	2	G0	
✓	78	1	G0	
✓	79	2	F2	
✓	80	1	F2	
✓	81	1	A0	

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55	−48°	5816	10	34.0	−48	52	9.6	✓
56	−49°	5420	10	~~34.5~~ 33.3	−49	4	9.2	✓
57	−49°	5432	10	34.3	−49	20	9.3	✓
58	−49°	5446	10	35.2	−49	5	9.4	✓
59	−48°	5817	10	34.3	−48	23	9.4	✓
60	−48°	5827	10	35.0	−48	50	9.8	✓
61	−48°	5833	10	35.3	−48	52	9.2	✓
62	−48°	5835	10	35.7	−48	45	9.3	✓
63	−48°	5851	10	36.7	−48	24	9.3	✓
64	−49°	5195	10	17.3	−49	26	9.8	✓
65	−49°	5232	10	19.9	−49	17	9.4	✓
66	−48°	5613	10	19.8	−48	52	9.7	✓
67	−49°	5250	10	21.1	−49	28	9.6	✓
68	−49°	5227	10	19.6	−49	53	9.7	✓
69	−49°	5234	10	20.0	−49	46	9.6	✓
70	−50°	5114	10	19.1	−50	23	9.4	✓
71	−50°	5091	10	17.3	−50	27	9.2	✓
72	−50°	5149	10	21.8	−50	21	9.3	✓
73	−49°	5297	10	24.3	−49	56	9.3	✓
74	−49°	5293	10	24.0	−49	28	9.9	✓
75	−49°	5292	10	23.9	−49	19	9.7	✓
76	−49°	5288	10	23.8	−49	0	9.7	✓
77	−48°	5672	10	23.9	−48	32	9.4	✓
78	−48°	5694	10	25.4	−48	52	9.6	✓
79	−48°	5702	10	26.2	−48	48	9.6	✓
80	−48°	5706	10	26.4	−48	55	9.3	✓
81	−49°	5312	10	25.5	−49	18	9.8	✓

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Wednesday, October 29, 1913

B38573 short

No.	Int.	Class	Remark
✓ 82	2	K2	
✓ 83	2	A0	
✓ 84	3	F0	
✓ 85	3	A2	
✓ 86	1	K2	
✓ 87	2	A3	
✓ 88	2	A2	
✓ 89	1	K0	
✓ 90	1	F5	
✓ 91	2	A5	
✓ 92	2	F2	
✓ 93	2	A0	
✓ 94	2	A0	
✓ 95	3	A2	
✓ 96	2	K2	
✓ 97	2	K0	
✓ 98	3	A0	
✓ 99	2	F2	
✓ 100	2	A2	
✓ 101	1	G5	
✓ 102	1	K5	
✓ 103	2	A0	
✓ 104	2	A3	
✓ 105	3	Mb	
✓ 106	1	K2	
✓ 107	2	G	Focus poor.
✓ 108	1	K2	

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82	-49°	5339	10	27.3	-49	60	9.3	✓
			~~10~~	~~28.8~~	~~-48~~	~~42~~		
83	-48°	5335	10	28.8	-48	42	9.8	✓
84	-48°	5344	10	29.2	-48	52	9.3	✓
		5380	10	30.3	-49	7	9.5	
85	-49°	~~5373~~	~~10~~	~~28.8~~	~~-49~~	~~9~~	~~9.6~~	
86	-49°	5396	10	31.6	-49	10	8.9	✓
87	-49°	5387	10	30.7	-49	30	9.3	✓
88	-49°	5382	10	30.3	-49	53	9.5	✓
89	-49°	5398	10	31.3	-49	60	9.2	✓
90	-50°	5277	10	31.7	-50	2	9.2	✓
91	-50°	5283	10	31.8	-50	3	9.2	✓
92	-50°	5326	10	34.6	-50	2	9.5	✓
93	-49°	5459	10	36.2	-49	23	9.8	✓
94	-49°	5465	10	36.9	-49	32	9.4	✓
95	-49°	5467	10	37.3	-49	53	9.4	✓
96	-50°	5360	10	37.4	-50	5	9.2	✓
97	-50°	5367	10	37.8	-50	2	9.5	✓
98	-50°	5354	10	37.1	-50	28	9.6	✓
99	-50°	5353	10	37.0	-50	54	9.3	✓
	-51°	4990	10	39.0	-51	11	9.1	
100	~~-50°~~	~~5354~~	~~10~~	~~37.1~~	~~-50~~	~~28~~	~~9.6~~	
101	-47°	5658	10	8.2	-47	47	9.3	✓
		5679	10	9.4	-47	33	9.4	
102	-47°	~~5664~~	~~10~~	~~8.5~~	~~-47~~	~~37~~	~~9.8~~	
		5690	10	9.8	-47	23	9.6	
103	-47	~~5672~~	~~10~~	~~8.9~~	~~-47~~	~~24~~	~~8.7~~	
104	-47°	5738	10	12.1	-47	32	9.6	✓
105	-47°	5745	10	12.5	-47	19	8.7	✓
106	-48°	5459	10	10.2	-48	9	8.7	✓
107	-46°	6000	10	13.2	-46	37	9.6	✓
108	-46°	6028	10	15.7	-46	25	9.2	✓

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1913phae.proj.2157C

Wednesday, October 29, 1913

B38573 short

	No.	Int.	Class.	Remark
✓	109	2	$G5^-$	
✓	110	1	$G5^-$	
✓	111	2	B9	
✓	112	3	B9	
✓	113	2	$G0$	
✓	114	3	$F5^-$	
✓	115	2	$K2$	
✓	116	3	$Q3$	Another star superposed at south.
✓	117	2	$Q0$	
✓	118	3	$F5^-$	
✓	119	4	$F2$	
✓	120	2	$Q0$	
✓	121	1	$K3^-$	
✓	122	3	$K0$	
✓	123	5	$F2$	
✓	124	2	$K0$	
Time 10.54 ✓	125	2	$F0$	
	126			
	127			cmh. 134, 132
	128			
	129			
	130			
	131			
	132			
	133			
	134			
	135			

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1913phae.proj.2157C

109	-46° 6044	10	16.8	-46	44	9.5	✓	
110	-47° 5839	10	18.1	-47	42	9.8	✓	
111	-47° 5856	10	18.8	-47	24	9.9	✓	
112	-47° 5861	10	19.4	-47	42	9.8	✓	
113	-48° 5599	10	18.4	-48	9	9.3	✓	
114	-48° 5884	10	17.5	-48	21	9.3	✓	
115	-46° 6127	10	21.9	-46	4	9.5	✓	
116	-46° 6129	10	22.0	-46	13	9.6	✓	-46° 6126 10 21.9 -46 16 9.6 superposed
117	-46° 6146	10	22.9	-46	24	9.8	✓	
	-45° 6106	10	23.6	-45	55	9.5		
118	~~-46° 6159~~	~~10~~	~~24.4~~	~~-46~~	~~47~~	~~9.8~~	✓	
119	-45° 6112	10	24.0	-45	48	9.1	✓	
120	-45° 6114	10	24.1	-45	42	9.9	✓	
121	-45° 6113	10	24.3	-45	51	9.1	✓	
122	-46° 6258	10	30.7	-46	32	9.2	✓	
123	-46° 6282	10	32.4	-46	40	9.6	✓	
124	-46° 6287	10	32.7	-46	49	9.3	✓	
125	-45° 6236	10	31.9	-45	42	9.9	✓	

Identified on cards by AMC. Sept. 4. 1914

Identified here Sept. 12 1914 LDW.

Identification compared. Cy S.O.B.

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1913phae.proj.2157C

Wednesday, October 29, 1913.

7:30 Int. Class Remarks

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1913phae.proj.2157C

Time 11.02 Wednesday, October 29, 1913

B9453 short.

No	Int.	Class	Remark
1	2	A_2	
2	7	Ma	
3	4	A_5	
4	2	B9	
5	2	K_0	
6	3	F_5	
7	2	G_0	
8	1	~~G_5~~	
9	9	G_5	
10	3	A_2	
11	9	F_2	
12	3	B9	
13	3	A_5	
14	3	F_0	
15	2	K_2	
16	6	G_5	
17	4	A_0	
18	4	A_0	
19	6	K_0	
20	4	K_0	
21	8	F_5	
22	4	A_0	
23	2	K_0	
24	4	K_0	
25	1	K_0	
26	5	A_0	
27	3	K_0	

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1913phae.proj.2157c

1	-46°	6395	10	38.6	-46	42.2	9.4	1 ✓
2	-46°	6415	10	40.3	-46	48.1	7.2	1 ✓
3	-47°	6146	10	38.5	-47	34.8	9.1	1 ✓
4	-47°	6173	10	40.4	-47	18.0	9.3	1 ✓
5	-47°	6179	10	40.9	-47	28.4	8.6	1 ✓
6	-47°	6186	10	41.4	-47	12.2	9.1	1 ✓
7	-47°	6187	10	41.4	-47	4.2	9.1	1 ✓
8	-46°	6432	10	44.0	-46	58.4	9.4	1 ✓
9	-47°	6219	10	43.3	-47	5.4	7.4	1 ✓
10	-47°	6210	10	42.8	-47	27.0	9.4	1 ✓
11	-47°	6217	10	43.2	-47	41.2	7.7	1 ✓
12	-48°	5919	10	41.6	-48	10.5	9.3	1 ✓
13	-48°	5918	10	41.5	-48	27.6	9.0	1 ✓
14	-48°	~~5893~~	10	39.8	-48	36.9	9.0	✓
		~~5899~~	10	~~40.1~~	~~-48~~	~~38.6~~	~~9.3~~	
15	-48°	5900	10	40.2	-48	35.1	8.7	1 ✓
16	-48°	5906	10	41.0	-48	43.9	9.2	1 ✓
17	-49°	5561	10	43.6	-49	0.5	9.1	1 ✓
18	-48°	5954	10	43.8	-48	56.0	9.0	1 ✓
19	-48°	5968	10	44.9	-48	26.9	8.1	1 ✓
20	-48°	5981	10	45.7	-48	50.5	8.4	1 ✓
21	-48°	5991	10	46.4	-48	29.6	7.2	1 ✓
22	-48°	6021	10	48.5	-48	40.0	8.8	1 ✓
23	-48°	6024	10	48.7	-48	30.0	8.1	1 ✓
24	-48°	6042	10	50.1	-48	35.0	8.0	1 ✓
25	-48°	6046	10	50.7	-48	53.0	8.8	1 ✓
26	-48°	6056	10	51.9	-48	43.0	9.3	1 ✓
27	-49°	5688	10	51.7	-49	4.2	8.3	1 ✓

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1913phae.proj.2157C

Wednesday, October 29, 1913

B9453 short

No.	Int.	Class	Remark
28	2	A_0	
29	3	F_0	
30	3	F_5	
31	7	F_2	
32	10	A_2	
33	1	K_0	
34	4	G_5	
35	2	K_5	
36	1	G_5	
37	3	K_0	
38	3	F_8	
39	1	K_2	
40	4	K_0	
41	1	G_5	
42	3	K_0	
43	8	B9	
44	6	A_2	
45	6	K_0	
46	1	K	
47	2	A_2	
48	1	A_0	
49	2	A_0	
50	4	A_0	
51	3	K_0	
52	2	K_2	
53	4	F_2	
54	4	A_0	

Time 11.10

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1913phae.proj.21570

28	-49°	5677	10	50.7	-49	25.0	9.3	1 ✓
29	-49°	5671	10	50.4	-49	37.2	9.2	1 ✓
30	-49°	5680	10	51.0	-49	35.6	9.0	1 ✓
31	-49°	5683	10	51.2	-49	56.3	7.4	1 ✓
32	-50°	5534	10	51.7	-50	5.8	6.4	1 ✓
33	-49°	5547	10	42.7	-49	42.6	9.0	1 ✓
34	-49°	5566	10	43.9	-49	36.5	8.2	1 ✓
35	-49°	5591	10	45.2	-49	56.6	8.6	1 ✓
36	-49°	5596	10	45.4	-49	51.5	9.0	1 ✓
37	-49°	5636	10	47.9	-49	55.6	8.2	1 ✓
38	-49°	5637	10	48.0	-49	57.8	8.8	1 ✓
39	-50°	5445	10	44.3	-50	24.5	8.5	1 ✓
40	-50°	5463	10	45.7	-50	45.8	8.2	1 ✓
41	-50°	5467	10	46.2	-50	31.0	9.1	1 ✓
42	-51°	5106	10	46.8	-51	2.8	8.5	1 ✓
43	-51°	5111	10	47.0	-51	8.2	7.8	1 ✓
44	-51°	5126	10	48.0	-51	7.6	8.5	1 ✓
45	-50°	5487	10	48.3	-50	50.2	7.5	1 ✓
46	-50°	5488	10	48.4	-50	46.0	8.6	1 ✓
47	-50°	5493	10	48.9	-50	47.2	9.4	1 ✓
48	-50°	~~5495~~ 5491	~~10~~ 10	~~49.1~~ 48.8	~~-50~~ -50	~~29.6~~ 30.0	~~9.6~~ 9.7	✓
49	-50°	5503	10	49.3	-50	34.2	9.2	1 ✓
50	-50°	5541	10	52.0	-50	24.4	9.2	1 ✓
51	-49°	5724	10	53.4	-49	36.2	8.1	1 ✓
52	-49°	5735	10	54.3	-49	1.8	8.2	1 ✓
53	-48°	6075	10	54.1	-48	46.2	8.5	1 ✓
54	-48°	6083	10	54.8	-48	58.0	9.0	1 ✓

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1913phae.proj.2157C

11.41 Wednesday, October 29, 1913

B 9453 short

No.	Int.	Class.	Remark
55	4	F2	
56	4	Ao	
57	6	G5	
58	8	Ao	
59	7	Fo	
60	4	Ko	
61	1	K2	
62	2	Ko	Another star superposed S south
63	2	Ao	
64	1	A2	
65	2	B9	
66	1	A	
67	1	K	
68	1	A	
69	1	F8	
70	5	F8	
71	2	A3	
72	4	A2	
73	7	B2	
74	1	Ao	superposed on 74a
74a	B1	Ao	
75	3	Ko	
76	4	Ko	
77	2	Ko	
78	6	Ao	
79	3	B5	
80	3	A2	
81	2	Fo	

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1913phae.proj.21570

55	−48°	6086	10	55.0	−48	40.0	8.6	1 ✓
56	−48°	~~5687~~ 6060	10	55.0	−48	20.3	9.0	1 ✓
57	−49°	~~5636~~ 6090	10	~~47.9~~ 55.3	−48	~~55.6~~ 20.8	8.2	1 ✓
58	−48°	6110	10	56.6	−48	7.7	8.3	1 ✓
59	−47°	6339	10	51.0	−47	39.8	8.4	1 ✓
60	−47°	6334	10	50.7	−47	25.4	7.7	1 ✓
61	−47°	6331	10	50.6	−47	48.8	9.0	1 ✓
62	−47°	6312	10	49.0	−47	52.5	9.0	1 ✓
63	−47°	6272	10	46.4	−47	51.6	9.1	1 ✓
64	−47°	6263	10	45.6	−47	50.5	9.3	1 ✓
65	−47°	6271	10	46.4	−47	24.5	9.4	1 ✓
66	−47°	6270	10	46.3	−47	31.6	9.5	1 ✓
67	−47°	6259	10	45.5	−47	25.3	9.3	1 ✓
68	−47°	6251	10	45.1	−47	17.8	9.9	1 ✓
69	−47°	6248	10	44.8	−47	17.8	9.5	1 ✓
70	−47°	6240	10	44.4	−47	6.2	8.7	1 ✓
71	−47°	6233	10	44.0	−47	1.9	9.6	1 ✓
72	−46°	6467	10	43.0	−46	22.7	9.3	1 ✓
73	−46°	6478	10	43.7	−46	7.0	7.3	1 ✓
74	−46°	6483	10	43.9	−46	4.0	10	✓
74a	−46	6480	10	43.8	−46	4.0	9.7	✓
75	−45°	6418	10	43.7	−45	50.0	8.3	1 ✓
76	−46°	6533	10	47.5	−46	43.0	8.1	1 ✓
77	−46°	6550	10	48.9	−46	49.5	8.6	1 ✓
78	−46°	6567	10	50.3	−46	54.6	8.1	1 ✓
79	−46°	6572	10	50.8	−46	47.3	9.7	1 ✓
80	−46°	6578	10	51.3	−46	28.5	9.6	1 ✓
81	−46°	6565	10	50.1	−46	20.7	9.3	1 ✓

I was also on plate ... The following is marked. ... but the preceding which was identically ... is classified.

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1913phae.proj.2157C

Wednesday, October 29, 1913

B 9453 short

No.	Int.	Class	Remark
82	1	F_0	
83	2	K_2	
84	2	K_5	
85	1	G	
86	2	A_2	
87	1	K_2	
88	3	B9	
89	3	A_0	
90	1	B5	
91	9	A_0	
92	3	F_2	
93	6	A_2	
94	10	A_5	
Time 11.49	95	8	A_0
	96		
	97		
	98		
96	99	3	A_2
	100		
	101		
	102		
	103		
	104		
	105		
	106		
	107		
	108		

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1913phae.proj.2157C

82	-46°	6564	10	50.1	-46	37.1	9.6	1 v
83	-46°	6555	10	49.2	-46	16.0	8.8	1 v
84	-45°	6497	10	49.3	-45	55.2	8.1	1 v
85	-46°	6552	10	49.0	-46	6.0	9.6	1 v
86	-46°	6606	10	53.1	-46	47.0	9.6	1 v
87	-46°	6615	10	53.5	-46	42.2	8.9	1 v
88	-46°	6622	10	53.9	-46	48.5	9.6	1 v
89	-47°	6430	10	57.0	-47	36.3	9.2	1 v
90	-47°	6431	10	57.0	-47	47.1	9.5	1 v
91	-47°	6473	10	59.4	-47	31.3	8.0	1 v
92	-47°	6482	10	59.6	-47	37.6	9.1	1 v
93	-47°	6487	10	59.9	-47	56.8	8.4	1 v
94	-47°	6466	10	58.9	-47	0.5	6.0	1 v
95	-46°	6734	10	0.1	-46	45.9	6.8	1 v

Identified by J C M Jan. 17, 1914

Checked March 12 1914 L D W.

Cards made out by G. R. B.

✓ 96 -29 8470 10 30.9 -29 54 8.3 1 1 0 m B 1 3 0 x 8.

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1913phae.proj.2157C

Wednesday, October 29, 1913

Time 11·52

B38416 short.

No.	Int.	Class	Remarks
✓ 1	3	F5	
✓ 2	3	F5	
✓ 3	2	A0	
✓ 4	1	A2	
✓ 5	1	A0	
✓ 6	3	F8	
✓ 7	4	F0	
✓ 8	1	K2	
✓ 9	1	K0	
✓ 10	1	M0	
✓ 11	2	A0	
✓ 12	2	K0	
✓ 13	2	K0	
✓ 14	6	F8	
✓ 15	1	F5	
✓ 16	3	A5	
✓ 17	3	A5	
✓ 18	10	A	Burned out
✓ 19	5	A3	
✓ 20	3	A0	
✓ 21	3	A3	
✓ 22	2	K0	
✓ 23	6	B9	
✓ 24	6	K5	
✓ 25	4	F0	
✓ 26	5	A0	
✓ 27	4	K0	

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1913phae.proj.2157C

1	-49° 5741	10	54.6	-49	49	8.6						✓
2	-49° 5748	10	55.0	-49	42	8.8						✓
3	-49° 5749	10	55.2	-49	46	9.3						✓
4	-49° 5770	10	56.5	-49	47	9.8						✓
5	-49° 5777	10	57.1	-49	40	9.4						✓
6	-49° 5779	10	57.2	-49	45	8.8	-49° 5780	10	57.2	-49	46	10 superboard ✓
7	-49° 5781	10	57.2	-49	28	8.7						✓
8	-49° 5776	10	57.0	-49	25	9.4						✓
9	-49° 5771	10	56.6	-49	19	9.5						✓
10	-48° 6096	10	53.8	-48	40	9.5						✓
11	-48° 6120	10	57.2	-48	60	9.7						✓
12	-49° 5798	10	58.4	-49	15	9.3						✓
13	-49° 5811	10	59.1	-49	7	9.1						✓
14	-48° 6147	10	59.2	-48	26	8.7						✓
15	-48° 6156	10	59.5	-48	16	9.7						✓
16	-48° 6162	10	59.8	-48	31	9.4						✓
17	-48° ~~6157~~ 6154	~~10~~ 10	~~59.8~~ 59.41	~~-48~~ -48	~~43~~ 38	~~6.4~~ 9.5						✓
18	-48° 6157	10	59.5	-48	43	6.4						✓
19	-48° 6163	10	59.8	-48	56	8.5						✓
20	-48° 6174	11	0.6	-48	49	9.5						✓
21	-49° 5826	~~10~~ 11	0.2	-49	17	9.4						✓
22	-49° 5812	10	59.1	-49	38	9.0						✓
23	-49° 5824	11	0.0	-49	53	8.5						✓
24	-49° 5831	11	0.7	-49	46	7.2						✓
25	-49° 5834	11	0.8	-49	26	9.6						✓
26	-49° 5846	11	2.0	-49	16	9.3						✓
27	-48° 6199	11	2.7	-48	43	8.3						✓

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Wednesday, October 29, 1913

B 38416 short

No.	Int.	Class	Remark.
✓ 28	5	A2	
✓ 29	1	A3	
✓ 30	2	F8	
✓ 31	3	K0	
✓ 32	4	F8	
✓ 33	1	G5	
✓ 34	1	G0	
✓ 35	4	A5	
✓ 36	1	G5	
✓ 37	8	B5	
✓ 38	1	F2	
✓ 39	1	G5	
✓ 40	2	K0	
✓ 41	7	A3	
✓ 42	1	G5	
✓ 43	6	F0	
✓ 44	5	B9	
✓ 45	9	K0	
✓ 46	8	A2	
✓ 47	1	K2	
✓ 48	3	A0	Another star superposed on following side
✓ 49	1	G5	
✓ 50	4	A2	
✓ 51	6	F2	
✓ 52	2	F5	
✓ 53	2	K0	
✓ 54	4	F8	

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1913phae..proj..2157C

28	−48° 6202	11	3.0	−48	59	9.0	✓	
29	−49° ~~5852~~ 5854	11	~~2.4~~ 2.6	−49	~~28~~ 26	~~9.9~~ 9.8	✓	
30	−49° 5841	11	1.8	−49	60	9.7	✓	
31	−49° 5850	11	2.3	−49	52	8.5	✓	
32	−49° 5862	11	2.9	−49	49	9.2	✓	
33	−49° 5871	11	3.3	−49	36	9.7	✓	
34	−49° 5874	11	3.6	−49	39	9.9	✓	
35	−49° 5890	11	4.4	−49	21	9.4	✓	
36	−48° 6229	11	4.5	−48	52	9.8	✓	
37	−48° 6240	11	5.0	−48	58	7.8	✓	
38	−49° 5897	11	5.1	−49	27	9.9	✓	
39	−49° 5901	11	5.2	−49	36	9.7	✓	
40	−49° 5910	11	5.6	−49	29	9.0	✓	
41	−49° 5915	11	5.8	−49	29	8.2	✓	
42	−49° 5911	11	5.6	−49	22	9.7	✓	
43	−49° 5919	11	5.9	−49	16	8.4	✓	
44	−49° 5931	11	6.7	−49	8	9.3	✓	
45	−49° 5937	11	7.2	−49	3	6.6	✓	
46	−49° 5943	11	7.6	−49	27	7.4	✓	
47	−49° 5953	11	8.1	−49	24	9.3	✓	
48	−49° 5956	11	8.2	−49	19	9.5	✓	−49° 5957 11 8.2 −49 18 9.6 superposed.
49	−49° 5950	11	7.9	−49	19	9.5	✓	
50	−49° 5974	11	9.0	−49	13	9.7	✓	
51	−48° 6297	11	9.1	−48	29	8.4	✓	
52	−48° 6309	11	9.7	−48	57	9.5	✓	
53	−48° 6335	11	11.0	−48	46	8.8	✓	
54	−48° 6342	11	11.4	−48	58	8.6	✓	

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1913phae.proj.2157C

Wednesday, October 29, 1913

B38416 short

No	Int.	Class	Remark
✓ 55	4	F2	
✓ 56	2	G0	
✓ 57	1	A0	
✓ 58	2	G5	
✓ 59	9	B9	
✓ 60	1	G5	
✓ 61	2	Ma	
✓ 62	2	K0	
✓ 63	4	B9	
✓ 64	8	A2	
✓ 65	6	B8	
✓ 66	4	K0	
✓ 67	2	G0	
✓ 68	2	K0	
✓ 69	3	F5	
✓ 70	2	F5	
✓ 71	4	A0	
✓ 72	2	G5	
✓ 73	4	F0	
✓ 74	2	F8	
✓ 75	2	F5	
✓ 76	1	K	
✓ 77	1	A2	
✓ 78	2	A0	
✓ 79	2	K0	
✓ 80	2	A3	
✓ 81	8	F2	

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1913phae.proj.2157C

55	−48° 6349	11	12.2	−48	53	8.8	✓
56	−48° 6364	11	13.2	−48	40	9.2	✓
57	−48° 6369	11	13.6	−48	49	9.7	✓
58	−48° 6380	11	14.4	−48	51	9.1	✓
59	−48° 6354	11	12.5	−48	6	7.5	✓
60	−48° 6359	11	12.7	−48	2	9.1	✓
61	−48° 6363	11	13.2	−48	2	8.8	✓
62	−48° 6367	11	13.4	−48	12	9.1	✓
63	−48° 6384	11	14.7	−48	23	9.5	✓
64	−48° 6401	11	15.8	−48	5	7.8	✓
65	−48° 6404	11	16.0	−48	16	8.4	✓
66	−48° 6399	11	15.6	−48	37	8.5	✓
67	−48° 6415	11	16.4	−48	16	9.7	✓
68	−48° 6422	11	16.7	−48	5	9.3	✓
69	−48° 6418	11	16.6	−48	46	9.0	✓
70	−49° 6090	11	15.8	−49	1	9.2	✓
71	−49° 6089	11	15.8	−49	8	9.9	✓
72	−49° 6092	11	15.9	−49	13	8.9	✓
73	−49° 6097	11	16.5	−49	15	9.1	✓
74	−49° 6098	11	16.6	−49	7	9.6	✓
75	−48° 6420	11	16.6	−48	56	9.5	✓
76	−48° 6421	11	16.7	−48	51	9.5	✓
77	−48° 6424	11	17.0	−48	42	9.9	✓
78	−48° 6431	11	17.4	−48	40	9.8	✓
79	−49° 5985	11	9.9	−49	37	9.3	✓
80	−49° 6010	11	11.2	−49	43	9.5	✓
81	−50° 5851	11	11.1	−50	15	7.9	✓

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1913phae.proj.2157C

Wednesday, October 29, 1913

B38416 short

	No.	Int.	Class	Remark
✓	82	4	A_0	
✓	83	2	A	Partly superposed on 82
✓	84	1	K_0	
✓	85	3	A_2	
✓	86	3	F5	
✓	87	1	K_2	
✓	88	3	A_0	
✓	89	2	K_2	
✓	90	3	G_0	
✓	91	3	G5	
✓	92	2	F5	
✓	93	2	F5	
✓	94	1	K_2	
✓	95	2	F8	
✓	96	2	A5	
✓	97	1	A_0	
✓	98	2	A_2	
✓	99	1	A_0	
Time 12.08	✓	100	1	G5
Oct. 31, 1913	✓	101	2	K_0 Partly superposed on 86
10.10	✓	102	3	A_2
	✓	103	2	A_3
	✓	104	7	K_0
	✓	105	2	A_2
	✓	106	4	K_0
	✓	107	1	K_2
	✓	108	5	K_0

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1913phae.proj.2157C

82	−49° 6030	11	12.3	−49	58	9.4	✓
83	−50° 5876	11	12.4	−50	2	9.7	Superposed on −49° 6030 9.4 ✓
84	−50° 5873	11	12.3	−50	13	9.4	✓
85	−50° 5887	11	13.1	−50	23	9.1	✓
86	−50° 5904	11	14.2	−50	8	9.0	✓
87	−49° 6082	11	15.3	−49	49	9.0	✓
88	−49° 6087	11	15.7	−49	50	9.6	✓
89	−49° 6084	11	15.7	−49	32	8.8	✓
90	−49° 6094	11	16.2	−49	27	9.1	✓
91	−49° 6096	11	16.4	−49	27	8.8	✓
92	−49° 6099	11	16.7	−49	36	9.4	✓
93	−49° 6066	11	14.3	−49	21	9.6	−49° 6068 11 14.3 −49 19 9.6 sup. ✓
94	−49° 6042	11	12.8	−49	13	9.4	✓
95	−49° 6049	11	13.1	−49	5	9.8	✓
96	−49° 6045	11	13.0	−49	34	9.8	✓
97	−49° 6059	11	13.7	−49	49	9.8	✓
98	−49° 6067	11	14.3	−49	48	9.5	✓
99	−50° 5889	11	13.1	−50	1	9.8	✓
100	−50° 5892	11	13.3	−50	3	9.4	✓
101	−50° 5903	11	14.1	−50	11	9.1	✓
102	−50° 5924	11	15.6	−50	30	9.3	✓
103	−50° 5943	11	16.4	−50	35	9.3	✓
104	−50° 5953	11	17.1	−50	6	7.0	✓
105	−49° 6119	11	17.9	−49	53	9.7	✓
106	−49° 6114	11	17.8	−49	42	8.9	✓
107	−49° 6121	11	18.1	−49	32	9.3	✓
108	−49° 6116	11	17.8	−49	23	8.6	✓

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1913phae.proj.2157C

Friday, October 31, 1913

B 38416 short

	No.	Int.	Class.	Remark
✓	109	2	G_5	
✓	110	1	G_5	
✓	111	2	F_8	
✓	112	4	K_0	
✓	113	2	K_5	
✓	114	2	Q_3	
✓	115	2	K_0	
✓	116	4	K_2	
✓	117	2	G_0	
✓	118	2	Q_3	
✓	119	2	F_5	
✓	120	1	K_2	
✓	121	2	G_0	
✓	122	3	Q_3	
✓	123	2	G_5	
✓	124	1	K_5	
✓	125	4	G_0	
✓	126	4	G_5	Partly superposed on 125
✓	127	2	G_5	
✓	128	2	K_0	
✓	129	5	K_0	
✓	130	3	K_3	
✓	131	4	Q_2	
✓	132	3	K_0	
✓	133	4	K_0	
✓	134	3	Q_3	
✓	135	3	Q_2	

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1913phae.proj.2157C

109	−49°	6117	11	17.8	−49	9	9.2					
110	−48°	6438	11	18.0	−48	54	9.7					
111	−48°	6446	11	18.3	−48	49	9.5					
112	−48°	6459	11	19.1	−48	21	8.2					
113	−48°	6481	11	20.1	−48	20	8.6					
114	−48°	6432	11	17.5	−48	16	9.5					
115	−48°	6441	11	18.2	−48	0	9.6					
116	−47°	6808	11	18.3	−47	46	8.5					
117	−48°	6119	10	56.9	−48	12	9.6	−48°	6116	10	56.9 −48	9 10
								−48°	6117	10	56.9 −48	10 10
118	−48°	6129	10	57.8	−48	19	10					
119	−47°	6492	11	0.0	−47	41	9.9					
120	−47°	6458	10	58.2	−47	19	9.5					
121	−47°	6457	10	58.4	−47	8	9.2	−47°	6458	10	58.5 −47	9 10
122	−47°	6474	10	59.4	−47	18	10					
123	−47°	6481	10	59.6	−47	27	9.2					
		~~6476~~	~~10~~	~~59.4~~	~~−47~~	~~30~~	~~9.3~~					
124	−47°	6491	11	0.0	−47	20	9.4	−47°	6490	11	0.0 −47	23 10 sub/ex.
125	−46°	6739	11	0.5	−46	58	9.1					
126	−47°	6497	11	0.5	−47	0	8.5	−47°	6494	11	0.3 −47	3 10
127	−47°	6500	11	0.6	−47	6	9.4	−47°	6502	11	0.8 −47	7 10
128	−46°	6731	11	1.0	−46	60	9.2					
129	−46°	6753	11	1.1	−46	41	8.7					
130	−46°	6757	11	1.3	−46	37	9.3					
131	−46°	6758	11	1.4	−46	29	9.6					
132	−46°	6774	11	2.4	−46	31	9.4					
133	−46°	6777	11	2.6	−46	16	9.5					
134	−46°	6780	11	3.2	−46	4	9.9					
135	−46°	6797	11	4.5	−46	2	9.8	−46°	6795	11	4.4 −46	5 10 sub/ex.

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1913phae.proj.2157C

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B 38416 short

No.	Int.	Class	Remark
✓ 136	1	95	
✓ 137	4	A0	
✓ 138	3	78	
✓ 139	5	A2	
✓ 140	1	K5	
✓ 141	7	78	
✓ 142	2	A2	
✓ 143	4	70	
✓ 144	8	78	
✓ 145	2	75	
✓ 146	6	A2	
✓ 147	1	K2	
✓ 148	8	K0	
✓ 149	2	75	
✓ 150	3	A3	
✓ 151	3	A2	
✓ 152	8	B9	
✓ 153	7	A2	
✓ 154	4	A0	
✓ 155	3	A3	
✓ 156	2	A5	
✓ 157	1	K0	
✓ 158	1	70	
✓ 159	1	A	
✓ 160	2	75	
✓ 161	1	95	
✓ 162	4	95	

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136	−46° 6791	11	4.2	−46	27	9.9	−46° 6793	11	4.3	−46	28	9.9	sn/per
137	−46° 6799	11	4.5	−46	26	9.6							
	~~−46° 6817~~	11	5.3	−46	14	9.4							
	~~6817~~	11	5.5	−46	14	9.4							
138	~~−46° 6824~~	11	5.8	−46	11	9.2							
139	−46° 6824	11	5.8	−46	11	9.2							
140	−46° 6831	11	6.2	−46	5	9.6							
141	−46° 6840	11	6.8	−46	17	7.7							
142	−46° 6836	11	6.6	−46	40	9.7							
143	−46° 6848	11	7.2	−46	30	9.4							
144	−46° 6850	11	7.3	−46	23	7.1							
145	−47° 6519	11	1.7	−47	20	9.6							
146	−47° 6521	11	1.7	−47	34	8.6							
147	−48° 6186	11	1.7	−48	8	9.4							
148	−47° 6525	11	1.9	−47	58	6.7							
149	−47° 6530	11	2.3	−47	50	9.9							
150	−47° 6543	11	3.0	−47	49	9.7							
151	−47° 6546	11	3.3	−47	51	9.6							
152	−47° 6547	11	3.3	−47	44	8.3							
153	−47° 6560	11	4.0	−47	57	8.5							
154	−47° 6572	11	4.5	−47	52	9.1							
155	−47° 6562	11	4.1	−47	43	9.4							
156	−47° 6567	11	4.3	−47	30	9.4							
157	−47° 6437	11	2.5	−47	30	9.9							
158	−47° 6544	11	3.1	−47	27	9.9							
159	−47° 6549	11	3.5	−47	7	9.9							
160	−46° 6784	11	3.6	−46	51	9.6							
161	−47° 6564	11	4.2	−47	6	9.9							
162	−47° 6578	11	5.1	−47	9	9.2							

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B 38416 short

No.	Int.	Class	Remark
✓ 163	5	B9	
✓ 164	5	g_5	
✓ 165	4	f_5	
✓ 166	6	a_0	
✓ 167	3	K_2	
✓ 168	1	a_2	
✓ 169	3	B9	
✓ 170	5	K_0	
✓ 171	3	g_0	Partly superposed on 170
✓ 172	1	m_a	
✓ 173	2	a_0	
✓ 174	1	R	
✓ 175	4	f_8	
✓ 176	5	g_0	
✓ 177	5	K_0	
✓ 178	8	f_2	
✓ 179	2	K_0	
✓ 180	1	K_0	
✓ 181	4	f_5	
✓ 182	10	a_0	
✓ 183	4	a_2	
✓ 184	6	g_5	
✓ 185	2	g_5	
✓ 186	2	K_0	
✓ 187	7	K_2	
✓ 188	3	g_0	
✓ 189	3	f_8	

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183	−47° 6579	11	5.1	−47	2	9.1	✓
184	−47° 6584	11	5.4	−47	13	8.8	✓
185	−47° 6583	11	5.4	−47	10	9.2	✓
186	−46° 6816	11	5.5	−46	55	9.2	✓
187	−46° 6821	11	5.7	−46	58	9.0	✓
188	−47° 6590	11	5.9	−47	24	9.8	✓
189	−47° 6591	11	6.1	−47	48	9.9	✓
190	−47° 6598	11	6.5	−47	27	8.6	✓
191	−47° 6596	11	6.4	−47	25	9.1	✓
192	−47° 6602	11	6.7	−47	39	9.7	✓
193	−47° 6610	11	7.3	−47	32	9.9	✓
194	−47° 6614	11	7.5	−47	32	9.9	✓
195	−47° 6619	11	7.7	−47	39	9.4	✓
196	−47° 6612	11	7.3	−47	25	9.5	✓
197	−47° 6629	11	8.2	−47	26	9.2	✓
198	−47° 6622	11	7.8	−47	9	8.2	✓
199	−46° 6857	11	7.4	−46	60	9.4	✓
200	−47° 6645	11	9.1	−47	11	9.9	✓
201	−47° 6658	11	9.7	−47	14	9.8	✓ −47° 6658 9.8 superposed
202	−47° 6994	11	10.1	−47	14	9.8	✓
203	−47° 6970	11	10.3	−47	23	9.2	✓
204	−47° 6960	11	9.9	−47	35	8.7	✓
205	−47° 6644	11	8.8	−47	33	9.8	✓
206	−47° 6655	11	9.5	−47	32	9.7	✓ −47° 6654 11 9.4 −47 35 10 Super.
207	−47° 6632	11	8.4	−47	55	7.3	✓
208	−48° 6222	11	4.0	−48	29	9.4	✓ −48° 6223 11 4.0 −48 31 9.6 Super.
209	−48° 6225	11	4.2	−48	30	9.4	✓

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B38416 shot

No.	Int.	Class	Remark
✓ 190	2	K_0	
✓ 191	3	A_0	
✓ 192	2	F_5	
✓ 193	3	Ma	
✓ 194	1	K_2	
✓ 195	10	A_2	
✓ 196	2	G_0	
✓ 197	2	F_5	
✓ 198	2	A_0	
✓ 199	3	F_0	
✓ 200	1	A_5	
✓ 201	1	A_5	
✓ 202	3	F_8	
✓ 203	4	F_0	
✓ 204	8	K_0	
✓ 205	3	K_2	
✓ 206	8	F_5	
✓ 207	3	G_0	
✓ 208	2	A_0	
✓ 209	2	K_2	
✓ 210	5	G_5	
✓ 211	8	A_2	
✓ 212	2	F_8	
✓ 213	1	K_0	
✓ 214	6	A_0	
✓ 215	7	A_0	
✓ 216	1	G	Too much superposed on 217

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1913phae.proj.21576

190	−48° 6236 ~~3780~~	II	4.9	−48	36	9.2						✓
191	−48° 6241	II	5.0	−48	31	9.5						✓
192	−48° 6239	II	5.0	−48	21	9.5						✓
193	−48° 6250	II	5.8	−48	10	8.3						✓
194	−48° 6247	II	5.5	−48	29	9.6						✓
195	−48° 6263	II	6.9	−48	25	5.8						✓
196	−48° 6276	II	7.8	−48	45	9.8						✓
197	−48° 6279	II	7.9	−48	14	9.5						✓
198	−48° 6286	II	8.3	−48	9	9.9						✓
199	−48° 6314	II	10.0	−48	21	9.8						✓
200	−48° 6327	II	10.5	−48	8	9.9						✓
201	−47° 6691	II	11.8	−47	59	9.8						✓
202	~~−47° 6686~~ −50 ~~8924~~	II	~~11.8~~ 15.6	~~−47~~ −50	~~40~~ 30	~~9.6~~ 9.3						✓
203	~~−47° 6682~~ −46 ~~6923~~	II	~~11.4~~ 11.4	~~−47~~ −46	~~27~~ 17	~~9.6~~ 9.8						✓
204	−46° 6897	II	10.2	−46	38	7.7						✓
205	−45° 6822	II	9.7	−45	52	8.6						✓
206	−45° 6814	II	9.2	−45	39	9.2						✓
207	−45° 6818	II	9.5	−45	35	9.3						✓
208	−45° 6833	II	10.5	−45	28	9.6						✓
209	−45° 6839	II	10.8	−45	34	9.5						✓
210	−45° 6844	II	11.2	−45	51	8.6						✓
211	−45° 6843	II	11.2	−45	44	8.3						✓
212	−46° 6929	II	11.6	−46	3	9.6						✓
213	−46° 6923	II	11.4	−46	17	9.8						✓
214	−46° 6946	II	12.8	−46	45	9.2	−46° 6947	II	12.8	−46	47	10 Sup/ca. ✓
215	−46° 6957	II	13.4	−46	49	9.1						✓
216	−46° 6960	II	13.7	−46	48	9.7	−46° 6962	II	13.7	−46	43	7.6 Sup/ca. ✓

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B 38416 short

	No.	Int.	Class	Remark
✓	217	8	K0	
✓	218	5	K0	
✓	219	6	F2	
✓	220	1	K2	
✓	221	7	G0	
✓	222	2	Mb	
✓	223	3	K0	Partly superposed on 224
✓	224	6	B9	
✓	225	3	K0	
✓	226	3	A3	
✓	227	1	G5	
✓	228	2	G5	
✓	229	3	F8	
✓	230	2	A0	
✓	231	1	A3	
✓	232	6	K0	
✓	233	2	G0	
✓	234	2	G5	
✓	235	1	F8	
✓	236	3	G5	
✓	237	4	A3	
✓	238	6	G0	
✓	239	4	A0	
✓	240	2	A2	
✓	241	5	G5	
✓	242	6	K0	
✓	243	8	F0	

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217	−46° 6960	11	13.7	−46	W3	7.6								
218	−46° 6977	11	14.6	−46	W1	8.8								
219	−46° 6976	11	14.6	−46	28	9.2								
220	−47° 6721	11	13.2	−47	38	9.5								
221	−47° 6726	11	13.4	−47	30	8.5								
222	−47° 6730	11	13.6	−47	31	8.9								
223	−47° 6740	11	14.0	−47	W3	8.3	and −47° 6741	11	14.0	−47	W1	8.5 Super.	−47° 6736	11	13.9	−47	W6	9.8 Super.
224	−47° 6741	11	14.0	−47	W1	8.5	−47° 6740	11	14.0	−47	W3	8.3 Super.						
225	−47° 6735	11	13.8	−47	11	9.3								
226	−47° 6734	11	13.8	−47	4	9.7								
227	−47° 6742	11	14.1	−47	5	9.9								
228	−47° 6752	11	15.0	−47	26	9.1								
229	−47° 6754	11	15.1	−47	18	9.3								
230	−47° 6758	11	15.9	−47	30	9.9								
231	−47° 6764	11	15.5	−47	52	9.9								
232	−47° 6769	11	15.9	−47	49	8.2								
233	−47° 6775	11	16.2	−47	50	9.7								
234	−47° 6790	11	17.2	−47	33	9.3								
235	−47° 6801	11	18.0	−47	27	9.8								
236	−47° 6809	11	18.3	−47	17	9.4								
237	−46° 7010	11	17.3	−46	45	9.4								
238	−46° 7033	11	18.5	−46	49	8.9	−46° 7032	11	18.5	−46	W6	9.8 Super.						
239	−50° 5577	10	54.5	−50	19	9.6								
240	−50° 5603	10	56.2	−50	30	9.8								
241	−50 5628	10	57.7	−50	19	7.7								
242	−50° 5645	10	58.3	−50	21	7.6								
243	−50° 5641	10	58.2	−50	W1	7.1	−50° 5640	10	58.2	−50	W2	9.5	Super.	
							−50° 5642	10	58.3	−50	W2	10		

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B 38416 short

	No.	Int.	Class	Remark
✓	244	5	A_2	
✓	245	3	K_0	
✓	246	3	Fmc	
✓	247	1	A_0	
✓	248	3	F8	
✓	249	2	A5	
✓	250	2	A_0	
✓	251	4	K_0	
✓	252	10	~~K0~~ G5	
✓	253	10	K_0	
✓	254	1	G5	Another star superposed at south
✓	255	1	G5	
✓	256	2	F0	
✓	257	3	K_0	Another star superposed at south.
✓	258	1	K5	
✓	259	3	A_0	
✓	260	5	A_2	
✓	261	2	F5	
✓	262	3	G0	
✓	263	4	K_0	
✓	264	7	A_0	
✓	265	5	F_2	
✓	266	1	K5	
✓	267	6	A5	
✓	268	2	A_3	
✓	269	5	K_0	
✓	270	3	A_2	

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244	−50° 3619	10	57.0	−57°	56	8.3	−50° 3621	10	57.1	−50	54	9.7	superposed.
245	−51° 5286	10	58.7	−51	3	8.3							
246	−50 3655	10	59.0	−50	33	8.9							
247	−50° 3658	10	59.1	−50	29	9.7							
248	−50° 3672	10	59.8	−50	36	9.3							
249	−50° 3682	~~10~~ 11	0.4	−50	44	9.7							
250	−50° 5683	11	0.4	−50	57	9.9							
251	−50° 5691	11	0.8	−50	56	8.3							
252	−50° 5686	11	0.5	−50	32	6.6							
253	−50° 3693	11	0.9	−50	17	6.5							
254	−50 5724	11	2.4	−50	27	9.8	−50° 5723	11	2.4	−50	31	10	superposed.
							5725	11	2.4	−50	32	9.9	
255	−50° 5733	11	2.9	−50	29	9.4							
256	−49° 5883	11	4.0	−49	35	9.7	−49° 5882	11	4.0	−49	50	10	superposed
257	−49° 3926	11	5.8	−49	47	9.5	−49° 5914	11	5.7	−49	32	9.7	
258	−50° 5767	11	5.2	−50	26	9.3							
259	−50° 5759	11	4.6	−50	38	9.0							
260	−50° 5743	11	3.7	−50	57	9.4							
261	−50° 5774	11	5.5	−50	46	9.4							
262	−50° 5784	11	6.4	−50	45	9.4							
263	−50° 5786	11	6.7	−50	51	8.1							
264	−51° 5947	11	6.9	−51	3	8.4							
265	−50° 5808	11	8.4	−50	37	8.7							
266	−50° 5817	11	8.9	−50	24	9.2							
267	−50° 5828	11	9.5	−50	40	8.5							
268	−50° 5807	11	8.3	−50	54	9.8							
269	−51° 5972	11	8.2	−51	7	7.8							
270	−51° 5984	11	8.8	−51	21	9.3							

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B 38416 short

	No.	Int.	Class	Remark
✓	271	2	K_0	
✓	272	2	A_2	
✓	273	4	F_2	
✓	274	6	A_0	
✓	275	3	F_2	
✓	276	1	K_0	
✓	277	1	F_8	
✓	278	3	A_2	
✓	279	3	A_3	
✓	280	2	A_0	
✓	281	2	K_2	
✓	282	7	K_0	
10.57	283			
	284			cmb. 134, 1196
	285			
	286			
	287			
	288			
	289			
	290			
	291			
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	293			
	294			
	295			
	296			

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271	−51°	5508	II	10.2	−51	18	8.9 ✓
272	−51°	5513	II	10.4	−51	19	9.8 ✓
273	−51°	5527	II	11.0	−51	12	8.8 ✓
274	−50°	5859	II	11.6	−50	43	8.6 ✓
275	−50°	5855	II	11.3	−50	25	9.2 ✓
276	−50°	5823	II	9.2	−50	8	9.4 ✓
277	−50°	5798	II	7.3	−50	8	9.8 ✓
278	−50°	5907	II	14.3	−50	49	9.4 ✓
279	−51°	5566	II	13.4	−51	12	9.5 ✓
280	−51°	5583	II	14.3	−51	26	9.6 ✓
281	−51°	5603	II	15.1	−51	32	9.1 ✓
282	−51°	5577	II	14.0	−51	48	7.2 ✓

Identified on cards by AMC. Sept 4, 1913.
Identified here Feb. 10 1914
Identification compared by G. R. B.

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1913phae.proj.2157C

Friday October 31, 1913

	K	B	
No.	Int.	Class	Remark

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1913phae.proj.2157C

Time 11- Friday October 31, 1913

B 37662 short

No.	Int.	Class.	Remark
✓ 1	2	A_0	
✓ 2	2	A_2	
✓ 3	3	F_0	
✓ 4	1	K_0	
✓ 5	3	B_9	
✓ 6	1	G_0	
✓ 7	4	B_9	
✓ 8	4	A_0	
✓ 9	3	A_0	
✓ 10	5	B_9	
✓ 11	2	A_2	
✓ 12	3	B_8	
✓ 13	5	B_9	
✓ 14	4	F_8	
✓ 15	3	F_0	
✓ 16	2	F_2	
✓ 17	1	A_2	
✓ 18	4	A_5	
✓ 19	1	A_2	
✓ 20	5	A_0	
✓ 21	3	F_0	
✓ 22	7	B_8	
✓ 23	8	B_9	
✓ 24	1	A_0	
✓ 25	4+::	A_2	
✓ 26	3	A_0	
✓ 27	4	K_0	

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1913phae.proj.2157C

1	−55°	3837	10	41.7	−55	7	9.0 ✓
2	−55°	3866	10	43.3	−55	15	9.2 ✓
3	−54°	4070	10	44.0	−54	53	9.2 ✓
4	−54°	4079	10	44.7	−54	47	9.6 ✓
5	−54°	4089	10	45.2	−54	33	9.1 ✓
6	−54°	4093	10	45.4	−54	37	9.4 ✓
7	−54°	4104	10	46.3	−54	39	8.8 ✓
8	−54°	4108	10	46.7	−54	51	8.8 ✓
9	−54°	4092	10	45.4	−54	56	9.1 ✓
10	−55°	3907	10	45.4	−55	19	8.6 ✓
11	−55°	3911	10	45.6	−55	16	9.1 ✓
12	−55°	3898	10	45.0	−55	48	8.8 ✓
13	−55°	3905	10	45.3	−55	41	8.6 ✓
14	−55°	3928	10	47.0	−55	30	9.0 ✓
15	−55°	3959 (4)	10	48.3	−55	27	9.0 ✓
16	−54°	4131	10	48.7	−54	49	8.8 ✓
17	−54°	4120	10	47.8	−54	35	9.4 ✓
18	−54°	4124 (8)	10	48.3 (5)	−54	~~43~~ 36	~~9.6~~ 8 ✓
19	−54°	4126	10	48.3	−54	24	9.2 ✓
20	−54°	4139	10	49.1	−54	18	8.3 ✓
21	−54°	4141	10	49.3	−54	7	8.8 ✓
22	−53°	4224	10	49.4	−53	54	7.7 ✓
23	−53°	4233	10	50.1	−53	26	7.5 ✓
24	−53°	4244	10	51.0	−53	19	9.4 ✓
25	−53°	4249	10	51.5	−53	12	8.8 ✓
26	−53°	4252	10	51.9	−53	17	9.0 ✓
27	−53°	4262	10	52.8	−53	40	8.8 ✓

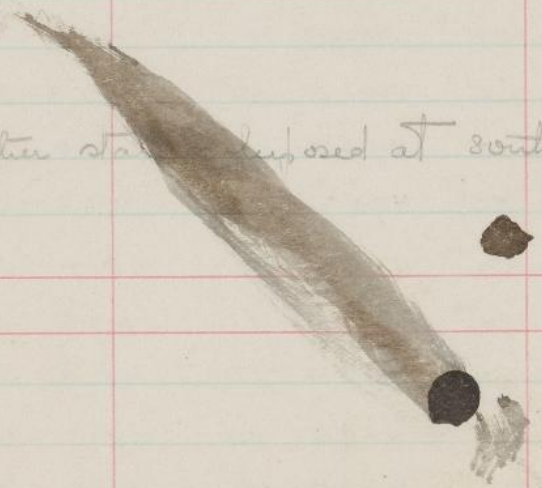
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1913phae.proj.2157C

Friday October 31, 1913

B37662 short

	No.	Int	Class	Remark
✓	28	3	78	
✓	29	3	A0	
✓	30	3	K2	
✓	31	6	A0	
✓	32	2	K2	
✓	32a	4	K2	
	33	2	G5	
✓	34	2	A5	Partly superposed on 33
✓	35	4	B8	
✓	36	4	F0	
✓	37	3	A0	
✓	38	4	K0	
✓	38a			
✓	39	3	A2	
✓	40	4	A0	
✓	41	4	A2	Another star superposed at south
✓	42	2	A0	
✓	43	3	F8	
✓	44	5	B0	
✓	45	4	F5	
✓	46	1	K2	
✓	47	3	A2	
✓	48	3	A0	Partly superposed on 47
✓	49	2	A0	
✓	50	4	G5	
✓	51	3	A0	
✓	52	2	B9	
✓	53	7	F8	
✓	54	6	A2	



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1913phae.proj.2157C

28	−53°	4257	10	52.4	−53	49	9.0	✓
29	−53°	4250	10	51.7	−53	56	9.0	✓
30	−54°	4175	10	50.9	−54	0	9.2	✓
31	−54°	4178	10	51.0	−54	14	8.8	✓ = 32a
32	−54°	4172	10	50.7	−54	34	9.1	✓
32a	−54°	4182	10	51.2	−54	12	8.3	✓ = 31
33	−54°	4184	10	51.3	−54	33	9.4	✓
34	−54°	4184	10	51.3	−54	33	9.4	✓
35	−54°	4145	10	~~49.4~~ 50.4	−54	59	8.8	✓
36	−54°	4173	10	50.8	−54	54	8.6	✓
37	−55°	3999	10	52.0	−55	5	8.8	✓
38	−55°	4018	10	52.8	−55	7	8.3	✓
39	−54°	4193	10	51.9	−54	48	8.8	✓
40	−54°	4209	10	53.5	−54	52	8.6	✓
41	−54°	4218	10	54.0	−54	48	9.0	✓
42	−54°	4202	10	52.8	−54	25	9.2	✓
43	−54°	4208	10	53.4	−54	16	8.8	✓
44	−54°	4217	10	53.8	−54	13	8.2	✓
45	−54°	4222	10	54.3	−54	22	8.4	✓
46	−54°	4204	10	53.1	−54	4	9.4	✓
47	−53°	4266	10	53.3	−53	48	9.0	✓
48	−53°	4269	10	53.4	−53	50	8.8	✓
49	−53°	4273	10	53.7	−53	37	9.2	✓
50	−53°	4271	10	53.6	−53	23	9.0	✓
51	−53°	4270	10	53.4	−53	11	9.2	✓
52	−52°	4069	10	53.5	−52	59	9.2	✓
53	−52°	4072	10	53.7	−52	52	7.9	✓
54	−53°	4282	10	54.4	−53	1	7.9	✓

31 & 32a were numbered incorrectly a.j.c.

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1913phae.proj.2157C

Friday, October 31, 1913

B 37662 short

	No.	Int.	Class	Remark
✓	55	3	7_0	
✓	56	2	9_5	
✓	57	6	K_0	
✓	58	3	B9	
✓	59	4	K_0	
✓	60	6	7_0	
✓	61	5	B8	
✓	62	3	B_0	
✓	63	3	A_0	
✓	64	5	A_2	
✓	65	8	A_3	
✓	66	5	A_0	
✓	67	7	A_0	
✓	68	3	9_5	
✓	69	3	A_0	
✓	70	2	A_2	
✓	71	2	A_2	
✓	72	6	A_3	
✓	73	4	7_0	
✓	74	2	A_3	
✓	75	4	K_0	
✓	76	7	B8	
✓	77	2	9_5	
✓	78	5	A_0	
✓	79	3	78	
✓	80	5	B9	Another star superposed on following.
✓	81	2	7nb	

Time 11.15

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1913phae.proj.21576

55	-52°	4111	10	55.2	-52	54	8.2 ✓
56	-52°	4117	10	55.7	-52	53	8.9 ✓
57	-52°	4109	10	55.2	-52	26	7.9 ✓
58	-52°	4044	10	51.9	-52	23	8.6 ✓
59	-52°	4055	10	52.4	-52	1	8.3 ✓
60	-51°	5151	10	49.9	-51	59	7.7 ✓
61	-51°	5168	10	50.9	-51	56	8.3 ✓
62	-51°	5183	10	52.0	-51	10	8.9 ✓
63	-51°	5197	10	53.1	-51	17	9.4 ✓
64	-51°	5200	10	53.2	-51	23	8.8 ✓
65	-51°	5220	10	54.7	-51	9	6.5 ✓
66	-51°	5225	10	55.1	-51	17	8.0 ✓
67	-51°	5230	10	55.4	-51	24	7.2 ✓
68	-51°	5233	10	55.7	-51	32	8.3 ✓
69	-52°	4144	10	57.2	-52	3	8.8 ✓
70	-51°	5271	10	57.7	-51	56	9.6 ✓
71	-52°	4174	10	58.9	-52	39	9.2 ✓
72	-52°	4175	10	59.0	-52	26	8.2 ✓
73	-52°	4188	10	59.6	-52	12	8.6 ✓
74	-52°	4194	11	0.0	-52	7	8.9 ✓
75	-52°	4219	11	1.2	-52	16	8.4 ✓
76	-52°	4217	11	1.0	-52	36	7.9 ✓
77	-52°	4222	11	1.3	-52	37	8.8 ✓
78	-52°	4211	11	0.8	-52	56	8.2 ✓
79	-53°	4344	11	1.1	-53	3	9.0 ✓
80	-53°	4360	11	2.2	-53	23	8.7 ✓ -53° 4361 nufo. 9.4
81	-53°	4358	11	1.9	-53	12	9.4 ✓

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1913phae.proj.2157C

9.40 Saturday, November 1, 1913

B 37662 short

	No.	Int.	Class	Remark
✓	82	2	A2	
✓	83	2	K2	
✓	84	3	G5	
✓	85	4	F0	
✓	86	6	B8	
✓	87	6	A0	
✓	88	4	A0	
✓	89	5	G5	
✓	90	2	F0	
✓	91	3	A0	
✓	92	3	A0	
✓	93	4	A2	
✓	94	9	B9	
✓	95	6	F8	
✓	96	4	K5	
✓	97	3	A0	
✓	98	5	B9	
✓	99	4	A5	
✓	100	4	K0	
✓	101	2	A2	
✓	102	2	F5	
✓	103	4	G5	
✓	104	2	F2	
✓	105	3	G5	
✓	106	3	K0	
✓	107	6	B8	
✓	108	6	B9	

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1913phae.proj.2157C

82	−53°	4357	11	1.9	−53	6	9.4 ✓
83	−52°	4231	11	1.9	−52	56	9.4 ✓
84	−52°	4221	11	1.2	−52	58	9.2 ✓
85	−52°	4249	11	3.0	−52	34	8.9 ✓
86	−52°	4256	11	3.4	−52	51	8.5 ✓
87	−52°	4271	11	3.9	−52	34	8.4 ✓
88	−52°	4277	11	4.3	−52	39	8.8 ✓
89	−52°	4282	11	4.3	−52	59	8.2 ✓
90	−53°	4367	11	2.9	−53	3	9.5 ✓
91	−53°	4377	11	3.8	−53	18	9.3 ✓
92	−53°	4382	11	4.2	−53	35	9.4 ✓
93	−53°	4392	11	5.4	−53	33	9.1 ✓
94	−54°	4354	11	4.2	−54	2	7.7 ✓
95	−53°	4394	11	5.8	−53	53	8.7 ✓
96	−54°	4338	11	3.3	−54	41	9.0 ✓
97	−54°	4340	11	3.4	−54	37	9.4 ✓
98	−54°	4339	11	3.3	−54	14	8.6 ✓
99	−54°	4355	11	4.3	−54	38	8.8 ✓
100	−54°	4360	11	4.5	−54	33	8.9 ✓
101	−54°	4363	11	4.8	−54	33	9.4 ✓
102	−54°	4370	11	5.2	−54	40	9.4 ✓
103	−54°	4373	11	5.5	−54	36	9.0 ✓
104	−54°	4379	11	5.9	−54	46	9.4 ✓
105	−54°	4386	11	6.7	−54	50	9.3 ✓
106	−54°	4391	11	7.4	−54	41	9.4 ✓
107	−54°	4397	11	7.9	−54	45	9.0 ✓
108	−54°	4400	11	8.2	−54	50	8.6 ✓

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1913phae.proj.2157C

Saturday, November 1, 1913

B 37662 short.

No.	Int.	Class	Remark
✓ 109	7	A_2	
✓ 110	2	B_9	
✓ 111	7	G_0	
✓ 112	2	K_2	
✓ 113	6	A_0	
✓ 114	1	G_5	Partly superposed on 113
✓ 115	3	A_2	
✓ 116	4	A_0	
✓ 117	2	K_0	
✓ 118	4	B_9	
✓ 119	1	G_5	
✓ 120	1	A_2	
✓ 121	4	F_2	
✓ 122	3	B_8	
✓ 123	4	A_2	
✓ 124	8	F_2	
✓ 125	5	K_0	
✓ 126	7	A_5	
✓ 127	3	B_9	
✓ 128	6	G_5	
✓ 129	3	B_9	
✓ 130	8	A_0	
✓ 131	3	A_2	
✓ 132	7	B_8	
✓ 133	7	B_5	
✓ 134	2	A	Nearly all superposed on 133
✓ 135	7	A_0	

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1913phae.proj.2157C

109	-54°	4402	11	8.2	-54	50	8.5	✓
110	-54°	4404	11	8.3	-54	42	9.2	✓
111	-54°	4408	11	8.7	-54	28	8.7	✓
112	-54°	4389	11	7.2	-54	17	9.6	✓
113	-53°	4420	11	9.0	-53	46	8.8	✓
114	-53°	4421	11	9.0	-53	40	9.4	✓
115	-53°	4423	11	9.1	-53	22	9.4	✓
116	-53°	4429	11	9.9	-53	21	9.1	✓
117	-53°	4426	11	9.6	-53	57	9.4	✓
118	-54°	4417	11	9.9	-54	3	8.9	✓
119	-53°	4428	11	9.8	-53	45	9.5	✓
120	-53°	4430	11	10.2	-53	54	9.5	✓
121	-53°	4434	11	10.7	-53	46	9.1	✓
122	-53°	4438	11	11.0	-53	33	9.2	✓
123	-53°	4449	11	11.8	-53	50	9.2	✓
124	-54°	4434	11	11.4	-54	6	7.6	✓
125	-54°	4422	11	10.5	-54	16	8.6	✓
126	-54°	4419	11	10.4	-54	32	8.2	✓
127	-54°	4418	11	10.1	-54	44	9.0	✓
128	-54°	4427	11	11.0	-54	52	8.6	✓
129	-55°	~~3967~~ 4263	1Q 1	~~49.6~~ 11.1	-55	~~30~~ 6	9.X 2	✓
130	-54°	4436	11	11.4	-54	56	7.8	✓
131	-54°	4437	11	11.5	-54	29	9.2	✓
132	-55°	4232	11	9.0	-55	4	8.2	✓
133	-55°	4230	11	8.8	-55	22	8.1	✓
134	-55°	4229	11	8.8	-55	26	9.4	✓
135	-55°	4251	11	10.3	-55	20	8.4	✓

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Saturday, November 1, 1913

B 37662 short

No.	Int.	Class	Remarks
136	2	F8	
137	1	B9	
138	4	F5	
139	1	A0	
140	2	A0	
141	4	B8	
142	8	K0	
143	2	K0	
144	1	K0	
145	2	F0	
146	3	A0	
147	1	K0	
148	2	F2	
149	2	A0	
150	3	B8	
151	2	K0	
152	3	K0	
153	2	K0	
154	3	A5	
155	3	A0	
156	4	A5	
157	5	K0	
158	6	F5	
159	1	K0	
160	2	A2	
161	1	A3	
162	1	A0	

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136	−53°	4281	10	54.3	−53	15	9.4 ✓
137	−53°	4285	10	55.3	−53	30	9.6 ✓
138	−53°	4296	10	56.6	−53	23	9.0 ✓
139	−53°	4295	10	56.5	−53	10	9.6 ✓
140	−52°	4149	10	57.4	−52	34	9.2 ✓
141	−53°	4311	10	58.3	−53	16	8.9 ✓
142	−53°	4317	10	58.6	−53	32	8.1 ✓
143	−53°	4323	10	59.2	−53	18	9.3 ✓
144	−53°	4326	10	59.4	−53	21	9.4 ✓
145	−53°	4329	10	59.6	−53	12	9.4 ✓
146	−53°	4337	11	0.2	−53	35	9.2 ✓
147	−53°	4348	11	1.2	−53	34	9.6 ✓
148	−53°	4346	11	1.2	−53	42	9.6 ✓
149	−53°	4349	11	1.4	−53	50	9.4 ✓
150	−54°	4331	11	2.4	−54	4	9.1 ✓
151	−54°	4321	11	1.6	−54	23	9.3 ✓
152	−54°	4325	11	1.9	−54	37	9.1 ✓
153	−54°	4310	11	0.7	−53	32	9.4 ✓
154	−54°	4309	11	0.6	−54	43	9.4 ✓
155	−55°	4130	11	0.7	−55	5	9.0 ✓
156	−55°	4134	11	0.9	−55	14	8.6 ✓
157	−53°	4284	10	55.0	−53	54	8.8 ✓
158	−53°	4290	10	56.0	−53	55	8.8 ✓
159	−54°	4255	10	56.5	−54	5	9.6 ✓
160	−54°	4235	10	55.2	−54	11	9.6 ✓
161	−54°	4239	10	55.4	−54	12	9.2 ✓
162	−54°	4241	10	55.7	−54	24	9.4 ✓

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1913phae.proj.2157C

Saturday, November 1, 1913

B 37662 short

No.	Int.	Class	Remark
✓ 163	2	B9	
✓ 164	1	B9	
✓ 165	2	A0	
✓ 166	6	B8	Line K strong for this class.
✓ 167	3	A0	
✓ 168	4	F0	
✓ 169	1	K2	
✓ 170	2	B8	
✓ 171	1	G0	
✓ 172	7	B9	
✓ 173	3	Mk	
✓ 174	1	K0	
✓ 175	2	G5	
✓ 176	2	G0	
✓ 177	2	A2	
✓ 178	3	A0	
✓ 179	4	A0	
✓ 180	3	G0	
✓ 181	2	A2	
✓ 182	2	G0	
✓ 183	1	A0	
✓ 184	5	A0	
✓ 185	4	A0	
✓ 186	2	K0	
✓ 187	1	A0	
✓ 188	4	B9	
✓ 189	1	K0	

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1913phae.proj.2157C

163	−54°	4231	10	55.0	−54	33	9.5 ✓
164	−54°	4230	10	54.9	−54	28	9.6 ✓
165	−54°	4233	10	55.0	−54	20	9.4 ✓
166	−54°	4238	10	55.4	−54	41	8.3 ✓
167	−54°	4226	10	54.7	−54	57	9.0 ✓
168	−54°	4227	10	54.8	−54^{5}	0	8.6 ✓
169	−55°	4046	10	55.0	−55	10	9.2 ✓
170	−54°	4246	10	55.9	−54	55	9.1 ✓
171	−54°	4251	10	56.3	−54	44	9.6 ✓
172	−54°	4264	10	57.3	−54	46	8.3 ✓
173	−55°	4075	10	56.8	−55	14	9.3 ✓
174	−55°	4085	10	57.5	−55	10	9.4 ✓
175	−55°	4102	10	58.7	−55	6	9.4 ✓
176	−55°	4105	10	59.0	−55	6	9.4 ✓
177	−54°	4289	10	59.2	−54	57	9.4 ✓
178	−54°	4291	10	59.3	−54	40	9.3 ✓
179	−54°	4281	10	58.5	−54	24	9.0 ✓
180	−54°	4268	10	57.9	−54	45	9.4 ✓
181	−54°	4257	10	57.0	−54	22	9.5 ✓
182	−54°	42 $\frac{71}{72}$	10	57.9	−54	22.9 23.3	9.6 9.6 ✓
183	−54°	4265	10	57.4	−54	6	9.6 ✓
184	−54°	4270	10	57.9	−54	5	9.1 ✓
185	−54°	4278	10	58.4	−54	8	9.0 ✓
186	−54°	4285	10	58.8	−54	11	9.5 ✓
187	−54°	4284	10	58.8	−54	20	9.5 ✓
188	−53°	4310	10	58.1	−53	45	9.0 ✓
189	−53°	4318	10	58.8	−53	45	9.6 ✓

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1913phae.proj.2157C

Saturday, November 1, 1913

No	Int.	Class.	Remark
190	2	Ao	
191	1	Ao	
192			
193			
194			
195			
196			
197			

Continued in Pk. 75, 2

190
191
192
19
19
19
19
19

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1913phae.proj.2157C

190

191

192

193

194

195

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