

1914phae.proj.2164C







1914phae.proj.2164C















This book was examined for additional stars by q.m.c. Jan. 4, 1917

10.53

Friday, February 13, 1914

B 38829 short

G. F. M. Rec.	No.	Int.	Class	Remark
✓ 1	3		G <sub>0</sub>	
✓ 2	1		A <sub>2</sub>	
✓ 3	2		G <sub>5</sub>	
✓ 4	7		K <sub>2</sub>	
✓ 5	1		K <sub>5</sub>	
✓ 6	4		A <sub>2</sub>	
✓ 7	6		B <sub>9</sub>	
✓ 8	5		B <sub>8</sub>	
✓ 9	3		K <sub>5</sub>	
✓ 10	2		A <sub>2</sub>	
✓ 11	1		K <sub>2</sub>	
✓ 12	5		A <sub>0</sub>	
✓ 13	1		K <sub>5</sub>	
✓ 14	3		K <sub>2</sub>	
✓ 15	5		G <sub>0</sub>	
✓ 16	1		A <sub>0</sub>	
✓ 17	2		A <sub>0</sub>	
✓ 18	2		G <sub>5</sub>	
✓ 19	2		F <sub>8</sub>	
✓ 20	5		G <sub>5</sub>	
✓ 21	8		A <sub>2</sub>	
✓ 22	3		A <sub>0</sub>	
✓ 23	5		F <sub>0</sub>	
✓ 24	2		F <sub>8</sub>	
✓ 25	7		K <sub>5</sub>	
✓ 26	4		A <sub>0</sub>	Partly sup. on 25
✓ 27	2		A <sub>0</sub>	



1	-69°	1695	12	35.2	-69	18	8.6	✓
2	-69°	1720	12	44.9	-69	8	8.8	✓
3	-69°	1721	12	45.2	-69	12	8.4	✓
4	-69°	1725	12	46.2	-69	21	8.0	✓
5	-69°	1732	12	49.1	-69	8	9.2	✓
6	-69°	1739	12	50.9	-69	29	8.6	✓
7	-69°	1752	12	55.5	-69	36	8.0	✓
8	-69°	1754	12	56.4	-69	19	7.9	✓
9	-68°	18 <sup>28</sup> <del>30</del>	12	56.9	-68	56	8.6	✓
10	-69°	1757	12	57.8	-69	3	8.7	✓
11	-69°	1763	12	59.1	-69	12	9.0	✓
12	-69°	1765	13	0.3	-69	3	8.0	✓
13	-68°	1826	18 <sup>2</sup>	56.1	-68	39	9.4	✓
14	-68°	1834	12	57.9	-68	37	8.8	✓
15	-68°	1824	12	54.9	-68	7	8.2	✓
16	-68°	1827	12	56.1	-68	16	8.8	✓
17	-68°	1832	12	57.5	-68	9	8.6	✓
18	-67°	2174	12	57.8	-67	54	9.0	✓
19	-67°	2173	12	57.7	-67	41	8.7	✓
20	-67°	2175	12	58.0	-67	29	9.2	✓
21	-67°	2178	12	58.3	-67	26	8.6	✓
22	-67°	2172	12	57.7	-67	20	9.1	✓
23	-67°	2177	12	58.1	-67	5	8.9	✓
24	-67°	2185	12	59.4	-67	18	9.2	✓
25	-67°	2192	13	0.2	-67	8	8.6	✓
26	-67°	2193	13	0.3	-67	13	8.9	✓
27	-67°	2200	13	1.6	-67	44	8.7	✓

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No	Int.	Class	Remark
✓ 28	1	F8	
✓ 29	2	A <sub>0</sub>	
✓ 30	7	A <sub>3</sub>	
✓ 31	1	K <sub>5</sub>	
✓ 32	2	F <sub>0</sub>	
✓ 33	2	A <sub>0</sub>	
✓ 34	3	B8	
✓ 35	2	K <sub>5</sub>	
✓ 36	4	B <sub>9</sub>	
✓ 37	4	B	Almost cont. Hβ bright?
✓ 38	1	A <sub>0</sub>	
✓ 39	2	A	Another star of same class sup.
✓ 40	4	A <sub>0</sub>	
✓ 40 <sup>a</sup>	2	A <sub>2</sub>	
✓ 41	1	K <sub>5</sub>	
✓ 42	3	K <sub>5</sub>	
✓ 43	1	K <sub>5</sub>	
✓ 44	2	B8	
✓ 45	5	B <sub>8</sub>	Another star sup. <sup>Line appears double, maybe due to focus</sup> not seen on chart plate B35617
✓ 46	1	F <sub>ma</sub>	
✓ 47	3	A <sub>0</sub>	
✓ 48	4	F <sub>0</sub>	
✓ 49	3	B <sub>9</sub>	
✓ 50	1	K <sub>5</sub>	
✓ 51	5	F <sub>2</sub>	
✓ 52	3	F <sub>0</sub>	
✓ 53	2	F <sub>5</sub>	
✓ 54	5	B <sub>8</sub>	



28	-68°	1839	13	1.8	-68	7	8.8	✓
29	-68°	1841	13	3.0	-68	17	9.0	✓
30	-68°	1843	13	3.3	-68	15	8.0	✓
31	-68°	1835	12	59.7	-68	42	9.2	✓
32	-68°	1836	<del>12</del> <sup>3</sup>	0.5	-68	44	8.7	✓
33	-69°	1768	13	1.7	-69	3	8.7	✓
34	-69°	1771	13	2.9	-69	20	8.6	✓
35	-69°	1774	13	3.8	-69	39	9.0	✓
36	-69°	1776	13	4.5	-69	29	8.2	✓
37	-70°	1567	13	2.2	-70	8	8.0	✓
38	-69°	1761	<del>12</del> <sup>2</sup>	59.0	-69	51	8.7	✓
39	-70°	1574	13	5.0	-70	22	9.1 9.2	✓ -70° 1575 sup. 9.2
40	-69°	1807	13	11.7	-69	38	8.2	✓
40a	-69°	1790	13	7.6	-69	58	8.6	✓
41	-69°	1812	13	12.3	-69	37	9.2	✓
42	-69°	1813	13	12.8	-69	17	8.7	✓
43	-69°	1829	13	14.8	-69	44	8.8	✓
44	-68°	1884	13	11.2	-68	39	8.7	✓
45	-68°	1890	13	12.9	-68	32	8.2	✓
46	-68°	1893	13	13.2	-68	45	9.4	✓
47	-68°	1897	13	13.5	-68	50	8.6	✓
48	-68°	1898	13	13.6	-68	42	8.8	✓
49	-68°	1906	13	14.7	-68	31	8.6	✓
50	-68°	1902	13	13.9	-68	16	9.1	✓
51	-68°	1905	13	14.6	-68	8	8.6	✓
52	-68°	1913	13	15.9	-68	4	8.6	✓
53	-68°	1919	13	16.8	-68	18	8.9	✓
54	-68°	1790	12	46.4	-68	6	7.9	✓

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B 38829 short

No.	Int.	Class	Remark
✓ 55	4	Ko	
✓ 56	2	Ko	
✓ 57	5	To	
✓ 58	2	Q <sub>2</sub>	
✓ 59	1	Ko	
✓ 60	2	G <sub>5</sub>	
✓ 61	2	Ko	
✓ 62	2	Q <sub>5</sub>	
✓ 63	1	Ko	
✓ 64	3	Q <sub>5</sub>	The preceding of two
✓ 65	2	B <sub>8</sub>	
✓ 66	8	Q <sub>2</sub>	
✓ 67	3	Q <sub>5</sub>	
✓ 68	31.4	Ko	
✓ 69	4.	Ko	
✓ 70	2	B <sub>8</sub>	
✓ 71	1	G <sub>5</sub>	
✓ 72	2	Q <sub>2</sub>	
✓ 73	3	G <sub>5</sub>	
✓ 74	3	To	Partly sup. on 75
✓ 75	4	Q <sub>5</sub>	
✓ 76	5	To	
✓ 77	5	Q <sub>2</sub>	
✓ 78	3	Ko	
✓ 79	7	B <sub>8</sub>	
✓ 80	3	K <sub>2</sub>	
✓ 81	5	B <sub>5</sub>	



55	-68°	1793	12	47.2	-68	14	8.6✓
56	-68°	1801	12	49.4	-68	30	8.8✓
57	-68°	1802	12	49.4	-68	40	8.0✓
58	-68°	1814	12	52.4	-68	14	8.6✓
59	-67°	2148	12	51.8	-67	53	9.1✓
60	-67°	2151	12	52.4	-67	56	8.8✓
61	-67°	2159	12	54.0	-67	51	9.0✓
62	-67°	2161	12	54.4	-67	38	8.7✓
63	-67°	2163	12	54.8	-67	33	9.4✓
64	-67°	2164	12	55.1	-67	28	9.1✓
65	-67°	2170	12	56.2	-67	28	9.2✓
66	-67°	2157	12	53.5	-67	11	8.4✓
67	-66°	2030	12	53.2	-66	56	8.9✓
68	-66°	2039	12	54.3	-66	46	9.1✓
69	-66°	1960	12	43.0	-66	44	9.0✓
70	-66°	1982	12	45.9	-66	43	8.8✓
71	-66°	1984	12	46.2	-66	40	9.2✓
72	-66°	1990	12	47.7	-66	50	9.1✓
73	-66°	1999	12	48.4	-66	52	9.1✓
74	-66°	2001	12	48.7	-66	57	9.0✓
75	-66°	2002	12	48.7	-66	52	8.9✓
76	-66°	2009	12	49.5	-66	32	8.9✓
77	-66°	1995	12	48.3	-66	17	8.8✓
78	-66°	1997	12	48.3	-66	7	9.2✓
79	-66°	2028	12	52.3	-66	10	8.2✓
80	-65°	2110	12	52.9	-65	48	8.8✓
81	-66°	2023	12	51.4	-66	37	8.6✓

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&lt;

&lt; B 3882 9 short

No.	Int.	Class	Remark
✓ 82	3	K <sub>0</sub>	
✓ 83	2	A	Another star sup.? not seen on chart plate B 35617
✓ 84	2	A <sub>0</sub>	
✓ 85	4	K <sub>2</sub>	
✓ 86	3	B <sub>9</sub>	
✓ 87	6	A <sub>0</sub>	
✓ 88	3	A <sub>3</sub>	
✓ 89	2	B <sub>9</sub>	
✓ 90	4	F <sub>2</sub>	
✓ 91	3	A <sub>0</sub>	
✓ 92	2	A <sub>2</sub>	
✓ 93	2	A <sub>2</sub>	
✓ 94	5	A <sub>0</sub>	
✓ 95	4	A <sub>2</sub>	
✓ 96	7	K <sub>0</sub>	
✓ 97	7	B <sub>9</sub>	
✓ 98	1	K <sub>5</sub>	
✓ 99	2	F <sub>8</sub>	
✓ 100	4	G <sub>0</sub>	
✓ 101	4	G <sub>5</sub>	
✓ 102	5	F <sub>6</sub>	
✓ 103	4	A <sub>2</sub>	
✓ 104	2	A <sub>3</sub>	
✓ 105	3	G <sub>0</sub>	
✓ 106	1	A <sub>5</sub>	
✓ 107	3	B <sub>8</sub>	
✓ 108	3	K <sub>2</sub>	



82	-66°	2020	12	50.5	-66	48	9.1 ✓
83	-66°	2011	12	50.0	-66	50	9.1 ✓
84	-66°	2018	12	50.4	-66	41	9.2 ✓
85	-67°	2135	12	50.1	-67	9	9.2 ✓
86	-67°	2145	12	51.1	-67	2	9.2 ✓
87	-66°	2024	12	51.5	-66	56	8.4 ✓
88	-66°	2038	12	54.3	-66	2	8.9 ✓
89	-66°	2040	12	54.4	-66	6	9.0 ✓
90	-66°	2054	12	56.7	-66	11	8.8 ✓
91	-66°	2061	12	58.0	-66	5	8.9 ✓
92	-66°	2060	12	58.0	-66	22	8.9 ✓
93	-66°	2064	12	58.3	-66	25	9.0 ✓
94	-66°	2075	12	59.0	-66	17	8.6 ✓
95	-66°	2070	12	58.5	-66	11	8.8 ✓
96	-65°	2181	13	1.4	-65	52	8.7 ✓
97	-66°	2092	13	1.8	-66	4	8.5 ✓
98	-66°	2080	12	59.6	-66	33	9.4 ✓
99	-66°	2062	12	58.2	-66	56	9.1 ✓
100	-66°	2093	12 <sup>3</sup>	1.9	-66	53	9.0 ✓
101	-66°	2104	12 <sup>3</sup>	2.8	-66	54	9.2 ✓
102	-66°	2110	13	3.3	-66	48	8.9 ✓
103	-66°	2113	13	3.6	-66	47	9.0 ✓
104	-67°	2208	13	3.9	-67	4	9.1 ✓
105	-67°	2217	13	5.3	-67	16	9.0 ✓
106	-67°	2218	13	5.7	-67	30	9.3 ✓
107	-67°	2227	13	7.5	-67	54	8.6 ✓
108	-66°	2145	13	8.9	-66	56	9.2 ✓

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B 38829 short

No.	Dnt.	Class	Remark
✓ 109	4	K <sub>2</sub>	
✓ 110	4	F <sub>5</sub>	
✓ 111	1	K <sub>5</sub>	
✓ 112	5	K <sub>2</sub>	
✓ 113	1	A <sub>0</sub>	
✓ 114	1	K <sub>0</sub>	
✓ 115	1	K <sub>2</sub>	
✓ 116	2	A <sub>0</sub>	
✓ 117	2	F <sub>5</sub>	Another star sep. at south
✓ 118	2	K <sub>5</sub>	
✓ 119	1	A <sub>0</sub>	
✓ 120	3	K <sub>5</sub>	
✓ 121	1	K <sub>2</sub>	
✓ 122	1	A	
✓ 123	2	K <sub>5</sub>	
✓ 124	1	B <sub>9</sub>	
✓ 125	1	K <sub>5</sub>	
11.16 ✓ 126	2	K <sub>0</sub>	
Saturday Feb. 14, 1914 ✓ 127	3	K <sub>0</sub>	
10.30 ✓ 128	2	K <sub>2</sub>	
✓ 129	1	Ma	
✓ 130	2	A <sub>2</sub>	
✓ 131	2	A <sub>2</sub>	
✓ 132	4	F <sub>8</sub>	
✓ 133	2	A <sub>2</sub>	
✓ 134	8	B <sub>8</sub>	
✓ 135	2	A <sub>0</sub>	



109	-66°	2149	13	9.5	-66	47	9.1 ✓
110	-66°	2161	13	10.7	-66	58	9.0 ✓
111	-66°	2158	13	10.5	-66	43	9.5 ✓
112	-66°	2146	13	9.2	-66	18	9.0 ✓
113	-67°	2231	13	8.5	-67	59	9.1 ✓
114	-68°	1873	13	10.0	-68	2	9.0 ✓
115	-68°	1881	13	10.8	-68	8	9.2 ✓
116	-68°	1847	13	4.0	-68	13	8.7 ✓
117	-67°	2206	<sup>3</sup> 12	3.4	-67	44	8.9 ✓ -67° 2205 sup. 9.0
118	-68°	1844	13	3.4	-68	52	9.0 ✓
119	-68°	1846	13	3.5	-68	59	9.0 ✓
120	-68°	1858	13	7.4	-68	53	8.7 ✓
121	-68°	1866	13	8.8	-68	50	9.2 ✓
122	-69°	1797	13	9.1	-69	9	9.0 ✓
123	-68°	1918	13	16.7	-68	47	9.3 ✓
124	-67°	2260	13	14.0	-67	34	9.3 ✓
125	-67°	2259	13	14.0	-67	19	9.4 ✓
126	-67°	2283	13	19.1	-67	27	9.2 ✓
127	-68°	1758	12	40.3	-68	2	8.8 ✓
128	-67°	2086	12	42.2	-67	56	9.0 ✓
129	-68°	1776	12	43.2	-68	10	9.1 ✓
130	-68°	1774	12	43.1	-68	8	9.0 ✓
131	-68°	1778	12	43.4	-68	4	8.9 ✓
132	-68°	1783	12	44.2	-68	13	8.6 ✓
133	-68°	1773	12	43.0	-68	56	8.8 ✓
134	-68°	1777	12	43.3	-68	58	7.2 ✓
135	-68°	1740	12	36.4	-68	45	8.6 ✓

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B 38829 short

No.	Sex.	Class	Remark
✓ 136	2	Ao	
✓ 137	4	Bg	
✓ 138	2	Ko	
✓ 139	2	K5	
✓ 140	2	G0	
✓ 141	6	Bg	
✓ 142	9	A2	
✓ 143	1	Ma	
✓ 144	4	Bg	
✓ 145	5	Ao	
✓ 146	2	Bg	
✓ 147	7	B8	
✓ 148	4	K5	
✓ 149	4	Bg	
✓ 150	3	G0	
✓ 151	3	Ao	Another star of same class super at south-
✓ 152	3	Ao	
✓ 153	2	Ko	
✓ 154	4	Ao	Another star super at north-
✓ 155	2	K5	
✓ 156	4	B3	Another star super?
✓ 157	8	Ko	
✓ 158	3	Ao	
✓ 159	3	K5	
✓ 160	4	Ao	
10.35 ✓ 161	2	Bg	
162			



136	-67°	2052	12	36.9	-67	52	8.7	✓
137	-66°	1916	12	38.0	-66	56	8.5	✓
138	-67°	2085	12	42.0	-67	16	9.3	✓
139	-67°	2093	12	42.9	-67	27	9.2	✓
140	-67°	2090	12	42.8	-67	24	9.1	✓
141	-66°	1947	12	40.8	-66	40	8.2	✓
142	-66°	1944	12	40.6	-66	27	8.1	✓
143	-66 <sup>5</sup> °	<del>2025</del> 1945	12	<del>41.9</del> 40.8	-66 <sup>5</sup> °	54	9.2	✓
144	-65°	2027	12	42.3	-65	51	8.5	✓
145	-65°	2035	12	43.1	-65	45	8.6	✓
146	-66°	1965	12	43.7	-66	10	8.9	✓
147	-66°	1969	12	44.1	-66	10	8.2	✓
148	-65°	2049	12	44.7	-65	40	9.0	✓
149	-65°	2030	12	42.6	-65	25	8.8	✓
150	-66°	1927	12	38.9	-66	8	8.8	✓
151	-65°	1973	12	36.0	-65	56	8.9	✓ -66° 1898 sup. 9.0
152	-65°	1993	12	38.2	-65	41	9.0	✓
153	-65°	2006	12	39.8	-65	33	8.9	✓
154	-65°	2041	12	43.9	-65	17	8.5	✓ -65° 2045 12 H.V. 1-65 10 9.0 and super. at north -65° 2040 sup. 9.4 super. at south
155	-65°	2071	12	47.3	-65	21	9.0	✓
156	-65°	2082	12	48.6	-65	0	8.7	✓
157	-64°	2086	12	49.8	-64	58	8.3	✓
158	-65°	2117	12	54.2	-65	28	8.8	✓
159	-65°	2121	12	54.4	-65	34	9.1	✓
160	-65°	2127	12	55.0	-65	25	8.7	✓
161	-65°	2122	12	54.5	-65	23	9.0	✓

Identified on cards by Am.C. Nov. 4, 1914

Identified in book by J.E.M. Nov. 13, 1914

Identification compared by S.R.B. Nov. 18, 1914.







Saturday Feb. 14, 1914

10.45

B 21746 photo

No.	Dist.	class	Remarks
✓ 1	10	Fo	
✓ 2	7	B9	
✓ 3	2	Ao	
✓ 4	2	B9	
✓ 5	7	B5	
✓ 6	3	B8	
✓ 7	3	B5	
✓ 8	2	K5	
✓ 9	6	B8	
✓ 10	6	B9	Partly super. on 11
✓ 11	8	B3	
✓ 12	7	B9	
✓ 13	2	B9	
✓ 14	1	K5	
✓ 15	5	Ao	
✓ 16	4	B9	
✓ 17	2	Ko	
✓ 18	1	Ao	
✓ 19	7	Ao	
✓ 20	1	Ko	
✓ 21	4	B9	
✓ 22	3	B8	
✓ 23	10	Ao	
✓ 24	4	B3	
✓ 25	8	F5	
✓ 26	5	B9	
✓ 27	3	B0	



1	-60°	4070	12	23.4	-60	18	8.1✓
2	-60°	4090	12	24.5	-60	12	8.2✓
3	-60°	4098	12	24.8	-60	2	9.2✓
4	-60°	4116	12	25.7	-60	11	9.2✓
5	-60°	4128	12	26.1	-60	15	8.5✓
6	-60°	4163	12	28.0	-60	2	8.9✓
7	-60°	4147	12	27.2	-60	30	9.0✓
8	-60°	4150	12	27.3	-60	38	9.4✓
9	-60°	4167	12	28.4	-60	37	8.8✓
10	-60°	4168	12	28.6	-60	49	8.9✓
11	-60°	4170	12	28.6	-60	53	8.4✓
12	-60°	4199	12	31.1	-60	55	8.4✓
13	-61°	3317	12	31.1	-61	7	9.0✓
14	-60°	4200	12	31.3	-60	42	9.7✓
15	-61°	4183	12	29.6	-61	2	8.9✓
16	-60°	4191	12	30.3	-60	6	9.0✓
17	-60°	4181	12	29.6	-60	22	9.3✓
18	-60°	4192	12	30.3	-60	27	9.5✓
19	-60°	4225	12	<sup>3</sup> 38.5	-60	14	8.4✓
20	Approx.	1875	12	33.9	-60	14	✓
21	-60°	4232	12	34.1	-60	16	9.1✓
22	-60°	4231	12	34.1	-60	23	9.2✓
23	-60°	4244	12	35.2	-60	20	7.8✓
24	-60°	4249	12	35.6	-60	17	8.6✓
25	-60°	4251	12	35.8	-60	28	8.3✓
26	-60°	4255	12	36.2	-60	2	8.8✓
27	-59°	4396	12	35.0	-59	58	9.0✓

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B21746 photo

No.	Dist.	class	Remarks
✓ 28	2	B0	
✓ 29	10+	K	Burned out
✓ 30	2	A0	Nearly all super. on 29
✓ 31	4	B5	
✓ 32	7	F0	
✓ 33	4	B0	
✓ 34	7	K2	
✓ 35	3	A0	
✓ 36	8	B8	
✓ 37	5	B8	
✓ 38	2	K2	
✓ 39	3	A0	
✓ 40	5	K0	
✓ 41	10	A0	
✓ 42	4	B9	Partly super on 41
✓ 43	7	B0	
✓ 44	3	A0	
✓ 45	2	K2	Partly super on 44
✓ 46	3	Comp	From 14.5 to 42.00 = K0 From 42.00 to 45.00 = A
✓ 47	4	F0	
✓ 48	4	B8	
✓ 49	6	B5	
✓ 50	5	B9	
✓ 51	5	A0	
✓ 52	3	B5	
✓ 53	10+	A0	
✓ 54	4	B5	



28	-60°	4264	12	37.3	-60	20	9.3	✓	
29	-60°	4273	12	38.3	-60	18	7.6	✓	
30	-60°	4272	12	38.2	-60	19	9.2	✓	-60° 4269 sup. 9.5
31	-60°	4274	12	38.6	-60	5	8.8	✓	
32	-60°	4277	12	39.0	-60	9	8.8	✓	
33	-59°	44 <sup>2</sup> 83	12	38.6	-59	52	8.7	✓	
34	-59°	4418	12	37.8	-59	23	8.4	✓	
35	-59°	4410	12	37.4	-59	38	9.2	✓	
36	-59°	4412	12	37.4	-59	47	8.1	✓	
37	-59°	4431	12	39.2	-59	51	8.7	✓	
38	-59°	4436	12	39.3	-59	21	9.2	✓	
39	-59°	4434	12	39.3	-59	31	8.8	✓	
40	-59°	4440	12	39.7	-59	43	8.8	✓	
41	-59°	4448	12	40.3	-59	24	8.0	✓	
42	-59°	4449	12	40.3	-59	29	8.8	✓	
43	-59°	4460	12	40.8	-59	32	8.1	✓	
44	-59°	4463	12	40.9	-59	41	9.0	✓	
45	-59°	4459	12	40.8	-59	40	9.1	✓	
46	-59°	4474	12	41.9	-58	59	8.6	✓	Only one star in C.P.D.
47	-60°	4301	12	41.7	-60	23	8.8	✓	
48	-60°	4309	12	42.2	-60	17	9.0	✓	
49	-60°	4306	12	42.1	-60	1	8.8	✓	-60° 4304 sup. 9.7
50	-59°	4480	12	42.4	-59	50	8.9	✓	
51	-59°	4478	12	42.3	-59	26	8.8	✓	
52	-59°	4482	12	42.8	-59	19	9.0	✓	
53	-59°	4483	12	42.8	-59	43	7.5	✓	
54	-59°	4485	12	43.1	-59	59	8.6	✓	

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No.	Inx.	Class	Remarks
✓ 55	4	B3	
✓ 56	4	B2	
✓ 57	1	K0	
✓ 58	1	A0	
✓ 59	2	B8	
✓ 60	5	F0	
✓ 61	4	B0	
✓ 62	1	G0	
✓ 63	2	A2	
✓ 64	1	B9	
✓ 65	5	B0	
✓ 66	6	A0	
✓ 67	2	B0	
✓ 68	4	B9	
✓ 69	3	A0	
✓ 70	1	B9	
✓ 71	1	K5	
✓ 72	2	B8	
✓ 73	7	B0	
✓ 74	2	B9	
✓ 75	4	B9	
✓ 76	3	B8	
✓ 77	4	F2	
✓ 78	7	F8	
✓ 79	4	K2	
✓ 80	2	F5	
✓ 81	3	B8	



55	-59°	4488	12	43.6	-59	46	8.6	✓
56	-60°	4320	12	43.6	-60	34	8.8	✓
57	-60°	4314	12	43.0	-60	37	9.7	✓
58	-60°	4307	12	42.1	-60	34	9.1	✓
59	-60°	4300	12	41.7	-60	45	9.2	✓
60	-60°	4288	12	39.9	-60	32	8.7	✓
61	-60°	4285	12	39.4	-60	30	8.8	✓
62	-60°	4286	12	39.6	-60	44	9.6	✓
63	-61°	3358	12	38.1	-61	6	9.3	✓
64	-61°	3353	12	37.6	-61	4	9.4	✓
65	-60°	4259	12	37.0	-60	42	8.6	✓
66	-60°	4260	12	37.0	-60	50	8.6	✓
67	-60°	<del>4253</del> 4218	12	<del>36.0</del> 32.8	-60	<del>58</del> 56	<del>9.2</del> 9.5	✓
68	-61°	3340	12	33.6	-61	18	9.0	✓
69	-61°	3335	12	33.3	-61	18	8.8	✓
70	-60°	4218	12	32.8	-60	56	9.5	✓
71	-61°	3330	12	32.8	-61	3	9.9	✓
72	-61°	3326	12	32.4	-61	35	9.4	✓
73	-61°	3327	12	32.4	-61	45	8.8	✓
74	-61°	3341	12	33.7	-61	39	9.1	✓
75	-62°	2879	12	34.5	-62	0	9.2	✓
76	-61°	3352	12	36.9	-61	48	9.2	✓
77	-61°	3355	12	37.6	-61	32	9.0	✓
78	-61°	3356	12	37.9	-61	32	8.6	✓
79	-61°	3360	12	38.4	-61	24	9.2	✓
80	-61°	3359	12	38.3	-61	30	9.1	✓
81	-61°	3363	12	38.9	-61	37	8.8	✓

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	No.	Int.	class	Remnt-
✓	82	2	Ao	
✓	83	3	Ao	
✓	84	2	Bg	
✓	85	1	Bs	
✓	86	1	Bg	
✓	87	9	Ko	
✓	88	3	Ao	
✓	89	1	Ko	
✓	90	5	Ko	
✓	91	1	Ao	
✓	92	3	Fs	
✓	93	2	B8	
✓	94	3	B8	
✓	95	3	Ks	
✓	96	4	Ao	
✓	97	7	Ao	
✓	98	3	Fs	
✓	99	2	Bg	
✓	100	9	Ao	
✓	101	1	Bs	
✓	102	4	Ao	
✓	103	3	Ao	
✓	104	2	Bg	Partly - super on 103
✓	105	7	Bg	
✓	106	2	Ko	
✓	107	3	Bg	
✓	108	6	B8	



82	-61°	3365	12	39.2	-61	40	9.2✓
83	-61°	3367	12	40.0	-61	52	9.0✓
84	-61°	3371	12	40.9	-61	29	9.1✓
85	-61°	3375	12	42.7	-61	46	9.5✓
86	-61°	3374	12	42.1	-61	51	9.2✓
87	-61°	3376	12	42.8	-61	58	8.4✓
88	-61°	3379	12	43.7	-61	43	9.0✓
89	-61°	3382	12	45.0	-61	42	9.7✓
90	-62°	2949	12	45.6	-62	0	9.0✓
91	-61°	3381	12	44.8	-62	0	9.5✓
92	-62°	2942	12	43.4	-62	19	9.2✓
93	-62°	2944	12	44.4	-62	28	9.2✓
94	-62°	2947	12	45.0	-62	22	9.2✓
95	-62°	2945	12	44.6	-62	46	9.2✓
96	-62°	2948	12	45.3	-62	39	9.0✓
97	-62°	2954	12	46.5	-62	29	8.8✓
98	-62°	2961	12	47.9	-62	27	9.2✓
99	-61°	3386	12	46.7	-61	58	9.2✓
100	-61°	3391	12	47.5	-61	53	8.1✓
101	-61	3394	12	48.3	-61	56	9.3✓
102	-61°	3385	12	46.5	-61	6	8.9✓
103	-61°	3388	12	46.9	-61	7	9.0✓
104	-61°	3389	12	47.0	-61	9	9.1✓
105	-61°	3396	12	48.7	-61	5	8.5✓
106	-60°	4361	12	48.6	-60	47	9.2✓
107	-60°	4363	12	49.0	-60	39	9.0✓
108	-60°	4329	12	44.4	-60	24	8.7✓

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No.	Dist.	Class	Remark
✓ 109	5	B5	
✓ 110	6	B3	
✓ 111	5	G0	
✓ 112	4	B0	
✓ 113	7	B5	
✓ 114	3	B2	
✓ <del>114a</del> 115	2	B8	
✓ 116	4	B3	
✓ 117	3	B5	
✓ 118	4	B3	
✓ 119	2	B8	
✓ 120	6	A0	
✓ 121	8	B3	
✓ 122	10	A3	
✓ 123	2	K5	Partly super on 124
✓ 124	3	G0	
✓ 125	3	B2	
✓ 126	5	B3	
✓ 127	7	B3	Another star probably of same class super at north.
✓ 128	2	B9	
✓ 129	3	A0	
✓ 130	2	B8	
✓ 131	2	A0	
✓ 132	9	B0	
✓ 133	2	B9	
✓ 134	2	B2	
✓ 135	8	F0	



109	-60°	4335	12	45.3	-60	8	8.8	✓
110	-60°	4341	12	45.8	-60	3	8.6	✓
111	-60°	4339	12	45.7	-60	12	8.5	✓
112	-60°	4346	12	46.4	-60	4	8.6	✓
113	-60°	4351	12	46.8	-60	13	8.4	✓
<del>114</del>	<del>-59°</del>	<del>4498</del>	<del>12</del>	<del>44.2</del>	<del>-59</del>	<del>49</del>	<del>8.8</del>	
114	-60	4350	12	46.8	-60	24	8.7	✓
115	-59°	4502	12	44.5	-59	43	9.0	✓
116	-59°	4504	12	44.6	-59	52	8.8	✓
117	-59°	4498	12	44.2	-59	49	8.8	✓
118	-59°	4538	12	46.0	-59	31	8.8	✓
119	-59°	4516	12	45.4	-59	53	9.2	✓
120	-59°	4579	12	47.9	-59	37	8.7	✓
121	-59°	4580	12	48.0	-59	58	8.4	✓
122	-60°	4357	12	48.4	-60	14	8.3	✓
123	-59°	4593	12	49.0	<del>-59</del>	0	9.1	✓
124	-60	4364	12	49.0	-60	0	8.9	✓
125	-60°	4370	12	50.3	-60	8	8.5	✓
126	-60°	4369	12	50.2	-60	13	8.5	✓
127	-60°	4372	12	50.5	-60	23	8.3	-60° 4371 sup. 8.6
128	-60°	4375	12	50.8	-60	20	9.0	✓
129	-59°	4617	12	51.1	-59	54	8.9	✓
130	-59°	4621	12	51.5	-59	58	9.1	✓
131	-59°	4618	12	51.2	-59	39	9.2	✓
132	-59°	4634	12	52.5	-59	55	8.2	✓
133	-60°	4382	12	53.0	-60	11	8.9	✓
134	-60°	4387	12	53.7	-60	23	9.2	✓
135	-60°	4395	12	55.0	-60	39	8.4	✓

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B 21746 short

No.	Sex.	class	Remark
✓ 136	3	A3	
✓ 137	3	K5	
✓ 138	4	B8	
✓ 139	8	B0	Another star super?
✓ 140	10	B8	
✓ 141	9	B5	
✓ 142	4	B5	
✓ 143	3	K0	
✓ 144	3	A0	
✓ 145	6	B5	
✓ 146	3	A0	
✓ 147	6	A0	Another star super. north-following.
✓ 148	7	A2	
✓ 149	6	B3	
✓ 150	8	A0	
✓ 151	2	A2	
✓ 152	1	A0	
✓ 153	6	B8	
✓ 154	3	K5	
✓ 155	2	K0	Partly super on 156
✓ 156	7	B2	
✓ 157	4	A0	
✓ 158	7	F0	
✓ 159	3	A0	
✓ 160	2	A0	
✓ 161	1	K0	
✓ 162	3	B9	



136	-60°	4406	12	56.4	-60	47	8.8	✓
137	-60°	4423	12	57.3	-60	46	9.2	✓
138	-60°	4419	12	57.1	-60	23	8.6	✓
139	-60°	4396	12	55.2	-60	4	8.4	-60° 4397 sup. 9.8
140	-59°	4651	12	54.0	<del>-59</del> <sup>-60</sup>	0	8.1	✓
141	-59°	4640	12	52.9	-59	42	7.5	✓
142	-59°	4653	12	54.1	-59	46	8.8	✓
143	-59°	4659	12	54.2	-59	40	9.2	✓
		<del>4669</del>	<del>12</del>	<del>54.7</del>	<del>-59</del>	<del>40</del>	<del>9.2</del>	
144	-59°	<del>4666</del>	<del>12</del>	<del>54.5</del>	<del>-59</del>	<del>39</del>	<del>9.3</del>	
145	-59°	4654	12	54.1	-59	24	8.3	✓
146	-59°	4674	12	55.0	-59	16	8.9	✓
147	-59°	4683	12	55.4	-59	20	8.6	-59° 4685 sup. 9.2
148	-59°	4700	12	56.4	-59	31	8.6	✓
149	-59°	4693	12	55.9	-59	42	8.7	✓
150	-59°	4719	12	57.5	-59	46	8.4	✓
151	-60°	4427	12	57.5	-60	2	9.2	✓
152	-59°	4733	12	58.6	-59	57	9.2	✓
153	-59°	4735	12	59.2	-59	36	8.5	✓
154	-59°	4746	12	59.8	-59	36	9.4	✓
155	-59°	4760	13	0.8	-59	41	9.4	✓
156	-59°	4769	13	1.0	-59	40	8.4	✓
157	-59°	4772	13	1.2	-59	33	8.6	✓
158	-59°	4778	13	1.5	-59	38	8.5	✓
159	-60°	4448	12	59.6	-60	2	8.8	✓
160	-59°	4747	12	59.8	<del>-59</del> <sup>-60</sup>	0	9.0	✓
161	-60°	4448 <sup>9</sup>	12	59.6	-60	<del>2</del> <sup>10</sup>	<del>8.8</del> <sup>9.2</sup>	✓
162	-60°	4436	12	58.6	-60	28	8.8	✓

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B 21746 short

No.	Dist.	Class	Remark
✓ 163	5	B <sub>0</sub>	
✓ 164	3	B <sub>5</sub>	
✓ 165	2	B <sub>0</sub>	
✓ 166	4	F <sub>8</sub>	
✓ 167	5	B <sub>5</sub>	
✓ 168	7	F <sub>5</sub>	
✓ 169	2	B <sub>8</sub>	
✓ 170	1	B	
✓ 171	6	B <sub>8</sub>	Another star super?
✓ 172	4	B <sub>5</sub>	
✓ 173	2	F <sub>5</sub>	
✓ 174	2	A <sub>0</sub>	
✓ 175	1	F <sub>5</sub>	
✓ 176	4	B <sub>8</sub>	
✓ 177	3	B <sub>8</sub>	
✓ 178	3	A <sub>0</sub>	
✓ 179	7	K <sub>0</sub>	
✓ 180	7	K <sub>2</sub>	
✓ 181	8	B <sub>9</sub>	
✓ 182	1	Ma	
✓ 183	4	B <sub>5</sub>	
✓ 184	4	B <sub>8</sub>	
✓ 185	8	B <sub>2</sub>	Lines very narrow
✓ 186	6	A <sub>2</sub>	
✓ 187	9	B <sub>9</sub>	
✓ 188	6	A <sub>0</sub>	
✓ 189	9	F <sub>0</sub>	



163	-61°	3439	12	56.9	-61	2	8.6	✓
164	-61°	3449	12	58.9	-61	17	9.2	✓
165	-60°	4451	12	59.7	-60	56	9.3	✓
166	-61°	3464	12	59.8	-61	4	9.0	✓
167	-61°	3454	12	59.1	-61	16	9.0	✓
168	-61°	3451	12	59.0	-61	26	9.0	✓
169	-61°	3445	12	58.2	-61	34	9.0	✓
170	-61°	3421	12	54.2	-61	10	9.2	✓
171	-61°	3419	12	54.1	-61	30	8.9	-61° 3417 sup. 9.6
172	-61°	3418	12	54.1	-61	48	9.0	✓
173	-61°	3425	12	54.8	-61	52	9.4	✓
174	-61°	3432	12	55.7	-61	37	9.3	✓
175	-61°	3437	12	56.8	-61	43	9.6	✓
176	-61°	<sup>3401</sup> 3381	12	51.7	-61	37	9.1	✓
177	-61°	<sup>3406</sup> 3386	12	52.5	-61	45	9.2	✓
178	-61°	<sup>3408</sup> 3388	12	52.7	-61	48	9.2	✓
179	-61°	3410	12	53.0	-61	59	8.7	✓
180	-62°	<sup>81</sup> 2970	12	<sup>53.4</sup> 50.1	-62	<sup>21</sup> 59	8.9	✓
181	-62°	2982	12	53.7	-62	15	8.6	✓
182	-62°	2973	12	50.6	-62	9	9.8	✓
183	-62°	2978	12	51.5	-62	15	9.0	✓
184	-62°	2979	12	51.5	-62	38	9.0	✓
185	-62°	2965	12	49.5	-62	47	8.2	✓
186	-62°	<sup>69</sup> 2970	12	50.1	-62	59	8.7	✓
187	-62°	2977	12	51.3	-62	58	8.0	✓
188	-62°	2962	12	48.1	-62	56	8.6	✓
189	-62°	2960	12	47.4	-62	58	8.2	✓

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B21746 shd

No.	Sex.	Class	Remark
✓ 190	5	B8	
✓ 191	1	A2	
✓ 192	4	B8	
✓ 193	7	B8	
✓ 194	2	A0	
✓ 195	2	B	Almost cont.
✓ 196	8	A2	
✓ 197	3	B8	
✓ 198	2	A0	
✓ 199	3	A0	

11.14 ✓ 200 1 A0

Mon. Feb. 16, 14 ✓ 201 4 A2

10.23 ✓ 202 2 B9

✓ 203 4 A0

✓ 204 4 A0 Lines broad

✓ 205 2 B0

✓ 206 3 A0

✓ 207 2 B0 Almost cont.

✓ 208 5 B2

✓ 209 2 A0

✓ 210 7 A0

✓ 211 9 F0

✓ 212 1 K5

✓ 213 2 A0

✓ 214 4 K5

✓ 215 3 K5

✓ 216 1 B0



190	-62°	2914	12	37.5	-62	17	8.8	✓
191	-62°	2917	12	38.5	-62	1	9.2	✓
192	-62°	2919	12	39.2	-62	28	9.0	✓
193	-62°	2921	12	39.7	-62	24	8.8	✓
194	-62°	2926	12	40.2	-62	17	9.6	✓
195	-62°	2928	12	40.4	-62	19	9.2	✓
196	-62°	2932	12	40.7	-62	21	8.4	✓
197	-62°	2927	12	40.4	-62	25	9.2	✓
198	-62°	2929	12	40.5	-62	46	9.2	✓
199	-62°	2922	12	39.9	-62	52	9.2	✓
200	-62°	2931	12	40.7	-62	59	9.5	✓
201	-63°	2418	12	42.0	-63	31	9.2	✓
202	-64°	2018	12	41.2	-64	5	9.2	✓
203	-63°	2415	12	40.7	-63	58	8.9	✓
204	-63°	2483	12	40.1	-63	59	9.2	✓
205	-64°	2012	12	40.3	-64	4	9.2	✓
206	-64°	2013	12	40.5	-64	10	9.2	✓
207	-64°	2003	12	39.5	-64	21	9.2	✓
208	-64°	2001	12	39.0	-64	14	8.9	✓
209	-64°	1993	12	37.7	-64	14	9.2	✓
210	-64°	1990	12	37.4	-64	17	8.4	✓
211	-64°	1983	12	34.5	-64	3	8.0	✓
212	-63°	2391	12	33.8	-63	51	9.3	✓
213	-63°	2387	12	33.2	-63	57	9.4	✓
214	-63°	2379	12	31.7	-63	27	9.2	✓
215	-63°	2384	12	32.2	-63	7	9.2	✓
216	-63°	2407	12	37.0	-63	22	9.2	✓

Monday, February 16, 1914

B 21746 short

No.	Int.	Class	Remarks
✓ 217	7	A5	
✓ 218	2	K5	
✓ 219	2	A0	
✓ 220	7	B9	
✓ 221	3	A	Another star sup.?
✓ 222	1	K5	
✓ 223	10+	B	Burned out
✓ 224	6	B8	Partly sup. on 223
✓ 225	5	B	In a group. Other stars sup.
✓ 226	2	G0	
✓ 227	1	K0	
✓ 228	1	A0	
✓ 229	1	K2	
✓ 230	2	B9	
✓ 231	2	B8	
✓ 232	2	A0	
✓ 233	4	A0	
✓ 234	2	F8	
✓ 235	2	F8	
✓ 236	1	K0	
✓ 237	2	A0	
10.32 ✓ 238	4	A0	
10.45 ✓ 239	7	B0	
✓ 240	6	A0	
✓ 241	9	F5	
✓ 242	6	K0	
✓ 243	4	B8	



217	-63°	2406	12	36.7	-63	31	8.7	✓
218	-62°	2871	12	33.4	-62	43	9.4	✓
219	-62°	2869	12	33.2	-62	36	9.6	✓
220	-62°	2865	12	32.9	-62	46	8.8	✓
221	-62°	2862	12	32.1	-62	40	9.0	✓
222	-62°	<sup>2902</sup> 2898	12	<sup>8</sup> 35.5	-62	<sup>14</sup> 22	<sup>9.3</sup> 6.6	✓
223	-62°	2898	12	35.5	-62	22	6.6	✓
224	-62°	2899	12	35.5	-62	30	9.0	✓
225	-62°	<del>2888</del> 2882	12	<del>35.1</del> 35.1	-62	<del>18</del> 17	<del>7.0</del> 7.0	✓ -62° 2888 and many other stars in group but these are the brightest. <i>super.</i>
226	-62°	2853	12	31.2	-62	14	9.2	✓
227	-62°	2845	12	30.3	-62	27	9.3	✓
228	-61°	3305	12	28.8	-61	48	9.6	✓
229	-61°	3286	12	27.4	-61	59	9.4	✓
230	-62°	2821	12	26.7	-62	27	9.2	✓
231	-62°	2818	12	26.3	-62	21	9.1	✓
		<del>2810</del>	<del>12</del>	<del>25.6</del>	<del>-62</del>	<del>2</del>	<del>9.2</del>	
232	-62°	<del>2816</del>	<del>12</del>	<del>26.2</del>	<del>-62</del>	<del>2</del>	<del>9.2</del>	
233	-61°	3261	12	25.2	-61	48	9.0	✓
234	-61°	3249	12	24.2	-61	59	9.1	✓
235	-62°	2798	12	24.0	-62	4	9.2	✓
236	-62°	2789	12	22.6	-62	35	9.7	✓
237	-62°	2760	12	20.6	-62	53	9.0	✓
238	-63°	2292	12	20.8	-63	12	8.8	✓
239	-62°	3090	<sup>3</sup> 12	6.1	-62	43	7.8	✓
240	-62°	3073	<sup>3</sup> 12	5.6	-62	26	8.4	✓
241	-61°	3516	<sup>3</sup> 12	6.0	-61	59	8.1	✓
242	-62°	3081	<sup>3</sup> 12	5.8	-62	9	8.8	✓ -62° 3080 <i>sup.</i> 9.0
243	-61°	3505	<sup>3</sup> 12	5.2	-61	52	8.8	✓

Monday, February 16, 1914

B21746 short

No.	Int.	Class	Remark
✓ 244	3	F8	
✓ 245	4	G <sub>0</sub>	
✓ 246	5	B <sub>9</sub>	Another star sup. at north
✓ 247	10	A <sub>5</sub>	
✓ 248	4	A <sub>0</sub>	
✓ 249	3	B <sub>8</sub>	
✓ 250	10	F <sub>0</sub>	
✓ 251	2	A <sub>0</sub>	
✓ 252	5	A <sub>2</sub>	
✓ 253	3	B <sub>9</sub>	
✓ 254	1	B <sub>0</sub>	
✓ 255	7	B <sub>8</sub>	Another star sup. north following. Probably class B.
✓ 256	2	B <sub>3</sub>	
✓ 257	2	A <sub>0</sub>	
✓ 258	3	B <sub>9</sub>	
✓ 259	6	F <sub>0</sub>	
✓ 260	8	F <sub>2</sub>	
✓ 261	2	B <sub>8</sub>	
✓ 262	4	A <sub>5</sub>	
✓ 263	4	B <sub>0</sub>	
✓ 264	2	B <sub>8</sub>	
✓ 265	3	F <sub>0</sub>	
✓ 266	3	B <sub>9</sub>	
✓ 267	3	F <sub>5</sub>	
✓ 268	2	A <sub>2</sub>	
✓ 269	4	B <sub>0</sub>	
✓ 270	5	A <sub>0</sub>	



244	-61°	3501	12 <sup>3</sup>	4.7	-61	22	9.0	✓
245	-61°	3506	12 <sup>3</sup>	5.2	-61	14	8.9	✓
246	-62°	3511	13	5.7	-62	56	9.3	✓
		<del>3010</del>	<del>12</del>	<del>59.2</del>				
247	-60°	4520	13	4.9	-60	53	8.1	✓
248	-60°	4517	13	4.8	-60	48	8.6	✓
249	-60°	4512	13	4.4	-60	24	8.7	✓
250	-60°	4508	13	4.1	-60	27	8.1	✓
								-60° 4507 sup. 9.2
251	-60°	4494	13	3.2	-60	18	8.7	✓
252	-60°	4487	13	2.7	-60	11	8.6	✓
253	-60°	4465	13	0.8	-60	16	8.8	✓
254	-60°	4466	13	0.9	-60	31	8.8	✓
255	-60°	4461	13	0.6	-60	34	8.6	✓
								-60° 4463 sup. 8.8
256	-60°	4485	13	2.5	-60	48	8.9	✓
257	-60°	4493	13	3.2	-60	43	9.0	✓
258	-60°	4509	13	4.2	-60	56	9.0	✓
259	-61°	3483	13	2.6	-61	10	8.8	✓
260	-61°	3487	13	3.1	-61	25	8.8	✓
261	-61°	3496	13	3.9	-61	38	8.9	✓
262	-62°	3053	13	4.3	-62	3	9.0	✓
263	-62°	3048	13	4.0	-62	9	8.6	✓
264	-62°	3042	13	3.7	-62	12	9.0	✓
265	-62°	3033	13	2.4	-62	1	9.2	✓
266	-62°	3035	13	2.8	-62	22	9.0	✓
267	-62°	<del>3035</del>	13	<del>2.30</del>	-62	<del>2033</del>	<del>8.8</del>	✓
				1.7		12	9.0	
268	-62°	3029	13	1.9	-62	19	9.0	✓
269	-62°	3028	13	1.7	-62	12	8.8	✓
270	-62°	3022	13	0.8	-62	33	9.0	✓

Monday, February 16, 1914

B21746 short

No.	Int.	Class	Remark
✓ 271	2	A <sub>0</sub>	
✓ 272	2	B <sub>0</sub>	
✓ 273	2	A <sub>0</sub>	
✓ 274	4	B <sub>5</sub>	
✓ 275	6	B <sub>9</sub>	
✓ 276	4	B <sub>0</sub>	
✓ 277	5	B <sub>2</sub>	line K strong for this class
✓ 278	3	K <sub>0</sub>	
✓ 279	2	Int	
✓ 280	2	A <sub>0</sub>	
✓ 281	3	A <sub>2</sub>	
✓ 282	1	A <sub>2</sub>	
✓ 283	2	K <sub>0</sub>	
✓ 284	1	K <sub>0</sub>	
✓ 285	2	B <sub>5</sub>	
✓ 286	3	B <sub>2</sub>	
✓ 287	2	A <sub>0</sub>	
✓ 288	8	F <sub>8</sub>	
✓ 289	5	B <sub>8</sub>	
✓ 290	8	B <sub>0</sub>	
✓ 291	1	A <sub>0</sub>	
✓ 292	4	A <sub>0</sub>	
✓ 293	7	B <sub>5</sub>	
✓ 294	5	A <sub>2</sub>	
✓ 295	4	F <sub>5</sub>	
✓ 296	1	K <sub>0</sub>	
✓ 297	1	A <sub>2</sub>	



271	-62°	3023	12 <sup>3</sup>	1.0	-62	40	9.2	✓
272	-62°	3007	12	59.2	-62	19	9.2	✓
273	-62°	2997	12	57.8	-62	42	9.2	✓
274	-62°	2993	12	57.0	-62	49	8.9	✓
275	-63°	2506	12	56.0	-63	1	8.8	✓
276	-63°	2519	12	57.5	-63	23	8.8	✓
277	-63°	2527	12	58.1	-63	34	8.6	✓
278	-63°	2517	12	57.2	-63	34	9.1	✓
279	-63°	2507	12	56.0	-63	26	9.3	✓
280	-63°	2505	12	55.7	-63	18	9.2	✓
281	-63°	2503	12	55.4	-63	27	9.2	✓
282	-63°	2497	12	55.1	-63	24	9.5	✓
283	-62°	2984	12	55.2	-62	48	9.2	✓
284	-62°	2986	12	55.2	-62	30	9.8	✓
285	-63°	2476	12	52.6	-63	33	9.2	✓
286	-63°	2474	12	52.3	-63	37	8.8	✓
287	-63°	2468	12	51.7	-63	30	9.2	✓
288	-63°	2472	12	52.0	-63	42	8.1	✓
289	-63°	2462	12	50.7	-63	44	8.9	✓
290	-63°	2454	12	48.9	-63	41	8.0	✓
291	-63°	2450	12	<del>48.0</del> <sup>47.9</sup>	-63	41	9.2	✓
292	-64°	2053	12	45.6	-64	7	8.6	✓
293	-64°	2050	12	45.2	-64	8	8.2	✓
294	-63°	2433	12	44.3	-63 <sup>4</sup>	0	8.6	✓
295	-64°	2038	12	43.6	-64	14	8.8	✓
296	-63°	2435	12	44.5	-63	5	9.4	✓
297	-63°	2446	12	46.2	-63	4	9.4	✓

Monday, February 16, 1914

B 21746 short

	ho.	Int.	Class	Remark
	✓ 298	1	B <sub>9</sub>	
	✓ 299	1	G <sub>5</sub>	
10.52	✓ 300	1	A <sub>2</sub>	
<u>Tues. Feb 17, 14</u>	✓ 301	6	A <sub>0</sub>	
10.15	✓ 302	5	A <sub>0</sub>	
	✓ 303	3	A <sub>0</sub>	
	✓ 304	3	B <sub>9</sub>	
	✓ 305	3	A <sub>0</sub>	
	✓ 306	4	F <sub>5</sub>	
	✓ 307	6	B <sub>9</sub>	
	✓ 308	2	A <sub>0</sub>	
	✓ 309	4	K <sub>5</sub>	
	✓ 310	3	B <sub>9</sub>	
	✓ 311	2	K <sub>0</sub>	
	✓ 312	4	G <sub>5</sub>	
	✓ 313	4	K <sub>5</sub>	
	✓ 314	2	K <sub>5</sub>	
	✓ 315	4	B <sub>9</sub>	
	✓ 316	4	B <sub>8</sub>	
	✓ 317	3	B <sub>9</sub>	
	✓ 318	6	B <sub>8</sub>	
	✓ 319	2	K <sub>5</sub>	
	✓ 320	4	A <sub>0</sub>	
10.20	✓ 321	5	B <sub>2</sub>	
10.25	✓ 322	5	A <sub>5</sub>	
	✓ 323	1	K <sub>0</sub>	
	✓ 324	2	K <sub>5</sub>	



298	-63°	2443	12	45.8	-63	5	9.3	✓
299	-63°	2445	12	45.9	-63	26	9.4	✓
300	-63°	2424	12	42.8	-63	30	9.2	✓
301	-64°	1992	12	37.5	-64	38	8.6	✓
302	-64°	1994	12	37.9	-64	46	8.7	✓
303	-64°	2007	12	39.7	-64	48	9.0	✓
304	-64°	2010	12	40.2	-64	57	9.1	✓
305	-65°	2036	12	43.1	-65	6	9.0	✓
306	-65°	2045	12	44.1	-65	10	9.0	✓
307	-65°	2041	12	43.9	-65	17	8.5	✓
308	-65°	2047	12	44.3	-65	21	9.2	✓
309	-65°	2049	12	44.7	-65	40	9.0	✓
310	-65°	2030	12	42.6	-65	25	8.8	✓
311	-64°	2056	12	45.7	-64 <sup>5</sup>	0	9.0	✓
312	-65°	2069	12	47.2	-65	9	9.0	✓
313	-65°	2071	12	47.3	-65	21	9.0	✓
314	-65°	2073	12	47.4	-65	42	9.2	✓
315	-65°	2100	12	51.4	-65	28	9.0	✓
316	-64°	2098	12	51.8	-64	57	8.9	✓
317	-64°	2093	12	50.8	-64	33	9.0	✓
318	-65°	2082	12	48.6	-65	0	8.7	✓
319	-64°	2101	12	52.3	-64	24	9.3	✓
320	-63°	2475	12	52.5	-63	57	8.8	✓
321	-63°	2485	12	54.1	-63	57	8.6	✓
322	-64°	2124	12	55.2	-64	7	8.6	✓
323	-64°	2133	12	55.8	-64	13	9.2	✓
324	-64°	2138	12	56.5	-64	7	9.1	✓

Tuesday, February 17, 1914

B 21746 short

No.	Int.	Class	Remark
✓ 325	10+	A <sub>0</sub>	
✓ 326	3	mb	
✓ 327	4	A <sub>3</sub>	
✓ 328	4	B <sub>9</sub>	
✓ 329	6	B <sub>2</sub>	Another star up on preceding side.
✓ 330	6	B <sub>5</sub>	
✓ 331	4	A <sub>3</sub>	
✓ 332	5	A <sub>2</sub>	
✓ 333	2	A <sub>2</sub>	
✓ 334	5	B <sub>5</sub>	
✓ 335	5	B <sub>8</sub>	
✓ 336	2	A <sub>0</sub>	
✓ 337	2	B <sub>9</sub>	
✓ 338	4	A <sub>0</sub>	
✓ 339	6	B <sub>9</sub>	
✓ 340	8	B <sub>8</sub>	
✓ 341	4	A <sub>3</sub>	
✓ 342	5	B <sub>8</sub>	
✓ 343	1	A <sub>0</sub>	
✓ 344	2	A <sub>0</sub>	
✓ 345	4	A <sub>3</sub>	
✓ 346	3	A <sub>2</sub>	Another star up at north
✓ 347	3	A <sub>0</sub>	
✓ 348	1	A <sub>2</sub>	
✓ 349	2	A <sub>0</sub>	
✓ 350	7	B <sub>9</sub>	
✓ 351	9	B	Other stars up.



325	-63°	2515	12	57.1	-63	46	7.2	✓	
326	-63°	2528	12	58.2	-63	52	9.2	✓	
327	-63°	2535	12	58.7	-63	53	8.8	✓	
328	-64°	2162	12	58.7	-64	18	8.8	✓	
329	-64°	2160	12	58.5	-64	25	8.0	✓	-64° 2155 sup. 8.9
330	-64°	2163	12	58.8	-64	32	7.8	✓	
331	-64°	2186	12 <sup>3</sup>	0.2	-64	52	8.9	✓	
332	-64°	2151	12	58.0	-64	57	8.6	✓	
333	-65°	2139	12	56.4	-65	3	9.2	✓	
334	-65°	2141	12	56.5	-65	15	8.7	✓	
335	-65°	2140	12	56.4	-65	33	8.8	✓	
336	-65°	2174	13	0.9	-65	20	9.1	✓	
337	-65°	2173	12 <sup>3</sup>	0.8	-65	31	9.2	✓	
338	-65°	2187	13	2.5	-65	1	9.0	✓	
339	-63°	2592	13	3.1	-63	40	8.8	✓	
340	-63°	2585	13	2.7	-63	52	8.3	✓	
341	-63°	2577	13	2.0	-63	54	9.0	✓	
342	-64°	2196	13	0.7	-64	7	8.9	✓	
343	-63°	2563	13	0.6	-63	25	9.3	✓	
344	-63°	2556	13	0.4	-63	25	9.2	✓	
345	-63°	2543	12	59.8	-63	20	9.0	✓	
346	-62°	3010	12	59.2	-62	56	9.3	✓	-62° 3008 sup. 9.5
347	-63°	2540	12	59.4	-63	6	9.2	✓	
348	-62°	3020	12 <sup>3</sup>	0.6	-62	50	9.3	✓	
349	-62°	3037	13	2.8	-62	55	9.3	✓	
350	-62°	3064	13	5.1	-62	57	8.5	✓	
351	-62°	3079	13	5.7	-62	55	8.0	✓	-62° 3083 sup. 9.0

Tuesday, February 17, 1914

B 21746 short

	No.	Int.	Class	Remark
10.34	✓ 352	9.	Qo	
12.05	✓ 353	2.	B8	
	✓ 354	3	B9	
	✓ 355	2	K2	[The prec. of (no.)]
	✓ 356	2	K5	
	✓ 357	2.	G0	
	✓ 358	1	K0	
	✓ 359	1	B8	
12.07	✓ 360	2.	K5	

361

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352	$-63^{\circ}$	2636	12 <sup>3</sup>	5.7	$-63$	39	8.0 ✓
353	$-63^{\circ}$	2336	12	25.6	$-63$	32	9.1 ✓
354	$-63^{\circ}$	2344	12	26.8	$-63$	41	9.1 ✓
355	$-63^{\circ}$	2348	12	27.7	$-63$	51	9.2 ✓ $-63^{\circ} 2351 \text{ sup. } 9.2$
356	$-63^{\circ}$	2365	12	29.4	$-63$	52	9.3 ✓
357	$-63^{\circ}$	2368	12	29.5	$-63$	17	9.3 ✓
358	$-62^{\circ}$	2817	12	26.2	$-62$	49	9.5 ✓
359	$-62^{\circ}$	2813	12	25.8	$-62$	42	9.4 ✓
360	$-64^{\circ}$	1987	12	35.7	$-64$	59	9.1 ✓

Identified on cards by Amc. Sept. 29, 1914

Identified in book by J.C.M. Oct. 2, 1914.

Identification compared by G.R.B. Oct. 20, 1914













11.05

Monday, February 16, 1914

38243 long

G.F.M. Rec.	No	Int.	Class	Remark
✓	1	1	F <sub>5</sub>	
✓	2	1	G <sub>5</sub>	
✓	3	1	F <sub>8</sub>	
✓	4	8	A <sub>2</sub>	
✓	5	6	A <sub>2</sub>	
✓	6	1	K <sub>0</sub>	
✓	7	2	K <sub>0</sub>	
✓	8	1	K <sub>0</sub>	
✓	9	2	K <sub>0</sub>	
✓	10	4	F <sub>8</sub>	
✓	11	4.	K <sub>0</sub>	
✓	12	4	F <sub>5</sub>	
✓	13	1	K <sub>0</sub>	
✓	14	2	G <sub>5</sub>	
✓	15	3	K <sub>0</sub>	
✓	16	6	F <sub>0</sub>	
✓	17	2	G <sub>5</sub>	
✓	18	2	K <sub>0</sub>	
✓	19	6	F <sub>5</sub>	
✓	20	<del>4</del> <sup>5</sup>	G <sub>0</sub>	
✓	21	1	G <sub>5</sub>	
✓	22	1	K <sub>0</sub>	
✓	23	2	F <sub>2</sub>	
✓	24	4	F <sub>8</sub>	
✓	25	1	K <sub>0</sub>	
✓	26	4	G <sub>0</sub>	
✓	27	4	K <sub>2</sub>	



1	+30°	2324	12	38.9	+30	24.0	8.3	✓
2	+31°	2401	12	36.3	+31	35.8	8.9	✓
3	+31°	2398	12	34.6	+31	10.2	9.0	✓
4	+31°	2397	12	34.0	+31	13.8	6.8	✓
5	+31°	2396	12	33.5	+31	10.6	7.2	✓
6	+31°	2390	12	32.1	+31	22.7	8.3	✓
7	+30°	2310	12	32.1	+30	2.9	8.0	✓
8	+29°	2308	12	31.4	+29	23.3	8.5	✓
9	+29°	2307	12	30.5	+29	25.6	8.1	✓
10	+29°	2303	12	28.3	+29	38.0	7.6	✓
11	+29°	2301	12	27.7	+29	53.1	7.8	✓
12	+30°	2296	12	27.8	+30	59.6	8.0	✓
13	+30°	2299	12	28.8	+30	43.8	8.3	✓
14	+30°	2302	12	29.6	+30	29.4	8.5	✓
15	+30°	2291	12	26.3	+30	50.7	8.2	✓
16	+30°	2287	12	24.6	+30	7.0	7.3	✓
17	+30°	2281	12	22.3	+30	19.3	8.5	+30° 22.79 <sup>80</sup> super. 8.5
18	+29°	2292	12	21.7	+29	41.4	8.5	✓
19	+32°	2252	12	23.8	+32	13.5	7.4	✓
20	+32°	2250	12	21.9	+32	11.1	7.9	✓
21	+31°	2371	12	22.4	+31	26.1	8.9	✓
22	+31°	2373	12	23.1	+31	47.6	8.7	✓
23	+32°	2255	12	26.2	+32	50.5	8.4	✓
24	+32°	2256	12	27.0	+32	48.9	8.2	✓
25	+33°	2248	12	27.0	+33	0.1	8.6	✓
26	+32°	2258	12	28.8	+32	31.8	7.7	✓
27	+32°	2259	12	28.9	+32	47.6	7.4	✓

Monday February 16, 1914

I 38243 long

No.	Int.	Class	Remark
✓ 28	3	Q <sub>0</sub>	
✓ 29	3	F <sub>0</sub>	
✓ 30	3	Q <sub>0</sub>	
✓ 31	2	G <sub>0</sub>	
✓ 32	1	K <sub>0</sub>	
✓ 33	3	G <sub>0</sub>	
✓ 34	1	G <sub>0</sub>	
✓ 35	3	K <sub>0</sub>	
✓ 36	2	Q <sub>2</sub>	
✓ 37	5	K <sub>2</sub>	
✓ 38	2	K <sub>0</sub>	
✓ 39	7	K <sub>0</sub>	
✓ 40	3	F <sub>8</sub>	
✓ 41	1	G <sub>0</sub>	
✓ 42	1	K <sub>0</sub>	
✓ 43	2	G <sub>0</sub>	
✓ 44	1	K <sub>0</sub>	
✓ 45	2	G <sub>0</sub>	
✓ 46	1	K <sub>0</sub>	
✓ 47	3	K <sub>0</sub>	
✓ 48	1	K <sub>0</sub>	
✓ 49	2	F <sub>0</sub>	
✓ 50	8	Q <sub>3</sub>	
✓ 51	5	Q <sub>0</sub>	
✓ 52	1	K <sub>2</sub>	
✓ 53	3	K <sub>2</sub>	
✓ 54	2	K <sub>0</sub>	



28	+32°	2260	12	29.3	+32	59.6	8.2	✓
29	+33°	2258	12	30.7	+33	20.0	8.3	✓
30	+33°	2257	12	29.9	+33	49.5	8.3	✓
31	+33°	2251	12	28.2	+33	50.7	8.8	✓
32	+34°	2336	12	28.6	+34	51.2	8.7	✓
33	+34°	2337	12	29.2	+34	43.9	8.5	✓
34	+35°	2356	12	30.3	+35	0.8	9.0	✓
35	+35°	2359	12	31.7	+35	22.3	7.7	✓
36	+35°	2362	12	32.3	+35	0.6	8.7	✓
37	+34°	2341	12	33.1	+34	57.2	7.0	✓
38	+34°	2342	12	33.8	+34	54.7	8.1	✓
39	+34°	2344	12	35.3	+34	29.2	7.0	✓
40	+34°	2346	12	35.6	+34	37.4	8.6	✓
41	+34°	2345	12	35.5	+34	24.0	9.0	✓
42	+34°	2347	12	35.6	+34	14.4	8.8	✓
43	+33°	2261	12	35.0	+33	39.9	8.1	✓
44	+32°	2262	12	31.1	+32	43.8	9.0	✓
45	+32°	2263	12	31.3	+32	54.1	8.9	✓
46	+33°	2264	12	36.9	+33	42.7	9.0	✓
47	+35°	2369	12	37.0	+35	8.4	8.5	✓
48	+35°	2370	12	37.4	+35	12.9	8.7	✓
49	+36°	2304	12	36.6	+36	7.0	8.9	✓
50	+36°	2305	12	37.2	+36	34.5	6.7	✓
51	+36°	2306	12	37.8	+36	26.6	8.0	✓
52	+37°	2316	12	37.3	+37	16.6	8.3	✓
53	+37°	2326	12	41.5	+37	7.9	7.8	✓
54	+36°	2311	12	43.4	+36	29.7	7.8	✓

Monday, February 16, 1914

B I 38243 long

No.	Int.	Class	Remark
✓ 55	4	K <sub>0</sub>	
✓ 56	2	G <sub>0</sub>	
✓ 57	2	K <sub>0</sub>	
✓ 58	4	K <sub>0</sub>	
✓ 59	3	G <sub>0</sub>	
✓ 60	1	K <sub>0</sub>	
✓ 61	2	G <sub>0</sub>	
✓ 62	4	F <sub>8</sub>	
✓ 63	7	F <sub>5</sub>	
✓ 64	4	F <sub>2</sub>	Another star up. at south.
✓ 65	3	F <sub>8</sub>	
✓ 66	9	A <sub>2</sub>	Line 4128, 31 strong
✓ 67	5	F <sub>5</sub>	
✓ 68	2	G <sub>0</sub>	
✓ 69	1	F <sub>5</sub>	
✓ 70	1	G <sub>0</sub>	Σ.
✓ 71	1	G <sub>0</sub>	Σ.
✓ 72	2	K <sub>0</sub>	
✓ 73	2	K <sub>0</sub>	
✓ 74	1	K <sub>0</sub>	
✓ 75	4	F <sub>2</sub>	
✓ 76	7	F <sub>0</sub>	
✓ 77	9	K <sub>0</sub>	
✓ 78	7	K <sub>0</sub>	
✓ 79	3	G <sub>0</sub>	
✓ 80	1	K <sub>0</sub>	
✓ 81	1	G <sub>0</sub>	



55	+36°	2309	12	42.3	+36	4.6	7.7	✓
56	+35°	2375	12	41.9	+35	57.8	8.7	✓
57	+35°	2376	12	41.9	+35	22.8	8.6	✓
58	+36°	2314	12	46.8	+36	31.2	7.5	✓
59	+36°	2279	12	25.5	+36	35.5	8.3	✓
60	+36°	2276	12	24.0	+36	36.7	8.1	✓
61	+37°	2293	12	27.6	+37	6.5	8.2	✓
62	+37°	2297	12	27.9	+37	7.3	7.6	✓
63	+37°	2298	12	28.1	+37	13.5	7.0	✓
64	+37°	2299	12	28.2	+37	8.4	7.9	✓
65	+37°	2300	12	28.9	+37	3.6	8.2	✓
66	+36°	2295	12	32.2	+36	46.1	6.0	✓
67	+35°	2363	12	32.7	+35	52.9	7.5	✓
68	+35°	2366	12	34.8	+35	50.4	8.8	✓
69	+37°	2324	12	39.7	+37	37.9	8.5	✓
70	+37°	2328	12	41.9	+37	37.5	8.5	✓
71	+37°	2334	12	47.2	+37	46.5	8.0	✓
72	+33°	2238	12	20.6	+33	16.6	8.8	✓
73	+32°	2244	12	18.1	+32	41.7	8.9	✓
74	+34°	2317	12	22.4	+34	21.9	9.0	✓
75	+34°	2319	12	23.5	+34	33.2	8.4	✓
76	+33°	2244	12	24.4	+33	49.5	7.3	✓
77	+34°	2332	12	26.5	+34	2.8	5.4	✓
78	+34°	2333	12	26.7	+34	11.5	6.6	✓
79	+34°	2331	12	26.3	+34	57.9	8.3	✓
80	+34°	2322	12	24.5	+34	44.1	8.8	✓
81	+34°	2318	12	23.3	+34	54.0	9.1	✓

Monday, February 16, 1914

I 38243 long

No.	Int.	Class	Remark
✓ 82	2	G <sub>5</sub>	

11.19

83 2

K<sub>0</sub> E.

84

85

86

84 3

G<sub>0</sub>

85 2

K<sub>2</sub>

86 2

G<sub>0</sub>

87 2

K<sub>0</sub>

88 1

K<sub>5</sub>

89 2

K<sub>0</sub>

90 6

F<sub>8</sub>

91 3

F<sub>8</sub>



82	+35°	2346	12	23.4	+35	18.9	8.3	✓
83	+37°	2276	12	19.3	+37	54.4	7.8	✓

Identified on Cards by AMC Feb. 27. 1914

Identified in book by J.B.M. March 7. 1914

Identification compared, cards + book G.R.B.

84	+36°	2270	12	22.1	+36	19	7.9	84 on J37727
85	+36°	2269	12	20.8	+36	10	8.9	83 " "
86	+32°	2241	12	17.3	+32	5	8.6	66 " "
87	+30°	2273	12	20.8	+30	37	8.4	✓
88	+30°	2279	12	21.3	+30	24	7.9	✓

No. 87 + 88 ident. on cards by MK J Feb. 1, 1917.

✓ 89 +35 2342  
 ✓ 90 +35 2343  
 ✓ 91 +30 2322

80 on J37727

81 " "

39 on J37575

11.21

Monday, February 16, 1914

I 38286 long

G.F.M. Rec.	No.	Int.	Class	Remarks
✓	1	8	Q <sub>2</sub>	
✓	2	1	K <sub>0</sub>	
✓	3	1	G <sub>0</sub>	
✓	4	10+	B <sub>9</sub>	
✓	5	3	B <sub>9</sub>	Perhaps trail of 4.
✓	6	2	A <sub>0</sub>	
✓	7	4	K <sub>0</sub>	
✓	8	3	F <sub>5</sub>	
✓	9	3	F <sub>0</sub>	
✓	10	2	F <sub>8</sub>	
✓	11	1	K <sub>0</sub>	
✓	12	1	K <sub>0</sub>	
✓	13	3 <sup>3</sup>	Q <sub>2</sub>	
✓	14	3	F <sub>5</sub>	
✓	15	2	K <sub>0</sub>	
✓	16	2	F <sub>5</sub>	
✓	17	7	A <sub>0</sub>	
✓	18	9	F <sub>5</sub>	
✓	19	5	Q <sub>2</sub>	
✓	20	2	K <sub>0</sub>	
✓	21	1	K <sub>0</sub>	
11.26	✓ 22	2	K <sub>0</sub>	Another star sup. at south.
	23			
	24			

23 9

F<sub>8</sub>

24 8

A<sub>0</sub>

4128, 31 the strongest except by day - 4077 well marked



1	+38	2373	12	433	+38	19.3	6.0	✓
2	+39	2568	12	428	+39	9.5	7.5	✓
3	+38	2377	12	467	+38	46.1	8.3	✓
4	+39	2580	12	492	+39	6.1	6.0	✓
5	+39	2580	12	492	+39	6.1	3.0	Trail of 4
6	+40	2596	12	494	+40	31.8	8.3	✓
7	+40	2598	12	522	+40	37.4	6.8	✓
8	+41	2345	12	530	+41	15.5	7.5	✓
9	+41	2337	12	451	+41	2.1	8.0	✓
10	+42	2341	12	420	+42	21.7	7.5	✓
11	<sup>42</sup> +37	<sup>2340</sup> <del>2276</del>	12	<sup>41.5</sup> 19.3	<sup>42</sup> +37	<sup>46.5</sup> <del>51.1</del>	<sup>7.5</sup> 7.8	✓
12	+42	2342	12	421	+42	51.8	7.9	✓
13	+42	2343	12	427	+42	52.0	7.8	✓
14	+43	2263	12	433	+43	1.0	8.0	✓
15	+43	2265	12	446	+43	15.1	7.5	✓
16	+43	2267	12	453	+43	26.5	8.2	✓
17	+44	2234	12	500	+44	21.0	6.5	✓
18	+44	2221	12	37.6	+44	53.9	6.1	✓
19	+38	2394	12	546	+38	49.4	7.8	✓
20	+39	2586	12	517	+39	38	8.5	7PM. 2587 Mag 9.0 Super.
21	+40	2578	12	480	+40	38.3	7.7	✓
22	+39	2558	12	387	+39	9.5	7.8	7PM. +38 2366 Mag 8.1 Super.

Ident. on Cards by Amc. Jan. 7, 1915

Ident in Book by E. F. G. Jan 7, 1915

Identification compared by G. R. B. Jan. 7, 1915

✓	23	+40	2570	12	38.1	+40	4	6.1	87 on 38334
✓	24	+36	2295	12	32.2	+36	46	6.0	66 " 38243

10.35

Tuesday, February 17, 1914

B 40252 short.

9. H. M. Rec.	No	Int.	Class	Remark
✓ 1	2		K <sub>0</sub>	
✓ 2	1		G <sub>0</sub>	
✓ 3	1		K <sub>0</sub>	
✓ 4	1		K <sub>2</sub>	
✓ 5	3		K <sub>0</sub>	
✓ 6	1		A	Another star partly sup.
✓ 7	2		K <sub>0</sub>	
✓ 8	1		K <sub>0</sub>	
✓ 9	1		K <sub>0</sub>	
✓ 10	1		G <sub>0</sub>	
✓ 11	4		B <sub>9</sub>	
✓ 12	1		F <sub>0</sub>	
✓ 13	1		G <sub>5</sub>	
✓ 14	4		F <sub>2</sub>	Another star sup at south
✓ 15	2		A <sub>0</sub>	
✓ 16	1		F <sub>ma</sub>	
✓ 17	1		K <sub>0</sub>	
✓ 18	2		K <sub>0</sub>	
✓ 19	1		A <sub>0</sub>	
✓ 20	1		G <sub>5</sub>	
✓ 21	4		K <sub>0</sub>	
✓ 22	1		K <sub>0</sub>	
✓ 23	1		K <sub>0</sub>	
✓ 24	1		G <sub>5</sub>	
✓ 25	2		K <sub>2</sub>	
✓ 26	1		F <sub>0</sub>	
✓ 27	1		F <sub>0</sub>	



1	-78° 927	14	43.2	-78	33	8.9	✓
2	-78° 930	14	<sup>44.4</sup> <del>43.5</del>	-78	<sup>20</sup> <del>24</del>	<sup>9.1</sup> <del>9.4</del>	✓
3	-78° 930	14	43.5	-78	24	9.4	✓
4	-78° 948	14	52.7	-78	1	9.3	✓
5	-78° 956	14	56.0	-78	32	8.8	✓
6	-78° 961	14	57.1	-78	32	9.1	✓
7	-78° 964	14	57.8	-78	58	8.9	✓
8	-79° 812	14	58.5	-79	2	9.1	✓
9	-79° 793	14	47.6	-79	31	9.1	✓
10	-79° 796	14	51.7	-79	23	9.1	✓
11	-79° 797	14	52.9	-79	53	8.7	✓
12	-79° 802	14	55.0	-79	48	9.1	✓
13	-80° 757	14	59.5	-80	2	9.2	✓
14	-79° 816	<sup>15</sup> <del>14</del>	1.7	-79	50	8.7	✓
15	-80° 754	14	54.8	-80	46	9.2	✓
16	-80° 758	14	59.7	-80	46	9.4	✓
17	-80° 762	<sup>15</sup> <del>14</del>	4.2	-80	47	9.3	✓
18	-80° 764	15	9.2	-80	33	9.1	✓
19	-80° 768	15	18.6	-80	5	9.2	✓
20	-79° 838	15	12.1	-79	43	9.1	✓
21	-79° 844	15	17.0	-79	46	8.7	✓
22	-79° 841	15	15.9	-79	19	9.1	✓
23	-79° 852	15	20.7	-79	33	9.2	✓
24	-79° 855	15	23.7	-79	17	9.0	✓
25	-79° 859	15	27.0	-79	19	8.9	✓
26	-79° 853	15	20.9	-79	50	9.1	✓
27	-79° 856	15	24.9	-79	56	9.3	✓

-78° 962 14 57.4 -78 28 9.4 *super.*-79° 815 15 1.6 -79 57 9.3 *super.*

Tuesday, February 17, 1914

B 40252 short

No	Int.	Class	Remarks
✓ 28	2	G <sub>5</sub>	
✓ 29	3	K <sub>0</sub>	
✓ 30	3	F <sub>5</sub>	
✓ 31	1	A <sub>0</sub>	
✓ 32	3	A <sub>2</sub>	
✓ 33	1	A <sub>0</sub>	
✓ 34	4	F <sub>8</sub>	
✓ 35	7	A <sub>2</sub>	
✓ 36	4	A <sub>0</sub>	
✓ 37	3	K <sub>2</sub>	
✓ 38	7	B <sub>9</sub>	
✓ 39	6	K <sub>0</sub>	
✓ 40	3	F <sub>5</sub>	
✓ 41	9	F <sub>5</sub>	
✓ 42	3	A <sub>0</sub>	
✓ 43	2	A <sub>0</sub>	
✓ 44	6	G <sub>5</sub>	
✓ 45	1	A <sub>2</sub>	
✓ 46	3	K <sub>2</sub>	
✓ 47	1	G <sub>0</sub>	
✓ 48	1	F <sub>8</sub>	
✓ 49	1	K <sub>5</sub>	
✓ 50	1	G	
✓ 51	4	A <sub>2</sub>	
✓ 52	3	F <sub>5</sub>	
✓ 53	7	K <sub>0</sub>	
✓ 54	1	A <sub>0</sub>	



28	-80° 779	15	26.9	-80	8	9.0	✓
29	-80° 783	15	34.4	-80	8	9.0	✓
30	-78° 1031	15	26.1	-78	18	8.8	✓
31	-78° 1037	15	27.0	-78	19	9.7	✓
32	-77° 1138	15	24.0	-77	44	8.4	✓
33	-77° 1151	15	30.3	-77	34	9.1	✓
34	-77° 1149	15	30.0	-77	2	8.6	✓
35	-77° 1153	15	31.0	-77	4	7.8	✓
36	-76° 1095	15	30.4	-76	38	8.4	✓
37	-76° 1102	15	32.9	-76	48	8.2	✓
38	-77° 1168	15	36.6	-77	46	7.7	✓
39	-77° 1170	15	38.5	-77	21	8.0	✓
40	-77° 1176	15	40.5	-77	26	8.3	✓
41	-77° 1181	15	42.6	-77	39	7.2	✓
42	-77° 1175	15	39.5	-77	46	8.3	✓
43	-78° 1053	15	34.2	-78	19	7.9	✓
44	-78° 1070	15	43.6	-78	20	8.2	✓
45	-78° 1082	15	47.7	-78	22	8.8	✓
46	-78° 1087	15	51.3	-78	41	8.8	✓
47	-78° 1080	15	47.6	-78	54	9.0	✓
48	-76° 955	14	52.1	-76	47	8.9	✓
49	-76° 972	14	55.4	-76	50	9.0	✓
50	-76° 981	14	58.0	-76	43	9.2	✓
51	-76° 982	14	58.2	-76	36	8.8	✓
52	-76° 988	14	59.2	-76	59	8.9	✓
53	-76° 994	15	1.1	-76	53	8.1	✓
54	-77° 1066	14	59.0	-77	14	8.9	✓

Tuesday, February 17, 1914

B 40252 short

No.	Int.	Class	Remarks
✓ 55	4	B <sub>9</sub>	
✓ 56	3	A <sub>0</sub>	
✓ 57	2	A <sub>0</sub>	Partly suff. on 56
✓ 58	1	A <sub>0</sub>	
✓ 59	4	A <sub>2</sub>	
✓ 60	4	F <sub>0</sub>	
✓ 61	4	G <sub>0</sub>	
✓ 62	1	A	
✓ 63	2	A <sub>0</sub>	
✓ 64	2	K <sub>0</sub>	
✓ 65	2	F <sub>8</sub>	
✓ 66	1	K <sub>2</sub>	
✓ 67	1	A <sub>2</sub>	
✓ 68	2	G <sub>0</sub>	
✓ 69	5	A <sub>2</sub>	
✓ 70	4	A <sub>0</sub>	
✓ 71	4	B <sub>9</sub>	
✓ 72	4	G <sub>0</sub>	
✓ 73	3	K <sub>2</sub>	
✓ 74	2	G <sub>0</sub>	
✓ 75	5	F <sub>0</sub>	
✓ 76	4	A <sub>0</sub>	
✓ 77	1	K <sub>0</sub>	
✓ 78	2	K <sub>0</sub>	
✓ 79	3	A <sub>0</sub>	
✓ 80	1	F <sub>8</sub>	
✓ 81	10+	A	



55	-77° 1071	14	59.9	-77	13	8.4	✓
56	-77° 1076	15	2.2	-77	24	8.6	✓
57	-77° 1078	15	2.4	-77	21	8.7	✓
58	-77° 1085	15	4.3	-77	20	8.8	✓
59	-77° 1088	15	5.7	-77	3	8.5	✓
60	-77° 1091	15	7.0	-77	15	8.4	✓
61	-77° 1092	15	7.3	-77	4	8.2	✓
62	-77° 1104	15	10.6	-77	18	9.0	✓
63	-77° 1106	15	11.8	-77	60	8.7	✓
64	-78° 973	15	2.5	-78	33	8.8	✓
65	-79° 834	15	9.6	-79	25	9.0	✓
66	-79° 836	15	11.0	-79	15	9.4	✓
67	-78° 998	15	13.0	-78	24	9.1	✓
68	-78° 1012	15	17.3	-78	33	9.0	✓
69	-77° 1123 1124	15	16.5	-77	5 4	8.5 8.9	✓
70	-76° 1044	15	16.7	-76	33	8.5	✓
71	-76° 1046	15	17.1	-76	34	8.5	✓
72	-76° 1049	15	18.1	-76	21	8.4	✓
73	-76° 1061	15	22.2	-76	16	8.5	✓
74	-76° 1050	15	18.2	-76	3	8.9	✓
75	-75° 1193	15	19.2	-75	48	8.2	✓
76	-75° 1202	15	21.3	-75	54	8.5	✓
77	-75° 1206	15	21.6	-75	43	8.8	✓
78	-75° 1192	15	19.2	-75	32	8.9	✓
79	-75° 1207	15	21.6	-75	22	8.6	✓
80	-75° 1214	15	23.9	-75	51	8.8	✓
81	-75° 1222	15	26.6	-75	40	6.0	✓

? -77° 1124 8.9 slightly north -  
sh. not seen, ft. on ch. fl. (a.g.f.)

Tuesday, February 17, 1914

B 40252 short

No.	Int.	Class	Remark
✓ 82	5	Q <sub>0</sub>	
✓ 83	2	Q <sub>5</sub>	
✓ 84	2	K <sub>0</sub>	
✓ 85	10+	B <sub>9</sub>	
✓ 86	3	K <sub>0</sub>	
✓ 87	4	Q <sub>5</sub>	
✓ 88	2	Q <sub>0</sub>	The following of two,
✓ 89	3	K <sub>0</sub>	
✓ 90	3	F <sub>2</sub>	
✓ 91	3	Q <sub>5</sub>	
✓ 92	3	Q <sub>0</sub>	
✓ 93	3	K <sub>0</sub>	
✓ 94	1	K <sub>0</sub>	
✓ 95	1	K <sub>0</sub>	
✓ 96	1	Q <sub>2</sub>	
✓ 97	2	K <sub>0</sub>	
✓ 98	4	Q <sub>2</sub>	Another star suff. n. f.
✓ 99	5	F <sub>0</sub>	
✓ 100	7	K <sub>0</sub>	
✓ 101	4	K <sub>2</sub>	
✓ 102	1	Q <sub>5</sub>	
✓ 103	2	Q <sub>0</sub>	
✓ 104	9	B <sub>9</sub>	
✓ 105	1	K <sub>0</sub>	
✓ 106	3	Q <sub>0</sub>	
✓ 107	1	Q <sub>2</sub>	
✓ 108	3	F <sub>2</sub>	K-1



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B40252 short

No	Int.	Class	Remark
✓ 109	7	Q <sub>2</sub>	
✓ 110	4	K <sub>0</sub>	
✓ 111	2	Q <sub>0</sub>	
✓ 112	6	Q <sub>0</sub>	Another star sup. on following
✓ 113	4	Q <sub>0</sub>	
✓ 114	4	Q <sub>0</sub>	
✓ 115	3	K <sub>0</sub>	
✓ 116	6	K <sub>0</sub>	
✓ 117	7	F <sub>0</sub>	
✓ 118	3	Q <sub>0</sub>	
✓ 119	1	K <sub>0</sub>	
✓ 120	2	F <sub>0</sub>	Comp.? Line K appears faint.
✓ 121	2	Q <sub>0</sub>	
✓ 122	1	Q <sub>0</sub>	
✓ 123	1	Ma	
✓ 124	1	Q <sub>0</sub>	
✓ 125	1	K <sub>0</sub>	
✓ 126	2	Q <sub>0</sub>	
✓ 127	1	Q <sub>0</sub>	
✓ 128	1	F <sub>0</sub>	
✓ 129	1	F <sub>0</sub>	
✓ 130	1	F <sub>2</sub>	
✓ 131	1	Q <sub>0</sub>	
✓ 132	2	F <sub>8</sub>	
✓ 133	3	K <sub>0</sub>	
✓ 134	1	Q <sub>0</sub>	
✓ 135	1	F <sub>8</sub>	



109	$-75^{\circ} 1167$	15	12.5	-75	54	7.8	✓
110	$-75^{\circ} 1151$	15	11.3	-75	30	8.6	✓
111	$-75^{\circ} 1163$	15	14.7	-75	31	8.9	✓
112	$-74^{\circ} 1379$	15	9.8	-74	45	8.0	✓
	<del><math>-74^{\circ} 1382</math></del>	<del>15</del>	<del>10.1</del>	<del>-74</del>	<del>46</del>	<del>8.2</del>	$-74^{\circ} 1382$ 15 10.1 -74 46 8.2 <sup>8.2 super.</sup>
113	$-74^{\circ} 1391$	15	12.1	-74	49	8.2	✓
114	$-74^{\circ} 1383$	15	10.2	-74	36	8.4	✓
115	$-75^{\circ} 1140$	15	7.8	-75	7	8.6	✓
116	$-75^{\circ} 1135$	15	6.0	-75	6	8.0	✓
117	$-74^{\circ} 1362$	15	5.7	-74	52	8.2	✓
118	$-75^{\circ} 1131$	15	4.8	-75	5	8.7	✓
119	$-75^{\circ} 1143$	15	8.3	-75	22	9.3	$-75^{\circ} 1143$ 15 8.4 -75 22 9.5 <sup>super.</sup>
120	$-75^{\circ} 1134$	15	5.7	-75	50	8.9	✓
121	$-81^{\circ} 704$	15	13.0	-81	48	9.1	✓
122	$-81^{\circ} 742$	15	36.8	-81	32	9.1	✓
123	$-81^{\circ} 741$	15	36.2	-81	8	9.3	✓
124	$-81^{\circ} 717$	15	20.5	-81	1	9.1	$-81^{\circ} 716$ 15 20.3 -81 1 9.3 <sup>super.</sup>
125	$-79^{\circ} 796$	15	44.8	-80	13	9.1	✓
126	$-80^{\circ} 802$	15	53.1	-80	30	9.0	✓
127	$-79^{\circ} 872$	15	38.7	-79	14	9.1	✓
128	$-79^{\circ} 880$	15	44.0	-79	24	9.1	✓
129	$-79^{\circ} 891$	15	58.4	-79	49	9.0	✓
130	$-78^{\circ} 1064$	15	41.3	-78	46	9.1	✓
131	$-77^{\circ} 1183$	15	43.0	-77	60	9.1	✓
132	$-77^{\circ} 1197$	15	48.1	-77	28	8.9	✓
133	$-77^{\circ} 1192$	15	45.4	-77	7	8.5	✓
134	$-76^{\circ} 1117$	15	38.0	-76	57	9.1	✓
135	$-76^{\circ} 1112$	15	36.8	-76	50	8.8	✓

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B 40252 short

No.	Int.	Class	Remark
✓ 136	2	F5	
✓ 137	2	G0	
✓ 138	4	K2	
✓ 139	1	G0	
✓ 140	4	G0	
✓ 141	3	G0	
✓ 142	3	K5	
✓ 143	4	K2	
✓ 144	3	G0	Partly sup. on 143
✓ 145	4	K0	
✓ 146	4	B9	
✓ 147	5	K0	
✓ 148	4	G0	
✓ 149	3	G0	
11.03 ✓ 150	3	G5	

~~151~~

151 4 F8

152 7.1 K2 wide absorption band

153 3 mb



136	-76° 1121	15	40.1	-76	57	9.0	✓
137	-76° 1110	15	36.2	-76	6	8.8	✓
138	-75° 1261	15	37.2	-75	46	9.0	✓
139	-76° 1116	15	37.8	-76	8	9.0	✓
140	-75° 1236	15	30.2	-75	31	8.4	✓
141	-76° 1123	15	42.9	-76	15	9.1	✓
142	-75° 1270	15	47.2	-75	38	8.8	✓
143	-76° 1130	15	48.5	-76	53	8.7	✓
144	-76° 1131	15	49.0	-76	55	9.0	✓
145	-77° 1200	15	52.1	-77	7	8.8	✓
146	-76° 1135	15	57.3	-76	56	7.4	✓
147	-76° 1137	15	51.6	-76	54	8.1	✓
148	-78° 1088	15	51.4	-78	15	8.5	✓
149	-78° 1089	15	51.7	-78	11	8.6	✓
150	-78° 1090	15	57.2	-78	38	8.7	✓

and -76° 1129 15 48.4 -76 49 9.1 Super  
-76° 1131 15 49.0 -76 55 9.0

Ident. on cards by Amc. Oct. 2, 1915

Identified here Oct. 4, 1915 J.W.

Identification compared by G.R.B. Oct. 5, 1915

151-79	857	15	19.4	-78	11	P.5	13 m B, 3442
152	-77 1134	15	22.7	-77	29	7.2	12 m .. ..
153	-77 953	14	12.0	-77	53	8.9	49 m B, 9160

10.10

Wednesday, February 18, 1914

B37591 short

W. F. M. Rec.	No.	Int.	Class	Remark
✓ 1	3		G <sub>5</sub>	
✓ 2	4		A <sub>0</sub>	
✓ 3	2		B <sub>9</sub>	
✓ 4	2		B <sub>9</sub>	
✓ 5	3		G <sub>0</sub>	
✓ 6	2		G <sub>5</sub>	
✓ 7	3		A <sub>0</sub>	
✓ 8	2		F <sub>0</sub>	
✓ 9	6		B <sub>0</sub>	Almost cont.
✓ 10	1		A <sub>0</sub>	Another star sup. at south
✓ 11	1		F <sub>8</sub>	
✓ 12	7		B <sub>9</sub>	
✓ 13	2		B <sub>9</sub>	
✓ 14	4		G <sub>5</sub>	
✓ 15	7		A <sub>0</sub>	
✓ 16	2		A <sub>0</sub>	
✓ 17	2		G <sub>5</sub>	
✓ 18	3		B <sub>9</sub>	
✓ 19	1		A <sub>2</sub>	
✓ 20	1		A <sub>2</sub>	
✓ 21	1		K <sub>0</sub>	
✓ 22	4		B <sub>9</sub>	The preceding of two
✓ 23	1		A <sub>0</sub>	
✓ 24	6		B <sub>8</sub>	
✓ 25	2		A <sub>0</sub>	
✓ 26	2		K <sub>0</sub>	
✓ 27	2		B <sub>8</sub>	



1 -60°	3832	12	6.5 -60	23	8.7 ✓
2 -60°	3840	12	7.1 -60	30	8.5 ✓
3 -59°	4114	12	6.8 -59	59	8.6 ✓
4 -59°	4115	12	7.0 -59	54	8.8 ✓
5 -59°	4095	12	5.7 -59	38	9.0 ✓
6 -60°	3834	12	6.7 -60	9	9.2 ✓
7 -60°	3858	12	8.3 -60	16	8.8 ✓
8 -60°	3861	12	8.7 -60	20	9.0 ✓
9 -60°	3863	12	9.1 -60	26	8.0 ✓
10 -60°	3870	12	9.6 -60	21	9.1 ✓ -60° 3871 sup. 9.6
11 -60°	3880	12	10.6 -60	32	9.2 ✓
12 -60°	3890	12	11.4 -60	46	7.5 ✓
13 -60°	3892	12	11.5 -60	48	8.9 ✓
14 -60°	3894	12	11.8 -60	13	9.0 ✓
15 -60°	3898	12	12.4 -60	26	8.4 ✓
16 -60°	3899	12	12.6 -60	27	9.0 ✓
17 -59°	4164	12	11.4 -59	59	8.8 ✓
18 -59°	4142 <sup>60</sup>	12	10.8 -59	40	8.4 ✓
19 -59°	4158	12	10.5 -59	30	9.0 ✓
20 -59°	4159	12	10.7 -59	23	8.8 ✓
21 -59°	4142	12	9.4 -59	20	9.2 ✓
22 -59°	4149	12	9.6 -59	11	8.4 ✓
23 -58°	4200	12	10.3 -58	43	9.2 ✓
24 -58°	4204	12	11.7 -58	56	8.2 ✓
25 -59°	4166	12	11.5 -59	20	9.0 ✓
26 -59°	4172	12	12.3 -59	30	8.6 ✓
27 -59°	4177	12	12.7 -59	22	8.8 ✓

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B37591 short

No.	Int.	Class	Remark
✓ 28	2	B <sub>9</sub>	
✓ 29	3	A	Partly sup. on 30
✓ 30	5	B <sub>9</sub>	
✓ 31	4	B <sub>9</sub>	
✓ 32	1	K <sub>0</sub>	
✓ 33	2	K <sub>0</sub>	
✓ 34	1	B <sub>9</sub>	
✓ 35	1	K <sub>0</sub>	
✓ 36	4	A <sub>5</sub>	
✓ 37	4	G <sub>5</sub>	
✓ 38	5	F <sub>5</sub>	
✓ 39	2	G <sub>0</sub>	
✓ 40	1	B <sub>9</sub>	
✓ 41	2	K <sub>0</sub>	
✓ 42	2	B <sub>9</sub>	
✓ 43	4	G <sub>0</sub>	
✓ 44	2	B <sub>5</sub>	
✓ 45	1	B <sub>9</sub>	
✓ 46	10+	K?	Burned out
✓ 47	1	B <sub>9</sub>	
✓ 48	5	Comp	B <sub>2</sub> = G <sub>0</sub> Ft. = A <sub>2</sub> K = 0.2 H
✓ 49	3	B <sub>9</sub>	
✓ 50	2	A <sub>0</sub>	
✓ 51	3	A <sub>0</sub>	
✓ 52	2	B <sub>5</sub>	
✓ 53	4	B <sub>5</sub>	
✓ 54	7	K <sub>0</sub>	



28	-59°	4174	12	12.4	-59	5	8.5	✓
29	-58°	4213	12	12.6	-58	41	8.8	✓
30	-58°	4212	12	12.6	-58	36	8.3	✓
31	-58°	4226	12	13.1 <sup>4</sup>	-58	<del>34</del> 24	<del>9.2</del> 8.2	✓
32	-58°	4230	12	14.3	-58	8	8.9	✓
33	-58°	4238	12	15.3	-58	32	9.0	✓
34	-58°	4239	12	15.3	-58	12	8.9	✓
35	-58°	4242	12	15.8	-58	43	9.2	✓
36	-58°	4245	12	16.1	-58	56	8.6	✓
37	-58°	4254	12	16.8	-58	51	8.6	✓
38	-59°	4203	12	17.4	-59	4	8.7	✓
39	-59°	4206	12	17.8	-59	8	9.4	✓
40	-58°	4266	12	18.3	-58	58	9.2	✓
41	-59°	4198	12	17.1	-59	23	9.0	✓
42	-59°	4202	12	17.4	-59	21	9.2	✓
43	-59°	4210	12	18.3	-59	39	8.8	✓
44	-59°	4178	12	13.1	-59	49	8.7	✓
45	-59°	4185	12	14.2	-59	52	8.7	✓
46	-59°	4188	12	14.6	-59	43	6.7	✓
47	-60°	3920	12	14.5	-60	37	9.0	✓
48	-60°	3955	12	17.8	-60	13	8.6	✓
49	-60°	3957	12	17.9	-60	12	8.7	✓
50	-60°	3953	12	17.8	-60	7	9.2	✓
51	-60°	3987	12	19.9	-60	12	8.8	✓
52	-60°	3989	12	20.0	-60	4	9.0	✓
53	-60°	3998	12	20.4	-60	5	8.6	✓
54	-60°	4031	12	21.6	-60	12	8.6	✓

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B 37591 short

No.	Int.	Class	Remarks
✓ 55	2	B <sub>9</sub>	
✓ 56	2	A <sub>0</sub>	
✓ 57	2	B <sub>9</sub>	
✓ 58	1	K <sub>0</sub>	
✓ 59	3	B <sub>9</sub>	
✓ 60	6	B <sub>0</sub>	
✓ 61	7	A <sub>0</sub>	
✓ 62	6	A <sub>0</sub>	
✓ 63	2	A <sub>0</sub>	
✓ 64	1	K <sub>0</sub>	
✓ 65	1	Ma	
✓ 66	4	B <sub>9</sub>	
✓ 67	10+	K	Burned out
✓ 68	5	B <sub>9</sub>	
✓ 69	2	B <sub>9</sub>	
✓ 70	1	F <sub>0</sub>	
✓ 71	1	A <sub>0</sub>	
✓ 72	4	B <sub>3</sub>	
✓ 73	3	F <sub>2</sub>	
✓ 74	2	B <sub>8</sub>	
✓ 75	2	B <sub>8</sub>	
✓ 76	1	K <sub>2</sub>	
✓ 77	3	B <sub>9</sub>	
✓ 78	3	B <sub>0</sub>	
✓ 79	2	B <sub>0</sub>	
✓ 80	3	B <sub>9</sub>	
✓ 81	1	K <sub>2</sub>	



55	-60°	4025	12	21.5	-60	22	9.0	✓
56	-60°	4042	12	22.1	-60	34	8.9	✓
57	-60°	4038	12	22.0	-60	25	9.4	✓
58	-60°	4035	12	21.9	-60	14	9.3	✓
59	-60°	4037	12	22.0	-60	14	8.8	✓
60	-60°	4047	12	22.2	-60	7	8.3	✓
61	-59°	4241	12	21.5	-59	42	8.3	✓
62	-59°	4237	12	21.2	-59	21	8.7	✓
63	-59°	4255	12	22.6	-59	32	9.0	✓
64	-59°	4261	12	23.0	-59	9	9.6	✓
65	-58°	4323	12	22.6	-58	48	9.6	✓
66	-58°	4335	12	24.1	-58	51	8.7	✓
67	-58°	4344	12	24.7	-58	44	7.1	✓
68	-59°	4296	12	25.5	-59	12	8.1	✓
69	-59°	4299	12	25.7	-59	36	9.0	✓
70	-59°	4266	12	23.6	-59	56	9.2	✓
71	-60°	4098	12	24.8	-60	2	9.2	✓
72	-58°	4355	12	26.0	-58	45	8.6	✓
73	-58°	4368	12	27.0	-58	34	8.8	✓
74	-58°	4378	12	28.0	-58	41	8.6	✓
75	-58°	4372	12	27.1	-58	57	9.1	✓
76	-59°	4333	12	29.2	-59	22	9.4	✓
77	-59°	4349	12	31.0	-59	14	8.7	✓
78	-58°	4402	12	29.8	-58	49	8.8	✓
79	-58°	4409	12	31.2	-58	36	8.9	✓
80	-58°	4426	12	32.9	-58	54	8.6	✓
81	-59°	4366	12	32.3	-59	7	9.5	✓

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B 3759, short

No.	Int.	Class	Remark
✓ 82	2	K <sub>2</sub>	
✓ 83	2	A <sub>0</sub>	
✓ 84	1	A <sub>0</sub>	
✓ 85	1	K <sub>0</sub>	
✓ 86	4	F <sub>5</sub>	
✓ 87	4	F <sub>5</sub>	
✓ 88	2	K <sub>5</sub>	
✓ 89	5	B <sub>8</sub>	
✓ 90	2	F <sub>0</sub>	
✓ 91	2	K <sub>5</sub>	
✓ 92	2	A <sub>0</sub>	
✓ 93	3	B <sub>9</sub>	
✓ 94	1	A <sub>5</sub>	
✓ 95	4	B <sub>8</sub>	
✓ 96	7	K <sub>5</sub>	
✓ 97	4	B <sub>5</sub>	
✓ 98	10	M <sub>a</sub>	
✓ 99	4	B <sub>9</sub>	
✓ 100	5	B <sub>8</sub>	
✓ 101	6	F <sub>2</sub>	
✓ 102	7	B <sub>9</sub>	
✓ 103	3	B <sub>9</sub>	
✓ 104	4	B <sub>9</sub>	
✓ 105	2	A <sub>0</sub>	
✓ 106	2	K <sub>0</sub>	
✓ 107	1	G <sub>0</sub>	
✓ 108	2.5	B <sub>8</sub>	



82	-59°	4350	12	31.2	-59	41	9.4	✓
83	-59°	4386	12	34.1	-59	38	8.8	✓
84	-59°	4375	12	<sup>3</sup> 33.3	-59	8	9.0	✓
85	-59°	4383	12	34.0	-59	4	9.3	✓
86	-59°	4388	12	34.3	-59	6	8.6	✓
87	-58°	4262	12	17.5	-58	17	8.6	✓
88	-58°	4264	12	17.8	-58	15	9.2	✓
89	-58°	4263	12	17.7	-58	6	8.5	✓
90	-58°	4267	12	18.4	-58	6	9.1	✓
91	-57°	5459	12	18.4	-57	45	9.2	✓
92	-57°	5450	12	18.0	-57	39	9.0	✓
93	-57°	5468	12	19.3	-57	58	8.8	✓
94	-57°	5475	12	19.7	-57	43	9.2	✓
95	-57°	5474	12	19.6	-57	25	8.2	✓
96	-57°	5490	12	20.6	-57	38	7.6	✓
97	-57°	5487	12	20.5	-57	19	8.5	✓
98	-58°	4288 <sup>9</sup>	12	20.6	-58	18	8.3	✓
99	-58	4304	12	21.7	-58	9	8.7	✓
100	-58°	4313	12	22.0	-58	3	8.5	✓
101	-58°	4324	12	22.6	-58	24	8.3	✓
102	-58°	4326	12	22.8	-58	20	9.8	✓
103	-58°	4327	12	22.9	-58	5	8.7	✓
104	-57°	5510	12	22.7	-57	55	8.2	✓
105	-57°	5507	12	22.6	-57	43	8.8	✓
106	-57°	5502	12	21.8	-57	30	8.8	✓
107	-57°	5512	12	22.8	-57	33	8.8	✓
108	-57°	5521	12	23.4	-57	50	8.8	✓

Environ magn in C.P.D.

Wednesday, February 18, 1914

B37591 short

No.	Int.	Class	Remark
✓ 109	4	F8	
✓ 110	2	G0	
✓ 111	8	F8	
✓ 112	1...	G0	
✓ 113	2	K0	
✓ 114	1..	F8	
✓ 115	1	B9	
✓ 116	2	G0	
✓ 117	5	G0	
✓ 118	2	G0	
✓ 119	1	K0	
✓ 120	5	B9	
✓ 121	1	F8	
✓ 122	1	B9	
✓ 123	1	G0	
✓ 124	2	B5	
✓ 125	8..	B9	
✓ 126	2..	B8	
✓ 127	1..	G0	
✓ 128	1	K0	
✓ 129	1	B9	
✓ 130	4	B0	
✓ 131	6	K0	
✓ 132	3	K0	
✓ 133	1	G5	
✓ 134	1	G0	
✓ 135	3	F5	



109	-57°	5525	12	23.9	-57	30	8.6	✓
110	-57°	5529	12	24.3	-57	18	9.0	✓
111	-57°	5536	12	25.0	-57	36	7.6	✓
112	-57°	5543	12	25.9	-57	40	8.8	✓
113	-58°	4341	12	24.6	-58	31	9.1	✓
114	-58°	4363	12	26.6	-58	25	9.2	✓
115	-58°	4371	12	27.1	-58	10	9.4	✓
116	-58°	4373	12	27.3	-58	2	9.0	✓
117	-57°	5560	12	27.5	-57	38	8.1	✓
118	-57°	5566	12	27.9	-57	32	8.8	✓
119	-57°	5335	12	7.2	-57	10	9.1	✓
120	-57°	<del>5338</del> 5337	<del>12</del> 12	<del>7.4</del> 7.3	<del>-57</del> -57	<del>15</del> 29	<del>7.9</del> 9.1	<del>✓</del> ✓
121	-57°	5347	12	8.0	-57	14	9.1	✓
122	-57°	5365	12	9.2	-57	43	8.8	✓
123	-58°	4194	12	9.5	-58	14	9.1	✓
124	-58°	4195	12	9.7	-58	5	8.7	✓
125	-58°	4197	12	9.9	-58	20	8.7	✓
126	-58°	4202	12	11.0	-58	12	9.0	✓
127	-58°	4206	12	12.0	-58	4	8.9	✓
128	-57°	5395	12	12.0	-57	55	9.0	✓
129	-57°	5397	12	12.3	-57	53	9.0	✓
130	-57°	5375	12	11.0	-57	28	8.4	✓
131	-57°	5382	12	11.2	-57	9	8.2	✓
132	-57°	5391	12	11.7	-57	29	8.6	✓
133	-57°	5372	12	10.5	-57	0	9.0	✓
134	-56°	5141	12	10.6	-56	48	9.2	✓
135	-56°	5143	12	10.7	-56	26	8.8	✓

Wednesday, February 18, 1914

B 37591 short

No.	Int.	Class	Remark
✓ 136	4	F <sub>0</sub>	
✓ 137	1	K <sub>2</sub>	
✓ 138	1	A <sub>0</sub>	
✓ 139	1	F <sub>0</sub>	
✓ 140	2	A <sub>2</sub>	
✓ 141	6	G <sub>0</sub>	
✓ 142	1	K <sub>0</sub>	
✓ 143	3	B <sub>9</sub>	
✓ 144	2	G <sub>0</sub>	
✓ 145	1	A <sub>0</sub>	
✓ 146	4	F <sub>0</sub>	
✓ 147	7	B <sub>9</sub>	
✓ 148	5	A <sub>0</sub>	
✓ 149	3	B <sub>9</sub>	
✓ 150	7	B <sub>8</sub>	
✓ 151	1	M <sub>6</sub>	
✓ 152	2	F <sub>8</sub>	
✓ 153	4	B <sub>8</sub>	
✓ 154	5	B <sub>8</sub>	
✓ 155	3	F <sub>0</sub>	
✓ 156	5	F <sub>0</sub>	
✓ 157	1	K <sub>2</sub>	
✓ 158	1	K <sub>0</sub>	
✓ 159	1	F <sub>0</sub>	
✓ 160	2	F <sub>2</sub>	
✓ 161	1	B <sub>8</sub>	
✓ 162	2	A <sub>0</sub>	



136	-56°	5149	12	11.5	-56	32	8.8✓
137	-56°	5095	12	6.5	-56	30	9.3✓
138	-56°	5100	12	6.9	-56	39	9.0✓
139	-56°	5111	12	7.9	-56	29	9.2✓
140	-56°	5109	12	7.8	-56	11	9.0✓
141	-56°	5113	12	8.2	-56	5	8.4✓
142	-55°	4960	12	9.9	-55	43	9.3✓
143	-55°	4964	12	10.4	-55	43	8.8✓
144	-56°	5137	12	10.4	-56	8	9.1✓
145	-55°	4979	12	11.2	-55	45	9.1✓
146	-56°	5162	12	12.6	-56	17	8.8✓
147	-56°	5169	12	13.4	-56	2	7.9✓
148	-56°	5173	12	13.8	-56	1	8.6✓
149	-56°	5177	12	14.1	-56	16	8.8✓
150	-56°	5184	12	14.5	-56	5	8.0✓
151	-55°	5012	12	14.6	-55 <sup>6</sup>	0	9.4✓
152	-56°	5191	12	14.7	-56	7	9.1✓
153	-56°	5189	12	14.7	-56	52	8.5✓
154	-56°	5186	12	14.5	-56	36	8.3✓
155	-56°	5193	12	15.2	-56	37	8.8✓
156	-56°	5194	12	15.2	-56	21	8.4✓
157	-56°	5196	12	15.5	-56	11	9.2✓
158	-56°	5201	12	15.9	-56	14	9.2✓
159	-56°	5205	12	16.3	-56	15	9.1✓
160	-56°	5207	12	16.7	-56	5	8.8✓
161	-56°	5159	12	12.3	-56	46	9.2✓
162	-57°	5400	12	13.2	-57	30	8.8✓

Wednesday, February 18, 1914

B 37591 short

No	Int.	Class	Remark
✓ 163	1	F8	
✓ 164	1	F8	
✓ 165	1	K2	
✓ 166	4	B8	
✓ 167	1	G0	
✓ 168	4	G0	
✓ 169	10+	G?	Burned out
✓ 170	6	G0	
✓ 171	2	G0	Another star of same class sup. s. f.
✓ 172	5	G0	
✓ 173	1	G3	
✓ 174	2	B5	
✓ 175	1	K0	
✓ 176	2	B9	
✓ 177	4	B9	
✓ 178	6	B8	
✓ 179	2	F5	
✓ 180	3	F0	
✓ 181	3	F2	
✓ 182	5	B9	
✓ 183	6	G5	
✓ 184	4	G2	
✓ 185	3	G0	
✓ 186	6	Ma	
✓ 187	2	G0	
✓ 188	10+	K?	Burned out
✓ 189	8	G2	

5



163	-57°	5410	12	14.0	-57	7	9.2✓
164	-57°	5415	12	14.6	-57	10	9.0✓
165	-57°	5414	12	14.6	-57	32	9.4✓
166	-57°	5420	12	15.2	-57	43	8.2✓
167	-57°	5434	12	16.8	-57	15	9.0✓
168	-57°	5442	12	17.4	-57	13	8.0✓
169	-56°	5202	12	16.1	-56	59	5.5✓
170	-57°	5451	12	18.0	-57	26	7.6✓
171	-57°	5462	12	19.1	-57	17	8.8✓ -57° 5465 sup. 9.1
172	-56°	5225	12	18.8	-56	38	8.2✓
173	-56°	5228	12	19.0	-56	30	9.2✓
174	-56°	5209	12	16.9	-56	44	9.1✓
175	-56°	5231	12	19.4	-56	52	9.3✓
176	-56°	5242	12	20.1	-56	55	8.8✓
177	-56°	5249	12	21.7	-56	20	8.8✓
178	-56°	5255	12	22.4	-56	19	8.2✓
179	-55°	5064	12	20.5	-55	52	9.0✓
180	-55°	5076	12	21.2	-55	48	8.8✓
181	-55°	5069	12	20.8	-55	37	8.8✓
182	-55°	5082	12	21.7	-55	46	8.0✓
183	-55°	5084	12	21.8	-55	42	7.2✓
184	-55°	5083	12	21.7	-55	37	8.8✓
185	-55°	5087	12	22.0	-55	47	8.8✓
186	-55°	5097	12	23.0	-55	50	7.8✓
187	-56°	5260	12	23.7	-56	21	8.8✓
188	-56°	5272	12	24.2	-56	25	4.8✓
189	-56°	5274	12	24.4	-56	23	7.3✓

Wednesday, February 18, 1914  
 B 37591 short

No.	Int.	Class	Remark
✓ 190	2	G <sub>0</sub>	
✓ 191	5	K <sub>0</sub>	
✓ 192	1	K <sub>0</sub>	
✓ 193	4	A <sub>0</sub>	
✓ 194	3	G <sub>0</sub>	
✓ 195	5	B <sub>8</sub>	
✓ 196	3	B <sub>8</sub>	
✓ 197	4	B <sub>9</sub>	
✓ 198	2	A <sub>2</sub>	
✓ 199	2	B <sub>9</sub>	
✓ 200	1	K <sub>0</sub>	
✓ 201	1	A <sub>0</sub>	
✓ 202	1	A <sub>0</sub>	
10,41 ✓ 203	1	F <sub>2</sub>	
204			

✓ 204	3	G <sub>0</sub>	Like R + Cor. Brr.
205	1	m <sub>6</sub>	
206	1	η	0, 8, 10



190	-56°	5275	12	24.5	-56	17	8.8 ✓
191	-56°	5285	12	25.2	-56	39	8.4 ✓
192	-56°	5290	12	25.6	-56	39	9.1 ✓
193	-56°	5296	12	26.1	-56	33	8.3 ✓
194	-56°	5311	12	27.1	-56	50	8.6 ✓
195	-57°	5547	12	26.4	-57	2	7.6 ✓
196	-57°	5553	12	26.9	-57	26	8.1 ✓
197	-57°	5554	12	26.9	-57	17	8.3 ✓
198	-57°	5563	12	27.8	-57	1	8.5 ✓
199	-57°	5574	12	28.5	-57	16	8.2 ✓
200	-56°	5309	12	26.9	-56	59	9.2 ✓
201	-56°	5261	12	23.7	-56	54	9.0 ✓
202	-56°	5263	12	23.8	-56	43	9.1 ✓
203	-56°	5288	12	25.4	-56 <sup>7</sup>	0	9.2 ✓

Identified on cards by Ann. ~~Det~~<sup>prod.</sup> 11.1914

Identified in book by J.G.M. Nov. 17, 1914.

Identification compared by G.R.B. Nov. 18, 1914

✓	204	-58°	4151	12	5.4	-58	5	8.8	173 in B38957
✓	205	-55°	4977	12	11.0	-55	56	9.4	
✓	206	-57°	5169	11	53.7	-57	54	9.9	



















10.00

Thursday, February 19, 1914

I 37585 long

S.F.M. Rec.	No	Int.	Class	Remarks
✓ 1	3		Q3	
✓ 2	7		K2	
✓ 3	5		Q3	
✓ 4	6		K0	
✓ 5	1		K0	
✓ 6	2		K0	
✓ 7	1		G5	
✓ 8	1		F5	
✓ 9	1		F8	
✓ 10	1		K5	
✓ 11	9		Q2	
✓ 12	4		G5	
✓ 13	1		G5	
✓ 14	1		K0	
✓ 15	1		K0	Partly suff. on 14.
✓ 16	1		K2	
✓ 17	1		G0	
✓ 18	4		F8	
✓ 19	3		F0	
✓ 20	1		K0	
✓ 21	2		G0	The preceding of two
✓ 22	4		K0	
✓ 23	2		K0	
✓ 24	2		G5	
✓ 25	2		F8	
✓ 26	6		K0	
✓ 27	1		F8	



1	+48°	2017	12	12.7	+48	37.0	8.0	✓
2	+49°	2130	12	12.7	+49	47.0	5.7	✓
3	+49°	2132	12	15.5	+49	9.5	7.3	✓
4	+47°	1955	12	14.8	+47	58.6	6.5	✓
5	+49°	2135	12	16.0	+49	39.8	8.4	✓
6	+49°	2138	12	18.4	+49	10.4	7.7	✓
7	+49°	2139	12	19.8	+49	27.9	7.5	✓
8	+48°	2026	12	21.5	+48	46.0	8.2	✓
9	+49°	2141	12	21.6	+49	5.1	8.5	✓
10	+49°	2143	12	22.1	+49	43.7	8.5	✓
11	+50°	1925	12	21.7	+50	26.7	7.3	✓
12	+51°	1762	12	23.8	+52	47.0	7.9	✓
13	+52°	1633	12	23.6	+52	3.1	8.7	✓
14	+53°	1537	12	12.0	+53	14.9	8.2	✓
15	+53°	1538	12	12.1	+53	21.2	8.5	✓
16	+50°	1921	12	18.6	+50	41.9	8.4	✓
17	+50°	1924	12	20.2	+50	39.6	9.2	✓
18	+50°	1929	12	26.4	+50	5.9	7.7	✓
19	+49°	2151	12	29.3	+49	58.2	8.0	✓
20	+51°	1764	12	26.3	+51	53.8	8.6	✓
21	+52°	1634	12	26.6	+52	2.5	8.7	✓
22	+52°	1637	12	28.1	+52	10.0	7.7	✓
23	+52°	1638	12	29.0	+52	2.5	8.0	✓
24	+52°	1639	12	29.5	+52	18.9	8.0	✓
25	+52°	1646	12	33.8	+52	16.5	8.3	✓
26	+50°	1941	12	34.7	+50	5.5	6.5	✓
27	+50°	1946	12	39.3	+50	36.7	9.0	✓

Thursday February 19, 1914

I 37585 long

No.	Int.	Class	Remark
✓ 28	8	F <sub>2</sub>	
✓ 29	10	G <sub>5</sub>	
✓ 30	5	K <sub>0</sub>	
✓ 31	1	K <sub>2</sub>	
✓ 32	2	F <sub>5</sub>	
✓ 33	2	G <sub>2</sub>	
✓ 34	2	F <sub>8</sub>	
✓ 35	1	G <sub>5</sub>	Another star sup. at south
✓ 36	2	F <sub>5</sub>	
✓ 37	2	F <sub>0</sub>	
✓ 38	1	F <sub>5</sub>	
✓ 39	1	G <sub>0</sub>	
✓ 40	2	G <sub>0</sub>	
✓ 41	1	G <sub>5</sub>	
✓ 42	2	G <sub>0</sub>	
✓ 43	4	G <sub>0</sub>	
✓ 44	3	G <sub>0</sub>	
✓ 45	1	K <sub>0</sub>	2.
✓ 46	1	F <sub>2</sub>	
✓ 47	1	F <sub>5</sub>	
✓ 48	4	K <sub>0</sub>	
✓ 49	2	K <sub>0</sub>	
✓ 50	2	G <sub>0</sub>	
✓ 51	3	K <sub>0</sub>	
✓ 52	2	K <sub>0</sub>	
✓ 53	1	G <sub>3</sub>	
✓ 54	2	G <sub>5</sub>	



28	+50°	1948	12	41.2	+50	56.9	6.5	✓
29	+49°	2163	12	42.0	+49	16.0	6.0	✓
30	+49°	2165	12	43.0	+49	32.9	6.5	✓
31	+50°	1954	12	44.7	+50	3.3	7.5	✓
32	+51°	1792	12	45.8	+51	4.3	8.0	✓
33	+53°	1565	12	38.4	+53	9.8	8.9	✓
34	+52°	1651	12	38.5	+52	32.2	9.0	✓
35	+51°	1777	12	34.6	+51	13.2	8.8	✓ +51° 1778 <i>superficial</i> 8.7
36	+49°	2171	12	45.6	+49	8.6	8.4	✓
37	+49°	2164	12	43.0	+49	2.5	8.9	✓
38	+48°	2061	12	46.4	+48	27.1	8.3	✓
39	+49°	2172	12	46.7	+49	50.3	9.0	✓
40	+50°	1961	12	48.6	+50	14.2	8.5	✓
41	+49°	2180	12	53.0	+49	55.4	8.8	✓
42	+50°	1971	12	54.3	+50	24.1	8.7	✓
43	+50°	1976	12	57.9	+50	51.0	7.8	✓
44	+50°	1977	12	58.4	+50	26.3	8.5	✓
45	+50°	1979	12	59.3	+50	14.8	8.5	✓
46	+48°	2024	12	21.2	+48	17.8	8.8	✓
47	+48°	2025	12	21.5	+48	16.5	8.0	✓
48	+47°	1969	12	27.1	+47	32.9	6.8	✓
49	+47°	1970	12	27.8	+47	48.2	7.3	✓
50	+46°	1793	12	26.2	+46	7.9	8.4	✓
51	+46°	1797	12	29.0	+46	34.1	7.0	✓
52	+47°	1975 <sup>6</sup>	12	30.1	+47	29.0 52.1	8.8 <sup>0</sup>	✓
53	+47°	1977	12	31.9	+47	35.0	8.9	✓
54	+47°	1979	12	33.8	+47	35.0	8.3	✓

Thursday, February, 19, 1914

I 37585 long

No.	Int.	Class	Remark
✓ 55	1	F <sub>2</sub>	Another star sup.?
✓ 56	5	F <sub>0</sub>	
✓ 57	7	F <sub>2</sub>	
10.15 ✓ 58	8	G <sub>2</sub>	

~~59~~~~60~~

Friday, Mar. 26, 1915

12:13 ✓ 59	4	K <sub>2</sub>
✓ 60	1	G <sub>0</sub>
✓ 61	1	K <sub>0</sub>
✓ 62	1	K <sub>0</sub>
✓ 63	1	K <sub>0</sub>
12:15 ✓ 64	1	G <sub>5</sub>
65		

65	3	G <sub>2</sub>
66	3	F <sub>15</sub>
67	5	F <sub>10</sub>



55 + 46°	1801	12	29.8	+46	18.7	8.5 ✓
56 + 46°	1802	12	30.6	+46	2.9	7.8 ✓
57 + 46°	1805	12	31.7	+46	1.1	7.2 ✓
58 + 46°	1814	12	35.4	+46	40.5	6.8 ✓

Identified on cards April 13, 1914 by Amc.

Identified in book by J.E.M. April 21, 1914.

Identification compared cards + book, by S.R.B.

59 + 51°	1754	12	19.9	+52	0	7.3 ✓
60 + 50°	1918	12	16.3	+50	23	9.0 ✓
61 + 50°	1930	12	18.4	+50	56	9.0 ✓
62 + 49°	2174	12	48.5	+49	1	8.7 ✓
63 + 49°	2175	12	51.6	+49	2	8.4 ✓
64 + 49°	2177	12	52.3	+49	23	8.8 ✓

Ident. in book by M.A.H. Nov. 26, 1915

Ident. on cards by Amc. Nov. 26, 1915

Identification compared by S.R.B. Nov. 26, 1915

✓ 65 + 54	1530	12	22.2	+54	K	88	2 on J38322
✓ 66 + 52	1654	12	46.2	+52	4C	7.4	9 on J38322
✓ 67 + 53	1586						16 on J38328

10.17

Thursday, February 19, 1914

I 376.39 long

No.	Int.	Class	Remark
✓ 1	1	K <sub>0</sub>	E.
✓ 2	2	G <sub>0</sub>	
✓ 3	5	K <sub>2</sub>	0, 6, 10
✓ 4	1	K <sub>0</sub>	
✓ 5	2	Ma	
✓ 6	3	K <sub>0</sub>	
✓ 7	3	G <sub>0</sub>	
✓ 8	3	Ma	
✓ 9	4	K <sub>0</sub>	
✓ 10	7	Ma	
✓ 11	8	K <sub>0</sub>	
✓ 12	3	F <sub>2</sub>	Comp? Line K seems faint
✓ 13	1	K <sub>2</sub>	
✓ 14	1	Q <sub>3</sub>	
✓ 15	2	F <sub>5</sub>	
✓ 16	1	K <sub>5</sub>	
✓ 17	2	F <sub>8</sub>	
✓ 18	4	F <sub>5</sub>	
✓ 19	2	G <sub>5</sub>	
✓ 20	2	G <sub>0</sub>	
✓ 21	1	G <sub>0</sub>	
✓ 22	1	G <sub>0</sub>	
✓ 23	3	Ma	
✓ 24	2	K <sub>0</sub>	
✓ 25	2	Q <sub>3</sub>	
✓ 26	4	K <sub>0</sub>	
✓ 27	2	K <sub>2</sub>	



	<sup>0</sup> 2212	12/ 31.5 + 44	521	8.4	
1	+44° 2211	12/ 31.5 + 44	19	9.3	
2	+45° 2061	12/ 38.0 + 45	42	8.9	✓
3	+46° 1817	12/ 38.3 + 46	13	5.5	✓
4	+46° 1819	12/ 39.9 + 46	18	9.2	✓
5	+48° 2055	12/ 39.9 + 48	10	7.5	✓
6	+46° 1824	12/ 43.9 + 46	52	8.0	✓
7	+47° 1997	12/ 45.7 + 47	34	8.0	✓
8	+47° 1998	12/ 46.7 + 47	27	7.0	✓
9	+47° 2000	12/ 47.8 + 47	34	7.7	✓
10	+47° 2003	12/ 48.3 + 47	59	5.8	✓
11	+46° 1833	12/ 50.5 + 46	57	6.5	✓
12	+46° 1832	12/ 50.1 + 46	24	7.8	✓
13	+46° 1828	12/ 46.3 + 46	37	8.8	✓
14	+44° 2225	12/ 42.0 + 44	56	9.1	✓
15	+44° 2230	12/ 45.0 + 44	48	8.4	✓
16	+44° 2231	12/ 43.8 + 44	33	8.6	✓
17	+45° 2070	12/ 48.5 + 45	5	8.7	✓
18	+44° 2238	12/ 50.8 + 44	36	7.5	✓
19	+45° 2080	12/ 53.2 + 45	19	8.1	✓
20	+44° 2245	12/ 53.7 + 44	56	8.4	✓
21	+45° 2053	12/ 55.6 + 45	39	9.0	✓
22	+46° 1837	12/ 55.4 + 46	12	8.6	✓
23	+46° 1839	12/ 56.2 + 46	9	7.7	✓
24	+47° 2006	12/ 52.5 + 47	10	7.9	✓
25	+47° 2008	12/ 53.1 + 47	14	8.5	✓
26	+47° 2007	12/ 52.5 + 47	56	7.8	✓
27	+48° 2079	12/ 56.8 + 48	45	8.0	✓

Thursday, February 19, 1914

I 37639 long

No.	Int.	Class	Remark
✓ 28	5	K <sub>0</sub>	
✓ 29	4	Q <sub>5</sub>	
✓ 30	2	K <sub>2</sub>	E.
✓ 31	10+	B <sub>9</sub>	E.
✓ 32	2	Q <sub>2</sub>	
✓ 33	2	Q <sub>3</sub>	
✓ 34	2	K <sub>0</sub>	
✓ 35	2	K <sub>5</sub>	
✓ 36	4	F <sub>8</sub>	
✓ 37	1	Q <sub>5</sub>	
✓ 38	1	Q <sub>2</sub>	
✓ 39	1	K <sub>0</sub>	
✓ 40	5	F <sub>5</sub>	
✓ 41	4	K <sub>2</sub>	
✓ 42	1	Q <sub>5</sub>	Partly sup. on 41.
✓ 43	1	K <sub>2</sub>	
✓ 44	1	K <sub>0</sub>	
✓ 45	9	K <sub>0</sub>	
✓ 46	1	K <sub>5</sub>	
✓ 47	1	K <sub>2</sub>	
✓ 48	1	Q <sub>5</sub>	
✓ 49	5	Ma	
✓ 50	3	Ma	
✓ 51	3	K <sub>2</sub>	
✓ 52	4	F <sub>2</sub>	
✓ 53	2	Q <sub>5</sub>	
✓ 54	1	K <sub>0</sub>	



28	+48° 2084	12	59.3	+48	34	7.2	✓
29	+48° 2086	12	59.6	+48	50	7.8	✓
30	+50° 1982	13	2.7	+50	14	8.1	✓
31	+50° 1994	13	12.1	+50	27	5.0	✓
32	+49° 2207	13	12.2	+49	7	8.5	✓
33	+48° 2098	13	7.2	+48	35	8.6	✓
34	+48° 2097	13	6.4	+48	6	8.6	✓
35	+47° 2027	13	5.1	+47	43	8.4	✓
36	+47° 2023	<sup>13</sup> <del>12</del>	2.5	+47	38	7.9	✓
	+47° 2017	12	59.7	+47	43	8.8	✓
37	+47° 2019	13	0.1	+47	57	9.2	✓
38	+47° 2020	13	0.9	+47	13	9.0	✓
39	+47° 2022	13	1.9	+47	10	8.8	✓
40	+47° 2015	12	57.6	+47	14	8.0	✓
41	+46° 1836	12	54.4	+46	44	8.2	✓
42	+46° 1835	12	54.3	+46	34	8.9	✓
43	+45° 2079	12	52.1	+45	36	9.4	✓
44	+46° 1845	12	58.5	+46	56	8.8	✓
45	+46° 1847	12	59.4	+46	3	6.0	✓
46	+44° 2250	12	57.6	+44	53	8.5	✓
47	+44° 2246	12	55.2	+44	31	8.6	✓
48	+44° 2247	12	55.4	+44	14	8.5	✓
49	+43° 2296	12	57.3	+43	47	6.0	✓
50	+43° 2301	13	1.7	+43	58	6.8	✓
51	+43° <sup>2300</sup> 2296	<sup>13</sup> <del>12</del>	1.3	+43	9	7.1	✓
		12	57.3	+43	47	6.0	✓
52	+42° 2377	<sup>13</sup> <del>12</del>	2.0	+42	55	8.0	✓
						<sup>43°</sup> +42° 2302 13 2.0 +43 5 magn. 8.5 superband	✓
53	+42° 2349	12	47.1	+42	36	7.5	✓
54	+43° 2282	12	49.6	+43	47	8.8	✓

Thursday, February 19, 1914

I 37639 long  $\nabla$ 

No.	Int.	Class	Remark
✓ 55	3	K <sub>2</sub>	
✓ 56	4	F <sub>0</sub>	
✓ 57	1	K <sub>0</sub>	
✓ 58	2	Q <sub>2</sub>	
✓ 59	1	K <sub>0</sub>	
✓ 60	2	F <sub>5</sub>	
✓ 61	4	F <sub>5</sub>	
✓ 62	4	Q <sub>2</sub>	
✓ 63	3	K <sub>5</sub>	
✓ 64	3	K <sub>0</sub>	Σ.
✓ 65	3	K <sub>5</sub>	Σ.
✓ 66	6	K <sub>0</sub>	
✓ 67	1	K <sub>0</sub>	
✓ 68	10	K <sub>0</sub>	
✓ 69	10	Q <sub>2</sub>	
✓ 70	10+	F <sub>0</sub>	
✓ 71	2	K <sub>0</sub>	
✓ 72	2	K <sub>0</sub>	Σ.
✓ 73	7	K <sub>0</sub>	Σ.
✓ 74	1	G <sub>5</sub>	
✓ 75	6	G <sub>5</sub>	
✓ 76	1	F <sub>5</sub>	
✓ 77	3	G <sub>5</sub>	
✓ 78	2	G <sub>5</sub>	
✓ 79	2	F <sub>5</sub>	
✓ 80	3	F <sub>2</sub>	
✓ 81	3	F <sub>2</sub>	



55	+42° 2361	12	52.9	+42	46	7.9	✓
56	+42° 2362	12	52.7	+42	43	8.0	✓
57	+43° 2290	12	53.6	+43	14	8.5	✓
58	+43° 2293	12	55.6	+43	5	8.5	✓
59	+43° 2294	12	56.6	+43	4	8.1	✓
60	+42° 2368	12	57.8	+42	20	8.4	✓
61	+42° 2370	12	58.8	+42	27	7.6	✓
61	+42° 2371	12	59.0	+42	41	8.1	✓
62	+42° 2372	12	59.4	+42	19	7.6	✓
62	+42° 2373	12	59.8	+42	28	8.7	✓
63	+41° 2355	12	59.6	+41	42	7.0	✓
64	+40° 2618	12	58.0	+40	6	7.2	✓
65	+40° 2621	12	59.1	+40	23	7.0	✓
66	+41° 2364	13	4.9	+41	35	6.7	✓
67	+41° 2366	13	6.2	+41	17	8.0	✓
68	+40° 2633	13	7.1	+40	56	5.0	✓
69	+41 2374	13	9.0	+41	38	6.0	✓
70	+41° 2380	13	11.1	+41	20	4.3	✓
71	+41° 2381	13	11.5	+41	19	8.0	✓
72	+40° 2642	13	11.9	+40	40	7.8	✓
73	+40° 2647	13	13.8	+40	56	5.5	✓
74	+43° 2323	13	3.3	+43	19	8.4	✓
75	+43° 2311	13	6.3	+43	23	6.5	✓
76	+45° 2089	13	3.2	+45	5	8.6	✓
77	+47° 2031	13	6.9	+47	16	8.0	✓
78	+47° 2033	13	7.3	+47	15	8.0	✓
79	+46° 1859	13	10.1	+46	58	8.5	✓
80	+47° 2041	13	10.5	+47	5	7.9	✓
81	+46° 1860	13	11.3	+46	39	7.8	✓

Thursday, February 19, 1914

I 37639 long

No.	Int.	Class	Remark
✓ 82	1	G <sub>5</sub>	
✓ 83	3	F <sub>5</sub>	
✓ 84	1	K <sub>0</sub>	
✓ 85	1	K <sub>2</sub>	
✓ 86	2	K <sub>2</sub>	
✓ 87	3	K <sub>0</sub>	
✓ 88	1	G <sub>5</sub>	
✓ 89	4	K <sub>0</sub>	
✓ 90	9	F <sub>2</sub>	
✓ 91	9	G <sub>3</sub>	
✓ 92	5	G <sub>0</sub> E.	
✓ 93	3	F <sub>5</sub>	
✓ 94	2	G <sub>5</sub>	
✓ 95	1	M <sub>a</sub>	
✓ 96	1	K <sub>2</sub>	
✓ 97	6	F <sub>5</sub>	
✓ 98	7	K <sub>0</sub>	
✓ 99	2	K <sub>2</sub>	
✓ 100	1	G <sub>5</sub>	
✓ 101	5	M <sub>b</sub>	
✓ 102	4	K <sub>0</sub>	
✓ 103	9	K <sub>0</sub> E.	
✓ 104	3	K <sub>0</sub> E.	
✓ 105	1	K <sub>2</sub>	
✓ 106	1	K <sub>0</sub>	
✓ 107	1	K <sub>5</sub>	
✓ 108	2	G <sub>5</sub>	





Thursday, February 19, 1914  
I 37639 long

	No.	Int.	Class	Remark
	✓ 109	1	Go	
10.36	✓ 110	2	Go	
	111			
	112			
	113			
	114			
	115			



109  $+43^{\circ} 2325$  13 16.3  $+43$  17 9.0 ✓

110  $+44^{\circ} 2271$  13 17.6  $+44$  22 9.0 ✓

Identified on cards April 13, 1914 A.M.C.  
Identified here April 16, 1914 L.D.W.  
Identification compared cards + book by G.R.B.

10.40

Thursday, February 19, 1914

I 38328 long

No.	Int.	Class	Remark
✓ 1	1	G <sub>0</sub>	
✓ 2	1	K <sub>2</sub>	
3	1	K <sub>2</sub>	
✓ 4	1	K <sub>2</sub>	
✓ 5	2	Q <sub>0</sub>	
✓ 6	1	K <sub>0</sub>	
✓ 7	1	K <sub>5</sub>	
✓ 8	1	K <sub>0</sub>	
✓ 9	2	K <sub>2</sub>	
✓ 10	3	K <sub>0</sub>	
✓ 11	2	K <sub>0</sub>	
✓ 12	1	K <sub>0</sub>	
✓ 13	4	Q <sub>2</sub>	
✓ 14	1	K <sub>0</sub>	
✓ 15	2	F <sub>8</sub>	
✓ 16	5	F <sub>2</sub>	
✓ 17	2	K <sub>0</sub>	
✓ 18	4	K <sub>2</sub>	
✓ 19	4	K <sub>2</sub>	
✓ 20	2	F <sub>5</sub>	
✓ 21	3	F <sub>5</sub>	
✓ 22	1	G <sub>5</sub>	
✓ 23	1	K <sub>0</sub>	
✓ 24	1	G <sub>5</sub>	
✓ 25	2	K <sub>0</sub>	
✓ 26	3	A <sub>3</sub>	Comp.?
✓ 27	1	G <sub>5</sub>	



1	+54°	1550	12	43.0	+54	46.5	9.0 ✓
2	+57°	1392	12	41.2	+57	47.1	8.5 ✓
3	+58°	1395	12	41.3	+58	16.0	8.4 ✓
4	+57°	1396	12	46.1	+57	25.5	8.8 ✓
5	+57°	1397	12	47.4	+57	13.1	8.9 ✓
6	+57°	1400	12	49.3	+57	53.5	8.7 ✓
7	+57°	1403	12	51.4	+57	21.1	8.8 ✓
8	+54°	1630	12	48.9	+55 <sup>6</sup>	22.4	8.9 ✓
9	+54°	1554	12	47.0	+54	23.8	8.4 ✓
10	+53°	1777 <sup>5</sup>	12	49.3	+53	31.8	7.5 ✓
11	+53°	1779 <sup>5</sup>	12	49.5	+53	52.4	9.0 ✓
12	+53°	1780 <sup>5</sup>	12	51.3	+53	10.4	8.8 ✓
13	+53°	1581	12	51.8	+53	20.1	8.3 ✓
14	+53°	1583	12	52.7	+53	47.1	9.0 ✓
15	+53°	1585	12	53.2	+53	40.4	8.8 ✓
16	+53°	1586	12	54.7	+53	19.3	7.0 ✓
17	+54°	1564	12	56.6	+54	43.5	8.5 ✓
18	+54°	1565	12	58.1	+54	43.6	7.5 ✓
19	+54°	1566	12	58.5	+54	37.9	7.5 ✓
20	+54°	1570	12	59.6	+54	12.8	8.6 ✓
21	+54°	1573	12 <sup>3</sup>	1.9	+54	20.1	8.2 ✓
22	+54°	1575	13	4.0	+54	23.8	8.7 ✓
23	+53°	1599	13	0.6	+53	42.7	8.8 ✓
24	+53°	1596	12	59.5	+53	15.3	8.5 ✓
25	+51°	1802	12	56.5	+51	48.3	7.4 ✓
26	+51°	1807	12	58.4	+51	58.2	7.8 ✓
27	+53°	1571	12	45.0	+53	18.9	9.1 ✓

Thursday, February 19, 1914

L 38328 long

No.	Int.	Class	Remark
✓ 28	1	K <sub>2</sub>	
✓ 29	3	K <sub>2</sub>	
✓ 30	2	G <sub>5</sub>	
✓ 31	2	K <sub>0</sub>	
✓ 32	1	G <sub>0</sub>	
✓ 33	6	K <sub>0</sub>	
✓ 34	1	G <sub>5</sub>	
✓ 35	1	K <sub>0</sub>	
✓ 36	2	F <sub>8</sub>	
✓ 37	2	K <sub>0</sub>	
✓ 38	2	G <sub>5</sub>	
✓ 39	4	K <sub>0</sub>	
✓ 40	2	K <sub>5</sub>	
✓ 41	1	K <sub>0</sub>	
✓ 42	2	G <sub>5</sub>	
✓ 43	1	K <sub>2</sub>	
✓ 44	1	G <sub>5</sub>	
✓ 45	1	G <sub>5</sub>	
✓ 46	2	G <sub>0</sub>	
✓ 47	2	K <sub>0</sub>	
✓ 48	2	G <sub>0</sub>	
✓ 49	1	G <sub>0</sub>	
10.54 ✓ 50	4	F <sub>2</sub>	

~~51~~

51 4

K<sub>2</sub>

52 1

G<sub>0</sub>

53 2

G<sub>0</sub>

52 + 0

117

24



28	+53°	1598	13	0.1	+53	1.1	8.3	✓
29	+52°	1676	13	1.5	+52	34.1	7.5	✓
30	+52°	1678	13	3.3	+52	56.0	8.1	✓
31	+52 <sup>1</sup> °	1818	13	3.1	+52 <sup>1</sup>	54.9	7.5	✓
32	+53°	1604	13	4.2	+53	12.1	8.6	✓
33	+52°	1685	13	6.6	+52	40.2	7.1	✓
34	+53°	1606	13	7.3	+53	38.3	8.9	✓
35	+53°	1607	13	8.4	+53	45.2	8.2	✓
36	+54°	1581	13	8.4	+54	35.1	8.5	✓
37	+55°	1585	13	8.5	+55	2.4	8.5	✓
38	+54°	1582	13	8.9	+54	53.8	8.2	✓
39	+55°	1587	13	9.7	+55	9.9	7.7	✓
40	+55°	1586	13	8.8	+55	14.2	8.0	✓
41	+55°	1570 <sup>1</sup>	12	<del>54.0</del> 53.4	+55	<del>0.4</del> 5.0	<del>8.3</del> 9.0	
42	+56°	1644	12 <sup>3</sup>	4.4	+56	44.1	9.0	✓
43	+56°	1645	13	5.7	+56	41.9	8.7	✓
44	+56°	1647	13	10.4	+56	34.7	9.0	✓
45	+55°	1584	13	7.6	+55	36.9	8.7 <sup>8</sup>	✓
46	+56°	1651	13	14.2	+56	35.4	8.7	✓
47	+54°	1588	13	14.9	+54	<del>37.2</del> 32	8.5	✓
48	+54°	1592	13	17.0	+54	28.3	8.4	✓
49	+53°	1615	13	14.0	+53	44.5	9.0	✓
50	+53°	1618	13	14.9	+53	28.2	8.0	✓

Identified on cards by Amc. April 19, 1914

Identified in book by JGM April 20, 1914

Identification compared cards + book by G. R. B.

✓ 51 +55 1556 12 43.6 +55 33 7.0 33 on ✓ 37668

✓ 52 +57 1411 12 55.6 +57 43.8 8.5 21 on ✓ 37588

10.17

Friday February 20, 1914

I 37531 long

No.	Int.	Class	Remark
✓ 1	1	G5	
✓ 2	1	K <sub>0</sub>	
✓ 3	2	K <sub>0</sub>	
✓ 4	2	K <sub>2</sub>	
✓ 5	1	G5	
✓ 6	2	G5	
✓ 7	1	G5	
✓ 8	1	G5	
✓ 9	1	K <sub>0</sub>	
✓ 10	1	G5	
✓ 11	7	A <sub>2</sub>	
✓ 12	1	F <sub>8</sub>	
✓ 13	1	G <sub>0</sub>	
✓ 14	2	G <sub>0</sub>	
✓ 15	7	K <sub>0</sub>	
✓ 16	4	F <sub>5</sub>	
✓ 17	2	K <sub>5</sub>	
✓ 18	1	K <sub>5</sub>	
✓ 19	1	G5	
✓ 20	1	K <sub>0</sub>	
✓ 21	1	G5	
✓ 22	1	G <sub>0</sub>	
✓ 23	3	F <sub>8</sub>	
✓ 24	1	Ma	
✓ 25	5	G5	
✓ 26	4	F <sub>5</sub>	
✓ 27	4	F <sub>2</sub>	



1	+26°	2282	11	52.7	+26	50.7	8.7	✓
2	+26°	2286	11	54.0	+26	30.9	8.4	✓
3	+28°	2069	11	53.6	+28	47.0	8.3	✓
4	+29°	2251	11	55.9	+29	55.9	8.0	✓
5	+29°	2247	11	54.9	+29	58.5	9.0	✓
6	+29°	2253	11	58.2	+29	5.7	8.3	✓
7	+28°	2077	11	58.7	+28	21.6	9.1	✓
8	+29°	2258	12	2.1	+29	0.7	8.8	✓
9	+28°	2082	12	1.0	+28	47.0	8.9	✓
10	+28°	2083	12	1.1	+28	58.8	9.0	✓
11	+28°	2084	12	3.4	+28	5.8	5.9	✓
12	+27°	2102	12	2.7	+27	51.6	8.9	✓
13	+26°	2314	12	3.7	+26	49.1	8.8	✓
14	+26°	2315	12	4.3	+26	31.5	8.6	✓
15	+26°	2316	12	4.5	+26	40.5	5.7	✓
16	+28°	2087	12	5.1	+28	10.3	7.8	✓
17	+29°	2267	12	5.7	+29	26.3	7.9	✓
18	+29°	2268	12	6.6	+29	6.1	8.5	✓
19	+29°	2269	12	7.5	+29	26.3	8.4	✓
20	+30°	2248	12	6.0	+30	4.0	8.9	✓
21	+29°	2272	12	8.9	+29	38.8	8.9	✓
22	+29°	2274	12	10.0	+29	32.1	8.5	✓
23	+28°	2095	12	8.7	+28	51.5	8.1	✓
24	+28°	2097	12	9.6	+28	32.6	8.2	✓
25	+27°	2105	12	7.0	+27	17.8	7.3	✓
26	+26°	2321	12	8.8	+26	33.9	7.1	✓
27	+26°	2323	12	10.5	+26	22.6	8.2	✓

Friday, February 20, 1914

I 37531 long

	No.	Int.	Class	Remark
	✓ 28	1	K <sub>0</sub>	
	✓ 29	1	K <sub>2</sub>	
	✓ 30	2	F <sub>5</sub>	
	✓ 31	1	G <sub>5</sub>	
	✓ 32	1	G <sub>6</sub>	
	✓ 33	6	G <sub>6</sub>	
10.25	✓ 34	1	K <sub>0</sub>	E. m.
	35			
	36			
	37			
	38			
	39			
	35	3	F <sub>8</sub>	
	36	2	G <sub>2</sub>	
	37	2	K <sub>5</sub>	
	38	1	G <sub>0</sub>	
	39	2	G <sub>0</sub>	
	40	9	F <sub>12</sub>	
	✓ 41	3	G <sub>0</sub>	
	✓ 42	1	G <sub>5</sub>	
	✓ 43	2	G <sub>0</sub>	
	✓ 44	2	G <sub>0</sub>	
	✓ 45	2	F <sub>8</sub>	
	✓ 46	1	K	
	✓ 47	1	G	
	48	7	A <sub>0</sub>	
	49	7	A <sub>2</sub>	
	50	3	K <sub>0</sub>	

cont. 129, 214



28	+26°	2299	11	58.5	+26	29.4	8.8	✓
29	+26°	2300	11	58.7	+26	34.3	8.1	✓
30	+25°	2468	12	2.7	+25	3.3	8.4	✓
31	+25°	2470	12	3.7	+25	7.3	8.5	✓
32	+26°	2313	12	3.0	+26	9.0	8.8	✓
33	+25 <sup>4</sup> °	2441	12	7.1	+25 <sup>4</sup>	28.7	7.5	✓
34	+23°	2431	12	4.6	+23	54.0	8.3	✓

Identified on cards by amc. April 19, 1914  
 Identified in book by glm. April 23, 1914.  
 Identification compared cards + book. by G.R.B.

✓	35	+29	2245	11	53.4	+30	0	7.7	46 on	✓38311
-	36	+31	2328	11	59.4	+31	4	8.5	33 on	✓37727
✓	37	+31	2329	12	0.4	+31	13	7.8	34 "	"
✓	38	+27	2092	11	58.2	+27	9	8.6	50 on	✓38311
✓	39	+27	2093	11	58.5	+27	16	8.5	38 "	"
✓	40	+29	2265	12	4.6	+29	21	6.7	38 on	✓37727
-	41	+31°	2307	11	45.4	+31	37	8.0	✓	
-	42	+31°	2306	11	45.2	+31	2	8.5	✓	
-	43	+30°	2267	11	50.8	+30	38	8.6	✓	
-	44	+32°	2191	11	41.2	+32	0	8.6	✓	
-	45	+31°	2296	11	39.0	+31	13	8.7	✓	
-	46	+31°	2298	11	39.4	+31	25	8.5	✓	
-	47	+31°	2302	11	40.8	+31	26	8.9	✓	
✓	48	+29	2206	11	37.2	+29	28	7.0	73 on	✓38311
	49	+29	2216						71	" "
	50	+30	2184						72	" "

10.25

Friday, February 20, 1914

I 22294 long

No.	Int.	Class	Remark.
✓ 1	2	G <sub>0</sub>	
✓ 2	3	K <sub>0</sub>	
✓ 3	9	K <sub>0</sub>	
✓ 4	4	F <sub>0</sub>	
✓ 5	1	K <sub>2</sub>	
✓ 6	10	G <sub>0</sub>	
✓ 7	1	G <sub>5</sub>	
✓ 8	8	F <sub>0</sub>	
✓ 9	2	F <sub>5</sub>	
✓ 10	1	K <sub>0</sub>	
✓ 11	1	G <sub>5</sub>	
✓ 12	2	K <sub>0</sub>	
✓ 13	3	F <sub>8</sub>	
✓ 14	10+	G <sub>0</sub>	
✓ 15	2	F <sub>5</sub>	
✓ 16	1	G <sub>0</sub>	
✓ 17	2	K <sub>2</sub>	
✓ 18	1	K <sub>2</sub>	
✓ 19	2	G <sub>0</sub>	
✓ 20	1	G <sub>5</sub>	
✓ 21	1	G <sub>5</sub>	Partly sup. on 20
✓ 22	8	F <sub>2</sub>	
✓ 23	8	K <sub>0</sub>	
✓ 24	5	G <sub>2</sub>	
✓ 25	1	G <sub>0</sub>	
✓ 26	1	G <sub>0</sub>	
✓ 27	2	K <sub>0</sub>	



1	+29°	2292	12	21.7	+29	41.4	8.5	✓
2	+28°	2116	12	20.3	+28	54.7	7.8	✓
3	+29°	2288	12	19.7	+29	4.9	4.7	✓
4	+28°	2118	12	20.6	+28	12.9	8.2	✓
5	+27°	2135	12	20.0	+27	51.4	8.3	✓
6	+27°	2134	12	19.7	+27	37.6	5.2	✓
7	+27°	2133	12	19.6	+27	37.9	8.7	✓
8	+28°	2115	12	19.2	+28	4.9	5.1	✓
9	+27°	2129	12	18.6	+27	34.5	8.7	✓
10	+26°	2351	12	19.5	+26	57.0	8.8	✓
11	+26°	2349	12	18.6	+26	45.8	9.1	✓
12	+26°	2350	12	18.7	+26	29.3	8.5	✓
13	+26°	2347	12	17.8	+26	19.4	8.9	✓
14	+26°	2344	12	17.0	+26	53.8	5.3	✓
15	+27°	2122	12	16.4	+27	48.0	8.6	✓
16	+27°	2120	12	16.2	+27	22.0	8.8	✓
17	+27°	2118	12	15.3	+27	24.2	7.8	✓
18	+27°	2119	12	15.4	+27	56.3	8.1	✓
19	+28°	2115 <sup>09</sup>	12	14.7	+28	6.3	8.5	✓
20	+27°	2116	12	14.4	+27	24.8	8.4 <sup>0</sup>	✓
21	+27°	2117	12	14.5	+27	19.4	9.1	✓
22	+27°	2115	12	13.4	+27	51.9 52	6.0	✓
23	+27°	2114	12	13.0	+27	25.2	5.0	✓
24	+28°	2100	12	10.9	+28	7.3	7.5	✓
25	+26°	2330	12	13.4	+26	33.6	8.7	✓
26	+26°	2331	12	13.6	+26	44.5	8.3	✓
27	+26°	2332	12	13.8	+26	31.5	8.2	✓

Friday, February 20, 1914

I 22294 long

No Int. Class Remark

✓ 28 2 G<sub>0</sub>✓ 29 1 G<sub>5</sub>✓ 30 2 F<sub>8</sub>✓ 31 1 K<sub>0</sub>✓ 32 1 F<sub>8</sub>✓ 33 2 G<sub>5</sub>✓ 34 2 G<sub>0</sub>✓ 35 2 K<sub>0</sub>✓ 36 3 Q<sub>3</sub>✓ 37 1 G<sub>5</sub>✓ 38 1 K<sub>0</sub>✓ 39 1 G<sub>5</sub>✓ 40 1 K<sub>2</sub>✓ 41 2 K<sub>0</sub>✓ 42 1 K<sub>0</sub>✓ 43 2 G<sub>5</sub>✓ 44 1 K<sub>0</sub>10.35 ✓ 45 1 K<sub>0</sub>

46

47

48

46 49 2 G<sub>0</sub>47 50 4 F<sub>5</sub>48 9 Q<sub>0</sub>49 8 Q<sub>5</sub>50 7 Q<sub>3</sub>51 6 Q<sub>2</sub>52 6 F<sub>5</sub>

cont. 134, 88.



28	+25°	2486	12	11.7	+25	39.1	8.4	✓
29	+25°	2488	12	12.2	+25	5.2	8.8	✓
30	+25°	2496	12	14.2	+25	18.7	8.5	✓
31	+24°	2452	12	16.8	+24	46.2	8.8	✓
32	+24°	2451	12	16.3	+24	13.6	8.7	✓
33	+23°	2458	12	17.8	+23	44.8	8.3	✓
34	+24°	2457	12	18.1	+24	2.2	8.8	✓
35	+24°	2458	12	18.4	+24	10.0	7.5	✓
36	+25°	2507	12	20.2	+25	27.6	8.0	✓
37	+25°	2510	12	21.0	+25	50.5	8.3	✓
38	+25°	2508	12	20.3	+25	2.0	8.6	✓
39	+23°	2466	12	23.2	+23	41.0	8.2	✓
40	+23°	2465	12	23.1	+23	12.9	8.3	✓
41	+24°	2445	12	11.6	+24	22.5	8.3	✓
42	+23°	2442	12	10.5	+23	39.1	8.8	✓
43	+25°	2482	12	10.5	+25	50.4	8.7	✓
44	+25°	2481	12	9.8	+25	25.9	8.5	✓
45	+26°	2340	12	15.8	+26	38.7	8.8	✓

Identified on Cards by AmC. Mar. 20, 1914

Identified in book by J.B.M. March 20, 1914

Identification compared cards + book by G.R.B.

✓	46	+23°	2447	12	11.3	+23	56	8.5	40 m 38402
✓	47	+26	2324						48 " "
✓	48	+29	2275						59 m 37727
✓	49	+26	2329						50 " 38402
✓	50	+26	2326						49 " "
✓	51	+29	2280						60 m 37727
✓	52	+28	2106						61 " "

10.50

Friday, February 20, 1914

I 37534 long

No.	Int.	Class	Remark
✓ 1	1	G5	
✓ 2	2	G5	
✓ 3	5	F2	Another star on preceding side
✓ 4	2	F5	
✓ 5	1	K2	
✓ 6	1	K0	
✓ 7	1	K0	
✓ 8	1	K0	
✓ 9	1	G5	
✓ 10	2	Ma	
✓ 11	1	G5	
✓ 12	1	F8	
✓ 13	3	G0	
✓ 14	7	A3	
✓ 15	8	F0	
✓ 16	2	K0	
✓ 17	1	K0	
✓ 18	2	K0	
✓ 19	1	K0	
✓ 20	6	F5	
✓ 21	4	F8	
✓ 22	7	A5	
✓ 23	4	K0	
✓ 24	10	A3	
✓ 25	3	G0	
✓ 26	1	K0	
✓ 27	1	F8	



1	+51°	1824	13	9.3	+51	35.5	8.0	✓
2	+51°	1826	13	10.4	+51	20.6	8.3	✓
3	+51°	1829	13	11.9	+51	12.7	7.8	✓
4	+50°	1990	13	10.7	+50	27.1	8.2	✓
5	+50°	1992	13	11.4	+50	32.4	7.7	✓
6	+48°	2108	13	13.5	+48	32.6	8.5	✓
7	+51°	1830	13	13.7	+51	12.3	8.5	✓
8	+51°	1832	13	14.3	+51	11.8	8.7	✓
9	+52°	1691	13	12.1	+52	15.7	8.4	✓
10	+52°	1698	13	17.0	+52	23.8	7.7	✓
11	+51°	1838	13	17.4	+51	50.0	9.0	✓
12	+51°	1837	13	17.2	+51	9.8	8.6	✓
13	+51°	1839	13	18.7	+51	54.2	8.7	✓
14	+51°	1846	13	22.3	+51	19.7	7.5	✓
15	+51°	1847	13	22.8	+51	28.5	6.7	✓
16	+50°	2006	13	23.7	+50	56.4	8.5	✓
17	+50°	200 <sup>2</sup> <del>1</del>	13	22.2 <sup>2</sup> <del>20.1</del>	+50	7.8 <sup>2</sup> <del>7.8</del>	9.5 <sup>0</sup>	✓
18	+48°	2117	13	21.1	+48	44.0	8.3	✓ +48° 2118 super 9.1
19	+48°	2119	13	21.6	+48	31.6	8.0	✓
20	+48°	2122	13	22.9	+48	35.6	6.8	✓
21	+47°	2062	13	23.1	+47	8.3	7.8	✓
22	+47°	2066	13	25.8	+47	59.8	7.2	✓
23	+48°	2127	13	27.2	+48	30.1	7.8	✓
24	+49°	2227	13	28.5	+49	45.8	4.8	✓
25	+49°	2223	13	26.9	+49	52.8	7.7	✓
26	+50°	2012	13	29.7	+50	23.9	8.4	✓
27	+50°	2013	13	30.2	+50	12.7	8.9	✓

Friday, February 20, 1914

I 37534 long

No.	Int.	Class	Remark
✓ 28	5	K <sub>0</sub>	
✓ 29	5	F <sub>0</sub>	
✓ 30	1	K <sub>0</sub>	
✓ 31	2	G <sub>0</sub>	
✓ 32	2	K <sub>0</sub>	
✓ 33	4	F <sub>8</sub>	
✓ 34	2	G <sub>0</sub>	
✓ 35	4	K <sub>0</sub>	
✓ 36	3	ma	
✓ 37	5	F <sub>0</sub>	
✓ 38	2	K <sub>0</sub>	
✓ 39	2	ma	
✓ 40	5	F <sub>0</sub>	
✓ 41	10+	B <sub>8</sub>	Classified from trail.
✓ 42	2	G <sub>5</sub>	
✓ 43	4	G <sub>5</sub>	
✓ 44	1	K <sub>2</sub>	
✓ 45	3	K <sub>0</sub>	
✓ 46	6	F <sub>8</sub>	
✓ 47	1	G <sub>0</sub>	
✓ 48	2	G <sub>5</sub>	
✓ 49	4	K <sub>0</sub>	
✓ 50	3	K <sub>0</sub>	
✓ 51	1	K <sub>0</sub>	
✓ 52	1	F <sub>5</sub>	
✓ 53	2	F <sub>8</sub>	
✓ 54	1	K <sub>0</sub>	



28	+50°	2014	13	30.7	<sup>+50</sup> +28	13.7	6.5	✓
29	+48°	2141	13	33.3	+48	39.0	7.7	✓
30	+48°	2137	13	31.9	+48	47.0	8.6	✓
31	+48°	2145	13	34.5	+48	12.4	8.1	✓
32	+48°	2147	13	35.9	+48	10.2	7.7	✓
33	+47°	2077	13	34.6	+47	0.0	7.2	✓
34	+46°	1891	13	35.8	+46	57.0	8.4	✓
35	+46°	1895	13	37.4	+46	15.1	6.5	✓
36	+46°	1873	13	24.0	+46	28.1	7.2	✓
37	+46°	1880	13	27.7	+46	19.7	7.3	✓
38	+48°	2151	13	40.4	+48	47.1	8.3	✓
39	+48°	2152	13	41.3	+48	27.6	7.8	✓
40	+49°	2245	13	42.8	+49	4.6	7.5	✓
41	+50°	2027	13	41.8	+50	3.1	2.0	✓
42	+50°	2029	13	43.5	+50	8.4	8.1	✓
43	+50°	2028	13	42.3	+50	57.2	7.5	✓
44	+50°	2022	13	37.4	+50	18.2	7.7	✓
45	+50°	2021	13	37.2	+50	46.0	7.5	✓
46	+51°	1859	13	34.6	+51	15.7	7.0	✓
47	+51°	1860	13	34.9	+51	33.0	8.7	✓
48	+51°	1858	13	32.3	+51	42.0	8.0	✓
49	+51°	1856	13	31.9	+51	26.6	6.5	✓
50	+52°	1718	13	30.8	+52	1.1	7.3	✓
51	+51°	1852	13	28.0	+51	41.5	8.1	✓
52	+51°	1851	13	27.6	+51	53.5	8.3	✓
53	+52°	1715	13	28.5	+52	40.9	8.5	✓
54	+52°	1711	13	26.8	+52	46.8	8.3	✓

Friday, February 20, 1914

I 37534 long

	No.	Int	Class	Remark
	✓	55	8	F <sub>0</sub>
	✓	56	1	K <sub>0</sub>
	✓	57	4	K <sub>0</sub>
	✓	58	2	G <sub>5</sub> E
10.59	✓	59	1	G <sub>5</sub> E
11.03	✓	60	2	K <sub>0</sub>
	✓	61	3	K <sub>0</sub>
	✓	62	2	K <sub>0</sub>
	✓	63	1	K
	✓	64	3	F <sub>5</sub>
	✓	65	3	K <sub>5</sub>
	✓	66	4	K <sub>5</sub>
	✓	67	5	K <sub>2</sub>
	✓	68	9	A <sub>0</sub>
	✓	69	5	A <sub>3</sub>
	✓	70	3	K <sub>2</sub>
	✓	71	5	K <sub>0</sub>
11.05	✓	72	9	A <sub>0</sub>
		73		
		74		
		73	2	G <sub>0</sub>
		74	1	K <sub>0</sub>
		75	7	K <sub>0</sub>



55	+53°	1622	13	22.2	+53	29.8	6.3	✓
56	+52°	1706	13	22.5	+52	38.0	8.7	✓
57	+53°	1624	13	23.5	+53	57.0	7.8	✓
58	+54°	1595	13	19.1	+54	4.7	8.5	✓
59	+53°	1608	13	9.1	+53	2.9	8.3	✓
60	+54°	1606	13	26.8	+54	42.5	7.5	✓
61	+54°	1609	13	28.4	+54	28.6	8.1	✓
62	+54°	1604	13	25.5	+54	4.6	8.7	✓
63	+53°	1628	13	25.5	+53	54.4	8.7	✓
64	+53°	1634	13	30.0	+53	27.2	8.3	✓
65	+53°	1635	13	30.9	+53	25.9	7.2	✓
66	+53°	1637	13	31.5	+53	19.1	7.0	✓
67	+52°	1725	13	33.5	+52	32.1	6.8	✓
68	+53°	1640	13	33.9	+53	38.8	5.8	✓
69	+53°	1642	13	34.6	+53	51.3	7.6	✓
70	+53°	1644	13	34.8	+53	55.7	7.1	✓ +53° 1643 super. 9.1
71	+53°	1646	13	35.1	+53	30.5	7.1	✓
72	+52°	1733	13	38.3	+52	46.3	6.2	✓
Identified on cards by Amc. Mar. 21, 1914								
Identified in book by J.C.M. March 24, 1914								
Identification compared cards + book, by G.R.B.								
✓ 73	+46	1885	13	28.7	+46	11	8.3	32m J38440
✓ 74	+46	1882	13	28.0	+46	44	8.1	33 " "
✓ 75	+46	1868						103 m J37639

11.10

Friday, February 20, 1914

I 38324 long

No.	Int.	Class	Remark
✓ 1	1	No	
✓ 2	2	No	
✓ 3	1	Go	
✓ 4	1	Go	
✓ 5	3	Go	
✓ 6	3	No	
✓ 7	9	Ma	
✓ 8	3	K <sub>2</sub>	
✓ 9	3	A <sub>0</sub>	
✓ 10	2	F <sub>8</sub>	
✓ 11	2	Go	
✓ 12	10	B <sub>9</sub>	
✓ 13	1	No	
✓ 14	3	Ma	
✓ 15	3	Go	
✓ 16	1	Go	
✓ 17	1	No	
✓ 18	3	F <sub>8</sub>	
✓ 19	1	Go	
✓ 20	1	No	
✓ 21	1	K <sub>2</sub>	
✓ 22	7	F <sub>5</sub>	
✓ 23	1	Go	
✓ 24	3	Go	
✓ 25	10	A <sub>0</sub>	
✓ 26	5	No	
✓ 27	4	Ma	



1	+53°	1631	13	26.9	+53	40.5	8.8	✓
2	+54°	1608	13	27.9	+54	6.7	8.5	✓
3	+54°	1610	13	28.9	+54	55.9	9.2	✓
4	+55°	1619	13	30.0	+55	4.5	9.0	✓
5	+55°	1623	13	32.3	+55	0.8	9.0	✓
6	+54°	1614	13	35.4	+54	47.5	8.5	✓
7	+55°	1625	13	35.3	+55	24.1	5.5	✓
8	+55°	1630	13	38.6	+55	13.7	8.5	✓
9	+54°	1618	13	37.8	+54	28.4	8.6	✓
10	+54°	1620	13	38.7	+54	22.8	8.5	✓
11	+54°	1619	13	38.6	+54	34.6	8.8	✓
12	+55°	1634	13	41.2	+55	9.5	6.5	✓
13	+55°	1636	13	44.2	+55	4.1	8.6	✓
14	+55°	1637	13	44.7	+55	35.0	8.0	✓
15	+53°	1658	13	43.2	+53	57.9	8.5	✓
16	+53°	1654	13	40.4	+53	34.1	9.2	✓
17	+53°	1649	13	36.3	+53	9.6	8.9	✓
18	+52°	1739	13	40.8	+52	42.9	8.6	✓
19	+53°	1657	13	42.6	+53	3.7	8.8	✓
20	+53°	1660	13	43.6	+53	22.6	9.0	✓
21	+53°	1662	13	44.3	+53	2.4	8.7	✓
22	+53°	1663	13	45.6	+53	59.9	7.5	✓
23	+54°	1625	13	45.4	+54	16.7	8.5	✓
24	+54°	1628	13	47.5	+54	27.3	8.3	✓
25	+54°	1630	13	48.5	+54	26.3	6.0	✓
26	+53°	1664	13	46.4	+53	33.4	7.2	✓
27	+53°	1667	13	47.9	+53	2.3	6.3	✓

Friday February 20, 1914

T 38324 long

No.	Int.	Class	Remark
✓ 28	5	F <sub>5</sub>	
✓ 29	2	F <sub>2</sub>	
✓ 30	2	F <sub>8</sub>	
✓ 31	3	G <sub>5</sub>	
✓ 32	4	F <sub>5</sub>	
✓ 33	2	K <sub>2</sub>	
✓ 34	1	K <sub>0</sub>	
✓ 35	8	G <sub>2</sub>	
✓ 36	5	G <sub>0</sub>	
✓ 37	8	G <sub>0</sub>	
✓ 38	1	K <sub>2</sub>	
✓ 39	4	K <sub>5</sub>	
✓ 40	2	G <sub>0</sub>	
✓ 41	3	G <sub>0</sub>	
✓ 42	2	F <sub>8</sub>	
✓ 43	4	G <sub>5</sub>	
✓ 44	1	G <sub>5</sub>	
✓ 45	2	K <sub>0</sub>	
✓ 46	5.2	F <sub>2</sub>	
✓ 47	2	F <sub>8</sub>	
✓ 48	7	K <sub>0</sub>	
✓ 49	4	K <sub>0</sub>	
✓ 50	3	F <sub>2</sub>	
✓ 51	2	K <sub>0</sub>	
✓ 52	10	G <sub>0</sub>	
✓ 53	2	K <sub>0</sub>	
✓ 54	2	G <sub>0</sub>	



28	+52°	1751	13	<sup>48.1</sup> <del>49.7</del>	+52	49.7	7.2	✓
29	+51°	1874	13	46.4	+51	51.9	7.9	✓
30	+51°	1881	13	50.0	+51	55.8	8.0	✓
31	+52°	1757	13	52.2	+52	42.1	8.4	✓
32	+52°	1760	13	54.3	+52	51.9	7.8	✓
33	+53°	1678	13	54.6	+53	9.8	8.0	✓
34	+53°	1679	13	54.8	+53	38.1	8.8	✓
35	+53°	1676	13	53.6	+53	48.1	7.3	✓
36	+54°	1636	13	53.3	+54	17.0	7.7	✓
37	+54°	1633	13	52.4	+54	37.6	6.8	✓
38	+54°	1633 <sup>2</sup>	13	<sup>51.6</sup> <del>52.4</del>	+54	<sup>36.6</sup> <del>37.6</del>	<sup>7.3</sup> <del>6.8</del>	✓
39	+55°	1646	13	51.8	+55	17.8	7.0	✓
40	+54°	1637	13	54.1	+54	50.3	9.0	✓
41	+54°	1640	13	55.3	+54	27.3	8.7	✓
42	+55°	1649	13	56.2	+55	3.5	8.5	✓
43	+55°	1650	13	57.7	+55	21.9	7.8	✓
44	+55°	1653	13	58.6	+55	43.8	9.0	✓
45	+55°	1658	13 <sup>4</sup>	0.0	+55	56.1	8.7	✓
46	+56°	1708	14	1.3	+56	6.9	8.0	✓
47	+54°	1647	14	1.7	+54	31.9	8.7	✓
48	+53°	1686	13 <sup>4</sup>	1.5	+53	59.9	7.0	✓
49	+53°	1685	13	59.2	+53	6.7	7.7	✓
50	+53°	1689	14	2.2	+53	26.9	8.0	✓
51	+52°	1775	14	1.8	+52	54.0	8.0	✓
52	+51°	1889	13	57.6	+51	40.8	6.0	✓
53	+52°	1776	14	3.2	+52	16.8	8.3	✓
54	+51°	1892	13 <sup>4</sup>	3.5	+51	18.9	8.3	✓

Friday, February 20, 1914

38324 long

No	Int.	Class	Remark
✓ 55	5	Q <sub>0</sub>	
✓ 56	3	F <sub>8</sub>	
✓ 57	10+	F <sub>0</sub>	
✓ 58	7	Q <sub>2</sub>	
✓ 59	10+	Q <sub>5</sub>	
✓ 60	8	Q <sub>0</sub>	
✓ 61	1	K <sub>2</sub>	
✓ 62	2	K <sub>0</sub>	
63	2	G <sub>5</sub>	
✓ 64	4	F <sub>5</sub>	
✓ 65	3	G <sub>5</sub>	
✓ 66	2	K <sub>2</sub>	
✓ 67	7	Ma	
✓ 68	3	K <sub>0</sub>	
✓ 69	1	G <sub>5</sub>	
✓ 70	1	G <sub>0</sub>	
✓ 71	1	G <sub>5</sub>	
✓ 72	2	K <sub>2</sub>	
✓ 73	2	F <sub>5</sub>	
✓ 74	4	F <sub>8</sub>	
✓ 75	1	F <sub>8</sub>	
✓ 76	6	F <sub>5</sub>	
✓ 77	1	K <sub>5</sub>	
✓ 78	3	K <sub>2</sub>	
✓ 79	1	K <sub>0</sub>	
✓ 80	6	K <sub>0</sub>	
✓ 81	1	K <sub>0</sub>	



55	+51°	1899	14	7.7	+51	24.3	7.5	✓
56	+51°	1900	14	8.4	+51	58.3	8.3	✓
57	+52°	1782	14	8.3	+52	27.3	4.5	✓
58	+53°	1699	14	10.2	+53	12.3	7.0	✓
59	+52°	1784	14	11.1	+52	2.3	4.5	✓ +52° 1785 <i>supra</i> 8.5
60	+51°	1908	14	12.2	+51	58.8	6.8	✓
61	+51°	1902	14	10.0	+51	44.9	8.3	✓
62	+51°	1904	14	10.5	+51	40.3	8.2	✓
63	+51°	1907	14	11.9	+51	40.3	8.5	✓
64	+51°	1903	14	10.2	+51	7.4	7.5	✓
65	+50°	2058	14	10.9	+50	51.0	7.5	✓
66	+51°	1906	14	11.1	+51	11.9	8.0	✓
67	+50°	2047	14	2.9	+50	9.4	5.5	✓
68	+52°	1777	14	4.8	+52	54.9	7.7	✓
69	+52°	1778	14	5.0	+52	47.0	8.5	✓
70	+53°	1693	14	6.3	+53	25.5	8.8	✓
71	+53°	1697	14	7.8	+53	23.5	8.8	✓
72	+54°	1652	14	5.5	+54	3.7	8.0	✓
73	+54°	1650	14	4.5	+54	34.7	8.8	✓
74	+55°	1664	14	6.3	+55	5.6	8.0	✓
75	+54°	1653	14	7.1	+54	54.6	8.5	✓
76	+55°	1667	14	9.1	+55	19.2	7.5	✓
77	+54°	1655	14	7.2	+54	33.0	8.3	✓
78	+56°	1718	14	8.2	+56	0.9	8.0	✓
79	+56°	1719	14	8.8	+56	1.9	8.5	✓
80	+55°	1669	14	11.7	+55	58.0	7.8	✓
81	+56°	1724	14	12.3	+56	24.7	8.7	✓

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I 38324 long

No.	Int.	Class	Remark
✓ 82	9	Q <sub>2</sub>	
✓ 83	9	Q <sub>3</sub>	
✓ 84	5	Q <sub>5</sub>	
✓ 85	1	Q <sub>5</sub>	
✓ 86	5	Q <sub>5</sub>	
✓ 87	3	K <sub>5</sub>	
✓ 88	4	Q <sub>0</sub>	
✓ 89	2	K <sub>0</sub>	
✓ 90	2	K <sub>0</sub>	Σ.
✓ 91	2	K <sub>0</sub>	Σ.
✓ 92	1	K <sub>0</sub>	Σ.
✓ 93	4	Q <sub>0</sub>	
✓ 94	3	F <sub>2</sub>	
✓ 95	6	Q <sub>0</sub>	
✓ 96	10+	Q <sub>0</sub>	
✓ 97	1	K <sub>0</sub>	
✓ 98	2	F <sub>5</sub>	
✓ 99	9	Q <sub>2</sub>	
✓ 100	3	K <sub>0</sub>	
✓ 101	5	K <sub>0</sub>	
✓ 102	3	K <sub>2</sub>	
✓ 103	7	F <sub>5</sub>	
✓ 104	1	K <sub>0</sub>	
✓ 105	1	K <sub>0</sub>	
✓ 106	3	<del>F<sub>8</sub></del>	
✓ 107	3	F <sub>5</sub>	
11.23 ✓ 108	2	K <sub>0</sub>	



82	+56°	1725	14	13.0	+56	5.6	7.3	✓
83	+55°	1678	14	14.1	+55	32.6	6.5	✓
84	+55°	1672	14	12.2	+55	12.5	7.0	✓
85	+53 <sup>4</sup> °	1658	14	10.9	+54	7.7	8.8	✓
86	+53°	1704	14	11.7	+53	56.4	7.5	✓
87	+54°	1661	14	13.7	+54	36.3	8.0	✓
88	+54°	1666	14	16.6	+54	33.5	8.0	✓
89	+54°	1679	14	20.8	+54	22.2	8.5	✓
90	+54°	1681	14	22.5	+54	34.9	8.5	✓
91	+55°	1685	14	23.5	+55	23.7	8.5	✓
92	+55°	1686	14	24.1	+55	9.6	8.8	✓
93	+56°	1729	14	17.9	+56	31.5	8.0	✓
94	+56°	1731	14	19.2	+56	14.3	8.5	✓
95	+56°	1737	14	22.3	+56	41.1	8.0	✓
96	+56°	1667	13	28.6	+56	5.5	6.0	✓
97	+57°	1450	13	31.5	+57	8.1	8.3	✓
98	+57°	1454	13	32.5	+57	11.0	8.3	✓
99	+57°	1456	13	35.1	+57	56.1	6.1	✓
100	+57°	1459	13	35.9	+57	27.6	8.5	✓
101	+56°	1677	13	37.1	+56	26.7	7.0	✓
102	+56°	1682	13	38.7	+56	21.5	8.0	✓
103	+56°	1683	13	39.9	+56	37.7	7.0	✓
104	+56°	1690	13	45.8	+56	23.6	8.8	✓
105	+57°	1467	13	46.3	+57	31.5	8.9	✓
106	+56°	1700	13	54.5	+56	31.2	8.5	✓
107	+56°	1702	13	55.9	+56	7.9	8.3	✓
108	+57°	1477	13	56.9	+57	0.1	8.4	✓

10.09

Saturday, February 21, 1914

I 38324 long

G.F.M. Rec.	Height	Class	Remarks
✓ 109	5	F <sub>2</sub>	
✓ 110	1	F <sub>8</sub>	
✓ 111	6	H <sub>0</sub>	
✓ 112	2	F <sub>8</sub>	
✓ 113	1	F <sub>5</sub>	
✓ 114	2	F <sub>5</sub>	
✓ 115	1	H <sub>0</sub>	
✓ 116	1	F <sub>8</sub>	
✓ 117	1	F <sub>8</sub>	
✓ 118	1	G <sub>5</sub>	Another star up?
✓ 119	8	F <sub>8</sub>	
✓ 120	8	F <sub>0</sub>	
✓ 121	4	G <sub>5</sub>	
✓ 122	3	G <sub>0</sub>	
✓ 123	2	F <sub>5</sub>	
✓ 124	7	H <sub>2</sub>	
✓ 125	8	H <sub>0</sub>	
✓ 126	5	G <sub>5</sub>	
✓ 127	2	F <sub>8</sub>	
✓ 128	9	G <sub>0</sub>	
✓ 129	1	F <sub>8</sub>	
✓ 130	2	H <sub>0</sub>	
✓ 131	4	H <sub>0</sub>	E.
✓ 132	1	H <sub>5</sub>	
✓ 133	2	G <sub>5</sub>	E.
✓ 134	2	H <sub>0</sub>	E.
✓ 135	2	G <sub>5</sub>	E.



109	+57°	1478	<sup>3</sup> 14	57.1	+57	55.5	7.6	✓
110	+57°	1483	<sup>3</sup> 14	58.8	+57	8.0	8.7	✓
111	+57°	1487	14	0.4	+57	11.9	7.0	✓
112	+57°	1490	14	2.5	+57	24.1	8.5	✓
113	+56°	1712	14	4.6	+56	46.8	8.7	✓
114	+57°	1492	14	5.6	+57	27.6	8.5	✓
115	+56°	1720	14	9.0	+56	59.1	7.8	✓
116	+56°	1722	14	9.9	+56	46.4	9.0	✓
117	+56°	1717	14	8.0	+56	14.7	8.9	✓
118	+57°	1496	14	11.0	+57	20.7	9.0	✓
119	+57°	1498	14	11.3	+57	21.7	6.5	✓
120	+57°	1499	14	11.5	+57	21.6	6.5	✓
121	+57°	1503 <sup>5</sup>	14	<sup>2</sup> 16.8	+57	<del>50.9</del> <del>35.0</del>	<del>7.8</del> <del>8.3</del>	
122	+58°	1491	<sup>4</sup> 13	11.9	+58	45.1	7.8	✓
123	+59	1570	14	11.8	+59	4.2	8.4	✓
124	+59°	1562	14	6.4	+59	13.1	6.5	✓
125	+60°	1516	14	4.3	+60	0.8	6.0	✓
126	+59°	1557	14	0.3	+59	32.9	7.3	✓
127	+59°	1547	13	54.5	+59	46.5	8.5	✓
128	+59°	1533	13	45.5	+59	14.6	6.5	✓
129	+58°	1466	13	39.8	+58	36.8	8.5	✓
130	+57°	1473	13	54.3	+57	11.5	8.1	✓
131	+49°	2253	13	50.8	+49	43.1	7.0	✓
132	+49°	2256	13	53.2	+49	57.1	7.9	✓
133	+50°	2039	13	55.4	+50	10.9	8.0	✓
134	+50°	2041	13	55.8	+50	50.5	8.4	✓
135	+50°	2054	14	5.7	+50	56.0	8.5	✓

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I 38324 long

	No	Int.	Class	Remark
10.16	✓ 136	1	78	E.
	137			

131	1	Go
132	8	Az



~~+36~~

136 +50° 2048 14 3.5 +50 2.5 8.6 ✓

Identified on cards April 1, 1914 by amc.

Identified in book by J. G. M. April 11, 1914

Identification compared cards &amp; book, by G. R. B.

✓ 131 +53° 1715 14 22.7 +53 15 8.7 6.1 on 37573

✓ 132 +52 1788 14 13.5 +52 13 7.3 6.7 " "

10.20

Saturday, February 21, 1914

I 38406 long

9.7.11. Rec. No. Int. Class Remark

✓ 1	6	K <sub>0</sub>	
✓ 2	2	K <sub>0</sub>	
✓ 3	9	Q <sub>3</sub>	
✓ 4	5	K <sub>2</sub>	
✓ 5	4	K <sub>2</sub>	
✓ 6	4	Q <sub>5</sub>	
✓ 7	8	F <sub>0</sub>	
✓ 8	5	Q <sub>2</sub>	
✓ 9	8	Q <sub>0</sub>	
✓ 10	2	F <sub>1</sub>	
✓ 11	1	Q <sub>2</sub>	
✓ 12	4	K <sub>5</sub>	
✓ 13	1	K <sub>2</sub>	
✓ 14	1	G <sub>5</sub>	
✓ 15	5	G <sub>0</sub>	
✓ 16	1	K <sub>2</sub>	
✓ 17	4	G <sub>5</sub>	
✓ 18	1	K <sub>5</sub>	
✓ 19	3	K <sub>0</sub>	
✓ 20	10	mb	
✓ 21	3	K <sub>2</sub>	
✓ 22	4	K <sub>0</sub>	
✓ 23	2	G <sub>0</sub>	
✓ 24	2	G <sub>5</sub>	
✓ 25	5	K <sub>2</sub>	
✓ 26	1	G <sub>0</sub>	
✓ 27	1	G <sub>0</sub>	E.



1	+42°	2431	13	36.3	+42	24.3	6.0	✓
2	+41°	2423	13	39.9	+41	46.5	7.8	✓
3	+41°	2424	13	40.1	+41	48.9	5.7	✓
4	+42°	2440	13	42.0	+42	46.1	6.5	✓
5	+43°	2357	13	42.6	+43	4.0	7.0	✓
6	+43°	2354	13	41.4	+43	31.6	7.8	✓
7	+43°	2359	13	44.1	+43	16.3	6.8	✓
8	+42°	2444	13	44.8	+42	53.0	7.2	✓
9	+42°	2449	13	47.3	+42	53.7	6.7	✓
10	+42°	2450	13	48.1	+42	15.4	8.0	✓
11	+41°	2433	13	46.7	+41	1.7	8.6	✓
12	+41°	2434	13	47.0	+41	3.7	6.7	✓
13	+41°	2435	13	47.1	+41	26.1	8.2	✓
14	+44°	2308	13	47.0	+44	0.1	8.0	✓
15	+44°	2312	13	51.0	+44	59.3	6.8	✓
16	+44°	2317	13	55.0	+44	30.1	8.3	✓
17	+44°	2319	13	56.3	+44	15.5	7.3	✓
18	+44°	2320	13	56.6	+44	41.4	8.0	✓
19	+45°	2154	13	59.8	+45	2.3	7.3	✓
20	+44°	2325	13 <sup>4</sup>	2.1	+44	32.4	5.3	✓
21	+44°	2327	14	3.3	+44	25.8	8.1	✓
22	+42°	2455	13 <sup>3</sup>	53.8	+42	46.1	7.7	✓
23	+41°	2452	13	55.3	+41	59.6	8.0	✓
24	+42°	2461	13	56.4	+42	3.8	7.8	✓
25	+41°	2454	13	55.8	+41	9.6	6.5	✓
26	+41°	2450	13	54.6	+41	14.6	8.0	✓
27	+40°	2723	13	57.1	+40	47.8	8.0	✓

Saturday, February 21, 1914

I 38406 long

No.	Int.	<del>Class</del> Int.	Remark
✓ 28	2	F <sub>8</sub>	
✓ 29	5	K <sub>0</sub>	
✓ 30	4	Q <sub>2</sub>	
✓ 31	9	K <sub>0</sub>	
✓ 32	1	K <sub>5</sub>	
✓ 33	2	K <sub>2</sub>	
✓ 34	8	K <sub>2</sub>	
✓ 35	4	K <sub>2</sub>	
✓ 36	3	K <sub>0</sub>	Σ.
✓ 37	8	F <sub>2</sub>	Σ.
✓ 38	4	F <sub>5</sub>	Σ.
✓ 39	4	K <sub>0</sub>	Σ.
✓ 40	2	K <sub>2</sub>	Σ.
✓ 41	2	K <sub>2</sub>	
✓ 42	6	F <sub>2</sub>	
✓ 43	5	Q <sub>0</sub>	Σ.
✓ 44	2	Q <sub>5</sub>	
✓ 45	6	K <sub>0</sub>	
✓ 46	4	Q <sub>3</sub>	
✓ 47	2	F <sub>8</sub>	
✓ 48	3	F <sub>5</sub>	
✓ 49	2	Q <sub>5</sub>	
✓ 50	7	F <sub>2</sub>	
✓ 51	3	K <sub>0</sub>	
✓ 52	3	K <sub>2</sub>	
✓ 53	5	Ma	Σ.
✓ 54	5	Q <sub>0</sub>	Σ.



28	+43°	2377	13	59.8	+43	4.0	7.8	✓
29	+42°	2465	14	1.4	+42	47.7	7.0	✓
30	+42°	2468	14	5.0	+42	51.7	7.8	✓
31	+43°	2391	14	5.8	+43	2.0	6.9	✓
32	+43°	2392	14	6.3	+43	6.3	8.0	✓
33	+41°	2476	14	7.9	+41	51.4	7.5	✓
34	+42°	2472	14	8.5	+42	12.8	6.1	✓
35	+41°	2471	14	4.1	+41	28.4	7.0	✓
36	+40°	2758	14	9.6	+40	21.2	7.3	✓
37	+40°	2760	14	10.5	+40	25.1	6.3	✓
38	+40°	2762	14	12.1	+40	34.7	7.2	✓
39	+42°	2481	14	13.2	+42	40.1	7.0	✓
40	+44°	2342	14	11.5	+44	13.9	8.0	✓
41	+45°	2165	14	9.3	+45	1.8	8.0	✓
42	+45°	<sup>4</sup> 2336 <del>2158</del>	14	<sup>5</sup> 6.2	<sup>4</sup> +45	52.3	7.8 <del>9.2</del>	✓
43	+47°	2077	13	34.6	+47	0.0	7.2	✓
44	+46°	1891	13	35.8	+46	57.0	8.4	✓
45	+46°	1895	13	37.4	+46	15.1	6.5	✓
46	+48°	2141	13	33.3	+48	39.0	7.7	✓
47	+47°	2091	13	41.2	+47	14.7	8.3	✓
48	+45°	2131	13	42.6	+45	53.6	8.3	✓
49	+46°	1906	13	45.0	+46	13.8	8.5	✓
50	+48°	2159	13	48.2	+48	34.9	7.0	✓
51	+49°	2251	13	50.6	+49	3.8	7.7	✓
52	+49°	2259	13	53.9	+49	15.2	7.4	✓
53	+47°	2108	13	53.0	+47	19.0	7.0	✓
54	+46°	1923	13	56.4	+46	41.4	8.0	✓

Saturday, February 21, 1914

I 38406 long

No.	Int.	Class	Remark
✓ 55	8	K <sub>5</sub>	
✓ 56	1	K <sub>5</sub>	
✓ 57	1	F <sub>5</sub>	
✓ 58	1	F <sub>0</sub>	
✓ 59	2	F <sub>8</sub>	
✓ 60	1	F <sub>8</sub>	
✓ 61	1	G <sub>0</sub>	
✓ 62	1	G <sub>5</sub>	
✓ 63	8	F <sub>2</sub>	
✓ 64	3	K <sub>5</sub>	
✓ 65	3	F <sub>8</sub>	
✓ 66	1	F <sub>5</sub>	
✓ 67	10+	A	Burned out.
✓ 68	1	K <sub>0</sub>	
✓ 69	5	K <sub>0</sub>	
✓ 70	1	F <sub>8</sub>	
✓ 71	2	F <sub>5</sub>	
✓ 72	9	F <sub>0</sub>	
✓ 73	5	A <sub>5</sub>	
✓ 74	1.5	K <sub>0</sub>	
10.32 ✓ 75	1	F <sub>8</sub>	
76	1		
77			
78			
76	7	Ma	
77	3	K <sub>0</sub>	

10.32



55 + 46°	1922	13	56.4 + 46	27.5	6.0	✓
56 + 46°	1924	13	58.7 + 46	59.6	8.0	✓
57 + 47°	2113	13	58.4 + 47	16.0	8.4	✓
58 + 47°	2115	13	59.6 + 47	16.6	7.7	✓
59 + 47°	2118	13 <sup>4</sup>	1.6 + 47	31.8	7.7	✓
60 + 46°	1934	14	2.3 + 46	36.8	8.2	✓
61 + 46°	1935	14	3.3 + 46	49.6	8.6	✓
62 + 47°	2121	14	3.4 + 47	55.3	8.4	✓
63 + 48°	2177	14	2.4 + 48	53.9	6.7	✓
64 + 49°	2269	14	0.8 + 49	33.1	7.5	✓
65 + 47°	2125	14	9.7 + 47	38.9	8.2	✓
66 + 46°	1944	14	8.3 + 46	59.7	6.8	✓
67 + 46°	1949	14	10.9 + 46	45.7	4.0	✓
68 + 46°	1948	14	10.4 + 46	14.3	6.5	✓
69 + 46°	1945	14	8.4 + 46	6.3	7.1	✓
70 + 46°	1953	14	12.1 + 46	35.2	8.6	✓
71 + 46°	1956	14	13.0 + 46	45.2	8.5	✓
72 + 48°	2188	14	12.4 + 48	40.5	6.6	✓
73 + 49°	2290	14	13.5 + 49	15.7	6.5	✓
74 + 45°	2148	13	55.3 + 45	59.0	7.9	✓
75 + 45°	2140	13	51.7 + 45	51.7	8.6	✓

Identified on Cards by AMC. April 19, 1914

Identified in book by J. B. M. April 23, 1914

Identification compared cards + book by G. R. B.

✓ 76 + 50° 2047 14 2.9 + 50 8 1.5 87 on √38324  
 ✓ 77 + 49 2253 131 ..







10.35

Saturday, February 21, 1914

I 3865.9 long

G.F.M. Rec.	No.	Int.	Class	Remark
✓ 1	1		No	
✓ 2	1		No	
✓ 3	1		No	<del>Another star</del> sup? Superfused on 3a
3a			No	
✓ 4	2		No	
✓ 5	2		No	
✓ 6	9		B9	
✓ 7	7		A3	
✓ 8	9		F0	
✓ 9	7		F5	
✓ 10	3		G5	
✓ 11	1		A0	
✓ 12	1		No	
✓ 13	10+		A	
✓ 14	1		No	
✓ 15	1		No	
✓ 16	2		G5	
✓ 17	1		No	
✓ 18	2		G0	
✓ 19	1		No	
✓ 20	1		No	
✓ 21	2		No	
✓ 22	2		G5	
✓ 23	2		No	
✓ 24	4		G5	42
✓ 25	4		No	2
✓ 26	3		F8	22
✓ 27	8		F8	22



1	+39°	2589	13 <sup>2</sup>	54.0	+39	43.8	8.0 ✓
2	+39°	2590	13 <sup>2</sup>	54.2	+39	34.3	8.1 ✓
3	+39°	2593	13 <sup>2</sup>	55.6	+39	39.5	7.7 ✓
3 <sub>2</sub>	+39°	2592	13 <sup>2</sup>	55.6	+39	36.2	7.7 ✓
4	+39°	2599	13 <sup>2</sup>	59.2	+39	10.6	8.0 ✓
5	+39°	2607	13	1.5	+39	33.3	7.5 ✓
6	+39°	2611	13	3.0	+39	18.9	6.3 ✓
7	+39°	2613	13	3.4	+39	29.9	7.0 ✓
8	+39°	2614	13	3.4	+39	16.4	6.2 ✓
9	+39°	2620	13	6.4	+39	4.3	6.8 ✓
10	+38°	2403	13	0.5	+38	2.8	7.5 ✓
11	+37°	2360	12	58.5	+37	51.0	8.1 ✓
12	+38°	2398	12	58.2	+38	2.9	7.8 ✓
13	+36°	2337	12	59.0	+36	34.4	5.5 ✓
14	+37°	2367	13	1.2	+37	44.8	8.3 ✓
15	+37°	2369	13	2.0	+37	59.9	7.5 ✓
16	+37°	2371	13	3.3	+37	54.6	7.5 ✓
17	+37°	2376	13	5.3	+37	41.0	7.8 ✓
18	+37°	2387	13	8.8	+37	22.6	8.3 ✓
19	+37°	2388	13	10.0	+37	9.2	8.3 ✓
20	+37°	2390	13	10.6	+37	31.2	8.8 ✓
21	+37°	2391	13	10.8	+37	34.9	8.1 ✓
22	+38°	2422	13	11.0	+38	18.3	8.2 ✓
23	+39°	2624	13	10.1	+39	13.8	8.2 ✓
24	+39°	2631	13	13.4	+39	9.0	7.5 ✓
25	+38°	2431	13	13.5	+38	55.7	7.2 ✓
26	+38°	2433	13	14.2	+38	18.8	7.0 ✓
27	+38°	2435	13	14.6	+38	37.1	6.8 ✓

39° 2598 superfund 7.7  
5 34650

Saturday, February 21, 1914

I 38659 long.

No.	Int.	Class	Remark
✓ 28	3	G <sub>0</sub>	
✓ 29	3	F <sub>8</sub>	
✓ 30	1	G <sub>5</sub>	
✓ 31	7	Ma	
✓ 32	3	F <sub>5</sub>	
✓ 33	1	G <sub>5</sub>	Partly sup. on 32
✓ 34	2	G <sub>5</sub>	
✓ 35	5	K <sub>2</sub>	
✓ 36	4	G <sub>0</sub>	
✓ 37	1	G <sub>5</sub>	
✓ 38	1	K <sub>0</sub>	
✓ 39	5	G <sub>5</sub>	
✓ 40	8	K <sub>0</sub>	
41	1	G <sub>0</sub>	
✓ 42	1	K <sub>0</sub>	
✓ 43	1	K <sub>2</sub>	
✓ 44	2	Ma	
✓ 45	1	F <sub>8</sub>	
✓ 46	1	K <sub>5</sub>	
✓ 47	1	K <sub>0</sub>	
✓ 48	1	G <sub>5</sub>	
✓ 49	1	K <sub>0</sub>	
✓ 50	1	F <sub>8</sub>	
10.43 ✓ 51	2	G <sub>5</sub>	

52

53

54

52 70. K<sub>2</sub>

+ Comb. 139, 110



28	+37°	2399	13	14.0	+37	26.1	7.0	✓
29	+36°	2366	13	15.4	+36	23.5	8.0	✓
30	+36°	2368	13	16.1	+36	41.7	8.3	✓
31	+37°	2404	13	17.3	+37	47.3	6.0	✓
32	+38°	2443	13	18.5	+38	11.5	7.6	✓
33	+38°	2442	13	18.4	+38	17.5	8.5	✓
34	+38°	2446	13	19.2	+38	35.9	8.0	✓
35	+39°	2635	13	15.0	+39	39.0	6.9	✓
36	+40°	2649	13	15.3	+40	9.1	8.0	✓
37	+40°	2650	13	15.6	+40	38.4	8.5	✓
38	+40°	2653	13	16.8	+40	23.0	8.2	✓
39	+40°	2654	13	16.9	+40	11.5	7.7	✓
40	+41°	2400	13	22.1	+41	29.2	6.2	✓
41	+39°	2637	13	16.0	+39	31.3	8.7	✓
42	+39°	2639	13	16.4	+39	8.2	8.3	✓
43	+39°	2646	13	20.8	+39	15.2	8.5	✓
44	+37°	2417	13	24.8	+37	13.8	7.0	✓
45	+41°	2348	12	55.0	+41	35.5	8.1	✓
46	+41°	2367	13	6.8	+41	20.3	8.4	✓
47	+38°	2377	12	46.7	+38	46.1	8.3	✓
48	+37°	2334	12	47.2	+37	46.5	8.0	✓
49	+37°	2341	12	51.0	+37	29.5	8.1	✓
50	+39°	2602	13	0.1	+39	45.9	8.6	✓
51	+39°	2632	13	<sup>13.9</sup> 14.0	+39	26.1	8.6	✓

Identified on cards by Amc. April 2, 1914

Identified in book by J. G. M. April 21, 1914

Identification compared cards + book, by G. R. B.

52 +38 2407 13 3.0 +38 13 6.0 13.4 on 37525

10.47

Saturday, February 21, 1914

I. 38448 long

g.f.m. Rec	No.	Int.	Class	Remark
✓ 1	6		G <sub>5</sub>	
✓ 2	1		K <sub>0</sub>	
✓ 3	10		F <sub>2</sub>	
✓ 4	3		G <sub>0</sub>	E.
✓ 5	10		A <sub>3</sub>	
✓ 6	1		K <sub>2</sub>	
✓ 7	7		A <sub>3</sub>	
✓ 8	2		F <sub>0</sub>	
✓ 9	1		F <sub>8</sub>	
✓ 10	4		F <sub>0</sub>	
✓ 11	3		G <sub>5</sub>	Another star sup. on preceding
✓ 12	1		K <sub>0</sub>	
✓ 13	1		K <sub>0</sub>	
✓ 14	1		F <sub>5</sub>	
✓ 15	2		F <sub>8</sub>	
✓ 16	1		G <sub>5</sub>	
✓ 17	9		K <sub>0</sub>	
✓ 18	10		K <sub>0</sub>	
✓ 19	4		K <sub>2</sub>	
✓ 20	2		F <sub>8</sub>	
✓ 21	3		Ind	H $\gamma$ = 10 H $\delta$ = 40 H $\epsilon$ = 1 Sp. = mb
✓ 22	2		mb	
✓ 23	2		ma	
✓ 24	1		K <sub>0</sub>	
✓ 25	4		G <sub>0</sub>	
✓ 26	7		K <sub>0</sub>	
✓ 27	2		F <sub>8</sub>	



1	+37°	2421	13	25.9	+37	33.1	6.5	✓
2	+37°	2418	13	25.1	+37	51.5	7.5	✓
3	+37°	2426	13	28.3	+37	55.6	5.1	✓
4	+36°	2382	13	26.0	+36	47.7	7.7	✓
5	+37°	2433	13	31.0	+37	2.2	5.3	✓
6	+38°	2461	13	29.1	+38	27.3	7.7	✓
7	+39°	2658	13	28.0	+39	32.6	6.2	✓
8	+40°	2663	13	26.1	+40	2.2	7.6	✓
9	+40°	2665	13	26.7	+40	6.5	7.9	✓
10	+40°	2666	13	27.1	+40	40.5	7.4	✓
11	+39°	2663	13	31.7	+39	55.4	7.2	+39° 2662 superseded 9.0
12	+39°	2665	13	32.4	+39	7.7	8.0	✓
13	+39°	2672	13	36.0	+39	40.7	8.2	✓
14	+39°	2673	13	36.1	+39	33.1	8.4	✓
15	+38°	2473	13	36.9	+38	59.1	7.4	✓
16	+39°	2676	13	38.1	+39	32.1	8.4	✓
17	+39°	2678	13	40.0	+39	13.7	6.0	✓
18	+39°	2680	13	40.8	+39	17.7	5.5	✓
19	+38°	2479	13	41.2	+38	37.3	6.8	✓
20	+38°	2477	13	39.7	+38	16.5	7.3	✓
21	+40°	2694	13	42.7	+40	15.9	var.	✓
22	+40°	2701	13	45.6	+40	23.9	6.9	✓
23	+40°	2693	13	42.4	+40	59.2	8.0	✓
24	+41°	2422	13	39.0	+41	8.4	8.0	✓
25	+42°	2403	13	22.8	+42	59.1	7.2	✓
26	+42°	2405	13	25.0	+42	51.5	6.3	✓
27	+44°	2274	13	24.4	+44	32.7	7.7	✓

Saturday, February 21, 1914

I 38448 long

No.	Int.	Class	Remark
✓ 28	2	F <sub>2</sub>	
✓ 29	1	K <sub>2</sub>	
✓ 30	8	G <sub>5</sub>	
✓ 31	3	F <sub>5</sub>	
✓ 32	1	G	
✓ 33	1	K	E.
✓ 34	1	G <sub>5</sub>	
✓ 35	1	G <sub>5</sub>	
✓ 36	1	K <sub>2</sub>	
✓ 37	1	G	
✓ 38	3	K <sub>2</sub>	
✓ 39	3	F <sub>8</sub>	
✓ 40	1	K <sub>0</sub>	
✓ 41	2	G <sub>5</sub>	
✓ 42	2	K <sub>0</sub>	
✓ 43	2	F <sub>8</sub>	
✓ 44	1	K <sub>2</sub>	Partly sup. on 43
✓ 45	2	G <sub>5</sub>	
✓ 46	1	G <sub>5</sub>	
✓ 47	1	K <sub>0</sub>	
✓ 48	2	G <sub>5</sub>	
✓ 49	2	K <sub>0</sub>	
✓ 50	2	G <sub>5</sub>	
✓ 51	1	K <sub>2</sub>	
✓ 52	2	G <sub>5</sub>	
✓ 53	1	G <sub>5</sub>	Partly sup. on 52
✓ 54	2	G <sub>0</sub>	



28	+44°	2278	13	26.7	+44	50.9	8.6 ✓
29	+45°	21 <sup>1</sup> 7	13	27.1	+45	1.3	8.2 ✓
30	+44°	2285	13	29.1	+44	55.9	6.5 ✓
31	+45°	2120	13	29.8	+45	45.5	8.1 ✓
32	+46°	1885	13	28.7	+46	10.7	8.3 ✓
33	+46°	1882	13	28.0	+46	44.0	8.1 ✓
34	+46°	1887	13	32.1	+46	8.1	8.5 ✓
35	+45°	2123	13	33.3	+45	43.1	8.2 ✓
36	+45°	2124	13	34.3	+45	43.4	7.8 ✓
37	+44°	2294	13	35.1	+44	48.9	8.8 ✓
38	+42°	2424	13	31.4	+42	56.4	7.5 ✓
39	+42°	2423	13	31.4	+42	10.4	8.0 ✓
40	+42°	2413	13	27.9	+42	1.0	8.9 ✓
41	+41°	2410	13	27.9	+41	27.5	8.3 ✓
42	+40°	2677	13	34.2	+40	44.9	8.2 ✓
43	+41°	2392 <sup>3</sup>	13	18.8 <sup>9</sup>	+41	18.2 <sup>3</sup>	8.5 ✓
44	+41°	2392	13	18.8	+41	12.2	8.5 ✓
45	+43°	2341	13	28.6	+43	25.7	8.0 ✓
46	+44°	2289	13	31.7	+44	7.0	8.9 ✓
47	+44°	2290	13	32.7	+44	28.1	8.7 ✓
48	+42°	2430	13	35.8	+42	56.8	8.3 ✓
49	+43°	2350	13	39.5	+43	43.1	8.3 ✓
50	+43°	2352	13	39.6	+43	1.7	8.5 ✓
51	+41°	2420	13	37.8	+41	58.5	8.1 ✓
52	+42°	2434	13	38.1	+42	25.4	8.6 ✓
53	+42°	2435	13	38.2	+42	39.3	8.6 ✓
54	+41°	2431	13	44.0	+41	44.9	8.6 ✓

Saturday February 21, 1914

I 38478 long

No. Int.		Class	Remark
✓	55 3	85	
10.57	✓ 56 3	80	
	57		
	58		
	59		



55 + 45° 2110 13 21.2 + 45° 25.6 7.9✓

56 + 45° 2113 13 24.3 + 45° 19.7 7.7✓

Identified on cards by a.m.c. April 2, 1914

Identified in book by J.B.M. April 21, 1914.

Identification compared cards + book, by G.R.B.

Monday, February 23, 1914.  
 F 37804 Long

	No.	Int	Cl
11.27	✓ 1	1	K0
S.E.W.	✓ 2	2	A3
rec.	✓ 3	3	F0
	✓ 4	1	G5
	✓ 5	8	K5
	✓ 6	5	A5
	✓ 7	2	K0
	✓ 8	1	F8
	✓ 9	1	K0
	✓ 10	2	K0
	✓ 11	1	G5
	✓ 12	1	K5
	✓ 13	3	K2
	✓ 14	3	F5
	✓ 15	1	K2
	✓ 16	1	G5
	✓ 17	7	K0
	✓ 18	4	F8
	✓ 19	3	K5
	✓ 20	4	F5
	✓ 21	3	K2
	✓ 22	2	F8
	✓ 23	7	F2
	✓ 24	8	A5
	✓ 25	1	F8
	✓ 26	7	F0
	✓ 27	2	K5



1	+54° 1681	14	22.5 +54	35	8.5	✓
2	+56° 1740	14	23.6 +56	1	9.0	✓
3	+55° 1689	14	26.7 +55	49	8.3	✓
4	+55° 1690	14	26.8 +55	45	8.5	✓
5	+56° 1746	14	28.0 +56	2	5.9	✓
6	+55° 1695	14	29.3 +55	52	8.0	✓
7	+56° 1749	14	30.1 +56	11	8.0	✓
8	+55° 1692	14	28.0 +55	23	8.3	✓
9	+56° 1752	14	33.1 +56	25	9.0	✓
10	+56° 1754	14	35.2 +56	20	8.9	✓
11	+54° 1701	14	39.8 +54	57	8.8	✓
12	+55° 1706	14	38.9 +55	22	8.7	✓
13	+56° 1757	14	40.5 +56	5	8.4	✓
14	+55° 1708	14	41.1 +55	34	8.4	✓
15	+55° 1710	14	42.6 +55	21	8.8	✓
16	+55° 1712	14	45.5 +55	18	9.0	✓
17	+57° 1533	14	42.2 +57	13	6.3	✓
18	+57° 1536	14	45.0 +57	31	8.0	✓
19	+58° 1533	14	46.8 +58	0	8.0	✓
20	+58° 1529	14	44.4 +58	40	8.0	✓
21	+58° 1531	14	46.0 +58	30	8.0	✓
22	+58° 1532	14	46.6 +58	43	8.8	✓
23	+58° 1539	14	53.5 +58	13	7.0	✓
24	+56° 1767	14	48.2 +56	20	7.2	✓
25	+56° 1774	14	55.3 +56	11	8.9	✓
26	+56° 1777	14	56.3 +56	12	7.0	✓
27	+55° 17 <sup>27</sup> <sub>25</sub>	14	55.4 52.9 +55	34 40	8.4 9.0	✓

Monday, February 23, 1914  
I 37804

No.	Dur	Class.	
✓ 28	6	K2	
✓ 29	5	F8	
✓ 30	1	F8	
✓ 31	1	G5	
✓ 32	1	K0	
✓ 33	1	K0	
✓ 34	1	K5	
✓ 35	3	A2	
✓ 36	2	G5	
✓ 37	9	F5	
✓ 38	3	G0	
✓ 39	3	F8	
✓ 40	3	F8	
✓ 41	5	K0	
✓ 42	5	A2	
✓ 43	9	K2	
✓ 44	3	K2	Edge
11 35 ✓ 45	2	F5	Edge
#6			
#7			

encl. 135, 204



28	+56° 1780	14	59.4	+56	37	6.8	✓
29	+56° 1782	<sup>15</sup> 14	1.4	+56	15	7.5	✓
30	+54° 1709	14	46.1	+54	32	9.0	✓
31	+53° 1728	14	<sup>57.0</sup> <del>50.2</del>	+53	<sup>33</sup> 36	9.0	✓
32	+55° 1725	14	52.9	+55	40	9.0	✓
33	+58° 1728	14	57.6	+55	49	9.1	✓
34	+57° 1544	14	52.8	+57	38	8.8	✓
35	+56° 1742	14	23.5	+56	45	8.4	✓
36	+57° 1510	14	23.3	+57	36	8.3	✓
37	+57° 1519	14	29.9	+57	42	6.3	✓
38	+57° 1521	14	32.2	+57	20	7.8	✓
39	+58° 1514	14	32.1	+58	11	7.8	✓
40	+58° 1520	14	36.0	+58	20	7.3	✓
41	+58° 1523	14	36.9	+58	34	6.8	✓
42	+60° 1567	14	43.3	+60	19	6.8	✓
43	+59° 1615	14	47.7	+59	53	5.7	✓
44	+60° 1572	14	50.5	+60	6	7.4	✓
45	+59° 1620	14	52.9	+59	58	7.8	✓

Identified on cards by amc. April 1, 1914

Identified here April 28 1914 J.D.W.

Identification compared cards + book, by G.R.B.

Monday, February 23, 1914.

± 37818 long.

I.E.W. Rec. No. Dist. C

11 37 ✓ 1 1 K2 Edge

✓ 2 2 G "

✓ 3 1 G5 "

✓ 4 4 K0

✓ 5 4 G0

✓ 6 8 Q0

✓ 7 1 K0

✓ 8 1 G5

✓ 9 1 K0

✓ 10 6 Q0

✓ 11 1 K5

✓ 12 1 G5

✓ 13 3 F5

✓ 14 1 K5

✓ 15 2 G5

✓ 16 5 F8

✓ 17 2 K2

✓ 18 3 K2

19 1 K5

✓ 20 2 G5

✓ 21 2 K5

✓ 22 5 F5

✓ 23 1 G5

✓ 24 2 G5

✓ 25 3 K0

✓ 26 1 1/2 MG

✓ 27 1 K0

Another star superposed at south.



1	+60°	1476	13	31.6	+60	26.1	8.2	✓
2	+60°	14 <sup>80</sup>	13	35.6	+60	27.8 26.9	8.8 8.8	✓
3	+59°	15 <sup>7</sup> 24	13	36.1 34.5	+59	48.0 56.8	8.4 8.6	✓
4	+60°	1486	13	39.1	+60	4.7	7.0	✓
5	+60°	1484	13	38.7	+60	33.1	7.5	✓
6	+60°	1485	13	38.9	+60	52.6	6.5	✓
7	+60°	1489	13	41.5	+60	39.9	8.7	✓
8	+61°	1374	13	40.9	+61	0.9	8.8	✓
9	+61°	1377	13	42.5	+61	25.6	8.2	✓
10	+61°	1381	13	45.3	+61	15.3	7.5	✓
11	+60°	1494	13	46.5	+60	16.0	8.6	✓
12	+59°	1535	13	46.9	+59	42.1	8.5	✓
13	+59°	1539	13	48.6	+59	36.7	8.4	✓
14	+60°	1497	13	52.1	+60	12.1	8.5	✓
15	+60°	1496	13	51.9	+60	28.7	8.5	✓
16	+60°	1505	13	56.6	+60	15.9	8.3	✓
17	+59°	1553	13	58.8	+59	46.1	8.7	✓
18	+59°	1554	13	59.5	+59	41.6	8.0	✓
19	+60°	1507	13 <sup>4</sup>	0.1	+60	3.6	9.1	✓
20	+60°	1509	14	0.9	+60	24.5	8.9	✓
21	+61°	1408	14	6.7	+61	5.4	8.0	✓
22	+61°	1409	14	7.4	+61	10.3	7.5	✓
23	+60°	1524	14	9.5	+60	33.6	8.5	✓
24	+59°	1566	14	9.8	+59	55.3	8.3	✓
25	+59°	1564	14	9.1	+59	10.5	7.7	✓
26	+58°	1489	14	9.1	+58	47.6	7.4	✓
27	+59°	1569	14	11.1	+59	25.4	9.0	✓

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I 37818

No.	Int.	Class	Remark.
✓ 28	1	F8	
✓ 29	3	F5	
✓ 30	2	G5	
✓ 31	7	K0	
✓ 32	8	F5	
✓ 33	1	G5	
✓ 34	9	A2	
✓ 35	4	F0	
✓ 36	4	F2	
✓ 37	10	F0	
✓ 38	1	G5	
✓ 39	2	K5	
✓ 40	5	A2	
✓ 41	1	K2	
✓ 42	1	K5	
✓ 43	2	F2	
✓ 44	1	G5	
✓ 45	3	A0	
✓ 46	2	K0	
✓ 47	1	G5	
✓ 48	1	K0	
✓ 49	1	G5	
✓ 50	3	K0	Edge
✓ 51	6	F5	
✓ 52	1	K0	
✓ 53	1	K0	
✓ 54	2	K0	



28	+59°	1572	14	13.0	+59	45.5	9.1	✓
29	+59°	1574	14	14.4	+59	40.1	8.5	✓
30	+59°	1575	14	14.8	+59	58.2	8.5	✓
31	+60°	1534	14	18.4	+60	26.3	7.3	✓
32	+60°	1541	14	23.5	+60	22.4	7.3	✓
33	+60°	1542	14	24.4	+60	41.3	8.3	✓
34	+61°	1432	14	25.0	+61	1.8	7.2	✓
35	+61°	1435	14	26.9	+61	25.1	8.1	✓
36	+61°	1437	14	27.2	+61	3.1	8.2	✓
37	+60°	1547	14	27.8	+60	51.3	6.2	✓
38	+60°	1548	14	27.9	+60	35.2	8.2	✓
39	+60°	1550	14	30.5	+60	29.6	7.7	✓
40	+58°	1503	14	23.4	+58	58.4	7.3	✓
41	+59°	1589	14	26.8	+59	16.0	8.4	✓
42	+59°	1591	14	28.6	+59	3.3	7.8	✓
43	+57°	1512	14	24.8	+57	47.8	8.5	✓
44	+57°	1511	14	23.5	+57	45.8	8.3	✓
45	+58°	1500	14	20.5	+58	31.3	8.8	✓
46	+58°	1496	14	17.5	+58	17.1	8.2	✓
47	+57°	1506	14	17.8	+57	32.5	8.5	✓
48	+57°	1504	14	16.0	+57	35.0	8.3	✓
49	+58°	1494	14	15.0	+58	4.3	8.9	✓
50	+55°	1664	14	6.3	+55	5.6	8.0	✓
51	+57°	1478	13	57.1	+57	55.5	7.6	✓
52	+58°	1482	13	57.8	+58	42.6	9.0	✓
53	+59°	1543	13	51.6	+59	12.4	8.4	✓
54	+58°	1474	13	48.2	+58	37.3	8.5	✓

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F 37818

No.	Int.	Cl.
✓ 55	1	K0
✓ 56	1	G5
✓ 57	1	K0
✓ 58	1	K0
✓ 59	2	G5
✓ 60	8	K5
✓ 61	1	K2
✓ 62	2	K5
✓ 63	7	G2
✓ 64	4	F0
✓ 65	1	K0
✓ 66	3	K5
✓ 67	2	G5
✓ 68	2	F5
✓ 69	4	F5
✓ 70	6	F0
✓ 71	1	K0
✓ 72	2	F8
✓ 73	2	G0
✓ 74	3	F8
✓ 75	3	G0
✓ 76	2	K0
✓ 77	3	G0
✓ 78	3	F8
✓ 79	2	G0
✓ 80	1	F8
✓ 81	7	G0



55	+58°	1467	13	40.5	+58	42.5	9.0	✓
56	+59°	1530	13	37.4	+59	34.6	8.4	✓
57	+60°	1495	13	49.1	+60	36.6	8.9	✓
58	+61°	1386	13	49.9	+61	4.8	9.2	✓
59	+61°	1387	13	50.4	+61	15.7	8.8	✓
60	+62°	1325	13	53.0	+62	11.6	6.7	✓
61	+61°	1390	13	53.5	+61	59.6	8.5	✓
62	+61°	1397	13	55.3	+61	38.9	8.2	✓
63	+62°	1327	13	58.4	+62	23.1	7.1	✓
64	+62°	1328	13	58.6	+62	58.9	8.0	✓
65	+62°	1331	13	59.3	+62	18.1	8.6	✓
66	+61°	1402	13	59.6	+61	15.5	8.3	✓
67	+62°	1336	14	6.0	+62	8.2	8.8	✓
68	+63°	1117	14	6.0	+63	37.3	8.5	✓
69	+63°	1120	14	6.8	+63	12.4	8.0	✓
70	+63°	1121	14	9.4	+63	22.5	7.5	✓
71	+62°	1337	14	8.3	+62	48.4	9.2	✓
72	+62°	1339	14	9.5	+62	24.9	8.8	✓
73	+61°	1415	14	10.8	+61	58.9	8.2	✓
74	+63°	1123	14	12.6	+63	44.6	8.0	✓
75	+63°	1125	14	14.0	+63	26.5	8.5	✓
76	+62°	1342	14	14.6	+62	38.0	8.2	✓
77	+62°	1345	14	18.1	+62	56.1	8.7	✓
78	+62°	1349	14	19.9	+62	36.0	8.2	✓
79	+62°	1347	14	19.4	+62	2.8	8.2	✓
80	+62°	1348	14	19.8	+62	8.3	8.5	✓
81	+61°	1422	14	18.4	+61	37.9	6.8	✓

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I 37818.

No.	Int.	cl.	
✓ 82	4	A2	
✓ 83	2	A3	
✓ 84	7	F8	
✓ 85	1	K5	
✓ 86	9	F5	
✓ 87	4	K2	
✓ 88	2	K2	
✓ 89	3	K2	
✓ 90	9	K0	
✓ 91	1	K2	
✓ 92	3	K0	
✓ 93	6	K0	
✓ 94	4	F2	
✓ 95	7	F5	
✓ 96	2	G0	
✓ 97	5	A	Edge
✓ 98	4	A5	Edge
✓ 99	3	K2	Edge
✓ 100	3	K2	Edge
11.50 ✓ 101	3	A8	
✓ 102	4	A2	E
✓ 103	2	K0	
✓ 104	4	F5	
✓ 105	1	K5	
✓ 106	1	G5	
✓ 107	3	G5	
✓ 108	1	K0	
109	3	K2	
110	4	K0	



82	+63°	1128	14	16.5	+63	52.5	8.2	✓
83	+63°	1130	14	21.0	+63	32.9	8.5	✓
84	+63°	1131	14	21.2	+63	35.8	7.2	✓
85	+63°	1132	14	23.3	+63	9.3	8.0	✓
86	+63°	1136	14	27.3	+63	49.5	6.2	✓
87	+63°	1141	14	31.1	+63	50.4	7.3	✓
88	+63°	1094	13	44.2	+63	35.2	8.0	✓
89	+63°	1096	13	45.2	+63	31.3	7.8	✓
90	+62°	1318	13	45.0	+62	12.2	6.0	✓
91	+62°	1320	13	49.4	+62	54.5	8.8	✓
92	+62°	1322	13	49.8	+62	48.7	8.4	✓
93	+63°	1102	13	50.2	+63	5.8	7.0	✓
94	+63°	1103	13	51.4	+63	51.9	7.7	✓
		<del>981</del>	<del>14</del>	<del>58.4</del>	<del>+64</del>	<del>19.7</del>	<del>8.9</del>	✓
95	+63°	1105	13	52.7	+63	30.8	7.3	✓
96	+63°	1109	13	56.9	+63	17.6	7.8	✓
97	+65°	987	14	12.4	+65	31.2	7.2	✓
98	+65°	991	14	15.6	+65	2.2	7.9	✓
99	+64°	997	14	19.3	+64	56.0	7.5	✓
100	+65°	994	14	20.3	+65	24.2	7.5	✓
101	+64°	1014	14	33.0	+64	6.3	7.4	✓
102	+63°	1147	14	40.3	+63	10.6	7.8	✓
103	+62°	1357	14	34.8	+62	16.6	8.3	✓
104	+61°	1446	14	35.2	+61	20.7	8.0	✓
105	+61°	1449	14	36.2	+61	4.0	8.5	✓
106	+60°	1554	14	35.0	+60	39.8	8.4	✓
107	+59°	1595	14	36.1	+59	18.2	8.4	✓
108	+62°	1352	14	28.9	+62	4.3	8.9	✓
109	+61°	1446	14	35.2	+61	20.7	8.0	✓

Identified on Cards by OMC. April 29, 1914. Identification compared by G. R. B.  
 109 +61° 1446 14 35.2 +61 20.7 8.0 ✓  
 110 +61° 1449 14 36.2 +61 4.0 8.5 ✓  
 111 +61° 1554 14 35.0 +60 39.8 8.4 ✓  
 112 +61° 1595 14 36.1 +59 18.2 8.4 ✓  
 113 +62° 1352 14 28.9 +62 4.3 8.9 ✓  
 114 +62° 1357 14 34.8 +62 16.6 8.3 ✓  
 115 +63° 1147 14 40.3 +63 10.6 7.8 ✓  
 116 +63° 1014 14 33.0 +64 6.3 7.4 ✓  
 117 +64° 994 14 20.3 +65 24.2 7.5 ✓  
 118 +64° 997 14 19.3 +64 56.0 7.5 ✓  
 119 +65° 991 14 15.6 +65 2.2 7.9 ✓  
 120 +65° 987 14 12.4 +65 31.2 7.2 ✓

Monday, February 23, 1914.

B43211. Long.

I.E.W. Rec.	No.	Int.	Class.
11.51	✓ 1	4	B0
	✓ 2	4	A
	✓ 3	3	B9
	✓ 4	4	B8
	✓ 5	4	A0
	✓ 6	7	B9
	✓ 7	3	A2
	✓ 8	4	A2
	✓ 9	6	B5
	✓ 10	5	F0
	✓ 11	3	A0
	✓ 12	3	B3
	✓ 13	3	B9
	✓ 14	2	A0
	✓ 15	10 +	B3
	✓ 16	8	B9
	✓ 17	2	A0
	✓ 18	3	A0
	✓ 19	4	K5
	✓ 20	5	B9
	✓ 21	10	Ma
	✓ 22	4	F2
	✓ 23	3	A0
	✓ 24	3	A2
	✓ 25	5	A2
	✓ 26	8	A0
	✓ 27	7	B9

Another star superposed?



1	-61°	2914	11	56.5	-61	28	7.1	✓
2	-60°	3663	11	57.1	-60	24	7.8	✓ -60° 3664 sup. 8.7
3	-60°	3557	11	53.3	-60	6	8.2	✓
	-58°	3958	11	51.8	-58	541	8.0	
4	-59°	3971	11	52.0	-59	4	7.6	
	-59°	3971	11	52.0	-59	4	7.6	
5	-59°	3972	11	52.2	-59	9	8.4	
6	-58°	4058	11	58.3	-58	33	6.8	✓
7	-58°	4079	11	59.9	-58	27	8.0	✓
8	-57°	5277	12	3.1	-57	39	7.6	✓
9	-59°	4080	12	2.9	-59	4	7.2	✓
10	-59°	4097	12	5.9	-59	22	7.7	✓
11	-59°	4102	12	6.1	-59	21	7.7	✓
12	-58°	4174	12	7.4	-58	42	7.8	✓
13	-58°	4177	12	7.6	-58	11	7.8	✓
14	-57°	5338	12	7.4	-57	15	7.9	✓
15	-58°	4189	12	8.5	-58	3	3.7	✓
16	-56°	5202	12	16.1	-56	59	5.5	✓
17	-56°	5169	12	13.4	-56	2	7.9	✓
18	-56°	5184	12	14.5	-56	5	8.0	✓
19	-55°	5019	12	15.2	-55	41	7.9	✓
20	-55°	5063	12	20.5	-55	3	7.4	✓
21	-56°	5272	12	24.2	-56	25	4.8	✓
22	-57°	5536	12	25.0	-57	36	7.6	✓
23	-57°	5547	12	26.4	-57	2	7.6	✓
24	-55°	5133	12	27.0	-55	53	7.6	✓
25	-55°	5161	12	31.1	-55	14	7.2	✓
26	-55°	5194	12	35.7	-55	16	6.8	✓
27	-55°	5197	12	36.1	-55	29	6.6	✓

Monday, February 23, 1914.  
B43211,

No.	Int.	Cl.	
✓ 28	7	A0	
✓ 29	10	B3	
✓ 30	2	A0	
✓ 31	3	B9	
✓ 32	9	B8	
✓ 33	4	K0	
✓ 34	4	A5	
✓ 35	8	B5	Edge
✓ 36	5	A2	
✓ 37	6	B2	
✓ 38	5	B	Almost continuous. H $\beta$ bright?
✓ 39	5	B	Almost continuous.
✓ 40	3	A2	
✓ 41	10 +	B	Burned out.
✓ 42	7	K0	
✓ 43	4	A2	
✓ 44	2	A0	
✓ 45	8	F2	
✓ 46	3	A2	
✓ 47	2	F0	
✓ 48	6	M8	
✓ 49	3	A2	
✓ 50	3	B2	
✓ 51	7	F0	
✓ 52	6	B5	
✓ 53	4	K2	
✓ 54	5	G0	



28	-56°	5410	12	37.4	-56	36	7.5✓	
29	-55°	5215	12	39.2	-55	48	5.0✓	-55° 5216 sup. 8.6
30	-57°	5600	12	30.5	-57	24	7.9✓	
31	-57°	5602	12	30.8	-57	11	7.5✓	
32	-59°	4393	12	34.7	-59	0	5.4✓	
33	-58°	4453	12	36.3	-58	13	8.3✓	
34	-57°	5707	12	40.4	-57	37	7.7✓	
35	-58°	4584	12	47.2	-58	28	5.1✓	
36	-59°	4483	12	42.8	-59	43	7.5✓	
37	-59°	4494	12	43.9	-59	39	6.9✓	
38	-59°	4543 <sup>29</sup>	12	45.9 46.2	-59	39 41	6.5 7.8	other stars in group
39	-59°	4564 <sup>55</sup>	12	46.5 <sup>4</sup>	-59	44 <sup>2</sup>	8.8 <sup>7</sup>	(-59° 4552 8.2 sup. <sup>mag.</sup> 8.2 p. and others in group)
40	-59°	4448	12	40.3	-59	24	8.0✓	
41	-59°	4451	12	40.4	-59	0	2.8✓	
42	-60°	4273	12	38.3	-60	18	7.6✓	
43	-60°	4248 <sup>4</sup>	12	35.2	-60	20	7.8✓	
44	-59°	4296	12	25.5	-59	12	8.1✓	
45	-58°	4344	12	24.7	-58	44	7.1✓	
46	-58°	4326	12	22.8	-58	20	9.8	Error in C.P.D. magn.
47	-58°	4324	12	22.6	-58	24	8.3	Have examined a number of B+Q.M. plates + the star is always very bright.
48	-58°	4289	12	20.6	-58	18	8.3	magn. in C.P.D. should read 7.8.
49	-59°	4241	12	21.5	-59	42	8.3✓	
50	-60°	4047	12	22.2	-60	7	8.3✓	
51	-60°	4060 <sup>7</sup>	12	23.4	-60	18	8.1✓	
52	-61°	3218	12	22.0	-61	11	7.9✓	
53	-61°	3209	12	21.5	-61	6	8.3✓	-61° 3206 sup. 8.8
54	-61°	3204	12	21.3	-61	4	8.2✓	

Monday, February 23, 1914.

B 43211

No.	Int.	Cl.
✓ 55	2	G5
✓ 56	3	A0
✓ 57	4	B9
✓ 58	7	B2
✓ 59	5	B3
✓ 60	2	P 1
✓ 61	8	A0
✓ 62	6	A0
✓ 63	9	B9
✓ 64	5	A2
✓ 65	6	A0
✓ 66	2	A0
✓ 67	2	A3
✓ 68	3	A0
✓ 69	4	A0
✓ 70	4	A0
✓ 71	3	B0
✓ 72	4	A0
✓ 73	5	A2
✓ 74	4	A2
✓ 75	7	M
✓ 76	3	A2
✓ 77	2	A0
✓ 78	3	A0
✓ 79	4	A0
✓ 80	2	K5
✓ 81	7	B

Almost continuous



55	-60°	3992	12	20.1	-60	42	8.6✓
56	-60°	3898	12	12.4	-60	26	8.4✓
57	-60°	3890	12	11.4	-60	46	7.5✓
58	-62°	2624	12	5.8	-62	15	7.0✓
59	-62°	2688	12	13.1	-62	10	7.6✓
60	-56°	4818	11	44.1	-56	29	9.2✓
61	-56°	4836	11	46.0	-56	18	7.0✓
62	-56°	4861	11	48.0	-56	43	7.5✓
63	-55°	4751	11	52.0	-55	37	6.4✓
64	-56°	4926	11	53.1	-56	28	7.6✓
65	-56°	4954	11	55.1	-56	48	7.0✓
66	-57°	5179	11	54.5	-57	22	7.9✓
67	-56°	4976	11	57.2	-56	54	8.0✓
68	-57°	5217	11	57.4	-57	3	7.9✓
69	-57°	4984	11	57.8	-56	40	7.7✓
70	-55°	4810	11	56.1	-55	52	7.6✓
71	-55°	4772	11	53.6	-55	36	7.7✓
72	-54°	4946	11	58.2	-54	44	7.8✓
73	-55°	4894	12	4.2	-55	45	7.6✓
74	-55°	4903	12	4.6	-55	42	7.8✓
75	-54°	5113	12	12.3	-54	27	7.1✓
76	-54°	5241	12	26.4	-54	17	7.5✓
77	-53°	5209	12	27.2	-53	5	7.9✓
78	-52°	5663	12	24.2	-52	37	7.4✓
79	-53°	5285	12	35.6	-53	51	7.3✓
80	-54°	5306	12	35.1	-54	4	7.7✓
81	-56°	5498	12	48.6	-56	10	6.0✓

Monday, February 23, 1914.  
B43211.

	No	Int.	Cl.	
	✓ 82	10 +	B	Burned out.
12,05	✓ 83	3	K2	Edge
	✓ 84	8	K2	
	✓ 85	6	F2	



82-56°	5487	12	47.3	-56	30	4.1 ✓
83-54°	5360	12	45.9	-54	16	7.7 ✓
84-59°	4188	12	14.6	-59	43	6.7 ✓
85-60°	3812	12	4.5	-60	35	7.1 ✓

Identified on cards by Amc. Sept. 23, 1914

Identified in book by J. L. M. Oct. 10, 1914

Identification compared by G. R. B. Oct. 20, 1914

10.00

Tuesday, February 24, 1914

B 39 228 short

G.F.M. Rec.	No.	Int.	Class	Remark
✓ 1	3		F8	
✓ 2	1		Fna	
✓ 3	2		A0	
✓ 4	3		K5	
✓ 5	5		A5	
✓ 6	2		F5	
✓ 7	4		B9	
✓ 8	5		B8	
✓ 9	4		B9	
✓ 10	2		A3	
✓ 11	1		A3	
✓ 12	1		A2	
✓ 13	1		A0	
✓ 14	1		K5	
✓ 15	2		A5	
✓ 16	4		A2	
✓ 17	5		K0	
✓ 18	1		F2	
✓ 19	2		A0	
✓ 20	3		A0	
✓ 21	1		A2	
✓ 22	2		A0	
✓ 23	5		F0	
✓ 24	4		A0	
✓ 25	3		F0	
✓ 26	5		F0	
✓ 27	4		B9	



1	-65°	2146	12	57.7	-65	41	9.1	✓
2	-65°	2151	12	59.1	-65	46	9.4	✓
3	-65°	2188	12 <sup>3</sup>	2.7	-65	20	9.3	✓
4	-64°	2247	13	4.5	-64 <sup>5</sup>	0	9.2	✓
5	-64°	2256	13	4.7	-64	58	9.0	✓
6	-65°	2197	13	4.1	-65	40	9.3	✓
7	-65°	2207	13	5.4	-65	24	9.0	✓
8	-65°	2211	13	5.7	-65	18	8.9	-65° 2212 sup. 9.8
9	-65°	2205	13	5.4	-65	51	9.0	✓
10	-65°	2208	13	5.4	-65	56	9.3	✓
11	-65°	2217	13	6 <sup>6</sup> 9.2	-65	37	9.4	✓
12	-65°	2221	13	6.5	-65	59	9.3	✓
13	-66°	2130	13	7.2	-66	1	9.4	✓
14	-65°	2229	13	7.6	-65	49	9.5	✓
15	-65°	2228	13	7.6	-65	30	9.3	✓
16	-65°	2230	13	7.7	-65	7	9.2	✓
17	-64°	2319	13	8.8	-64	57	9.2	✓
18	-65°	2233	13	8.0	-65	31	9.4	✓
19	-65°	2237	13	8.4	-65	28	9.3	✓
20	-65°	2241	13	9.2	-65	41	9.3	✓
21	-65°	2242	13	9.7	-65	47	9.2	✓
22	-65°	2255	13	11.2	-65	52	9.2	✓
23	-65°	2267	13	12.0	-65	52	9.0	✓
24	-65°	2270	13	12.4	-65	55	9.0	✓
25	-65°	2253	13	10.9	-65	6	9.2	✓
26	-65°	2258	13	11.4	-65	16	8.8	✓
27	-65°	2268	13	12.2	-65	27	9.0	✓

Tuesday, February 24, 1914

B39228 short

No.	Int.	Class	Remark
✓ 28	8	Q <sub>0</sub>	
✓ 29	1	Q	Partly sup. on 30
✓ 30	7	B <sub>8</sub>	
✓ 31	1	Q <sub>0</sub>	
✓ 32	3	G <sub>5</sub>	
✓ 33	1	Q <sub>0</sub>	
✓ 34	2	B <sub>8</sub>	
✓ 35	2	F <sub>8</sub>	
✓ 36	2	B <sub>5</sub>	
✓ 37	3	Q <sub>0</sub>	
✓ 38	4	Q <sub>5</sub>	
✓ 39	7	K <sub>0</sub>	
✓ 40	4	F <sub>5</sub>	
✓ 41	3	B <sub>0</sub>	
✓ 42	3	Q <sub>0</sub>	Partly sup. on 41.
✓ 43	1	Q <sub>0</sub>	
✓ 44	5	F <sub>8</sub>	
✓ 45	2	G	Nearly all sup. on 44
✓ 46	2	B <sub>9</sub>	
✓ 47	4	B <sub>9</sub>	
✓ 48	5	G <sub>0</sub>	
✓ 49	4	K <sub>0</sub>	
✓ 50	2	K <sub>2</sub>	
✓ 51	2	Q <sub>0</sub>	
✓ 52	2	B <sub>9</sub>	
✓ 53	3	Q <sub>0</sub>	
✓ 54	1	K <sub>0</sub>	



28	-65°	2279	13	13.2	-65	22	8.4	✓
29	-65°	2283	13	13.4	-65	22	9.1	✓
30	-65°	2285	13	13.4	-65	16	8.8	✓
31	-65°	2291	13	13.7	-65	30	9.4	✓
32	-65°	2278	13	13.1	-65	50	9.2	✓
33	-65°	2290	13	13.7	-65	56	9.3	✓
34	-65°	2294	13	13.9	-65	57	9.3	✓
35	-66°	2188	13	15.4	-66	12	9.2	✓
36	-65°	2318	13	16.7	-65	48	9.0	✓
37	-66°	2214	13	17.5	-66	6	9.2	✓
38	-65°	2325	13	17.7	-65	55	8.7	✓
39	-66°	2222	13	18.5	-66	22	8.9	✓
40	-66°	2231	13	20.2	-66	19	9.0	✓
41	-65°	2335	13	19.5	-65	38	8.9	✓
42	-65°	2336	13	19.5	-65	42	9.0	✓
43	-65°	2338	13	20.1	-65	41	9.2	✓
44	-65°	2343	13	20.5	-65	25	8.8	✓
45	-65°	2344	13	20.6	-65	26	9.1	✓
46	-65°	2314	13	16.3	-65	17	9.1	-65° 2315 sup. 9.5
47	-65°	2317	13	16.7	-65	15	8.9	✓
48	-65°	2329	13	18.0	-65	11	8.4	✓
49	-64°	2402	13	18.0	-64	59	9.1	✓
50	-65°	2331	13	18.5	-65	5	9.2	✓
51	-64°	2387	13	15.8	-64	59	9.0	✓
52	-64°	2391	13	16.4	-64	55	9.1	✓
53	-64°	2398	13	17.5	-64	40	9.0	✓
54	-64°	2406	13	18.5	-64	36	9.2	✓

Tuesday, February 24, 1914

B 39228 short

No.	Int.	Class	Remark
✓ 55	5	Q <sub>0</sub>	
✓ 56	4	B <sub>8</sub>	
✓ 57	1	B <sub>9</sub>	
✓ 58	5	B <sub>9</sub>	
✓ 59	2	B <sub>5</sub>	
✓ 60	4	B <sub>8</sub>	
✓ 61	3	Q <sub>0</sub>	
✓ 62	2	K <sub>0</sub>	
✓ 63	4	F <sub>0</sub>	
✓ 64	3	Q <sub>0</sub>	
✓ 65	2	Q <sub>0</sub>	
✓ 66	8	F <sub>8</sub>	
✓ 67	1	Q <sub>0</sub>	
✓ 68	2	Q <sub>5</sub>	
✓ 69	1	B <sub>9</sub>	
✓ 70	2	B <sub>0</sub>	Almost cont.
✓ 71	7	Q <sub>3</sub>	
✓ 72	8	B <sub>8</sub>	
✓ 73	8	F <sub>5</sub>	
✓ 74	5	K <sub>0</sub>	
✓ 75	2	B <sub>8</sub>	
✓ 76	4	Q <sub>0</sub>	
✓ 77	9	B <sub>9</sub>	
✓ 78	5	B <sub>9</sub>	
✓ 79	5	B <sub>8</sub>	
✓ 80	1	K <sub>2</sub>	
✓ 81	4	Q <sub>0</sub>	



55	-64°	2408	13	18.8	-64	26	8.5✓
56	-64°	2419	13	20.7	-64	24	9.0✓
57	-64°	2413	13	19.7	-64	5	9.3✓
58	-63°	2779	13	21.0	-63	49	8.3✓
59	-63°	2789	13	22.7	-63	49	9.0✓
60	-64°	24 <sup>4</sup> 38	13	23.7	-64	19	8.4✓
61	-64°	2440	13	23.3	-64	12	9.0✓
62	-64°	24 <sup>4</sup> 37	13	23.7	-64	5	9.2✓
63	-63°	2803	13	23.7	-63	54	9.2✓
64	-63°	2808	13	24.3	-63	51	9.2✓
65	-63°	2814	13	24.9	-63	56	9.2✓
66	-64°	2466	13	25.0	-64	7	8.2✓
67	-64°	2464	13	24.8	-64	13	9.3✓
68	-64°	2452	13	24.1	-64	36	9.3✓
69	-64°	2455	13	24.3	-64	42	9.3✓
70	-64°	2468	13	25.2	-64	32	9.0✓
71	-64°	2470	13	25.8	-64	42	8.4✓
72	-64°	2477	13	27.1	-64	41	7.9✓
73	-64°	2476	13	27.0	-64	30	8.2✓
74	-64°	2481	13	27.3	-64	16	8.6✓
75	-64°	2482	13	27.5	-64	1	9.2✓
76	-63°	2854	13	28.4	-6 <sup>4</sup> 3	0	9.0✓
77	-64°	2487	13	28.7	-64	18	7.6✓
78	-64°	2486	13	28.6	-64	45	8.5✓
79	-64°	2493	13	29.6	-64	49	8.4✓
80	-65°	2392	13	28.4	-65	8	9.3✓
81	-65°	2375	13	25.5	-65	0	8.9✓

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B 39228 short

No.	Int.	Class	Remark.
✓ 82	2	A <sub>0</sub>	
✓ 83	3	F <sub>5</sub>	
✓ 84	1	B <sub>9</sub>	
✓ 85	1	F <sub>8</sub>	
✓ 86	1	B <sub>0</sub>	
✓ 87	1	B <sub>9</sub>	
✓ 88	4	B <sub>8</sub>	
✓ 89	1	K <sub>0</sub>	
✓ 90	3	B <sub>8</sub>	
✓ 91	1	A <sub>0</sub>	
✓ 92	3	B <sub>0</sub>	
✓ 93	1	A <sub>0</sub>	
✓ 94	3	A <sub>2</sub>	
✓ 95	2	G <sub>0</sub>	
✓ 96	2	A <sub>0</sub>	
✓ 97	2	K <sub>2</sub>	
✓ 98	3	B <sub>3</sub>	
✓ 99	1	K <sub>0</sub>	
✓ 100	1	K <sub>2</sub>	
✓ 101	8	B <sub>9</sub>	
✓ 102	1	K <sub>2</sub>	
✓ 103	1	K <sub>2</sub>	
✓ 104	2	A <sub>0</sub>	
✓ 105	7	F <sub>0</sub>	
✓ 106	7	B <sub>9</sub>	
✓ 107	6	B <sub>9</sub>	
✓ 108	6	B <sub>8</sub>	



82	-64°	2467	13	25.2	-64	56	<del>8.2</del> <sup>9</sup> ✓
83	-65°	2355	13	22.7	-65	3	9.1 ✓
84	-64°	2436	13	22.4	-64	52	9.4 ✓
85	-64°	2429	13	21.8	-64	44	9.3 ✓
86	-64°	2433	13	22.0	-64	29	9.3 ✓
87	-64°	2426	13	21.2	-64	17	9.3 ✓
88	-64°	2199	13	1.1	-64	15	9.0 ✓
89	-64°	2206	13	1.5	-64	3	9.5 ✓
90	-64°	2216	13	2.2	-64	8	9.2 ✓
91	-64°	2223	13	2.8	-64	4	9.2 ✓
92	-63°	2579	13	2.3	-63	47	9.1 ✓
93	-63°	2603	13	3.4	-63	57	9.3 ✓
94	-63°	2604	13	3.7	-63	54	9.2 ✓
95	-63°	2606	13	3.8	-63	53	9.3 ✓
96	-63°	2628	13	4.6	-63	50	9.2 ✓
97	-63°	2624	13	5.0	-63	52	9.3 ✓
98	-64°	2212	13	2.1	-64	36	9.0 ✓
99	-64°	2234	13	3.8	-64	38	9.5 ✓
100	-64°	2239	13	4.3	-64	38	9.4 ✓
101	-64°	2249	13	4.6	-64	38	8.1 ✓
102	-64°	2267	13	5.2	-64	37	9.5 ✓
103	-64°	2248	13	4.5	-64	33	9.4 ✓
104	-64°	2262	13	5.1	-64	28	9.2 ✓
105	-64°	2275	13	5.7	-64	22	8.7 ✓
106	-64°	2281	13	5.9	-64	13	8.9 ✓
107	-64°	2286	13	6.5	-64	4	8.7 ✓
108	-64 <sup>3</sup> °	2649	13	6.8	-63	51	8.7 ✓

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B 39228 short

No.	Int.	Class	Remark
✓ 109	1	K <sub>2</sub>	
✓ 110	2	B <sub>9</sub>	
✓ 111	1	K <sub>2</sub>	
✓ 112	4	B <sub>2</sub>	
✓ 113	1	A <sub>0</sub>	
✓ 114	2	F <sub>0</sub>	
✓ 115	2	B <sub>9</sub>	
✓ 116	6	B <sub>0</sub>	
✓ 117	9	F <sub>5</sub>	
✓ 118	4	B <sub>9</sub>	
✓ 119	1	K <sub>0</sub>	
✓ 120	2	B <sub>9</sub>	
✓ 121	2	F <sub>2</sub>	
✓ 122	1	K <sub>0</sub>	
✓ 123	2	B <sub>9</sub>	
✓ 124	5	B <sub>8</sub>	
✓ 125	1	K <sub>2</sub>	
✓ 126	2	B <sub>5</sub>	
✓ 127	2	A <sub>0</sub>	
✓ 128	3	B <sub>9</sub>	
✓ 129	2	B <sub>8</sub>	
✓ 130	4	B <sub>9</sub>	Partly suff. on 131
✓ 131	7	B <sub>2</sub>	
✓ 132	4	B <sub>8</sub>	
✓ 133	2	F <sub>5</sub>	
✓ 134	1	B <sub>9</sub>	
✓ 135	4	A <sub>2</sub>	



109	-63°	2659	13	7.4	-63	38	9.5✓
110	-63°	2651	13	7.0	-63	36	9.2✓
111	-63°	2656	13	7.3	-63	17	9.2 <sup>3</sup> ✓
112	-63°	2662	13	7.7	-63	13	8.7✓
113	-63°	2664	13	7.9	-63	16	9.2✓
114	-63°	2670	13	8.3	-63	19	9.2✓
115	-63°	2673	13	8.9	-63	23	9.2✓
116	-63°	2684	13	10.0	-63	2	8.3✓
117	-62°	3137	13	10.2	-62	47	8.0✓
118	-62°	3140	13	10.3	-62	35	8.8✓
119	-63°	2591	13	3.0	-63	8	9.2✓
120	-63°	2595	13	3.1	-63	9	9.2✓
121	-63°	2598	13	3.2	-63	15	9.2✓
122	-63°	2601	13	3.4	-63	26	9.4✓
123	-63°	2608	13	4.1	-63	17	9.3✓
124	-63°	2612	13	4.3	-63	9	8.7✓
125	-63°	2621	13	4.9	-63	16	9.5✓
126	-63°	2628	13	5.2	-63	20	9.4✓
127	-63°	2630	13	5.4	-63	26	9.4✓
128	-63°	2632	13	5.6	-63	29	9.2✓
129	-63°	2640	13	6.3	-63	40	9.2✓
130	-63°	2633	13	5.6	-63	1	9.0✓
131	-62°	3079	13	5.7	-62	55	8.0✓
132	-62°	3083	13	5.8	-62	55	9.0✓
133	-62°	3088	13	6.1	-62	51	9.3✓
134	-62°	3056	13	4.6	-62	25	9.2✓
135	-62°	3066	13	5.2	-62	38	9.0✓

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B39 228 short

No.	Int.	Class	Remark
✓ 136	1	K <sub>2</sub>	
✓ 137	4	Q <sub>0</sub>	
✓ 138	1	K <sub>2</sub>	
✓ 139	2	K <sub>0</sub>	
✓ 140	2	Q <sub>3</sub>	Another star sup. s. p.
✓ 141	4	B <sub>8</sub>	
✓ 142	2	Q <sub>0</sub>	Partly sup. on 141, - directly north of 141.
✓ 143	3	Q <sub>2</sub>	
✓ 144	2	K <sub>0</sub>	
✓ 145	4	B <sub>9</sub>	
✓ 146	2	B <sub>2</sub>	
✓ 147	4	F <sub>5</sub>	
✓ 148	5	B <sub>9</sub>	
✓ 149	3	B <sub>9</sub>	
✓ 150	2	B <sub>2</sub>	
✓ 151	1	Q <sub>0</sub>	
✓ 152	1	B <sub>9</sub>	
✓ 153	3	F <sub>8</sub>	
✓ 154	1	F <sub>5</sub>	
✓ 155	2	K <sub>0</sub>	
✓ 156	4	B <sub>9</sub>	
✓ 157	8	Q <sub>0</sub>	
✓ 158	1	K <sub>2</sub>	0, 6, 10
✓ 159	1	B <sub>5</sub>	
✓ 160	4	K <sub>0</sub>	
✓ 161	1	Q <sub>0</sub>	
✓ 162	1	B <sub>8</sub>	



136	-62°	306 <sup>5</sup> <del>7</del>	13	5.3 <sup>1</sup> <del>5</del>	-62	43 <sup>7</sup>	9.5✓
137	-62°	3067	13	5.3	-62	43	9.0✓
138	-62°	3078	13	5.7	-62	28	9.6✓
139	-62°	3102	13	7.2	-62	27	9.2✓
140	-62°	3103	13	7.2	-62	17	9.2✓ -62° 309 <sup>9</sup> <del>8</del> sup. 9.7
141	-62°	3114 <sup>5</sup>	13	8.7	-62	28 <sup>4</sup>	9.8✓
142	-62°	3117	13	8.8	-62	21	9.3✓
143	-62°	3123	13	9.0	-62	6	9.0✓
144	-62°	3135	13	10.1	-62	8	9.4✓
145	-62°	3159	13	11.6	-62	23	8.6✓
146	-62°	3147	13	10.7	-62	46	9.2✓
147	-63°	2697	13	11.4	-63	6	8.1✓
148	-63°	2702	13	12.2	-63	7	8.7✓
149	-62°	3171	13	12.2	-62	57	9.2✓
150	-62°	3174	13	12.4	-62	45	9.0✓
151	-62°	3178	13	12.7	-62	42	9.3✓
152	-62°	3179	13	12.8	-62	45	9.3✓
153	-62°	3186	13	13.2	-62	34	9.2✓
154	-62°	3189	13	13.5	-62	35	9.2✓
155	-63°	2714	13	13.4	-63	0	9.5✓
156	-62°	3210	13	14.9	-62	57	8.9✓
157	-63°	2711	13	13.2	-63	23	8.2✓
158	-63°	2720	13	13.9	-63	34	9.5✓
159	-63°	2677	13	9.4	-63	28	9.2✓
160	-63°	2682	13	9.8	-63	55	9.1✓
161	-63°	2688	13	10.3	-63	51	9.5✓
162	-63°	2696	13	11.2	-63	39	9.2✓

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B39228 short

No.	Int.	Class	Remark
✓ 163	2	B <sub>9</sub>	
✓ 164	4	H <sub>0</sub>	
✓ 165	2	B <sub>9</sub>	
✓ 166	2	A <sub>0</sub>	
✓ 167	4	A <sub>2</sub>	
✓ 168	1	H <sub>0</sub>	
✓ 169	1	F <sub>5</sub>	
✓ 170	3	A <sub>3</sub>	
✓ 171	2	G <sub>0</sub>	
✓ 172	2	H <sub>2</sub>	
✓ 173	2	A <sub>0</sub>	
✓ 174	1	H <sub>5</sub>	
✓ 175	3	G <sub>5</sub>	
✓ 176	2	B <sub>9</sub>	
✓ 177	3	B <sub>9</sub>	
✓ 178	6	B <sub>9</sub>	
✓ 179	4	A <sub>2</sub>	
✓ 180	2	G <sub>0</sub>	
✓ 181	2	A <sub>0</sub>	
✓ 182	5	F <sub>2</sub>	
✓ 183	4	B <sub>3</sub>	
✓ 184	2	G <sub>0</sub>	
✓ 185	2	B <sub>8</sub>	
✓ 186	3	B <sub>8</sub>	
✓ 187	4	B <sub>9</sub>	
✓ 188	3	F <sub>2</sub>	
✓ 189	1	H <sub>5</sub>	



163	-64°	2337	13	10.4	-64	2	9.2 ✓
164	-64°	2325	13	9.3	-64	22	9.2 ✓
165	-64°	2318	13	8.8	-64	23	9.2 ✓
166	-64°	2303	12 <sup>3</sup>	7.7	-64	14	9.2 ✓
167	-64°	2290	13	6.8	-64	46	9.2 ✓
168	-64°	2311	13	8.4	-64	36	9.5 ✓
169	-64°	2323	13	9.2	-64	40	9.4 ✓
170	-64°	2343	13	11.2	-64	33	9.2 ✓
171	-64°	2345	13	11.4	-64	22	9.3 ✓
172	-64°	2350	13	11.9	-64	12	9.4 ✓
173	-64°	2354	13	12.4	-64	12	9.3 ✓
174	-63°	2703	13	12.2	-63	56	9.5 ✓
175	-63°	2706	13	12.7	-63	55	9.2 ✓
176	-64°	2364	13	13.3	-64	11	9.3 ✓
177	-64°	2367	13	13.7	-64	7	9.2 ✓
178	-63°	2716	13	13.7	-63	59	8.6 ✓
179	-63°	2724	13	14.8	-63	56	8.9 ✓
180	-63°	2722	13	14.5	-63	47	9.2 ✓
181	-64°	2373	13	14.5	-64	10	9.3 ✓
182	-64°	2363	13	13.2	-64	30	9.1 ✓
183	-64°	2366	13	13.5	-64	23	9.2 ✓
184	-64°	2376	13	14.7	-64	22	9.4 ✓
185	-64°	2378	13	14.9	-64	30	9.4 ✓
186	-64°	2383	13	15.2	-64	33	9.1 ✓
187	-64°	2384	13	15.3	-64	38	9.1 ✓
188	-64°	2375	13	14.6	-64	51	9.2 ✓
189	-65°	2298	13	14.0	-65	0	9.3 ✓

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B39228 short

No.	Int.	Class	Remark
✓ 190	2	K2	
✓ 191	3	A5	
✓ 192	1	A0	Another star sup. s. p.
✓ 193	3	G5	
✓ 194	5	B9	
✓ 195	4	F5	
✓ 196	1	A0	
✓ 197	3	G0	Another star sup. s. p.
✓ 198	3	B9	
✓ 199	1	A0	
✓ 200	1	B2	
✓ 201	6	B9	
✓ 202	6	B2	
✓ 203	4	A0	
✓ 204	9	B3	
✓ 205	7	B9	
✓ 206	4	B1	Partly sup. on 205
✓ 207	3	K2	Star sup. at south, probably B9
✓ 208	3	G0	
✓ 209	2	B9	
✓ 210	4	B9	
✓ 211	3	K2	
✓ 212	4	F0	
✓ 213	5	A2	
✓ 214	2	G5	
✓ 215	8	G0	
10.37 ✓ 216	2	F0	



190	-64°	2370	13	14.0	-64	50	9.4✓
191	-64°	2356	13	12.7	-64	53	9.0✓
192	-64°	2365	13	13.4	-64	58	9.4✓ -65°
193	-64°	2386	13	15.6	-64	15	9.2✓
194	-64°	2392	13	16.4	-64	8	8.8 <sup>8</sup> ✓
195	-63°	2741	13	16.7	-63	59	9.1✓
196	-63°	2751	13	18.4	-63	50	9.2✓
197	-64°	2400	13	17.6	-64	20	9.2 -64° 2399 sup. 9.4
198	-63°	2754	13	18.8	-63	26	8.8✓
199	-63°	2750	13	18.3	-63	14	9.2✓
200	-63°	2755	13	18.9	-63	8	9.0✓
201	-63°	2760	13	19.2	-63	10	8.0✓
202	-62°	3271	13	19.2	-62	53	8.4✓
203	-62°	3275	13	20.0	-62	56	8.8✓
204	-63°	2778	13	20.7	-63	14	7.5✓
205	-63°	2770	13	20.2	-63	36	8.2✓
206	-63°	2771	13	20.2	-63	36	8.5✓
207	-63°	2773	13	20.3	-63	18	9.2✓ -63° 2772 sup. 9.0
208	-63°	2781	13	21.5	-63	36	9.2✓
209	-63°	2787	13	22.3	-63	9	9.0✓
210	-63°	2791	13	23.0	-63	2	8.7✓
211	-62°	3308	13	22.4	-62	58	9.2✓
212	-62°	3302	13	22.2	-62	45	9.0✓
213	-62°	3324	13	23.4	-62	44	8.8✓
214	-62°	3331	13	23.8	-62	58	9.3✓
215	-63°	2811	13	24.6	-63	1	7.8✓
216	-62°	3355	13	25.1	-62	51	9.1✓

11.15

Wednesday, February 25, 1914  
B 39221 short

No.	Int.	Class	Remark
✓ 217	5	F <sub>2</sub>	
✓ 218	3	A <sub>0</sub>	
✓ 219	1	A <sub>0</sub>	
✓ 220	2	K <sub>5</sub>	
✓ 221	4	K <sub>0</sub>	
✓ 222	9	B <sub>0</sub>	
✓ 223	4	B <sub>9</sub>	
✓ 224	3	A <sub>0</sub>	
✓ 225	8	B <sub>1</sub>	
✓ 226	2	F <sub>2</sub>	
✓ 227	2	B <sub>9</sub>	
✓ 228	6	B <sub>9</sub>	
✓ 229	4	A <sub>0</sub>	
✓ 230	4	B <sub>9</sub>	
✓ 231	1	B <sub>9</sub>	
✓ 232	3	A <sub>0</sub>	
✓ 233	1	A <sub>2</sub>	
✓ 234	3	B <sub>9</sub>	
✓ 235	4	A <sub>2</sub>	
✓ 236	7	B <sub>2</sub>	
✓ 237	4	K <sub>2</sub>	
✓ 238	2	A <sub>0</sub>	
✓ 239	1	K <sub>0</sub>	
✓ 240	2	K <sub>0</sub>	
✓ 241	1	A <sub>2</sub>	
✓ 242	1	K <sub>0</sub>	
✓ 243	5	K <sub>2</sub>	



217	-62°	3353	13	25.0	-62	35	9.0✓
218	-62°	3354	13	25.1	-62	32	8.9✓
219	-62°	3362	13	25.6	-62	31	9.3✓
220	-62°	3368	13	25.9	-62	25	9.5✓
221	-62°	3370	13	26.1	-62	38	9.1✓
222	-62°	3370 <sup>4</sup>	13	26.2	-62	<del>38</del> 42	<del>9.1</del> 7.6✓
223	-62°	3372	13	26.2	-62	32	9.0✓
224	-62°	3381	13	27.1	-62	38	9.2✓
225	-62°	3394	13	27.8	-62	30	8.4✓
226	-62°	3393	13	27.7	-62	23	9.2✓
227	-62°	3397	13	28.0	-62	8	9.1✓
228	-62°	3400	13	28.3	-62	34	8.6✓
229	-62°	3401	13	28.4	-62	27	8.8✓
230	-62°	3376	13	26.5	-62	59	8.9✓
231	-63°	2841	13	26.9	-63	3	9.2✓
232	-63°	2849	13	27.9	-63	9	8.9✓
233	-63°	2850	13	28.0	-63	16	9.3✓
234	-63°	2851	13	28.1	-63	4	9.1✓
235	-62°	3398	13	28.2	-62	59	9.1✓
236	-63°	2856	13	28.4	-63	0	8.3✓
237	-62°	3408	13	29.1	-62	50	9.1✓
238	-62°	3412	13	29.5	-62	55	9.2✓
239	-62°	3418	13	30.0	-62	56	9.5✓
240	-63°	2872	13	30.1	-63	7	9.3✓
241	-63°	2853	13	28.3	-63	13	9.3✓
242	-63°	2852	13	28.3	-63	25	9.5✓
243	-63°	2857	13	28.5	-63	29	9.1✓

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B39228 short

No	Int.	Class	Remarks
✓ 244	2	K <sub>0</sub>	
✓ 245	1	B <sub>9</sub>	
✓ 246	4	B <sub>9</sub>	
✓ 247	3	K <sub>0</sub>	
✓ 248	2	A <sub>3</sub>	
✓ 249	2	A <sub>2</sub>	
✓ 250	4	B <sub>9</sub>	
✓ 251	2	A <sub>0</sub>	Partly sup. on 250
✓ 252	8	B <sub>9</sub>	
✓ 253	9	B <sub>9</sub>	
✓ 254	3	A <sub>2</sub>	
✓ 255	2	B <sub>8</sub>	Partly sup. on 254
✓ 256	1	A <sub>3</sub>	The south preceding of two
✓ 257	3	B <sub>9</sub>	Another star sup?
✓ 258	4	F <sub>0</sub>	
✓ 259	6	G <sub>0</sub>	
✓ 260	1	G <sub>0</sub>	
✓ 261	2	A <sub>2</sub>	
✓ 262	10+	G	Burned out. Perhaps F.
✓ 263	3	B <sub>8</sub>	
✓ 264	2	B <sub>9</sub>	
✓ 265	3	A <sub>5</sub>	
✓ 266	2	B <sub>9</sub>	
✓ 267	2	K <sub>5</sub>	
✓ 268	2	A <sub>0</sub>	
✓ 269	2	B <sub>9</sub>	
✓ 270	4	B <sub>9</sub>	



244	-63°	2796	13	23.4	-63	27	9.2	✓
245	-63°	2815	13	24.9	-63	24	9.3	✓
246	-63°	2818 <sup>7</sup>	13	25.1	-63	21	8.9	✓
247	-63°	2821	13	25.2	-63	14	9.0	✓
248	-63°	2816	13	25.1	-63	36	9.3	✓
249	-63°	2820	13	25.2	-63	36	9.2	✓
250	-63°	2831	13	26.0	-63	54	9.1	✓
251	-63°	2832	13	26.0	-63	53	9.2	✓
252	-64°	2496	13	30.3	-64	4	7.7	✓
253	-63°	2869	13	29.8	-63	25	7.5	✓
254	-63°	2874	13	30.1	-63	27	9.2	✓
255	-63°	2873	13	30.1	-63	34	9.2	✓
256	-63°	2875	13	30.2	-63	19	9.5	-63° 2878 sup. 9.5
257	-63°	2880	13	30.5	-63	23	9.3	-63° 2881 sup. 9.5
258	-63°	2883	13	30.8	-63	21	8.9	✓
259	-63°	2899	13	31.9	-63	26	8.6	✓
260	-63°	2885	13	30.9	-63	49	9.3	✓
261	-63°	2890	13	31.2	-63	56	9.2	✓
262	-63°	2896	13	31.4	-63	57	6.8	✓
263	-63°	2898	13	31.6	-63	51	8.9	✓
264	-64°	2509	13	31.9	-64	16	8.9	✓
265	-64°	2511	13	32.3	-64	38	8.9	✓
266	-64°	2519	13	33.7	-64	57	8.9	✓
267	-65°	2426	13	32.6	-65	19	9.3	✓
268	-65°	2437	13	34.2	-65	30	9.0	✓
269	-61°	3519	13	6.3	-61	29	9.2	✓
270	-61°	3524	13	6.9	-61	22	9.0	✓

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B39228 short

No.	Int	Class	Remark
✓ 271	1	G <sub>5</sub>	
✓ 272	1	B <sub>8</sub>	
✓ 273	4	B <sub>9</sub>	
✓ 274	3	B <sub>9</sub>	
✓ 275	1	A <sub>0</sub>	
✓ 276	7	B <sub>2</sub>	
✓ 277	3	B <sub>2</sub>	
✓ 278	3	B <sub>8</sub>	
✓ 279	2	B <sub>8</sub>	
✓ 280	4	A <sub>0</sub>	
✓ 281	2	A <sub>0</sub>	
✓ 282	2	B <sub>0</sub>	
✓ 283	8	B <sub>9</sub>	
✓ 284	5	F <sub>8</sub>	
✓ 285	5	B <sub>0</sub>	
✓ 286	5	A <sub>3</sub>	
✓ 287	7	B <sub>2</sub>	
✓ 288	3	G <sub>5</sub>	
✓ 289	8	K <sub>0</sub>	
✓ 290	1	K <sub>2</sub>	
✓ 291	1	K <sub>2</sub>	Partly sup. on 292
✓ 292	4	K <sub>0</sub>	
✓ 293	3	B <sub>9</sub>	
✓ 294	4	B <sub>3</sub>	H $\beta$ bright?
✓ 295	7	F <sub>8</sub>	
✓ 296	1	B <sub>8</sub>	
✓ 297	2	A <sub>0</sub>	



271	-61°	3526	13	6.9	-61	34	9.1 ✓
272	-61°	3529	13	7.1	-61	29	9.2 ✓
273	-61°	3535	13	7.7	-61	24	8.8 ✓
274	-61°	3532	13	7.5	-61	43	8.9 ✓
275	-61°	3545	13	8.2	-61	39	9.0 ✓
276	-61°	3544	13	8.0	-61	55	8.1 ✓
277	-61°	3566	13	9.7	-61	48	9.0 ✓
278	-61°	3568	13	9.9	-61	48	8.9 ✓
279	-61°	3571	13	10.2	-61	28	9.1 ✓
280	-61°	3573	13	10.3	-61	33	8.7 ✓
281	-61°	3578	13	10.6	-61	18	9.0 ✓
282	-61°	3586	13	11.0	-61	14	9.2 ✓
283	-61°	3600	13	11.8	-61	19	8.0 ✓
284	-61°	3603	13	11.9	-61	22	8.6 ✓
285	-61°	3608	13	12.1	-61	21	8.6 ✓
286	-61°	3615	13	12.7	-61	21	8.6 ✓
287	-61°	3575	13	10.5	-61	50	8.4 ✓
288	-61°	3585	13	10.9	-61	43	9.0 ✓
289	-61°	3604	13	11.9	-61	52	8.5 ✓
290	-61°	3613	13	12.6	-61	43	9.4 ✓
291	-62°	3181	13	12.9	-62	20	9.6 ✓
292	-62°	3182	13	13.0	-62	15	9.0 ✓
293	-62°	3199	13	14.2	-62	16	9.0 ✓
294	-62°	3209	13	14.8	-62	24	8.6 ✓
295	-62°	3214	13	15.0	-62	13	8.6 ✓
296	-61°	3640	13	14.9	-61	58	9.2 ✓
297	-62°	3215	13	15.0	-62	4	9.3 ✓

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B39228 short

No.	Int.	Class	Remark.
✓ 298	1	G <sub>0</sub>	
✓ 299	1	A	Partly sup. on 298
✓ 300	2	B <sub>9</sub>	
✓ 301	1	K <sub>2</sub>	
✓ 302	5	B <sub>9</sub>	
✓ 303	1	A <sub>0</sub>	
✓ 304	5	A <sub>0</sub>	
✓ 305	4	B <sub>9</sub>	
✓ 306	5	F <sub>5</sub>	
✓ 307	9	B <sub>0</sub>	
✓ 308	7	B <sub>9</sub>	
✓ 309	1	A <sub>0</sub>	
✓ 310	1	A <sub>0</sub>	
✓ 311	1	B <sub>9</sub>	
✓ 312	1	K <sub>0</sub>	
✓ 313	2	B <sub>1</sub>	
✓ 314	1	B <sub>8</sub>	
✓ 315	1	B <sub>9</sub>	
✓ 316	4	A <sub>0</sub>	
✓ 317	2	A <sub>0</sub>	
✓ 318	1	A <sub>0</sub>	
✓ 319	1	A <sub>0</sub>	
✓ 320	1	F <sub>8</sub>	
✓ 321	2	A <sub>2</sub>	The following of two
✓ 322	1	A <sub>0</sub>	
✓ 323	1	F <sub>2</sub>	
✓ 324	10	B <sub>0</sub>	



298	-62°	3206	13	14.7	-62	14	9.2✓
299	-62°	3207	13	14.8	-62	13	9.5✓
300	-61°	3659	13	16.1	-61	56	8.9✓
301	-61°	3658	13	16.1	-61	36	9.7✓
302	-62°	<del>3669</del> 3271	13	<del>16.5</del> 19.2	-62	<del>4238</del> 53	<del>8.8</del> 8.4✓
303	-63°	<del>3678</del> 2734	13	<del>17.0</del> 15.7	-63	<del>54</del> 32	9.2✓
304	-61°	3688	13	17.9	-61	55	8.4✓
305	-62°	<del>3686</del> 3266	13	<del>17.8</del> 18.8	-62	<del>45</del> 59	<del>8.8</del> 9.3✓
306	-62°	3265	13	18.8	-62	1	8.6✓
307	-62°	3270	13	19.1	-62	0	8.1✓
308	-62°	3240	13	16.8	-62	31	8.5✓
309	-62°	3235	13	16.4	-62	38	9.2✓
310	-62°	3247	13	17.5	-62	25	9.4✓
311	-62°	3245	13	17.3	-62	35	9.3✓
312	-62°	3255	13	18.1	-62	45	9.5✓
313	-63°	2734	13	15.7	-63	32	9.2✓
314	-63°	2748	13	18.1	-63	5	9.3✓
315	-62°	3266	13	18.8	-62	59	9.3✓
316	-62°	3274	13	19.7	-62	34	8.8✓
317	-62°	3279	13	20.2	-62	34	9.2✓
318	-62°	3288	13	20.8	-62	29	9.2✓
319	-62°	3286	13	20.7	-62	46	9.2✓
320	-62°	3296	13	21.6	-62	7	9.2✓
321	-62°	3305	13	22.3	-62	21	9.3✓
322	-62°	3304	13	22.3	-62	11	9.6✓
323	-62°	3312	13	22.9	-62	24	9.2✓
324	-62°	3326	13	23.6	-62	24	7.7✓

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B39228 short

No	Int.	Class	Remarks
✓ 325	5	B3	
✓ 326	4	B3	
✓ 327	2	A0	
✓ 328	2	K0	
✓ 329	2	B8	
✓ 330	2	K2	
✓ 331	8	B9	
✓ 332	4	A2	
✓ 333	1	Oc	
✓ 334	4	B2	
✓ 335	4	B?	Look up. Maybe peculiar.
✓ 336	8	K0	
✓ 337	5	G5	Comp.? Line K seems faint.
✓ 338	1	B0	
✓ 339	1	B0	
✓ 340	5	A0	
✓ 341	4	B9	
✓ 342	2	mb	
✓ 343	6	mb	
✓ 344	3	F5	
✓ 345	5	K2	
✓ 346	4	F8	
✓ 347	4	G5	
✓ 348	1	K5	
✓ 349	4	F2	
✓ 350	3	G0	
✓ 351	2	K5	



325	-62°	3329	13	23.8	-62	8	8.8	✓
326	-62°	3335	13	23.9	-62	9	9.0	✓
327	-62°	3342	13	24.4	-62	13	9.2	✓
328	-62°	3346	13	24.5	-62	14	9.1	✓
329	-62°	3350	13	24.6	-62	16	9.0	✓
330	-61°	3790	13	25.1	-61	57	9.1	✓
331	-61°	3777	13	24.2	-61	42	8.1	✓
332	-61°	3786	13	24.7	-61	44	8.8	✓
333	-61°	3791	13	25.1	-61	40	9.6	✓
334	-61°	3793	13	25.2	-61	40	8.6	✓
335	-61°	3803	13	25.8	-61	46	9.1	✓ -61° 3804 sup. 9.4
336	-61°	3819	13	26.7	-61	59	8.0	✓
337	-61°	3830	13	28.1	-61	42	8.5	✓
338	-61°	3539	13	7.8	-61	12	9.0	✓
339	-61°	3546	13	8.3	-61	6	9.0	✓
340	-61°	3552	13	8.9	-61	9	8.9	✓
341	-60°	4563	13	8.5	-60	53	8.6	✓
342	-60°	4568	13	9.4	-60	55	9.0	✓
343	-60°	4579	13	10.3	-60	40	8.7	✓ -60° 4578 sup. 9.0
344	-60°	4584	13	11.1	-60	58	8.8	✓
345	-60°	4587	13	11.4	-60	43	8.8	✓
346	-60°	4593	13	11.9	-60	51	8.9	✓
347	-60°	4598	13	12.1	-60	45	8.9	✓
348	-60°	4602	13	12.4	-60	45	9.7	✓
349	-60°	4604	13	12.6	-60	41	8.8	✓
350	-61°	3616	13	12.8	-61	5	9.2	✓
		Nb 11		12.5		53	9.7	✓
351	-60°	4614	13	14.0	-60	54	9.4	✓

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No.	Int.	Class	Remark.
✓ 352	4	B <sub>2</sub>	
✓ 353	6	B <sub>0</sub>	
✓ 354	2	A <sub>0</sub>	
✓ 355	1	A <sub>5</sub>	
✓ 356	3	B <sub>2</sub>	
✓ 357	5	A <sub>5</sub>	
✓ 358	3	B <sub>2</sub>	Partly sup. on 359
✓ 359	3	A <sub>2</sub>	✓
✓ 360	2	M <sub>2</sub>	
✓ 361	2	B <sub>5</sub>	
✓ 362	5	B <sub>3</sub>	
✓ 363	4	B <sub>2</sub>	
✓ 364	4	A <sub>5</sub>	
✓ 365	2	M <sub>0</sub>	
✓ 366	9	B <sub>8</sub>	
✓ 367	3	A <sub>0</sub>	
✓ 368	3	M <sub>0</sub>	
✓ 369	2	B <sub>8</sub>	
✓ 370	3	B <sub>3</sub>	
✓ 371	1	A <sub>0</sub>	Partly sup. on 370
✓ 372	2	K <sub>5</sub>	
✓ 373	1	A <sub>0</sub>	
✓ 374	2	A <sub>2</sub>	
✓ 375	1	M <sub>2</sub>	
✓ 376	8	G <sub>0</sub>	
✓ 377	2	B <sub>9</sub>	
✓ 378	2	B <sub>3</sub>	



352	-60°	4619	13	14.1	-60	44	8.8	✓
353	-61°	3638	13	14.8	-61	21	8.4	✓
354	-61°	3643	13	15.0	-61	12	9.0	✓
355	-61°	3649	13	15.3	-61	7	9.2	✓
356	-60°	4643	13	16.2	-60	58	8.5	✓
357	-61°	3682	13	17.3	-61	3	8.4	✓
358	-60°	4630	13	15.1	-60	30	8.7	✓
359	-60°	4633	13	15.2	-60	25	8.9	✓
360	-60°	4640	13	16.0	-60	26	9.2	✓
361	-60°	4645	13	16.4	-60	40	9.0	✓
362	-60°	4649	13	16.7	-60	22	8.5	✓
363	-60°	4651	13	16.9	-60	19	8.4	✓
364	-60°	4671	13	18.8	-60	10	8.8	✓
365	-60°	4679	13	19.3	-60	24	9.1	✓
366	-60°	4687	13	19.8	-60	25	7.5	✓
367	-60°	4680	13	19.5	-60	50	8.8	✓
368	-60°	4689	13	19.9	-60	42	9.1	✓
369	-61°	3704	13	19.2	-61	14	9.0	✓
370	-61°	3706	13	19.4	-61	28	9.0	✓
371	-61°	3709	13	19.4	-61	23	9.2	✓
372	-61°	3710	13	19.5	-61	38	9.2	✓
373	-61°	3721	13	19.9	-61	40	9.2	✓
374	-61°	3729	13	20.3	-61	41	9.2	✓
375	-61°	3735	13	21.0	-61	43	9.4	✓
376	-61°	3732	13	20.6	-61	27	8.3	✓
377	-61°	3745	13	21.9	-61	31	9.2	✓
378	-61°	3741	13	21.6	-61	46	9.0	✓

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No.	Int.	Class	Remarks
✓ 379	2	G <sub>0</sub>	
✓ 380	2	A <sub>0</sub>	
✓ 381	2	B <sub>8</sub>	
✓ 382	1	O <sub>a</sub>	
✓ 383	1	F <sub>0</sub>	
✓ 384	2	B <sub>9</sub>	
✓ 385	4	B <sub>0</sub>	
✓ 386	10	F <sub>0</sub>	
✓ 387	2	M <sub>a</sub>	
✓ 388	2	A <sub>0</sub>	
✓ 389	3	A <sub>0</sub>	Lines narrow
✓ 390	2	A <sub>0</sub>	Lines broad
✓ 391	3	K <sub>0</sub>	Partly sup. on 392
✓ 392	3	A <sub>0</sub>	
✓ 393	5	A <sub>0</sub>	
✓ 394	3	B <sub>3</sub>	
✓ 395	4	B <sub>3</sub>	
✓ 396	3	K <sub>5</sub>	
✓ 397	3	A <sub>3</sub>	
✓ 398	6	A <sub>2</sub>	
✓ 399	3	K <sub>0</sub>	
✓ 400	7	A <sub>0</sub>	
✓ 401	7	B	Another star sup at south
✓ 402	4	B <sub>9</sub>	
✓ 403	2	K <sub>5</sub>	
✓ 404	10+	G	
✓ 405	2	A <sub>0</sub>	



379	-61°	3746	13	22.0	-61	42	9.0	✓	
380	-61°	3747	13	22.0	-61	46	9.1	✓	
381	-61°	3751	13	22.3	-61	30	8.9	✓	
382	-61°	3753	13	22.6	-61	26	9.6	✓	
383	-61°	3748	13	22.1	-61	6	9.2	✓	
384	-61°	3752	13	22.5	-61	6	8.9	✓	
385	-61°	3760	13	23.0	-61	5	8.9	✓	
386	-60°	4739	13	23.3	-60	56	8.1	✓	
387	-61°	3769	13	23.9	-61	21	9.4	✓	
388	-61°	3773	13	24.0	-61	25	8.8	✓	
389	-61°	3783	13	24.6	-61	27	8.8	✓	
390	-61°	3794	13	25.3	-61	6	8.9	✓	
391	-61°	3796	13	25.4	-61	11	8.8	✓	
392	-61°	3797	13	25.4	-61	8	8.9	✓	
393	-60°	4763	13	25.5	-60	59	8.6	✓	
394	-60°	4759	13	25.2	-60	48	8.9	✓	
395	-60°	4756	13	25.1	-60	39	8.9	✓	
396	-60°	4749	13	24.2	-60	32	9.1	✓	
397	-60°	4765	13	25.8	-60	32	8.8	✓	
398	-60°	4783	13	27.6	-60	45	8.4	✓	
399	-61°	3811	13	26.4	-61	9	9.0	✓	
400	-61°	3821	13	27.0	-61	19	8.4	✓	
401	-61°	3825	13	27.3	-61	14	8.3	✓	-61° 3824 sup. 9.2
402	-61°	3831	13	28.2	-61	7	8.6	✓	
403	-61°	3835	13	28.6	-61	5	9.3	✓	
404	-61°	3841	13	28.7	-61	3	7.1	✓	
405	-61°	3854	13	29.9	-61	26	9.0	✓	

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No.	Int.	Class	Remark
✓ 406	4	K <sub>2</sub>	
✓ 407	4	A <sub>0</sub>	
✓ 408	8	A <sub>0</sub>	
✓ 409	5	K <sub>2</sub>	
✓ 410	2	K <sub>0</sub>	Partly sup. on 409
✓ 411	7	K <sub>5</sub>	
✓ 412	4	B <sub>9</sub>	
✓ 413	7	A <sub>2</sub>	
✓ 414	7	B <sub>8</sub>	
✓ 415	3	G <sub>5</sub>	
✓ 416	7	F <sub>2</sub>	
✓ 417	5	B <sub>8</sub>	
✓ 418	2	A <sub>0</sub>	
✓ 419	1	A <sub>0</sub>	
✓ 420	2	K <sub>2</sub>	
11.54 ✓ 421	2	B <sub>8</sub>	
422			
423			
422	9	A <sub>0</sub>	
423	4	B	Partly sup. on 422



406	-61°	3860	13	30.2	-61	6	9.0	✓
407	-59°	4878	13	9.0	-59	48	8.9	✓
408	-59°	4884	13	9.8	-59	45	8.4	✓
409	-59°	4889	13	10.2	-59	44	8.8	✓
410	-59°	4888	13	10.1	-59	43	9.2	✓
411	-59°	4902	13	11.7	-59	59	8.7	✓
412	-60°	4594	13	11.9	-60	13	8.6	✓
413	-60°	4605	13	12.7	-60	12	8.5	✓
414	-60°	4610	13	13.5	-60	9	8.8	✓
415	-59°	4913	13	12.8	-59	57	9.0	✓
416	-60°	4573	13	10.0	-60	21	8.6	✓
417	-60°	4569	13	9.4	-60	24	8.5	✓
418	-60°	4580	13	10.3	-60	32	9.0	✓
419	-60°	4577	13	10.0	-60	37	9.3	✓
420	-60°	4566	13	8.7	-60	27	9.1	✓
421	-60°	4564	13	8.5	-60	45	9.0	✓

Identified on cards by Anne. Oct. 27, 1914

Identified in book by J.C.M. Nov. 5, 1914.

Identification compared by G.R.B. Nov. 19, 1914.

422	-62°	3570	13	37.9	-62	17	9.9	107 on B21686
423	-62°	3565	13	37.8	-62	18	9.2	✓















1914pne.proj.2164C