1914phae.proj.2161C

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1914phae.proj.216tc

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1914phae.proj.216iC

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1914phae.proj.216ic

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

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1914phae.proj.216IC

Saturday January 3, 1914

11.25 I 38634 long.

	No.	Dis.	class	Remark
✓	1	4	K0	
✓	2	4	F8	
✓	3	5	F5	
✓	4	4	K0	
✓	5	3	F5	
✓	6	2	G5	
✓	7	3	F8	
✓	8	3	F5	
✓	9	5	G0	
✓	10	7	F8	
✓	11	5	A2	
✓	12	3	K0	
✓	13	7	K0	
✓	14	5	F8	
✓	15	2	K2	
✓	16	5	K2	
✓	17	3	K2	
✓	18	3	K2	
✓	19	2	K0	
✓	20	7	F8	
✓	21	2	F8	
	22	1	K5	
✓	23	8	F2	
✓	24	2	G5	X
✓	25	2	A0	
✓	26	8	K0	
✓	27	1	K5	

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1914phaO..proj..2161C

1	+35°	1900	8	46.3	+35	40.2	7.7	✓
2	+35°	1894	8	45.1	+35	36.2	8.5	✓
3	+35°	1892	8	44.9	+35	23.8	8.0	✓
4	+35°	1886	8	43.8	+35	17.8	7.8	✓
5	+34°	1910	8	43.2	+34	38.4	8.6	✓
6	+34°	1907	8	42.6	+34	43.6	8.8	✓
7	+34°	1904	8	42.2	+34	39.5	8.9	✓
8	+35°	1881	8	42.2	+35	15.3	8.4	✓
9	+35°	1880	8	41.9	+35	20.2	8.0	✓
10	+35°	1878	8	41.6	+35	36.2	7.0	✓
11	+35°	1876	8	41.1	+35	33.3	8.0	✓
12	+35°	1875	8	40.9	+35	55.0	8.0	✓
13	+34°	1898	8	40.8	+34	14.5	7.3	✓
14	+35°	1871	8	39.2	+35	8.6	7.7	✓
15	+33°	1757	8	37.8	+33	40.8	8.8	✓
16	+34°	1894	8	37.0	+34	7.0	7.0	✓
17	+33°	1754	8	36.4	+33	46.0	7.5	✓
18	+33°	1746	8	34.4	+33	14.3	8.0	✓
19	+32°	1778	8	33.7	+32	51.9	8.6	✓
20	+32°	1779	8	33.8	+32	22.5	8.0	✓
21	+32°	1780	8	33.9	+32	14.5	8.9	✓
22	+31°	1868	8	34.6	+31	50.2	8.4	✓
23	+32°	1776	8	31.3	+32	27.9	6.5	✓
24	+33°	1742	8	33.0	+33	54.2	8.3	✓
25	+34°	1886	8	33.9	+34	7.4	9.0	✓
26	+33°	1738	8	31.5	+33	46.8	6.8	✓
27	+33°	1736	8	31.3	+33	31.3	8.0	✓

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Saturday January 3, 1914

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No.	Dist.	Class	Remarks
✓ 28	8	K0	
✓ 29	6	K5	
✓ 30	1	K5	
✓ 31	1	K0	
✓ 32	5	G5	
✓ 33	6	A2	
✓ 34	3	A3	
✓ 35	5	A5	
✓ 36	3	A5	
✓ 37	9	K0	
✓ 38	2	F8	Partly superp. on 37
39	2	K0	
✓ 40	1	K2	
✓ 41	1	F8	
✓ 42	1	K0	
✓ 43	2	K0	
✓ 44	2	G0	
- 45	1	G0	
✓ 46	1	K0	
✓ 47	2	A2	
✓ 48	1	K0	
✓ 49	1	G0	
✓ 50	3	A2	
51	1	K	Partly superp. on 50
✓ 52	2	G0	
53	2	G0	
54	2	A2	

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28	+33°	1734	8	30.9	+33	14.8	7.6	✓
29	+33°	1732	8	30.5	+33	2.5	7.2	✓
30	+32°	1774	8	30.6	+32	33.5	8.0	✓
31	+32°	1772	8	30.1	+32	18.4	8.5	✓
32	+32°	1767	8	29.0	+32	44.4	8.0	✓
33	+32°	1765	8	28.8	+32	48.2	7.5	✓ +32° 1766 subfound 9.1
34	+32°	1764	8	28.6	+32	20.2	8.3	✓
35	+33°	1730	8	29.5	+33	39.2	8.0	✓
36	+33°	1729	8	29.3	+33	58.2	8.3	✓
37	+33°	1728	8	29.3	+33	18.2	6.5	✓
38	+33°	1727	8	29.1	+33	10.1	8.5	✓
39	+35°	1857	8	31.5	+35	19.9	8.4	✓
40	+34°	1877	8	31.7	+34	23.5	8.3	✓
41	+34°	1878	8	31.9	+34	40.6	8.6	✓
42	+36°	1866	8	36.6	+36	23.0	8.8	✓
43	+35°	1851	8	29.8	+35	14.9	9.2	✓
44	+34°	1874	8	29.4	+34	59.2	8.2	✓
45	+35°	1848	8	28.6	+35	14.4	8.6	✓
46	+35°	1845	8	27.4	+35	19.5	8.6	✓
47	+35°	1839	8	24.9	+35	9.0	8.8	✓
48	+35°	1838	8	23.4	+35	3.1	8.3	✓
49	+34°	1853	8	23.5	+34	32.3	8.8	✓
50	+33°	1705	8	22.8	+33	38.7	8.8	✓
51	+33°	1706	8	22.9	+33	39.3	8.8	✓
52	+32°	1752	8	23.5	+32	56.4	8.5	✓
53	+33°	1716	8	25.9	+33	24.7	8.5	✓
54	+33°	1712	8	24.9	+33	23.0	9.2	✓

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Saturday January 3, 1914

I 38634 long

	No.	Dist.	Class	Remark
✓	55	2	K2	
✓	56	2	G0	
✓	57	1	K2	
✓	58	4	K2	
✓	59	2	K0	
✓	60	2	K0	
✓	61	1	K0	
✓	62	1	G5	
✓	63	1	G5	
✓	64	1	G0	
✓	65	2	K2	
✓	66	2	G5	
✓	67	4	G0	
✓	68	1	K2	
✓	69	2	G5	
	70	2	G0	
✓	71	1	K0	
11.37 ✓	72	1	F8	
	73			
	74			
	75			
	76	7	F8	
	74	3	K2	
	75	7	A2	
	76	5	F8	
	77	4	G0	
	78	4	G0	

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55	+31°	1833	8	24.2	+31	59.8	8.5	✓
56	+32°	1760	8	26.9	+32	18.8	8.5	✓
57	+31°	1848	8	29.7	+31	39.7	8.5	✓
58	+31°	1849	8	29.7	+31	12.5	7.5	✓
59	+31°	1857	8	31.2	+31	31.5	8.0	✓
60	+33°	1802	8	56.0	+33	26.2	8.7	✓
61	+32°	1826 (7)	8	51.8	+32	~~58.3~~ 41.8	8.5 (6)	✓
62	+32°	1826	8	51.6	+32	58.3	8.5	✓
63	+32°	1814	8	48.9	+32	3.3	8.5	✓
64	+34°	1930	8	51.2	+34	29.2	9.0	✓
65	+34°	1927	8	50.1	+34	12.6	8.5	✓
66	+34°	1915	8	46.1	+34	22.5	9.1	✓
67	+33°	1776	8	44.9	+33	36.1	8.0	✓
68	+32°	1805	8	45.8	+32	32.0	8.7	✓
69	+31°	1902	8	44.4	+31	31.1	8.9	✓
70	+31°	1901	8	44.2	+31	37.9	8.9	✓
71	+32°	1796	8	42.4	+32	16.3	8.8	✓
72	+32°	1795	8	41.9	+32	53.3	8.9	✓

Cards made out by AMC Feb. 19, 1914
Identified in book by J.C.M. Feb. 25, 1914
Identification compared book & card. G.R.B.

✓	73	+33	1765	8	41.5	+33	54	6.3	40 m ✓ 38630
✓	74	+34	1855	8	23.7	+34	53	7.5	43 m ✓ 37390
✓	75	+32	1782						35 m ✓ 38630
✓	76	+34	1885						30 m ✓ 37386
✓	77	+33	1786						114 m ✓ 37345
✓	78	+35	1913						118 " "

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1914phae.proj.2161C

Saturday January 3, 1914

11.38 [I 38635 long]

	No.	Dist.	Class	Remarks
✓	1	3	F2	
✓	2	2	K0	
✓	3	2	A2	
✓	4	3	F5	
✓	5	2	G5	
✓	6	2	K0	
✓	7	2	A2	
✓	8	2	K0	
✓	9	3	K0	
✓	10	4	A2	
✓	11	6	K0	
✓	12	3	A0	
✓	13	3	B0	
✓	14	7	K0	
✓	15	3	A0	
✓	16	4	A3	
✓	17	2	K0	
✓	18	1	K5	
✓	19	3	F5	
✓	20	1	K5	
✓	21	3	F5	E.
✓	22	3	K0	
✓	23	2	K2	
✓	24	2	A2	
✓	25	1	G5	
✓	26	2	B0	
✓	27	2	K0	

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1	+26°	1742	8	3.9	+26	41	8.5 ✓
2	+27°	1568	8	6.0	+27	33	8.4 ✓
3	+27°	1671	8	6.7	+27	34	8.8 ✓
4	+26°	1766	8	12.5	+26	47	8.6 ✓
5	+26°	1768	8	13.5	+26	22	8.4 ✓
6	+26°	1770	8	14.0	+26	11	8.2 ✓
7	+27°	1606	8	15.6	+27	26	8.6 ✓
8	+26°	1782	8	17.5	+26	59	8.5 ✓
9	+24°	1921	8	16.7	+24	49	7.8 ✓
10	+25°	1927	8	19.9	+25	1	8.8 ✓
11	+24°	1934	8	21.1	+24	50	7.0 ✓
12	+24°	1942	8	23.7	+24	38	8.7 ✓
13	+24°	1943	8	23.8	+24	14	8.7 ✓
14	+24°	1946	8	24.4	+24	34	6.5 ✓
15	+25°	1951	8	25.6	+25	5	8.7 ✓
16	+25°	1950	8	25.5	+25	45	8.0 ✓
17	+25°	1942	8	23.9	+25	33	8.5 ✓
18	+25°	1937	8	22.8	+25	28	8.8 ✓
19	+26°	1793	8	22.5	+26	39	8.3 ✓
20	+26°	1792	8	22.2	+28	30	8.5 ✓
21	+28°	1613	8	21.3	+28	34	8.7 ✓
22	+24°	1976	8	33.4	+24	18	8.0 ✓
23	+22°	1965	8	28.9	+22	29	8.6 ✓
24	+22°	1952	8	24.7	+22	22	8.8 ✓
25	+21°	1853	8	21.9	+21	20	8.9 ✓
26	+20°	~~2109~~ 2095	8	~~24.3~~ 21.0	+20	56	~~5.6~~ 8.6
27	+21°	1842	8	19.1	+21	56	8.5 ✓

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1914phae.proj.216iC

Saturday January 3, 1917

I 38635 long

	No.	Qut.	Class	Remark
✓	28	1	g_0	
✓	29	1	g_5	
✓	30	2	a_2	
✓	31	1	~~f_8~~	
✓	32	1	K_0	
✓	33	3	f_2	
✓	34	2	K_5	
✓	35	2	K_2	
✓	36	2	a_2	
✓	37	2	a_0	
✓	38	2	K_0	
✓	39	2	g_5	
11.46 ✓	40	1	g_5	
	~~41~~			
	~~42~~			
	~~43~~			
	41	2	a_2	
	42	1	F_0	
	43	2	F_5	
	44	2	a	

Cmch. 135, 44

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28	+23°	1958	8	18.5	+23	50	8.7	✓
29	+24°	1925	8	18.5	+24	12	8.4	✓
30	+22°	1931	8	17.0	+22	57	8.9	✓
31	+22°	1928	8	16.7	+22	18	8.9	✓
32	+23°	1940	8	13.5	+23	33	8.5	✓
33	+24°	1913	8	13.3	+24	29	8.5	✓
34	+25°	1899	8	11.2	+25	12	8.3	✓
35	+24°	1950	8	25.7	+24	28	8.5	✓
36	+22°	1880	8	4.2	+22	49	9.0	✓
37	+21°	1790	8	5.5	+21	48	9.1	✓
38	+24°	1922	8	16.8	+24	1	8.2	✓
39	+23°	1967	8	22.2	+23	58	9.0	✓
40	+24°	1935	8	21.1	+24	5	9.1	✓

Identified on cards by AMC. June 4, 1914
Identified in book by J.C.M. June 5, 1914.
Identification compared, cards + book by G.R.C.

✓	41	+25	1876	8	9.6	+25	52	8.9	55	〃	〃	37503
✓	42	+25	1891	8	8.6	+25	7	8.8	57	〃	〃	
✓	43	+25	1873	8	3.9	+25	16	9.5	63	〃	〃	
✓	44	+26	1730	8	1.5	+26	19	8.7	67	〃	〃	

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1914phae.proj.216IC

Saturday January 3, 1914

11.52 T I 38 637 long.

No	Dur.	Class	Remarks
1	2	G	
2	3	F0	
3	2	F5	
4	4	F8	
5	4	A2	
6	2	K0	
7	1	F5	
8	2	F5	
9	8	K0	
10	2	K0	
11	2	A0	E
12	2	G0	
13	2	G5	
14	3	A2	
15	3	K0	
16	3	G0	
17	2	A3	
18	2	G5	
19	1	K2	
20	1	K0	
21	4	K0	
22	4	G5	
23	1	A	Partly super. on 22
24	2	K0	
25	2	K0	
26	3	G5	
11.59 27	2	F8	

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1	+29	1755	8	19.0	+29	33.1	8.8 ✓
2	+31	1818	8	20.3	+31	17.0	8.8 ✓
3	+31	1819	8	20.8	+31	51.5	8.2 ✓
4	+30	1731	8	27.1	+30	31.5	8.5 ✓
5	+30	1738	8	29.3	+30	31.3	8.3 ✓
6	+30	1751	8	32.8	+30	30.4	8.7 ✓
7	+31	1864	8	33.1	+31	24.6	9.0 ✓
8	+29	1817	8	33.9	+29	54.3	8.8 ✓
9	+31	1876	8	36.4	+31	13.0	6.3 ✓
10	+31	1884	8	39.9	+31	1.4	8.5 ✓
11	+28	1650	8	40.5	+28	51.9	9.0 ✓
12	+28	1648	8	39.1	+28	30.6	8.4 ✓
13	+29	1820	8	36.7	+29	46.6	8.5 ✓
14	+29	1811	8	33.3	+29	11.2	8.7 ✓
15	+29	1803	8	31.9	+29	4.9	8.5 ✓
16	+29	1797	8	31.0	+29	0.3	8.6 ✓
17	+28	1631	8	30.5	+28	49.1	9.4 ✓
18	+29	1798	8	31.2	+29	47.3	8.4 ✓
19	+29	1804	8	32.1	+29	42.1	8.6 ✓
20	+29	1786	8	27.7	+29	26.2	8.7 ✓
21	+29	1785	8	27.5	+29	11.5	8.0 ✓
22	+28	1624	8	25.8	+28	56.0	8.5 ✓
23	+28	1623	8	25.8	+28	42.7	8.9 ✓
24	+29	1778	8	24.8	+29	41.1	8.5 ✓
25	+27	1629	8	25.4	+27	54.9	8.5 ✓
26	+27	1627	8	24.9	+27	49.9	8.5 ✓
27	+26	1826	8	~~26.8~~ 31.9	+26	~~24~~ 17.3	~~8.5~~ 9.8 ✓

+26°1827 8 31.9 +26 18 9.3 superposed.

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1914phae.proj.216ic

~~Saturday~~ Monday January 5, 1914

3.00 I 38637 long.

	No.	Int.	Class	Remarks
	28	2	75	
	29	1	G	Partly superposed on 28
	30	2	75	
	31	2	7	
	32	2	G	
3.02	33	1	K2	

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28	+26	1823	8	31.7	+26	353	8.7	✓
29	+26	1822	8	31.7	+26	433	87	✓
30	+27	1640	8	28.9	+27	7.5	8.6	✓
31	+27	1636	8	28.0	+27	386	9.1	
32	+27	1631	8	26.4	+27	2.8	9.0	✓
33	+27	1651	8	32.3	+27	365	8.3	✓

+27° 1637 8 26.4 +27 40 mag. 9.5 Su compared

Identified on cards by M. A. He. aug. 29, 1914

Identified in Book by E. F. G. Aug. 31, 1914.

Identification compared by G. R. B.

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1914phae.proj.2161C

Monday January 5, 1914

3,24

B 1340 2 Short

No.	Int.	Class	Remark
v1	1	K2	
v2	1	b5	
v3	1	f0	
v4	2	a5	
v5	2	f8	
v6	1	f8	
v7	1	a2	
v8	1	K2	
v9	2	f0	
v10	4	K2	
v11	6	a5	Another star superposed at north.
v12	1	K5	
v13	8	b5	
v14	2	b5	
v15	1	f8	
v16	2	a3	
v17	7	K0	
v18	4	f8	
v19	1	K2	
v20	3	b0	
v21	2	b5	
v22	8	K0	
v23	3	a5	
v24	2	K0	
v25	5	K0	
v26	2	K2	
v27	6	f5	

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1914phae.proj.2161C

1	+ 8°	2303	9	53.2	+ 8	54.7	8.9
2	+ 9°	2275	9	51.8	+ 9	7.2	9.0
3	+ 9°	2286	9	56.4	+ 9	27.8	9.3
4	+ 9°	2288	9	56.7	+ 9	30.7	9.1
5	+ 8°	2322	10	0.6	+ 8	44.9	8.8
6	+ 9°	2304	10	0.3	+ 9	12.0	9.2
7	+ 9°	2302	9	59.5	+ 9	42.3	9.3
8	+ 9°	2314	10	3.6	+ 9	39.7	9.0
9	+ 8°	2323	10	0.7	+ 8	16.7	9.0
10	+ 7°	2235	9	59.0	+ 7	38.5	8.7
11	+ 6°	2262	10	0.1	+ 6	39.9	8.5
12	+ 6°	2260	~~10~~ 9	59.9	+ 6	46.5	9.0
13	+ 6°	2259	~~10~~ 9	59.2	+ 6	19.6	6.9
14	+ 6°	2258	~~10~~ 9	59.0	+ 6	13.9	9.2
15	+ 5°	2291	10	1.1	+ 5	13.5	8.8
16	+ 5°	2294 ~~2293~~	10	2.7 ~~2.5~~	+ 5	20.8 17.2	8.8 ~~9.5~~
17	+ 5°	2296	10	3.5	+ 5	38.1	7.9
18	+ 6°	2270	10	4.2	+ 6	1.6	8.5
19	+ 5°	2298	10	4.0	+ 5	33.5	9.0
20	+ 6°	2272	10	5.6	+ 6	12.4	8.8
21	+ 5°	2302	10	5.8	+ 5	39.8	9.0
22	+ 5°	~~2281~~ 2300	10	5.3	+ 5	19.6	6.5
23	+ 5°	2305	10	7.2	+ 5	52.6	8.9
24	+ 5°	2307	10	7.8	+ 5	57.1	8.9
25	+ 6°	2276	10	7.1	+ 6	28.7	8.2
26	+ 5°	2312	10	9.7	+ 5	38.6	8.7
27	+ 6°	2283	10	10.3	+ 6	6.2	8.7

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1914phae.proj.216ic

Monday January 5, 1914

B 13402 short

No.	Int.	Class	Remarks
~~28~~	5	F0	
29	5	F2	
30	3	F8	
31	1	F5	
32	1	G0	
33	2	K0	
34	4	F5	
35	8	A0	
36	3	F0	
37	2	K0	
38	1	K2	
39	1	F8	
40	3	K0	
41	1	F8	Partly super. on 40
42	2	K0	
43	1	K0	
44	1	F0	
45	8	F5	
46	3	F2	
47	9	K0	
48	9	F2	
49	3	K5	
50	4	F0	
51	5	A2	
52	7	F2	
53	1	K5	
54	3	G0	

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1914phae.proj.2161C

28	+5° 2314	10	10.3	+5	20.6	8.9	✓
29	+7° 2272	10	10.2	+7	8.0	8.5	✓
30	+7° 2273	10	10.6	+7	20.9	8.8	✓
31	+6° 2279	10	8.5	+6	39.4	9.0	✓
32	+7° 2266	10	8.1	+7	37.9	8.8	✓
33	+8° 2336	10	9.3	+8	57.7	8.8	✓
34	+8° 2341	10	10.6	+8	15.0	8.7	✓
35	+7° 2274	10	11.0	+7	59.9	8.5	✓
36	+8° 2314	10	12.2	+8	20.5	9.0	✓
37	+8° 2345	10	12.2	+8	10.4	9.0	✓
38	+8° 2348	10	12.7	+8	24.3	8.7	✓
39	+7° 2280	10	12.7	+7	59.9	9.1	✓
40	+7° 2375	10	11.2	+7	23.4	8.4	✓
41	+7° 2376	10	11.2	+7	21.6	9.2	✓
42	+7° 2378	10	11.9	+7	17.8	9.0	✓
43	+6° 2292	10	12.1	+6	55.0	8.9	✓
44	+6° 2293	10	12.2	+6	37.8	9.0	✓
45	+7° 2382	10	13.0	+7	8.8	8.0	✓
46	+7° 2383	10	14.2	+7	21.2	9.0	✓
47	+7° 2389	10	15.4	+7	16.6	6.5	✓
48	+6° 2301	10	15.7	+6	25.8	6.7	✓
49	+6° 2302	10	17.5	+6	18.8	8.4	✓
50	+6° 2305	10	17.8	+6	36.5	8.7	✓
51	+6° 2308	10	19.1	+6	47.3	8.5	✓
52	+7° 2306	10	19.9	+7	57.2	8.5	✓
53	+7° 2301	10	18.3	+7	35.8	8.5	✓
54	+8° 2359	10	18.5	+8	45.9	8.8	✓

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1914phae.proj.2161C

Monday January 5, 1914

B 13402 plod

No.	Dist.	class	Remark
v 55	1	K	
v 56	1	K0	
v 57	1	K2	
v 58	1	K5	
v 59	2	K5	
v 60	1	K0	
v 61	1	K5	
v 62	4	F8	
v 63	1	K0	
v 64	4	A5	
v 65	4	F8	
v 66	2	F8	
v 67	1	K0	
v 68	4	A3	
v 69	3	F0	
v 70	1	K5	
v 71	1	K2	
v 72	7	K0	
3.35 v 73	1	K5	
~~74~~			
~~75~~ 8		K0	
75 4		K0	

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1914phae.proj.2161C

55	+9°	2345	10	15.2	+9	32.7	9.1
56	+9°	2343	10	14.4	+9	13.8	9.0
57	+8°	2352	10	15.1	+8	9.2	9.0
58	+9°	2341	10	13.8	+9	49.2	9.3
59	+9°	2340	10	13.8	+9	31.1	9.0
60	+9°	2339	10	12.7	+9	38.5	9.0
61	+9°	2338	10	12.6	+9	26.6	8.8
62	+7°	2219	9	53.6	+7	54.8	8.8
63	+7°	2220	9	54.1	+7	46.3	9.0
64	+7°	2227	9	55.3	+7	48.3	8.5
65	+7°	2232	9	56.3	+7	52.8	8.7
66	+8°	2310	9	55.2	+8	25.0	9.0
67	+8°	2314	9	56.5	+8	32.4	8.8
68	+6°	2247	~~10~~ 9	55.7	+6	45.6	8.6
69	+6°	2251	~~10~~ 9	56.8	+6	43.3	8.9
70	+6°	2250	~~10~~ 9	56.8	+6	6.6	9.0
71	+5°	2279	10 9	56.9	+5	47.8	9.0
72	+5°	2280	~~10~~ 9	57.2	+5	43.5	8.1
73	+5°	2273	~~10~~ 9	55.4	+5	48.1	8.8

Identified on cards by J C M March 20, 1914.
Identified here March 31. 1914 W D W.
Identification compared cards + book by G. R. B.

74	+6	2265	10	1.7	+6	53	7.1	19 m 37724
75	+6	2268	10	3.6	+6	53	5.0	10 " "

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1914phae.proj.2161C

Monday January 5, 1914

3.37 B9463 short

	No.	Dut.	class	Remark
v	1	2	Ko	E
v	2	1	Ko	
✓	3	3	∓2	
✓	4	3	∓0	
v	5	4	∓2	
✓	6	4	∓5	
✓	7	3	∓5	Another star superposed ?
✓	8	4	∓0	
v	9	6	A0	
✓	10	4	∓2	
v	11	7	Ko	
v	12	7	∓5	
v	13	1	K5	
v	14	5	∓5	
3.40 v	15	7	Ko	
	16	3	G5	
	17	~~17~~ 3	A3	
	18	3	G0	
	19	3	G0	
	20	4	A3	

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1914phae.proj.2161C

1	+9°	2163	9	30.8	+7	~~50.4~~ 54	8.3	✓
2	+8	2257	9	34.5	+8	142	8.8	✓
3	+7	2175	9	37.1	+7	49.4	9.2	✓
4	+5	2227	9	36.8	+5	35.5	8.6	✓
5	+7	2183	9	40.0	+7	29.0	8.8	✓
6	~~+7~~ +8	~~2196~~ 2274	9	~~44.5~~ 42.8	~~+7~~ +8	~~84~~ 79	9.0	✓
7	+7	~~2205~~ 2196	9	~~47.0~~ 44.5	+7	~~45.7~~ 84	90	✓ +7° 2197 Magn. 9.5 super.
8	+7	~~2206~~ 2205	9	47.2	+7	~~51.0~~ 45.7	~~8.3~~ 9.0	✓
9	+7	2206	9	47.2	+7	51.0	8.3	✓
10	+8	2287	9	47.9	+8	46.4	9.0	✓
11	+6	2237	9	51.1	+6	48.4	8.0	✓
12	+6	2240	9	52.6	+6	56.1	8.0	✓
13	+5	2269	9	53.4	+5	42.2	8.2	✓
14	+5	2274	9	55.7	+5	22.0	8.4	✓
15	+4	2283	9	56.1	+4	40.1	7.5	✓

Identified on cards by AMC. May 5, 1914
Identified on plate by E.F.G. May 7, 1914
Identification compared cards & Cook. by G.R.B.

✓	16	+8°	2281	9	~~44.5~~	~~+8~~	~~48~~	8.5	59	m	37610
✓	17	+8	2276	9	~~43.4~~	~~+8~~	~~45~~	9.0	58	"	"
✓	18	+8	2258	9	34.2	~~+8~~	~~4~~	8.8	44	"	"
✓	19	+7	2159	9	28.9	+7	~~46~~	8.1	24	"	"
✓	20	+8	2296	9	57.5	~~+8~~	7	8.7	3	m	37724

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1914phae.proj.2161C

Tuesday January 6, 1914

10.10

I 38639 long

	No.	Dist.	Class	Remarks
✓	1	1	G5	
✓	2	2	F8	
✓	3	2	K0	
✓	4	1	K0	
✓	5	3	K0	
✓	6	2	F2	
✓	7	1	K0	
✓	8	3	K5	
✓	9	4	G5	
✓	10	4	A5	
✓	11	2	G5	
✓	12	2	K2	
✓	13	9	B9	
✓	14	3	F5	
✓	15	2	F5	
✓	16	3	K5	
✓	17	1	K0	
✓	18	1	K5	
✓	19	2	Ma	
✓	20	2	Ka~~K0~~	
✓	21	2	K0	Nearly all superposed on 20
✓	22	1	A,	E
✓	23	2	G5	
✓	24	1	F8	
✓	25	1	G5	
✓	26	2	F8	
✓	27	1	G5	

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1914phat..proj..21015

1	+40°	2147	8	55.8	+40	6.2	8.6	✓
2	+41°	1906	8	53.8	+41	8.1	8.8	✓
3	+41°	1910	8	54.8	+41	6.2	8.5	✓
4	+41°	1912	8	55.1	+41	11.4	8.7	✓
5	+41°	1911	8	54.9	+41	54.8	8.5	✓
6	+42°	1965	8	56.9	+42	16.9	8.6	✓
7	+41°	1914	8	56.7	+41	37.4	9.1	✓
8	+41°	1922	8	59.0	+41	44.2	8.5	✓
9	+42°	1969	8	58.9	+42	45.8	8.5	✓
10	+43°	1885	9	0.6	+43	31.7	8.2	✓
11	+42°	1975	9	3.9	+42	55.7	8.8	✓
12	+43°	1896	9	5.6	+43	10.4	8.5	✓
13	+43°	1893	9	4.3	+43	48.6	5.0	✓
14	+44°	1846	9	5.1	+44	2.6	8.5	✓
15	+44°	1845	9	4.2	+44	24.7	8.6	✓
16	+44°	1843	9	3.8	+44	54.1	8.0	✓
17	+44°	1847	9	5.6	+44	38.9	8.7	✓
18	+44°	1850	9	6.6	+44	10.2	8.5	✓
19	+45°	1694	9	6.3	+45	17.8	8.6	✓
20	+43°	1901	9	7.6	+43	40.7	8.5	✓
21	+43°	1900	9	7.6	+43	33.3	8.7	✓
22	+44°	1854	9	10.0	+44	6.6	9.2	✓
23	+44°	1857	9	13.2	+44	12.1	8.6	✓
24	+44°	1781	8	34.1	+44	0.9	8.4	✓
25	+44°	1780	8	34.0	+44	33.5	8.7	✓
26	+44°	1783	8	35.2	+44	42.3	8.4	✓
27	+44°	1787	8	37.6	+44	1.4	9.0	✓

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1914phae.proj.216ic

Tuesday January 6, 1914

I 38 b 39 long

	No.	Dist.	Class	Remark
✓	28	2	K0	
✓	29	2	K2	
	30	1	F5	
✓	31	2	F5	
✓	32	4	F5	
✓	33	6	F8	
✓	34	5	G0	
✓	35	3	F8	
✓	36	2	G0	
✓	37	4	G5	
✓	38	4	G0	
✓	39	1	F8	
	40	3	F8	
✓	41	3	K2	
✓	42	1	F8	
✓	43	1	G5	
✓	44	1	K0	
✓	45	1	K5	
✓	46	1	K2	
✓	47	1	K0	
✓	48	2	O3	
✓	49	1	F5	
✓	50	4	F2	
✓	51	5	K2	
✓	52	7	F5	
✓	53	1	F8	
✓	54	3	G2	

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1914phae.proj.21616

28	+43°	1858	8	39.2	+43	41.0	8.3	✓
29	+44°	1792	8	41.0	+44	2.4	8.3	✓
30	+43°	1861	8	41.9	+43	38.5	8.6	✓
31	+45°	1643	8	40.2	+45	30.3	8.5	✓
32	+45°	1650	8	42.5	+45	25.4	8.0	✓
33	+44°	1798	8	45.0	+44	8.5	7.8	✓
34	+44°	1804	8	46.4	+44	12.8	8.5	✓
35	+44°	1801	8	45.8	+44	44.4	8.8	✓
36	+44°	1805	8	46.5	+44	41.3	8.6	✓
37	+44°	1806	8	46.8	+44	48.4	8.5	✓
38	+44°	1809	8	49.2	+44	58.8	8.5	✓
39	+44°	1810	8	49.4	+44	51.9	9.0	✓
40	+44°	1813	8	51.9	+44	14.6	8.5	✓
41	+43°	1871	8	50.9	+43	27.5	8.4	✓
42	+42°	1954	8	50.5	+42	55.9	8.6	✓
43	+43°	1869	8	50.7	+43	4.9	8.6	✓
44	+42°	1942	8	45.5	+42	56.0	8.7	✓
45	+42°	1940	8	43.9	+42	31.5	8.3	✓
46	+42°	1935	8	~~42.6~~ 43.0	+42	~~32.9~~ 50.6	~~6.2~~ 9.4	
47	+42°	1934	8	42.3	+42	58.1	9.0	✓
48	+45°	1666	8	52.2	+45	43.1	8.8	✓
49	+44°	1814	8	53.0	+44	3.1	9.2	✓
50	+44°	1815	8	54.3	+44	15.6	8.7	✓
51	+44°	1817	8	54.8	+44	0.8	8.0	✓
52	+44°	1820	8	55.2	+44	2.0	8.1	✓
53	+43°	1875	8	54.0	+43	20.5	9.0	✓
54	+43°	1876	8	54.8	+43	5.9	9.0	✓

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1914phae.proj.2161C

Tuesday January 6, 1914

I 38639 long

		No.	Dur.	Class	Remark
	v	55	2	K0	
	✓	56	2	K0	
	✓	57	3	K0	
	✓	58	2	G5	
	v	59	1	K0	
	✓	60	1	K5	
	✓	61	2	F5	
	v	62	3.	A5	Maybe Comp.
10.21	✓	63	2	G5	
1030	✓	64	4	K0	
+	v	65	1	G5	
	✓	66	1	G5	
	✓	67	1	K2	
	✓	68	1	[illegible]	
	v	69	1	G	E
	✓	70	2	K0	
	✓	71	1	K2	
	✓	72	2	K0	
	v	73	1	K0	Nearly all emiss. on 72
	✓	74	2	G5	
	✓	75	1	K2	
	✓	76	[illegible]	[illegible]	
		~~80~~			
		77	2	K0	
		78	2	G0	

cont. 135, 126

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1914phae..proj.21610

55	+44°	1821	8	55.8	+44	38.6	8.7	✓
56	+44°	1822	8	56.1	+44	29.6	8.8	✓
57	+45°	1675	8	56.5	+45	26.5	8.4	✓
58	+45°	1680	8	57.6	+45	45.1	8.4	✓
59	+45°	1682	8	58.4	+45	45.1	8.8	✓
60	+45°	1683	8	59.3	+45	58.9	8.5	✓
61	+45°	1686	9	0.4	+45	4.3	8.7	✓
62	+44°	1836	9	0.9	+44	47.4	8.4	✓
63	+44°	1832	8	59.4	+44	37.0	8.7	✓
64	+44°	1861	9	15.8	+44	38.5	7.8	✓
65	+45°	1713	9	14.2	+45	18.3	9.0	✓
66	+45°	1709	9	12.3	+45	32.1	8.6	✓
67	+43°	1903	9	9.7	+43	7.0	8.6	✓
68	+44°	1803	8	46.4	+44	53.9	9.0	✓
69	+44°	1768	8	29.1	+44	50.7	8.8	✓
70	+44°	1769	8	29.4	+44	44.3	7.5	✓
71	+44°	1770	8	29.6	+44	46.8	7.5	✓
72	+43°	1842	8	30.5	+43	59.5	8.5	✓
73	+43°	1843	8	30.5	+43	51.0	8.5	✓
74	+44°	1774	8	31.0	+44	1.5	9.0	✓
75	+43°	1844	8	30.8	+43	38.5	8.8	✓
76	+43°	1846	8	33.1	+43	21.6	8.9	✓

Identified on cards by AMC. Mar. 9, 1914
Identified in book by JBM March 12, 1914
Identification compared, cards + book. by G.R.B.

✓ 77	+44	1785	8	36.0	+44	11	8.0	12 s m I 37390
✓ 78	+40	2172	9	3.5	+40	35	8.5	7 m I 37409

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1914phae.proj.2161C

Tuesday January 6, 1914

11.12 I 38638 long.

	No.	Int.	class	Remarks
✓	1	5	K0	
✓	2	4	G0	
·	3	7	Ma	
✓	4	3	K0	
✓	5	3	G5	
✓	6	7	G5	
✓	7	3	A5	
✓	8	7	K5	
✓	9	3	K0	
✓	10	1	F5	
✓	11	5	F5	
✓	12	3	G5	
✓	13	2	F5	
✓	14	4	F8	
✓	15	8	A2	
✓	16	1	A0	
✓	17	6	A0	
✓	18	1	K5	Perhaps Ma.
✓	19	5	K2	
✓	20	2	F8	
✓	21	4	A2	
✓	22	2	K0	
✓	23	3	F	
✓	24	3	K2	
✓	25	2	F5	
✓	26	10	F8	
✓	27	4	K0	

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1914phae.proj.2161c

1	+56°	1397	9	31.1	+56	31.1	6.5	✓
2	+56°	1400	9	33.5	+56	37.2	7.5	✓
3	+57°	1231	9	36.2	+57	47.0	5.0	✓
4	+57°	1234	9	39.2	+57	54.0	7.8	✓
5	+58°	1220	9	43.7	+58	21.6	7.4	✓
6	+58°	1224	9	47.1	+58	5.5	6.2	✓
7	+57°	1239	9	49.1	+57	36.7	8.6	✓
8	+57°	1242	9	49.9	+57	29.8	5.0	✓
9	+57°	1240	9	49.6	+57	9.1	7.5	✓
10	+57°	1243	9	50.7	+57	39.5	8.9	✓
11	+57°	1245	9	52.5	+57	57.4	7.8	✓
12	+58°	1232	9	53.4	+58	14.1	8.7	✓
13	+58°	1233	9	54.1	+58	9.6	8.1	✓
14	+58°	1231	9	53.2	+58	48.1	7.4	✓
15	+58°	1244	9 & 10	3.6	+58	42.1	7.0	✓
16	+57°	1251	10	3.2	+57	7.2	9.0	✓
17	+56°	1443	10	4.6	+56	54.5	7.8	✓
18	+56°	1441	10	3.6	+56	37.3	8.4	✓
19	+56°	1447	10	7.9	+56	37.4	7.3	✓
20	+56°	1449	10	10.7	+56	34.6	8.8	✓
21	+56°	1450	10	11.6	+56	15.6	8.5	✓
22	+57°	1266	10	14.1	+57	15.0	8.0	✓
23	+57°	1269	10	17.5	+57	13.7	8.4	✓
24	+57°	1272	10	21.3	+57	18.9	7.8	✓
25	+57°	1271	10	21.0	+57	6.3	8.5	✓
26	+56°	1459	10	21.4	+56	42.7	4.7	✓
27	+55°	1394	10	20.5	+55	34.1	7.4	✓

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Tuesday January 6, 1914

I 38638 long.

	No.	Int.	Class	Remark
✓	28	1	A0	
✓	29	3	F2	
✓	30	5	B5	
✓	31	2	K2	
✓	32	3	K0	
✓	33	6	F5	
	34	4	K0	E
	35	3	K5	E
✓	36	1	A0	
✓	37	2	B0	
✓	38	4	A3	
✓	39	2	F8	
✓	40	3	F5	
✓	41	8	A2	
✓	42	6	F0	
✓	43	1	K2	
✓	44	6	K0	
✓	45	2	A2	
✓	46	3	F5	
✓	47	10	A2	
✓	48	1	A0	
✓	49	3	K0	
✓	50	1	K2	
✓	51	6	Ma	
✓	52	1	F8	Partly superp. on 51
✓	53	1	K0	
✓	54	2	F5	

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28	+55°	1395	10	20.7	+55	39.1	8.9	✓
29	+55°	1397	10	22.4	+55	17.7	8.8	✓
30	+55°	1390	10	17.1	+55	8.2	7.0	✓
31	+54°	1376	10	17.5	+54	43.0	8.2	✓
32	+54°	1377	10	18.5	+54	24.7	8.0	✓
33	+53°	1404	10	16.8	+53	22.0	7.5	✓
34	+54°	1316	9	29.9	+54	9.1	7.0	✓
35	+54°	1319	9	30.7	+54	1.6	7.3	✓
36	+54°	1322	9	31.7	+54	10.5	8.8	✓
37	+53°	1354	9	31.8	+53°	50.3	9.0	✓
38	+53°	1356	9	33.3	+53	46.5	8.3	✓
39	+53°	1357	9	33.7	+53	39.5	8.3	✓
40	+53°	1358	9	34.8	+53	27.6	8.3	✓
41	+55°	1345	9	33.1	+55	1.8	6.7	✓
42	+54°	1329	9	38.6	+54	55.9	7.4	✓
43	+54°	1330	9	39.0	+54	37.8	8.3	✓
44	+53°	1361	9	39.9	+53	33.8	7.2	✓
45	+53°	1368	9	41.3 ~~40.9~~	+53	53.1 ~~48.1~~	8.8 ~~9.0~~	✓
46	+53°	1366	9	42.3	+53	49.3	8.7	✓
47	+54°	1331	9	42.2	+54	45.1	5.0	✓
48	+55°	1352	9	40.8	+55	11.6	9.1	✓
49	+56°	1412	9	43.6	+56	26.7	8.2	✓
50	+56°	1413	9	44.5	+56	46.6	8.8	✓
51	+54°	1337	9	46.6	+54	56.6	7.0	✓
52	+54°	1338	9	46.6	+54	44.2	8.7	✓
53	+55°	1356	9	48.9	+55	45.5	9.0	✓
54	+55°	1357	9	49.6	+55	29.8	8.8	✓

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Tuesday January 6, 1914

I 38638 long.

	No.	Dist.	Class	Remark
✓	55	1	F2	
✓	56	3	b5	
✓	57	1	A3	
✓	58	4	F5	
✓	59	5	K0	
✓	60	5	F2	
✓	61	3	b5	
✓	62	2	K5	Partly super. on 61
✓	63	1	b5	
✓	64	1	K2	
✓	65	1	K5	
✓	66	9	F5	
✓	67	1	K0	
✓	68	2	K0	
✓	69	5	K0	
✓	70	2	K5	Partly superposed on 71
✓	71	2	b0	
✓	72	1	K2	
✓	73	1	K0	
✓	74	1	b5	
✓	75	7	F8	
✓	76	2	F8	
✓	77	4	F8	
✓	78	7	K0	
✓	79	5	b0	
✓	80	6	a2	
✓	81	2	F5	

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55	+55°	1359	9	51.3	+55	48.5	8.5
56	+56°	1421	9	51.8	+56	19.3	8.2 ✓
57	+56°	1423	9	52.5	+56	46.6	9.0 ✓
58	+57°	1246	9	53.4	+57	21.9	7.8 ✓
59	+56°	1430	9	56.7	+56	30.1	7.5 ✓
60	+56°	1431	9	57.1	+56	21.4	8.0 ✓
61	+56°	1435	10	0.1	+56	15.4	8.5 ✓
62	+56°	1434	9	59.9	+56	0.1	8.0 ✓
63	+55°	1366	10	0.1	+55	48.0	9.0 ✓
64	+55°	1365	9	58.8	+55	50.8	8.5 ✓
65	+55°	1364	9	57.1	+55	31.2	8.6 ✓
66	+54°	1348	9	54.9	+54	34.9	6.2 ✓
67	+55°	1362	9	55.0	+55	3.4	8.8 ✓
68	+54°	1346	9	53.5	+54	33.9	8.8 ✓
69	+54°	1347	9	53.8	+54	4.0	8.2 ✓
70	+56°	1428	9	55.2	+56	10.1	8.0 ✓
71	+56°	1427	9	55.1	+56	9.0	9.2 ✓
72	+56°	1426	9	54.9	+56	51.5	9.0 ✓
73	+54°	1344	9	51.9	+54	20.2	8.5 ✓
74	+54°	1345	9	52.5	+54	3.4	8.9 ✓
75	+53°	1378	9	51.2	+53	49.2	7.5 ✓
76	+53°	1377	9	51.0	+53	46.2	8.7 ✓
78	+53°	1375	9	49.4	+53	57.5	8.3 ✓
79	+52°	1431	9	46.4	+52	57.3	7.2 ✓
80	+52°	1436	9	48.7	+52	15.6	8.0 ✓
80	+52°	1438	9	49.2	+52	45.6	8.0 ✓
81	+52°	1439	9	49.5	+52	33.9	8.8 ✓

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Tuesday January 6, 1914

[I 38638 long.

	No.	Dec.	Class	Remark
✓	82	3	F8	
✓	83	2	K0	
✓	84	1	K0	
✓	85	1	K2	
✓	86	8	A2	
✓	87	5	A0	
✓	88	3	A3	
✓	89	3	K0	
✓	90	2	K0	
✓	91	1	K0	
✓	92	4	G5	
✓	93	2	G5	Partly superposed on 92
✓	94	2	K5	
✓	95	3	F2	
✓	96	1	K0	
✓	97	4	K0	
✓	98	2	F5	
✓	99	7	K0	
✓	100	8	F8	
✓	101	3	F8	
✓	102	1	K2	
✓	103	1	K2	
✓	104	3	F8	
✓	105	2	K0	
✓	106	7	G0	
✓	107	6	G0	
✓	108	8	A3	

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82	+52°	1442	9	51.5	+52	36.8	8.2	✓
83	+53°	1380	9	52.5	+53	5.2	8.5	✓
84	+52°	1445	9	52.3	+52	49.5	~~8.0~~ 9.0	✓
85	+52°	1446	9	52.4	+52	32.3	8.9	✓
86	+53°	1384	9	55.6	+53	3.3	6.5	✓
87	+53°	1387	9	58.2	+53	55.0	8.0	✓
88	+53°	1388	9	58.7	+53	47.2	8.5	✓
89	+53°	1391	9	59.6	+53	45.2	8.0	✓
90	+54°	1355	10	3.0	+54	12.3	8.0	✓
91	+54°	1356	10	3.4	+54	12.3	8.5	✓
92	+54°	1360	10	5.2	+54	29.1	8.0	✓
93	+54°	1359	10	5.0	+54	16.7	8.4	✓
94	+55°	1372	10	5.8	+55	24.8	8.3	✓
95	+55°	1375	10	7.3	+55	27.8	8.6	✓
96	+55°	1377	10	7.6	+55	40.1	9.0	✓
97	+55°	1384	10	9.8	+55	26.8	7.8	✓
98	+55°	1386	10	11.6	+55	44.2	9.1	✓
99	+54°	1367	10	11.1	+54	56.3	6.5	✓
100	+54°	1366	10	10.9	+54	30.9	7.0	✓
101	+54°	1365	10	10.2	+54	15.2	8.5	✓
102	+54°	1363	10	9.6	+54	31.0	8.5	✓
103	+54°	1362	10	9.3	+54	12.8	9.0	✓
104	+53°	1397	10	8.2	+53	0.8	8.0	✓
105	+52°	1470	10	8.8	+52	31.4	8.0	✓
106	+52°	1473	10	9.8	+52	7.7	6.7	✓
107	+52°	1461	10	3.6	+52	12.7	7.3	✓
108	+51°	1585	10	4.5	+51	12.7	6.5	✓

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Tuesday January 6, 1914

I 38638 long.

	No.	Int.	Class	Remark
✓	109	1	F5	E.
✓	110	1	K5	E
✓	111	6	A2	
✓	112	4	F5	
✓	113	5	A2	
✓	114	1	K0	
✓	115	4	F2	
✓	116	1	K2	
✓	117	2	K5	
✓	118	3	B0	
✓	119	1	K0	
✓	120	3	F5	
✓	121	3	F0	
✓	122	3	F2	
✓	123	2	F8	
✓	124	1	F8	
✓	125	1	B5	
✓	126	3	K5	
✓	127	2	A3	
✓	128	3	A0	
✓	129	4	B0	E
✓	130	2	A	E
✓	131	2	B5	E
✓	132	3	Ma	E
✓	133	3	B5	E.
✓	134	4	B8	E
✓	135	2	K0	E

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109	+50°	1729	10	5.2	+50	29.1	8.9	✓
110	+51°	1590	10	6.7	+51	3.6	8.2	✓
111	+51°	1577	9	59.8	+51	32.9	7.1	✓
112	+51°	1573	9	56.4	+51	38.8	7.5	✓
113	+52°	1450	9	56.1	+52	6.4	7.7	✓
114	+52°	1453	9	57.6	+52	52.4	9.2	✓
115	+51°	1566	9	52.4	+51	11.6	7.5	✓
116	+51°	1564	9	50.9	+51	18.5	8.6	✓
117	+51°	1563	9	50.8	+51	55.8	8.3	✓
118	+51°	1561	9	49.7	+51	40.8	8.5	✓
119	+51°	1560	9	49.4	+51	21.0	9.0	✓
120	+51°	1557	9	46.4	+51	53.0	8.4	✓
121	+52°	1428	9	44.0	+52	40.6	8.8	✓
122	+52°	1427	9	42.3	+52	16.0	8.5	✓
123	+52°	1426	9	41.3	+52	42.0	8.5	✓
124	~~+58°~~ +53°	~~1426~~ 1362	9	~~41.3~~ 40.8	~~+52~~ +53	~~42.0~~ 29.8	~~8.5~~ 9.1	✓
125	+53°	1363	9	40.9	+53	48.1	9.0	✓
126	+52°	1424	9	40.4	+52	5.0	8.0	✓
127	+51°	1551	9	41.5	+51	41.9	9.0	✓
128	+51°	1549	9	40.4	+51	47.8	8.8	✓ +51° 1550 super. 9.0
129	+50°	1689	9	42.4	+50	17.1	7.5	✓
130	+50°	1687	9	39.6	+50	51.2	8.6	✓
131	+51°	1543	9	37.9	+51	37.4	8.5	✓
132	+51°	1536	9	32.9	+51	56.6	7.5	✓
133	+51°	1537	9	33.2	+51	14.8	8.0	✓
134	+52°	1413	9	31.6	+52	46.9	8.2	✓
135	+53°	1353	9	31.1	+53	16.4	8.0	✓

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Tuesday January 6, 1914

I 38638 long.

No.	Dist.	class	Remarks
✓136	2	G	E
11.35 ✓137	2	K0	
~~138~~			

138 2 K0 Partly super. on 129

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136	+52°	1408	9	29.2	+52	58.7	8.0 ✓
137	+52°	1416	9	34.9	+52	2.9	8.8 ✓

Identified on cards by A.M.C. Mar. 9, 1914
Identified in book by J.C.M. March 10, 1914
Identification compared, cards & book, G.K.B.

✓ 138	+50°	1690	9	42.4	+50	2.5	7.5

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1914phae.proj.2161C

10.48 Wednesday, January 7, 1914

I 38242 long

G.M.T.	Rec.	No.	Int.	Class	Remark
	✓	1	5	Q_0	
	✓	2	3	K_2	
	✓	3	3	K_0	
	✓	4	3	Q_3	
	✓	5	2	K_2	
	✓	6	5	Q_5	
	✓	7	3	K_0	
	✓	8	1	g_5	
	✓	9	2	K_0	
	✓	10	3	K_0	
	✓	11	4	Q_2	
	✓	12	2	Q_5	
		13	1	K_0	
	✓	14	2	f_8	
	✓	15	2	K_0	
	✓	16	7	Q_3	
	✓	17	4	K_2	
	✓	18	4	g_0	
	✓	19	1	K_0	
	✓	20	9	B_9	
	✓	21	5	K_5	
	✓	22	1	g	
	✓	23	5	g_5	
	✓	24	5	g_5	
	✓	25	8	g_5	
	✓	26	5	Q_0	
	✓	27	4	f_8	

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1914phae.proj.2161C

1	−2° 3067	~~10~~ 9	59.6	−2	35	7.6	✓
2	−1° 2352	10	0.6	−1	50	8.6	✓
3	−2° 3069	~~9~~ 10	1.2	−2	46	7.5	✓
4	−3° 2856	10	1.2	−3	26	8.2	✓
5	−3° 2860	10	2.2	−3	14	8.2	✓
6	−2° 3097	10	7.4	−2	9	7.8	✓
7	−1° 2365	10	8.5	−1	18	8.3	✓
8	−1° 2366	10	8.5	−1	42	8.7	✓
9	−1° 2369	10	9.2	−1	33	8.2	✓
10	−2° 3108	10	9.4	−2	4	7.7	✓
11	−2° 3110	10	10.2	−2	49	8.2	✓
12	−3° 2887	10	10.6	−3	6	8.5	✓
13	−3° 2890	10	11.0	−3	9	8.6	✓
14	−2° 3111	10	11.0	−2	43	8.8	✓
15	−2° 3118	10	12.3	−2	59	8.6	✓
16	−3° 2900	10	12.8	−3	37	8.0	✓
17	−3° 2904	10	14.2	−3	8	8.0	✓
18	−3° 2907	10	15.1	−3	42	8.2	✓
19	−3° 2909	10	15.3	−3	1	8.7	✓
20	−3° 2911	10	16.1	−3	21	6.3	✓
21	−2° 3132	10	16.2	−2	55	6.7	✓
22	−2° 3133	10	16.2	−2	19	8.9	✓
23	−1° 2382	10	16.4	−1	33	7.8	✓
24	−0° 2328	10	14.6	−0	1	7.3	✓
25	−0° 2332	10	16.0	−0	10	6.5	✓
26	−0° 2337	10	17.4	−0	4	7.8	✓
27	+0° 2650	10	17.4	+0	20	8.0	✓

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Wednesday, January 7, 1914
I 38242 long

No.	Int.	Class	Remark
✓ 28	4	K2	
✓ 29	4	K0	
✓ 30	3	K0	
✓ 31	3	A2	
✓ 32	2	G5	
✓ 33	3	F2	
✓ 34	4	F0	
✓ 35	8	K0	
✓ 36	10	A0	
✓ 37	1	G0	
✓ 38	4	G0	
✓ 39	3	F2	
✓ 40	10	A0	
✓ 41	2	K2	
✓ 42	2	K0	
✓ 43	1	K0	
✓ 44	2	K0	
✓ 45	7	F8	
✓ 46	10	B8	
✓ 47	1	G5	
✓ 48	1	F8	
✓ 49	1	G5	
✓ 50	7	F5	
✓ 51	6	K0	
✓ 52	7	K0	
✓ 53	5	F2	
✓ 54	5	A0	

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1914phae.proj.21610

28	+0° 2655	10	19.4	+0	35	8.2	✓
29	−0° 2341	10	19.2	−0	15	7.0	✓
30	−0° 2344	10	20.2	−0	14	8.5	✓
31	−0° 2346	10	21.0	−0	23	8.3	✓
32	−1° 2386	10	18.1	−1	45	8.7	✓
33	−1° 2391	10	20.6	−1	59	8.5	✓
34	−2° 3147	10	20.2	−2	47	8.3	✓
35	−3° 2921	10	19.5	−3	39	7.0	✓
36	−3° 2929	10	21.4	−3	0	6.7	✓
37	−2° 3154	10	21.9	−2	47	8.7	✓
38	−3° 2934	10	22.5	−3	10	8.2	✓
39	−2° 3160	10	22.8	−2	58	8.6	✓
	~~−2° 3155~~	10	22.1	−2	0	6.0	
	−2° 3155	10	22.1	−2	0	6.0	
H0	−1° 2393	10	22.1	−1	60	5.0	3 same star. ✓
H1	−1° 2396	10	22.7	−1	28	8.5	✓
H2	−1° 2398	10	23.7	−1	48	8.7	✓
H3	−2° 3165	10	24.2	−2	8	8.5	✓
H4	−1° 2403	10	24.7	−1	54	8.5	✓
H5	−3° 2950	10	27.5	−3	9	7.0	✓
H6	+0° 2663	10	22.9	+0	6	5.3	✓
H7	−0° 2353	10	24.1	−0	17	8.9	✓
H8	−0° 2356	10	25.3	−0	7	8.6	✓
H9	+1° 2446	10	21.1	+1	16	8.8	✓
50	+2° 2323	10	22.3	+2	15	7.5	✓
51	+2° 2325	10	23.0	+2	54	7.5	✓
52	+3° 2379	10	24.1	+3	36	7.5	✓
53	+3° 2371	10	21.5	+3	23	7.7	✓
54	+4° 2337	10	20.6	+4	4	7.8	✓

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1914phae.proj.2161C

Wednesday January 7, 1914

I B8242 long

	No	Int	Class	Remark
✓	55	5	K0	
✓	56	8	A0	
✓	57	9	A2	
✓	58	4	G5	Another star sup. on following edge
✓	59	8	K0	
✓	60	9	K0	
✓	61	1	K0	
✓	62	1	G5	
✓	63	9	B3	
11—	✓	64	10+	A0
		65		
		66		

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1914phae.proj.216ic

55	+4° 2333	10	20.0	+4	18	7.5						✓
56	+3° 2365	10	18.5	+3	39	7.5						✓
57	+4° 2328	10	18.6	+4	40	7.0						✓
58	+3° 2356	10	16.2	+3	22	8.5	+3° 2357	10	16.3	+3	23	mag 8.7 superposed ✓
59	+3° 2358	10	16.7	+3	6	6.7						✓
60	+3° 2361	10	16.9	+3	7	7.0						✓
61	+2° 2320	10	17.5	+2	3	8.4						✓
62	+1° 2434	10	18.1	+1	49	8.7						✓
63	+3° 2352	10	13.5	+3	1	6.5						✓
64	+0° 2615	10	0.5	+0	20	4.1						✓

Identified on cards by A.M.C. April 11, 1914

Identified here April 25 1914 V. D.W.

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

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1914phae.proj.2161C

11·03 Wednesday, January 7, 1914

I 3 7 7 31 long.

G.F.M. Rec.	No.	Int.	Class	Remarks
	1	5	F5	
	2	7	K2	
	3	3	K5	
	4	1	G5	
	5	3	K0	
	6	4	F5	
	7	2	F8	
	8	3	A2	
	9	7	F0	
	10	3	F0	
	11	8	K0	
	12	4	K0	E.
	13	4	K2	
	14	3	F2	
	15	4	F2	
	16	9	K2	
	17	2	G5	
	18	4	K0	
	19	4	K5	
	20	4	A2	
	21	7	A2	
	22	8	A2	
	23	21	K2	
	24	4	K2	
	25	3	Fma	
	26	4	A2	
	27	9	A2	

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1014photo.proj.210616

1	+2°	2333	10	27.1	+2	31.7	7.8
2	+2°	2334	10	27.6	+2	57.1	7.0
3	+3°	2388	10	26.5	+3	24.5	8.2
4	+3°	2392	10	28.3	+3	17.7	8.8
5	+3°	2394	10	28.6	+3	30.0	7.8
6	+1°	~~2462~~ 2343	10	~~28.~~ 30.8	+2	0.1	8.1
7	+1°	2461	10	28.7	+1	26.9	8.3
8	+0°	2687	10	32.6	+0	36.4	8.2
9	+0°	2693	10	33.8	+0	29.5	7.9
10	+0°	2694	10	34.2	+0	29.2	8.2
11	−0°	2364	10	34.0	−0	59.1	6.5
12	−1°	2431	10	35.4	−1	25.2	7.5
13	+1°	2471	10	34.9	+1	37.0	7.5
14	+2°	2351	10	35.9	+2	41.3	8.5
15	+2°	2352	10	36.0	+2	55.8	8.5
16	+3°	2408	10	37.7	+3	14.0	6.5
17	+2°	2353	10	37.3	+2	36.2	8.3
18	+1°	2477	10	38.0	+1	46.7	8.0
19	+3°	2412	10	40.0	+3	16.5	8.2
20	+3°	2417	10	40.7	+3	19.4	8.7
21	+4°	2385	10	41.9	+4	12.4	8.0
22	+4°	2388	10	43.5	+4	21.7	7.3
23	+3°	2423	10	42.7	+3	13.6	8.5
24	+3°	2426	10	43.8	+3	28.7	8.0
25	+2°	2367	10	45.3	+2	52.4	8.0
26	+1°	2490	10	43.7	+1	32.5	8.2
27	+1°	2495	10	44.8	+1	47.2	6.9

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1914phae.proj.2161C

Wednesday, January 7, 1914

I 37731 long

Iro.	Int.	Class	Remark
28	7	K5	
29	7	Ma	
30	7	K0	
31	8	K0	
32	3	F5	
33	3	F0	
34	8	F2	
35	3	K2	
36	2	F5	
37	7	F5	
38	3	A5	
39	3	F0	
40	4	F0	
41	4	F5	
42	3	K0	
43	4	G5	
44	6	K0	
45	9	Mb	
46	5	A2	
47	9	F5	
48	1	K0	
49	1	K5	
50	7	F5	
51	2	K2	
52	6	A2	
53	4	G0	
54	5	F5	

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1914phae.proj.21610

28	+0°	2710	10	45.2	+0	34.7	6.5
29	−0°	2446	10	41.3	−0	12.4	6.5
30	−1°	2459	10	46.1	−1	28.8	6.7
31	−1°	2460	10	46.4	−1	21.8	5.7
32	−0°	2384	10	47.1	−0	45.0	8.3
33	+0°	2715	10	48.2	+0	53.6	8.1
34	+1°	2501	10	48.2	+1	29.7	6.2
35	+1°	2502	10	48.7	+1	12.0	8.0
36	+0°	2716	10	49.3	+0	26.1	8.8
37	+0°	2718	10	49.7	+0	27.8	7.5
38	−0°	2392	10	49.3	−0	23.2	8.2
39	−0°	2391	10	48.7	−0	50.7	8.2
40	+3°	2429	10	46.4	+3	26.0	8.3
41	+4°	2394	10	46.4	+4	28.6	8.2
42	+5°	2412	10	45.1	+5	46.1	7.3
43	+5°	2415	10	45.6	+5	43.8	7.7
44	+6°	2368	10	47.2	+6	37.2	8.0
45	+6°	2369	10	48.5	+6	57.2	6.5
46	+6°	2370	10.	49.0	+6	2.1	7.8
47	+4°	2375	10	35.2	+4	19.7	7.7
48	+3°	2403	10	34.7	+3	33.5	8.5
49	+3°	2406	10	36.6	+3	58.6	8.0
50	+4°	2378	10	37.5	+4	4.2	7.5
51	+4°	2379	10	37.7	+4	30.3	8.1
52	+5°	2385	10	35.9	+5	3.3	8.5
53	+5°	2384	10	38.8	+5	30.9 / 0.2	8.6 / 0.2
54	+5°	2383	10	35.6	+5	25.4	8.6

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1914phae.proj.2161C

Wednesday, January 7, 1914

I 37731 long

	No.	Int.	Class	Remark
	55	9	K0	
	56	2	K0	
	57	6	A5	
	58	8	K0	
	59	8	A2	
	60	4	K0	
	61	2	F8	
	62	5	A0	
	63	3	F5	
	64	4	K0	
	65	2	K0	
	66	3	K0	
	67	1	A3	
11.15	68	1	F2	
	69			
	70			
	71			
	72			
	73			
	74			
	75			
	76			
	77			
	78			
	79			
	80			
	81			

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1914phae..proj..2161C

55	+5°	2384	10	35.8	+5	30.9	6.2 1 v
56	+6°	2343	10	37.1	+6	15.3	8.5 1 v
57	+6°	2347	10	38.2	+6	8.3	8.2 1 v
58	+7°	2356	10	38.6	+7	8.0	7.2 1 v
59	+7°	2358	10	39.8	+7	5.9	7.8 1 v
60	+5°	2394	10	39.1	+5	25.2	8.0 1 v
61	+6°	2363	10	43.4	+6	21.4	8.0 1 v
62	+6°	2316	10	23.5	+6	5.6	8.1 1 v
63	+5°	2344	10	24.3	+5	41.0	8.3 1 v
64	+5°	2347	10	24.8	+5	23.0	8.0 1 v
65	+4°	2344	10	22.8	+4	16.9	8.4 1 v
66	+5°	2354	10	27.7	+5	34.5	8.1 1 v
67	+6°	2326	10	30.9	+6	40.9	7.7 1 v
68	+6°	2328	10	31.2	+6	28.8	7.7 1 v

Identified by A.W.S. April 11, 1914

Checked April 19, 1914 LDW

Cards made out by E. C. S.

Cards checked by E. R. B.

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1914phae.proj.2161C

11·18 Wednesday, January 7, 1914

I 38 228 long

G.M.T. Rec.	No.	Int.	Class	Remark
	1	1	K2	
	2	1	K0	
	3	10+	B	
	4	2	F5	
	5	8	A0	
	6	1	K0	
	7	9	K0	
	8	2	K0	
	9	2	F8	
	10	3	G0	
	11	3	F5	
	12	5	F5	
	13	3	K5	
	14	3	A2	
	15	5	K0	
	16	4	F8	
	17	2	K2	
	18	2	K0	
	19	6	A3	
	20	8	A0	
	21	10+	A0	
	22	4	F8	
	23	3	K2	
	24	3	F5	
	25	4	A2	
	26	3	F8	
	27	3	G5	

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1914phae.proj.21610

1	+10°	2162	10	23.7	+10	47.5	8.5 ✓
2	+10°	2165	10	24.5	+10	9.6	8.5 ✓
3	+10°	2166	10	25.2	+10	2.7	4.1 ✓
4	+9°	2370	10	26.1	+9	19.9	8.7 ✓
5	+9°	2374	10	27.4	+9	24.5	6.2 ✓
6	+8°	2382	10	27.3	+8	48.3	8.5 ✓
7	+7°	2330	10	27.3	+7	41.4	6.3 ✓
8	+7°	2331	10	28.5	+7	46.6	8.5 ✓
9	+8°	2387	10	31.3	+8	6.7	8.4 ✓
10	+8°	2389	10	31.9	+8	9.8	8.6 ✓
11	+9°	2380	10	30.6	+9	57.3	8.6 ✓
12	+9°	2382	10	32.1	+9	35.5	8.0 ✓
13	+9°	2388	10	33.8	+9	19.8	8.2 ✓
14	+9°	2392	10	34.9	+9	5.6	8.7 ✓
15	+8°	2409	10	38.0	+8	16.7	8.0 ✓
16	+7°	2354	10	37.8	+7	43.2	8.3 ✓
17	+9°	2411	10	40.6	+9	36.0	8.4 ✓
18	+8°	2418	10	41.2	+8	59.4	8.2 ✓
19	+11°	2280	10	40.2	+11	13.3	7.9 ✓
20	+10°	2208	10	41.5	+10	55.7	7.6 ✓
21	+11°	2283	10	41.6	+11	18.9	5.3 ✓
22	+10°	2212	10	43.6	+10	0.5	8.2 ✓
23	+9°	2418	10	43.7	+9	56.0	8.2 ✓
24	+9°	2423	10	44.4	+9	50.0	8.3 ✓
25	+8°	2423	10	44.8	+8	59.5	8.3 ✓
26	+8°	2420	10	43.9	+8	42.3	8.5 ✓
27	+8°	2422	10	44.6	+8	14.2	8.0 ✓

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1914phae.proj.2161C

Wednesday, January 7, 1914

I 38228 long

No.	Int.	Class	Remark
✓ 28	2	K0	
✓ 29	7	K0	
✓ 30	2	K0	
✓ 31	2	G5	
✓ 32	3	K0	
✓ 33	1	G5	
✓ 34	2	K0	
✓ 35	4	A2	
✓ 36	4	K0	
✓ 37	2	K0	
✓ 38	4	K2	
✓ 39	3	A3	
✓ 40	4	K1	
✓ 41	4	A2	
✓ 42	5	F2	
✓ 43	2	F5	
✓ 44	4	A3	
✓ 45	4	K2	
✓ 46	7	A0	
✓ 47	6	A2	
✓ 48	3	F8	
✓ 49	3	F5	
✓ 50	2	K0	
✓ 51	2	K0	
✓ 52	5	A2	
✓ 53	2	Ma	
✓ 54	2	A3	

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1914phae.proj.2161C

28	+12°	2265	10	43.1	+12	10.0	8.7	✓
29	+12°	2266	10	43.5	+12	21.4	6.8	✓
30	+12°	2269	10	44.4	+12	7.5	8.2	✓
31	+12°	2270	10	45.2	+12	3.3	8.3	✓
82	+13°	2315	10	43.1	+13	2.3	8.3	✓
33	+13°	2310	10	41.7	+13	35.9	8.8	✓
34	+13°	2312	10	42.5	+13	34.7	8.7	✓
35	+14°	2305	10	43.9	+14	27.1	8.0	✓
36	+14°	2307	10	44.1	+14	20.6	8.0	✓
37	+13°	2318	10	44.6	+13	52.2	8.4	✓
38	+13°	2320	10	45.7	+13	53.5	7.8	✓
39	+13°	2319	10	45.7	+13	30.3	8.5	✓
40	+13°	2322	10	46.7	+13	8.8	7.5	✓
41	+11°	2239	10	23.9	+11	54.6	8.5	✓
42	+13°	2271	10	24.6	+13	40.3	8.0	✓
43	+13°	2272	10	24.9	+13	28.9	9.0	✓
44	+13°	2274	10	26.4	+13	7.5	7.8	✓
45	+12°	2235	10	28.4	+12	22.4	8.0	✓ +12° 2234 outlined 9.0
46	+13°	2280	10	29.3	+13	36.8	7.3	✓
47	+14°	2266	10	28.5	+14	33.3	7.6	✓
48	+14°	2269	10	29.0	+14	48.0	7.8	✓
49	+14°	2275	10	30.7	+14	42.6	8.5	✓
50	+14°	2277	10	31.0	+14	46.8	8.5	✓
51	+15°	2232	10	31.4	+15	30.4	8.0	✓
52	+15°	2236	10	32.7	+15	42.2	8.2	✓
53	+14°	2281	10	33.9	+14	44.0	8.0	✓
54	+14°	2284	10	34.2	+14	31.2	8.5	✓

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1914phae.proj.2161C

Wednesday, January 7, 1914

I 38 28 long

No.	Int.	Class	Remark
✓ 55	2	K_0	
✓ 56	1	K_2	
✓ 57	3	K_0	Another star sup. on preceding
✓ 58	3	K_2	
✓ 59	3	K_0	
✓ 60	6	A_2	
✓ 61	3	K_5	
✓ 62	2	G_0	
✓ 63	2	K_2	
✓ 64	1	K_0	
✓ 65	2	K_0	
✓ 66	1	K_0	
✓ 67	5	K_2	
✓ 68	1	A_3	
✓ 69	1	K_0	
✓ 70	2	K_0	
✓ 71	1	K_2	
✓ 72	5	A_0	
✓ 73	8	A_2	
✓ 74	3	K_0	
✓ 75	10	K_0	
✓ 76	4	F_2	
✓ 77	1	K_2	
✓ 78	2	A_0	
79	4	K_0	E.
✓ 80	4	G_5	E.
✓ 81	4	F_5	E.

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1914phae.proj.2161C

55	+14°	2285	10	34.4	+14	12.9	8.5	✓
56	+13°	2281	10	29.9	+13	6.3	8.7	✓
57	+13°	2284	10	31.1	+13	30.4	8.5	✓ +13° 2283 superposed 9.0
58	+12°	2242	10	33.0	+12	49.6	8.0	✓
59	+13°	2292	10	34.6	+13	10.4	8.4	✓
60	+11°	2268	10	34.0	+11	29.9	7.7	✓
61	+11°	2269	10	34.6	+11	7.0	7.2	✓
62	+10°	2181	10	32.6	+10	34.5	8.8	✓
63	+10°	2173	10	28.6	+10	21.0	8.5	✓
64	+10°	2176	10	29.6	+10	7.5	8.5	✓
65	+11°	2252	10	29.0	+11	46.7	8.7	✓
66	+11°	2260	10	32.2	+11	4.7	9.1	✓
67	+11°	2273	10	36.8	+11	6.8	7.7	✓
68	+10°	2197	10	37.4	+10	17.3	9.0	✓
69	+10°	2200	10	38.7	+10	15.5	8.8	✓
70	+8°	2408	10	37.8	+8	44.9	8.6	✓
71	+9°	2408	10	39.8	+9	1.8	8.8	✓
72	+11°	2277	10	39.0	+11	57.3	8.2	✓
73	+13°	2302	10	38.7	+13	30.4	6.5	✓
74	+13°	2304	10	39.3	+13	47.7	7.7	✓
75	+14°	2294	10	38.7	+14	58.3	5.8	✓
76	+14°	2299	10	40.4	+14	59.0	8.5	✓
77	+15°	2251	10	42.2	+15	3.2	8.2	✓
78	+14°	2308	10	44.5	+14	37.9	9.0	✓
79	+15°	2267	10	50.3	+15	14.2	8.2	✓
80	+14°	2319	10	49.1	+14	20.9	8.2	✓
81	+14°	2324	10	50.7	+14	3.2	8.3	✓

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1914phae.proj.2161C

Wednesday, January 7, 1914

I 38228 long.

	No.	Int.	Class	Remark
	✓ 82	8	Ma	
11.31	✓ 83	3	F5	
	84			Cards made out
	85			

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1914phae.proj.2161C

82	+14°	22 55	10	24.5	+14	52.9	6.0 ✓
83	+15°	22 19	10	25.7	+15	39.2	8.7 ✓

Cards made out by AMC. Feb. 19, 1914
Identified ~~on cards~~ in book by J C M Mar. 26, '14
Identification compared cards + bk. by G.R.B.

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1914phae.proj.216ic

Wednesday January 7, 1914

B 19393 Short

11.50

No.	Dist.	class	Remark
✓ 1	2	K0	
✓ 2	1	K0	
✓ 3	2	K0	
✓ 4	2	A3	
✓ 5	2	F8	
✓ 6	3	G5	
✓ 7	2	K0	
✓ 8	1	F8	
✓ 9	2	K5	
✓ 10	4	K2	
✓ 11	4	G0	
✓ 12	3	F8	
✓ 13	5	K2	
✓ 14	3	K2	
✓ 15	2	G0	
✓ 16	3	F5	
✓ 17	4	K2	
✓ 18	5	K5	
✓ 19	2	G0	
✓ 20	1	K5	
✓ 21	3	F8	
✓ 22	3	K2	
✓ 23	1	K5	
✓ 24	4	F5	
✓ 25	4	F2	
✓ 26	2	G5	
✓ 27	1	K0	

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1914phae.proj.2161C

1	-0° 2327	10	13.8	-0	36	8.9							✓
2	-0° 2326	10	13.41	-0	44	8.8							✓
3	-1° 2378	10	12.7	-1	32	8.9							✓
4	-1° 2374	10	12.1	-1	43	9.3	-1° 2375	10	12.1	-1	40	9.5 superposed	✓
5	-1° 2376	10	12.41	-1	59	9.3							✓
6	-1° 2379	10	13.0	-1	38	9.0							✓
7	-2° 3117	10	12.2	-2	44	9.2							✓
8	-1° 2380	10	11.6	-1	46	9.3							✓
9	-1° 2381	10	15.7	-1	46	9.4							✓
10	-1° 2383	10	17.2	-1	53	8.5							✓
11	-1° 2384	10	17.4	-1	16	8.8							✓
12	-1° 2390	10	19.1	-1	36	9.1							✓
13	-2° 3143	10	19.7	-2	19	8.5							✓
14	-2° 3145	10	19.8	-2	17	9.0							✓
15	-2° 3149	10	20.7	-2	43	9.1							✓
16	-2° 3161	10	23.0	-2	30	9.0							✓
17	-3° 2939	10	24.1	-3	0	8.6							✓
18	-3° 2943	10	25.2	-3	26	8.0							✓
19	-3° 2945	10	25.7	-3	11	9.1							✓
20	-3° 2947	10	26.3	-3	32	9.1							✓
21	-3° 2948	10	26.6	-3	12	9.1							✓
22	-2° 3173	10	27.0	-2	57	8.8							✓
23	-3° 2949	10	27.3	-3	22	9.1							✓
24	-3° 2951	10	28.2	-3	15	9.0							✓
25	-2° 3177	10	28.1	-2	17	8.8							✓
26	-2° 3178	10	28.7	-2	15	9.1							✓
27	-2° 3179	10	28.8	-2	36	9.0							✓

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1914phae.proj.2161C

Wednesday Jan. 7, 1914

B 19393 Short

No.	Int.	Class	Remarks
✓ 28	5	A0	
✓ 29	7	F8	
✓ 30	2	F8	
✓ 31	5	A3	
✓ 32	9	A3	
✓ 33	1	B0	
✓ 34	1	K5	
✓ 35	2	K0	
✓ 36	2	B5	
✓ 37	2	A0	
✓ 38	1	K5	
✓ 39	2	F0	
✓ 40	2	F2	
✓ 41	5	F5	
✓ 42	3	A3	
✓ 43	2	B5	
✓ 44	2	K0	
✓ 45	10	A2	
✓ 46	3	F5	
✓ 47	8	K0	
✓ 48	2	K0	
✓ 49	1	F8	
✓ 50	1	K0	
✓ 51	2	K5	
✓ 52	2	F8	
✓ 53	3	A2	
✓ 54	1	B	

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1914phae.proj.2161C

28	−1° 2W10	10	28.5	−1	18	8.7 ✓
29	−1° 2W11	10	29.0	−1	2	8.5 ✓
30	−0° 2360	10	29.1	−0	59	9.1 ✓
31	−1° 2W13	10	30.8	−1	13	8.7 ✓
32	−1° 2W17	10	31.2	−1	18	8.7 ✓
33	−1° 2W14	10	30.7	−1	30	8.8 ✓
34	−1° 2W18	10	31.8	−1	45	9.0 ✓
35	−1° 2W19	10	32.2	−1	36	8.8 ✓
36	−1° 2W22	10	33.3	−1	26	9.0 ✓
37	−1° 2W25	10	34.5	−1	18	9.3 ✓
38	−1° 2W29	10	33.2	−1	46	9.0 ✓
39	−2° 3181	10	29.9	−2	19	9.0 ✓
40	−2° 3183	10	30.3	−2	30	9.1 ✓
41	−3° 2965	10	30.3	−3	8	8.9 ✓
42	−3° 2967	10	30.7	−3	18	9.2 ✓
43	−3° 2969	10	31.5	−3	6	8.9 ✓
44	−4° 2910	10	29.2	−4	5	9.0 ✓
45	−4° 2906	10	28.1	−4	37	7.5 ✓
46	−4° 2901	10	26.6	−4	8	8.9 ✓
47	−4° 2898	10	25.9	−4	37	7.5 ✓
48	−3° 2956	10	28.4	−3	51	9.3 ✓
49	−3° 2959	10	29.1	−3	21	9.5 ✓
50	−3° 2962	10	30.0	−3	30	9.1 ✓
51	−1° 2W08	10	26.4	−1	43	8.7 ✓
52	−1° 2W06	10	26.0	−1	46	9.3 ✓
53	−1° 2W07	10	26.0	−1	53	9.4 ✓
54	−2° 3170	10	25.5	−2	3	9.4 ✓

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1914phae.proj.2161C

Wednesday January 7, 1914

[[[B19393 short.

	No.	Int.	Class	Remark.
✓	55	4	F0	
✓	56	2	K2	
✓	57	2	K0	
✓	58	4	K0	
✓	59	3	F5	
✓	60	3	F5	
✓	61	1	K2	
✓	62	2	K5	
✓	63	2	F8	
✓	64	2	A	
✓	65	4	K2	
✓	66	3	A3	
✓	67	5	K0	
✓	68	5	K2	
✓	69	5	F8	
✓	70	1	K5	
✓	71	5	F5	
✓	72	5	F5	
✓	73	2	K5	
✓	74	3	K0	
✓	75	2	A2	
✓	76	3	F2	
✓	77	4	F0	
12.00	✓	78	3	K0
Monday Jan. 12, 1914	✓	79	2	F5
11.26	✓	80	4	F5
	✓	81	7	F2

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1914phae.proj.2161C

55	−1° 2404	10	24.8	−1 26	8.9	✓
56	−1° 2401	10	24.5	−1 40	8.7	✓
57	−1° 2399	10	24.0	−1 41	8.8	✓
58	−0° 2355	10	25.1	−0 25	8.7	✓
59	−0° 2352	10	23.9	−0 48	9.1	✓
60	−0° 2347	10	22.0	−0 22	9.0	✓
61	−0° 2348	10	22.1	−0 8	9.2	✓
62	+0° 2658	10	21.3	+0 23	8.8	✓
63	−0° 2340	10	18.8	−0 49	9.2	✓
64	−0° 2336	10	16.8	−0 41	9.2	✓
65	−2° 3137	10	17.6	−2 47	8.8 9.2	✓
66	−2° 3137	10	17.4	−2 51	9.2	✓
67	−3° 2914	10	17.6	−3 14	8.9	✓
68	−3° 2920	10	18.9	−3 19	8.7	✓
69	−3° 2924	10	19.8	−3 30	8.5	✓
70	−3° 2925	10	20.3	−3 42	9.0	✓
71	−4° 2878	10	20.9	−4 5	8.9	✓
72	−3° 2931	10	21.8	−3 57	8.7	✓
73	−3° 2933	10	22.5	−3 33	9.0	✓
74	−4° 2890	10	23.4	−4 6	9.0	✓
75	−4° 2892	10	23.5	−4 19	9.0	✓
76	−4° 2894	10	23.8	−4 19	9.1	✓
77	−3° 2908	10	25.1	−3 10	9.0	✓
78	−3° 2903	10	24.1	−3 52	8.8	✓
79	−3° 2966	10	30.7	−3 36	9.3	✓
80	−3° 2976	10	33.8	−3 1	8.7	✓
81	−3° 2977	10	34.6	−3 19	8.2	✓

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1914phae.proj.2161C

Monday January 12, 1914

B 19393 Phort.

No.	Dist.	Class	Remark
✓ 82	2	K5	
✓ 83	5	A0	
✓ 84	3	F8	
✓ 85	3	K0	
✓ 86	3	G0	
✓ 87	2	G	
✓ 88	1	G5	
✓ 89	2	K0	
✓ 90	2	K2	
✓ 91	3	G0	
✓ 92	1	K5	
✓ 93	2	G	
✓ 94	2	G	
✓ 95	1	G5	
✓ 96	2	G5	
✓ 97	1	F0	
✓ 98	2	G5	
✓ 99	3	G0	
✓ 100	3	F5	
✓ 101	3	G0	
✓ 102	2	G	
✓ 103	2	G	
✓ 104	2	F8	
✓ 105	2	K2	
✓ 106	1	K2	
11.33 ✓ 107	3	F8	
108	6	G5	

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1914phae.proj.2161C

82	−3° 2980	10	35.7	−3	39	8.2
83	−3° 2983	10	36.1	−3	8	8.6
84	−2° 3204	10	35.8	−2	48	8.9
85	−2° 3207	10	36.4	−2	26	8.6
86	−2° 3208	10	36.5	−2	17	8.8
87	−1° 2434	10	37.1	−1	34	8.8
88	−1° 2436	10	37.6	−1	29	9.2
89	−3° 2991	10	39.0	−3	52	9.0
90	−4° 2942	10	38.9	−4	13	9.0
91	−4° 2926	10	34.6	−4	27	9.3
92	−4° 2925	10	34.6	−4	2	9.0
93	−4° 2921	10	33.5	−4	48	9.0
94	−0° ~~2467~~ 2370	10	38.2	−0	43	8.7
95	−0° 2367	10	37.1	−0	23	8.9
96	−0° 2366	10	35.7	−0	13	8.8
97	−0° 2365	10	34.7	−0	47	9.3
98	−1° 2428	10	35.1	−1	21	9.4
99	−0° 2362	10	32.8	−0	9	8.9
100	−0° 2363	10	33.4	−0	7	9.1
101	+0° 2682	10	30.2	+0	8	8.8
102	+0° 2680	10	29.9	+0	16	9.0
103	+0° ~~2670~~ 2673	10	~~26.6~~ 27.8	+0	~~43~~ 23	~~9.2~~ 8.8
104	−0° 2354	10	24.3	−0	5	9.1
105	+0° 2669	10	26.6	+0	56	9.0
106	+0° 2668	10	26.5	+0	50	9.1
107	+0° 2670	10	26.6	+0	43	9.2
108	−1 2434	10	35.4	−1	25	9.5

Identified on cards by Ames. May 12, 1914

Identified here May 20 1914 D.H.W.

Identification confirmed by S.R.B.

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1914phae.proj.216iC

9.42 Thursday, January 8, 1914

B 13394 short

G.H.M. Rec.	No.	Int.	Class	Remark
	✓1	1	g_5	
	✓2	2	K_0	
	✓3	1	K_5	
	✓4	2	F_8	
	✓5	3	K_5	
	✓6	2	g_5	
	✓7	3	K_0	
	✓8	4	K_2	
	✓9	5	K_0	
	✓10	7	K_2	
	✓11	8	A_0	
	✓12	9	g_5	
	✓13	3	K_0	
	✓14	6	A_0	
	✓15	6	F_8	
	✓16	4	K_2	
	✓17	3	F_8	
	✓18	1	K_5	
	✓19	1	g_0	
	✓20	1	F_5	
	✓21	3	g_0	
	✓22	7	F_2	
	✓23	3	g_0	
	✓24	1	g_0	
	✓25	4	g_5	
	✓26	1	K_2	
	✓27	7	F_5	

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1014phot.proj.24616

1	+8° 2351	10	14.9	+8	29.7	9.5	✓
2	+8° 2355	10	16.7	+8	34.1	9.2	✓
3	+7° 2291	10	15.8	+7	41.0	9.3	✓
4	+7° 2292	10	15.9	+7	31.5	9.5	✓
5	+7° 2301	10	18.3	+7	35.8	8.5	✓
6	~~+7° 2300 1855~~ +7° 2300a	10	18.1°	+7	4	9.5	
7	+7° 2303	10	18.9	+7	9.7	88	✓
8	+7° 2307	10	20.5	+7	0.1	8.3	✓
9	+7° 2308	10	20.6	+7	27.8	8.8	✓
10	+6° 2311	10	21.8	+6	59.8	7.7	✓
11	+7° 2315	10	23.0	+7	22.0	8.3	✓
12	+7° 2314	10	22.9	+7	47.7	7.5	✓
13	+8° 2367	10	21.6	+8	30.6	8.5	✓
14	+8° 2368	10	21.7	+8	38.3	8.7	✓
15	+8° 2369	10	22.2	+8	47.2	8.5	✓
16	+9° 2358	10	20.3	+9	9.3	8.3	✓
17	+8° 2361	10	19.4	+8	23.3	9.0	✓
18	+9° 2356	10	19.4	+9	16.3	9.1	✓
19	+10° 2161	10	21.6	+10	1.1	9.2	✓
20	+7° 2317	10	23.5	+7	21.6	9.3	✓
21	+7° 2319	10	24.3	+7	41.4	8.9	✓
22	+7° 2324	10	25.8	+7	50.2	8.7	✓
23	+7° 2323	10	25.8	+7	6.7	8.9	✓
24	+7° 2325	10	26.2	+7	27.9	9.2	✓
25	+7° 2326	10	26.4	+7	22.9	9.0	✓
26	+8° 2380	10	26.3	+8	11.2	9.5	✓
27	+8° 2384	10	28.8	+8	55.8	8.7	✓

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1914phae.proj.2161C

Thursday, January 8, 1914

B13394 short

No.	Int.	Class	Remark
V28	1	K0	
V29	1	F8	
V30	2	G0	
V31	2	G5	
V32	4	G0	
V33	4	G5	
V34	5	Ma	
V35	2	F8	
V36	2	K5	
V37	2	K2	
V38	3	F8	
V39	2	F2	
V40	3	F5	
V41	1	F5	
V42	5	F5	
V43	5	K2	
V44	4	K2	
V45	4	F5	
V46	2	G5	Partly sup. on 45
V47	1	G0	
V48	2	F8	
V49	5	F8	
V50	4	F8	
V51	1	K2	
V52	4	G0	
V53	1	K2	
V54	2	G5	

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1914phae.proj.2161C

28	+9° 2376	10	29.7	+9	10.4	9.5	✓
29	+8° 2386	10	31.0	+8	54.6	9.3	✓
30	+8° 2390	10	32.0	+8	34.1	9.0	✓
31	+8° 2391	10	32.7	+8	29.6	9.3	✓
32	+7° 2345	10	34.1	+7	N77	8.8	✓
33	+8° 2395	10	34.5	+8	15.7	8.8	✓
34	+9° 2388	10	33.8	+9	19.8	8.2	✓
35	+10° 2188	10	24.9	+10	N68	8.8	✓
36	+10° 2199	10	38.1	+10	47.1	8.8	✓
37	+9° 2399	10	36.8	+9	39.4	9.2	✓
38	+6° 2299	10	14.6	+6	56.9	9.0	✓
39	+5° 2322	10	13.6	+5°	NW2	9.4	✓
40	+5° 2330	10	17.3	+5°	15.8	8.8	✓
41	+5° 2333	10	18.0	+5	19.2	8.5	✓
42	+5° 2332	10	17.9	+5	50.1	8.8	✓
43	+5° 2331	10	17.8	+5	55.1	8.6	✓
44	+6° 2315	10	22.8	+6	28.4	8.3	✓
45	+5° 2343	10	24.6	+5	59.6	8.8	✓
46	+5° 2346	10	24.6	+5	56.9	8.9	✓
47	+5° 2349	10	25.4	+5	33.7	9.3	✓
48	+5° 2355	10	27.8	+5	50.4	8.9	✓
49	+5° 2356	10	28.2	+5	51.3	8.6	✓
50	+6° 2318	10	27.8	+6	33.5	8.9	✓
51	+6° ~~2323~~ 2322	10	~~28.5~~ 28.4	+6	~~34.8~~ 25.1	~~9.5~~ 9.2	
52	+7° 2333	10	28.7	+7	13.3	9.0	✓
53	+7° 2332	10	28.6	+7	25.7	9.3	✓
54	+7° 2335	10	29.3	+7	23.0	9.3	✓

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1914phae.proj.2161C

Thursday, January 8, 1914

B 13394 short

No.	Int.	Class	Remark
v55	6	B5	
v56	2	F8	
v57	3	F5	
v58	3	F5	
v59	2	B5	
v60	2	B8	
v61	2	B0	
v62	2	F5	
v63	3	F8	
v64	2	F0	
v65	3	A0	
v66	3	F	Focus poor
v67	3	K5	Focus poor
v68	2	K0	
v69	1	K5	
v70	2	F5	
v71	4	A5	
v72	5	A3	
v73	2	G	E.
v74	3	K2	
v75	3	K2	
v76	1	K2	
v77	3	K2	
v78	4	B5	
v79	2	K5	
v80	3	A2	
v81	1	K5	

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1914phae..proj..2161C

55	+7° 2339	10	30.7	+7	13.6	8.8	✓
56	+6° 2329	10	31.3	+6	43.6	9.0	✓
57	+7° 2343	10	32.7	+7	22.9	9.3	✓
58	+6° 2337	10	33.5	+6	33.8	8.9	✓
59	+6° 2335	10	33.1	+6	13.8	8.9	✓
60	+7° 2348	10	34.9	+7	25.4	9.0	✓
61	+6° 2340	10	36.2	+6	44.2	9.0	✓
62	+6° 2342	10	36.7	+6	37.3	9.0	✓
63	+6° 2344	10	37.3	+6	47.9	8.8	✓
64	+7° 2352	10	37.5	+7	20.3	9.0	✓
65	+7° 2355	10	38.1	+7	33.0	9.3	✓
66	+4° 2330	10	19.8	+4	47.2	9.0	✓
67	+4° 2331	10	19.8	+4	35.5	8.2	✓
68	+5° 2336	10	20.0	+5	2.7	9.0	✓
69	+5° 2338	10	20.2	+5	12.7	9.0	✓
70	+4° 2343	10	22.0	+4	38.3	9.0	✓
71	+3° 2373	10	22.5	+3	48.6	8.7	✓
72	+3° 2372	10	21.8	+3	33.5	8.5	✓
73	+3° 2387	10	26.4	+3	44.1	8.5	✓
74	+4° 2353	10	26.9	+4	23.6	8.9	✓
75	+4° 2351	10	26.8	+4	51.6	8.5	✓
76	+4° 2350	10	26.3	+4	56.1	8.8	✓
77	+5° 2353	10	27.4	+5	17.6	9.0	✓
78	+5° 2359	10	29.5	+5	32.4	8.6	✓
79	+4° 2358	10	29.2	+4	41.7	9.0	✓
80	+4° 2363	10	30.9	+4	52.5	9.0	✓
81	+5° 2364	10	30.5	+5	11.7	8.8	✓

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1914phae.proj.2161C

Thursday, January 8, 1914

B 13394 short.

No.	Int.	Class	Remark
✓82	2	F8	
✓83	2	K0	
✓84	3	K5	
✓85	4	K0	
✓86	4	F	
10.04 ✓87	2	K5	
Mon. Jan. 26, 1914 ✓88	7	A3	
✓89	5	F2	
90			
91			
92			
93			
94			
95			
96			
97			
98			

cmh. 134, 166

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1914phae.proj.2161C

82	+5° 2362	10	30.1	+5	50.7	8b
83	+5° 2374	10	32.8	+5	17.3	8.4
84	+4° 2367	10	32.9	+4	47.9	8.5
85	+5° 2378	10	34.3	+5	3.1	8.4
86	+4° 2377	10	37.1	+4	48.2	8.7
87	+5° 2388	10	37.5	+5	6.1	8.5
88	+9° 2392	10	34.9	+9	5.6	8.7
89	+9° 2390	10	34.3	+9	9.9	8.5

90
91 Identified here April 1 1914 V.R.W.
92 Identification compared, cards + book. G.R.B.

Identified from cards by J.C.M. March 20, 1914.

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1914phae.proj.2161C

10.10 Thursday January 8, 1914

B 13378 short

G.M.T.	Rec. No.	Int.	Class	Remark
	1	1	F	E.
	2	2	F5	
	3	3	F2	
	4	1	K5	
	5	3	K2	+½° 2441 unsymmetrical, and probably the same lepta
	6	2	F5	
	7	2	K0	
	8	2	K5	
	9	4	F2	
	10	2	K0	
	11	4	G0	
	12	1	K0	
	13	2	G5	
	14	2	K5	
	15	4	G0	
	16	2	G0	
	17	2	G5	
	18	3	G	
	19	4	F2	
	20	1	G5	
	21	2	F5	
	22	3	K2	
10.16	23	2	K0	
	24			cmtn 134, 164
	25			
	26			
	27			

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1914phae..proj..2161C

1	+1°	2431	10	16.2	+1	3.9	9.0 ✓
2	+1°	2433	10	17.8	+1	43.7	9.0 ✓
3	+3°	2366	10	18.8	+3	17.0	9.0 ✓
4	+2°	2321	10	19.8	+2	15.2	8.3 ✓
5	+1°	2440	10	19.6	+1	31.7	8.8 ✓
6	+1°	2442	10	19.7	+1	48.2	9.2 ✓
7	+2°	2337	10	28.8	+2	28.9	8.8 ✓
8	+2°	2346	10	32.5	+2	2.4	8.5 ✓
9	+1°	2468	10	33.4	+1	15.9	8.7 ✓
10	+1°	2473	10	36.0	+1	21.0	8.6 ✓
11	+0°	2699	10	38.7	+0	52.0	8.8 ✓
12	+1°	2476	10	37.8	+1	16.5	8.8 ✓
13	+2°	2357	10	38.9	+2	53.8	8.9 ✓
14	+3°	2411	10	39.4	+3	51.9	8.2 ✓
15	+3°	2413	10	40.1	+3	34.2	9.0 ✓
16	+3°	2414	10	40.3	+3	26.9	9.0 ✓
17	+3°	2415	10	40.5	+3	25.1	8.6 ✓
18	+3°	2418	10	40.9	+3	14.9	8.7 ✓
19	+3°	2419	10	41.0	+3	9.1	8.7 ✓
20	+3°	2416	10	40.7	+3	3.3	9.0 ✓
21	+2°	2359	10	41.4	+2	9.7	8.7 ✓
22	+1°	2486	10	42.3	+1	42.8	8.3 ✓
23	+1°	2487	10	42.7	+1	46.0	8.5 ✓

Identified by J C M Jan. 22, 1914
Checked by A.M.C. Feb. 2, 1914
Cards made out by G.R.B.
Cards checked by A.M.C.

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1914phae.proj.2161C

10.18 Thursday, January 8, 1914

B40281 short

G.M.T.	No.	Int.	Class	Remark
	✓ 1	3	K0	
	✓ 2	6	G5	
	✓ 3	10	A0	
	✓ 4	1	K0	
	✓ 5	2	K5	
	✓ 6	2	F8	
	✓ 7	4	F0	
	✓ 8	5	F0	
	✓ 9	1	G0	
	✓ 10	6	F8	
	✓ 11	2	K0	
	✓ 12	2	A0	
	✓ 13	2	mb	
	✓ 14	3	K2	
	✓ 15	8	F0	
	✓ 16	10	K0	
	✓ 17	4	A5	
	✓ 18	1	K2	
	✓ 19	2	F8	
	✓ 20	3	F2	
	✓ 21	6	G0	
	✓ 22	5	G5	
	✓ 23	3	F8	
	✓ 24	7	A2	
	✓ 25	10	F2	
	✓ 26	4	K0	
	✓ 27	7	A5	

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1914phae.proj.21610

1	−10°	2995	10	0.7	−10	20	8.1
2	−10°	2998	10	1.3	−10	25	8.0
3	−10°	3000	10	1.6	−10	11	66
4	−10°	3003	10	1.9	−10	50	8.8
5	−11°	2811	10	1.5	−11	49	8.2
6	−10°	3005	10	2.0	−10	29	9.1
7	−10°	3006	10	2.9	−10	9	8.9
8	−9°	3012	10	3.2	−9	38	8.7
9	−10°	3010	10	3.6	−10	46	9.0
10	−10°	3020	10	5.2	−10	26	8.2
11	−10°	3021	10	5.7	−10	29	8.9
12	−10°	3024	10	6.2	−10	30	9.2
13	−9	3017	10	5.2	−9	36	8.3
14	−9°	3025	10	6.5	−9	4	8.3
15	−10°	3027	10	8.5	−10	28	8.0
16	−10°	3029	10	9.0	−10	29	6.3
17	−10°	3031	10	9.6	−10	3	8.8
18	−9°	3034	10	9.6	−9	3	9.0
19	−9°	3040	10	10.8	−9	44	9.1
20	−10°	3039	10	12.1	−10	1	8.5
21	−10°	3037	10	11.9	−10	27	7.8
22	−10°	3040	10	12.1	−10	39	8.0
23	−10°	3038	10	11.9	−10	60	8.5
24	−8°	2895	10	12.0	−8	36	8.0
25	−8°	2897	10	12.8	−8	19	6.3
26	−7°	3012	10	13.7	−7	50	8.4
27	−7°	3014	10	13.9	−7	59	8.2

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Thursday, January 8, 1914
B 40281 chart

	no.	Int.	Class	Remark
✓	28	2	K0	
✓	29	5	B5	
✓	30	5	Ma	
✓	31	7	Q2	
✓	32	1	K2	
✓	33	3	F8	
✓	34	2	K0	
✓	35	1	A2	
✓	36	1	K2	
✓	37	2	K0	
✓	38	3	K0	
✓	39	5	F8	
✓	40	2	F8	
✓	41	2	K0	
✓	42	3	K0	
✓	43	10+	A0	
✓	44	10	K0	
✓	45	1	K2	
✓	46	1	B5	
✓	47	2	F0	
✓	48	4	K2	
✓	49	10	A0	
✓	50	4	F0	
✓	51	5	B0	
✓	52	3	B5	
✓	53	1	F8	
✓	54	7	K0	

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1914phae.proj.2161C

28	−8° 2899	10	13.7	−8	16	8.5	✓
29	−9° 3052	10	14.5	−9	3	7.7	✓
30	−8° 2906	10	15.5	−8	40	7.0	✓
31	−8° 2843	9	58.3	−8	50	8.2	✓
32	−8° 2848	9	59.9	−8	47	8.8	✓
33	−8° 2851	10 9	0.3	−8	38	8.9	−8° 2852 10 0.3 −8 36 9.2 Super.
34	−8° 2854	10	0.6	−8	35	8.9	✓
35	−9° 2999	10	0.3	−9	13	9.2	✓
36	−9° 3006	10	1.4	−9	16	9.3	✓
37	−9° 3008	10	2.3	−9	13	8.8	✓
	−8° 2863	10	3.1	−8	21	8.7	
38	~~−9° 3012~~	~~10~~	~~3.8~~	~~−9~~	~~38~~	~~8.7~~	✓
39	−8° 2866	10	4.1	−8	41	8.3	✓
40	−8° 2873	10	5.6	−8	39	8.7	✓
41	−8° 2859	10	2.2	−8	1	8.9	✓
	−8° 2862	10	3.1	−8	0	8.8	
42	~~−9° 3013~~	~~10~~	~~3.4~~	~~−9~~	~~0~~	~~9.4~~	✓
43	−7° 2972	10	2.9	−7	42	6.2	✓
44	−7° 2977	10	3.7	−7	42	6.0	✓
45	−7° 2969	10	2.4	−7	22	9.1	✓
46	−7° 2970	10	2.6	−7	22	9.1	✓
47	−7° 2974	10	3.1	−7	28	9.3	✓
48	−6° 3092	10	3.9	−6	20	8.0	✓
49	−6° 3096	10	4.1	−6	36	7.2	✓
50	−7° 2979	10	5.0	−7	7	8.3	✓
51	−7° 2981	10	5.6	−7	9	8.0	✓
52	−7° 2982	10	5.9	−7	17	8.4	✓
53	−7° 2987	10	6.4	−7	22	9.2	✓
54	−7° 2989	10	6.9	−7	16	7.3	✓

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Thursday, January 8, 1914

B40281 short

No.	Int.	Class	Remark
✓55	5	G5	
✓56	1	F8	
✓57	4	F5	
✓58	2	K2	
✓59	1	K5	
✓60	3	K0	
✓61	1	K0	
✓62	1	K2	
✓63	10+	F5	
✓64	1	G0	
✓65	1	G5	
✓66	5	K0	
✓67	9	F8	
✓68	1	K2	
✓69	2	G0	
✓70	3	K0	
✓71	2	G5	
✓72	2	A5	
✓73	2	K0	
✓74	4	F8	
✓75	2	K2	
✓76	2	F0	
✓77	4	B9	
✓78	4	A0	
✓79	5	A2	
✓80	1	K2	
✓81	4	G5	

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1914phae.proj.2161C

56	−7°	2985	10	6.1	−7	44	8.2
58	−7°	2990	10	7.0	−7	36	9.1
57	−8°	2879	10	7.7	−8	1	8.3
58	−8°	2888	10	9.8	−8	19	8.7
59	−8°	2892	10	10.9	−8	18	9.1
60	−7°	3005	10	11.3	−7	56	8.7
61	−8°	2887	10	9.7	−8	11	9.0
62	−7°	2898	10	9.6	−7	56	8.9
63	−7°	3001	10	10.4	−7	21	5.5
64	−7°	3002	10	10.8	−7	10	8.9
65	−6°	3125	10	11.4	−6	47	8.8
66	−6°	3105	10	6.1	−6	16	8.0
67	−6°	3109	10	6.5	−6	40	7.3
68	−6°	3110	10	6.9	−6	34	9.1
69	−6°	3116	10	7.5	−6	30	9.0
70	−6°	3117	10	8.1	−6	28	8.8
71	−5°	3018	10	7.1	−5	31	9.0
72	−5°	3019	10	7.4	−5	43	9.2
73	−5°	3024	10	7.8	−5	42	8.8
74	−5°	3021	10	7.6	−5	31	8.5
75	−5°	3025	10	8.2	−5	17	9.0
76	−5°	3027	10	8.8	−5	35	9.2
77	−5°	3028	10	9.0	−5	7	8.1
78	−5°	3031	10	9.6	−5	8	9.0
79	−5°	3032	10	10.8	−5	42	8.3
80	−6°	3066	9	56.7	−6	58	8.9
81	−6°	3068	9	57.2	−6	31	7.5

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1914phae.proj.2161C

Thursday, January 8, 1914

B40281 short

	No	Int.	Class	Remark
✓	82	8	Q2	
✓	83	5	Ma	
✓	84	1	F5	
✓	85	2	K0	
✓	86	1	Q2	
✓	87	1	K5	
✓	88	1	K5	
✓	89	1	G0	
✓	90	2	G0	
✓	91	1	G5	
✓	92	7	G0	
✓	93	2	K5	
✓	94	7	F2	
✓	95	1	K5	
✓	96	7	F5	
✓	97	1	G	Focus poor
✓	98	2	K5	Focus poor
✓	99	5	K0	
10.31	✓	100	3	Q0
	101	4	K0	Entered by mistake instead of B13369

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1914phae.proj.2161C

82	−7° 2961	10	0.2	−7	1	7.5
83	−6° 3078	10	0.5	−6	55	6.8
84	−7° 2960	10	0.0	−7	20	9.1
85	−7° 2963	10	1.2	−7	15	8.8
86	−8° 2846	9	59.2	−8	14	9.1
87	−8° 2841	9	57.5	−8	11	8.8
88	−7° 2964	10	1.3	−7	0	8.8
89	−6° 3082	10	1.6	−6	55	9.1
90	−5° 3002	10	2.7	−5	55	9.0
~~91~~	~~−5° 2999~~	~~10~~	~~3.3~~	~~−5~~	~~39~~	~~9.1~~
91	−5° 3000	10	2.3	−5	36	9.3
92	−5° 2991	10	0.3	−5	14	7.6
93	−5° 2989	9	59.8	−5	40	8.7
94	−5° 3011	10	1.8	−5	30	7.8
95	−5° 3008	10	1.2	−5	27	8.6
96	−4° 2809	10	3.1	−4	46	8.0
97	−5° 2995	10	1.1	−5	21	9.1
98	−5° 2993	10	0.7	−5	1	8.5
99	−4° 2802	9	59.8	−4	52	8.2
100	−4° 2798	9	58.6	−4	43	9.0

See chart plate ~~B~~ 2888 V
Which one is classified?

Identified on cards by A.J.C. June 19, 1914
Identified here July 8 1914 W.H.W.
Compared by M.A.H. July 9.

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1914phae.proj.2161C

10.43 Friday, January 9, 1914

B 13369 short

G.M.T. Rec.	Min.	Int.	Class	Remark
1.	4		G_5	
2.	2		K_0	
3	2		F_8	
4	7		F_2	
5	8		G_2	
6	1		F_5	
7	1		K_0	
8	5		F_5	
9	1		K_0	
10	1		G_0	
11	3		K_0	
12	1		K_0	
13	8		K_0	
14	5		F_2	
15	9		G_2	
16	4		K_2	
17	7		G_5	
18	1		G_5	
19	1		F_8	
20	2		K_0	
21	1		K_2	
22	1		K_2	
23	2		F_8	
24	1		K_0	
25	2		G_0	
26	2		F_8	
27	1		F_8	

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1914phae.proj.2161C

1	−1°	2356	10	3.7	−1	42.8	7.8 ✓
2	−3°	2873	10	6.6	−3	24.6	7.8 ✓
3	−3°	2877	10	8.9	−3	11.7	8.5 ✓
4	−4°	2817	10	6.2	−4	22.3	7.0 ✓
5	−4°	2819	10	6.5	−4	30.4	7.3 ✓
6	−4°	2821	10	6.7	−4	13.6	8.6 ✓
7	−4°	2812	10	5.0	−4	20.8	8.7 ✓
8	−4°	2809	10	3.1	−4	45.6	8.0 ✓
9	−3°	2865	10	3.6	−3	36.6	8.0 ✓
10	−3°	2867	10	4.1	−3	30.1	8.5 ✓
11	−4°	2827	10	8.7	−4	22.3	8.0 ✓
12	−4°	2830	10	9.1	−4	32.4	8.7 ✓
13	−4°	2840	10	12.2	−4	22.6	6.5 ✓
14	−4°	2841	10	12.3	−4	30.0	8.0 ✓
15	−4°	2846	10	13.4	−4	39.1	7.0 ✓
16	−4°	2847	10	13.8	−4	41.2	7.0 ✓
17	−5°	3043	10	13.4	−5	27.7	7.7 ✓
18	~~−4°~~ −3°	2809	10	~~3.1~~ 15.3	~~−4~~ −3	~~45.6~~ 0.7	~~8.0~~ 8.7 ✓
19	−3°	2908	10	15.1	−3	10.1	9.0 ✓
20	−3°	2914	10	17.6	−3	14.2	8.9 ✓
21	−3°	2920	10	18.9	−3	19.1	8.7 ✓
22	−2°	3138	10	17.6	−2	47.2	8.8 ✓
23	−2°	3133	10	16.2	−2	18.6	8.9 ✓
24	−2°	3143	10	19.7	−2	19.0	8.5 ✓
25	−3°	2924	10	19.8	−3	49.9	8.5 ✓
26	−4°	2878	10	20.9	−4	4.7	8.9 ✓
27	−3°	2931	10	21.8	−3	56.9	8.7 ✓

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1914phae.proj.216ic

Friday, January 9, 1917

B 13369 short

	No.	Int.	Class	Remark
10.49	28	1	M5	
	~~29~~			
	29	4	K_0	
	30	5	A_2	

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1914phae.proj.2161C

28	-3°	2933	10	22.5	~~-70~~ 3	32.9	9.0
~~29~~		Identified by J. C. M. Jan. 22, 1914					
		Checked by A.H.C. Feb. 4, 1914					
		Cards made out by G.R.B.					
		Cards checked by A.M.L.					
29	-4°	2861	10	16.8	-4	12	7.3
30	-3	2856	10	1.2	-3	26	8.2

108 on B22970

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1914phae.proj.216ic

10.50 Friday, January 9, 1914

B13379 short

G.M.T.	No.	Int.	Class	Remark
	1	2	Q_0	
	2	3	F_5	
	3	1	Q_2	
	4	8	Q_0	
	5	10	K_5	
	6	1	K_2	
	7	2	K_0	
	8	1	K_0	
	9	4	K_0	
	10	1	K_0	
	11	4	K_5	
	12	4	K_2	
	13	3	Q_3	
	14	3	F_8	
	15	4	Q_3	
	16	1	F_0	
	17	2	K_0	
	18	2	K_5	
	19	1	F	
	20	5	K_0	
	21	9	Q_0	
	22	2	F_5	
	23	1	G_5	
	24	2	F_0	
	25	7	K_0	
	26	3	F_0	
	27	8	K_5	

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1014phas.proj.21613

1	−4°	2872	10	19.5	−4	20.8	9.4 ✓
2	−4°	2873	10	19.7	−4	56.2	8.5 ✓
3	−5°	3067	10	19.7	−5	50.2	9.1 ✓
4	−5°	3062	10	19.0	−5	41.4	7.2 ✓
5	−6°	3146	10	18.5	−6	19.5	6.0 ✓
6	−6°	3139	10	16.6	−6	31.4	8.7 ✓
7	−6°	3134	10	15.5	−6	1.2	8.4 ✓
8	−5°	3052	10	15.5	−5	47.6	8.9 ✓
9	−7°	3021	10	16.0	−7	2.5	7.9 ✓
10	−7°	3011	10	13.6	−7	15.3	8.7 ✓
11	−6°	3140	10	17.2	−6	51.2	7.8 ✓
12	−7°	3030	10	18.7	−7	7.0	7.5 ✓
13	−7°	3026	10	17.4	−7	55.5	8.9 ✓
14	−8°	2923	10	19.9	−8	28.9	8.7 ✓
15	−8°	2925	10	20.1	−8	24.2	8.5 ✓
16	~~−8°~~ −7°	3038	10	20.0	−7	43.3	9.2 ✓
17	−7°	3042	10	21.2	−7	33.0	8.7 ✓
18	−7°	3039	10	20.1	−7	3.7	8.1 ✓
19	−6°	3155	10	19.9	−6	54.6	9.1 ✓
20	−5°	3071	10	21.0	−5	51.0	8.0 ✓
21	−5°	3073	10	21.3	−5	33.8	7.7 ✓
22	−4°	2883	10	21.4	−4	40.6	9.0 ✓
23	−4°	2887	10	21.8	−4	46.6	9.1 ✓
24	−5°	3077	10	24.0	−5	38.7	9.0 ✓
25	−5°	3080	10	25.2	−5	19.6	7.2 ✓
26	−6°	3172	10	23.7	−6	15.6	8.5 ✓
27	−6°	3173	10	23.7	−6	53.8	6.0 ✓

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1914phae.proj.2161C

Friday, January 9, 1914
B 13379 short

No.	Int	Class	Remark
28	4	F5	
29	2	K5	
30	2	G0	
31	1	K0	
32	1	K0	
33	5	K0	
34	3	F8	
35	3	K5	
36	1	K2	
37	4	K5	
38	2	K5	
39	1	K2	
40	1	F8	
41	6	F5	
42	2	F8	
43	2	A3	
44	1	K5	
45	3	K2	
46	2	K5	
47	7	G0	
48	2	G5	
49	1	G5	
50	5	A2	
51	1	G0	
52	9	A5	
53	2	K0	
54	3	K0	

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1914phae.proj.2161C

28	-7°	3055	10	25.0	-7	27.0	8.2 ✓
29	-8°	2945	10	24.5	-8	12.2	7.5 ✓
30	-8°	2938	10	22.3	-8	23.2	8.7 ✓
31	-8°	2932	10	21.5	-8	11.0	8.7 ✓
32	-8°	2926	10	20.6	-8	48.6	8.6 ✓
33	-9°	3082	10	21.3	-9	8.7	7.3 ✓
34	-9°	3072	10	18.7	-9	17.9	8.3 ✓
35	-9°	3067	10	17.7	-9	3.6	8.0 ✓
36	-10°	3051	10	15.8	-10	32.8	8.4 ✓
37	-10°	3073	10	23.4	-10	3.5	7.3 ✓
38	-9°	3095	10	24.8	-9	36.3	8.7 ✓
39	-9°	3094	10	24.6	-9	6.2	8.6 ✓
40	-9°	3097	10	25.7	-9	33.8	9.1 ✓
41	-9°	3101	10	27.1	-9	8.9	7.3 ✓
42	-8°	2946	10	26.1	-8	37.0	8.3 ✓
43	-8°	2956	10	27.2	-8	21.7	8.7 ✓
44	-8°	2954	10	27.0	-8	31.9	8.7 ✓
45	-7°	3066	10	28.6	-7	46.8	7.7 ✓
46	-7°	3069	10	29.5	-7	57.8	8.6 ✓
47	-8°	2963	10	29.8	-8	5.4	6.8 ✓
48	-8°	2961	10	29.5	-8	51.9	8.4 ✓
49	-9°	3109	10	29.5	-9	5.0	8.8 ✓
50	-8°	2967	10	30.4	-8	57.9	8.7 ✓
51	-8°	2966	10	30.2	-8	46.8	9.0 ✓
52	-9°	3108	10	29.1	-9	49.6	6.5 ✓
53	-9°	3113	10	31.7	-9	23.6	8.5 ✓
54	-9°	3115	10	32.4	-9	16.3	8.6 ✓

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1914phae.proj.2161C

Friday, January 9, 1914

B 13379 short

No.	Int.	Class	Remark
55	3	G_5	
56	4	K_2	
57	4	Q_2	
58	7	K_0	
59	5	K_2	
60	3	K_5	
61	1	K_5	
62	3	F_2	
63	3	K_2	
64	3	F_8	
65	2	F_5	
66	1	K_2	
67	2	G_0	
68	1	G_5	Partly sup. on 67
69	1	K_0	
70	1	G_5	Another star sup. north preceding.
71	1	G_5	
72	3	G_0	
73	5	Q_2	
74	5	K_2	
75	4	F_0	
76	4	K_2	
77	8	F_8	
78	3	F_5	
79	2	G	The south following of two.
80	4	K_0	
81	3	F_0	

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1914phae.proj.2161C

55	-8°	2975	10	32.6	-8	56.7	8.6 ✓
56	-8°	2976	10	33.0	-8	17.4	7.7 ✓
57	-8°	2981	10	33.8	-8	5.2	8.8 ✓
58	-7°	3097	10	35.2	-7	57.9	6.9 ✓
59	-7°	3094	10	34.6	-7	18.1	7.3 ✓
60	-7°	3083	10	32.3	-7	12.0	7.7 ✓
61	-7°	3081	10	31.6	-7	28.2	8.5 ✓
62	-7°	3070	10	29.7	-7	1.6	8.4 ✓
63	-6°	3201	10	31.3	-6	25.8	8.1 ✓
	-6°	3194		5	-6	8.2	3
64	~~-7°~~	~~3070~~	10	~~29.7~~	~~-7~~	~~1.6~~	~~8.4~~ ✓
65	-5°	3097	10	28.1	-5	30.8	9.1 ✓
66	-5°	3093	10	27.2	-5	17.3	9.1 ✓
67	-5°	3094	10	27.5	-5	52.8	9.1 ✓
68	-5°	3096	10	27.5	-5	47.7	9.2 ✓
69	-5°	3089	10	26.4	-5	37.9	9.0 ✓
70	-6°	3181	10	25.4	-6	8.4	9.1 ✓ -6° 3180 superpond 9.1
71	-5°	3103	10	29.2	-5	5.1	9.1 ✓
72	-5°	3110	10	30.8	-5	15.6	8.8 ✓
73	-5°	3114	10	31.9	-5	8.0	8.7 ✓
74	-5°	3116	10	32.0	-5	27.5	8.6 ✓
75	-5°	3113	10	31.7	-5	54.7	8.7 ✓
76	-5°	3120	10	33.0	-5	56.0	8.0 ✓
77	-5°	3124	10	34.6	-5	49.4	7.6 ✓
78	-5°	3126	10	35.2	-5	45.8	8.8 ✓
79	-5°	3132	10	36.4	-5	50.2	9.1 ✓ -5° 3131 superpond 9.1
80	-5°	3133	10	36.6	-5	19.1	8.2 ✓
81	-5°	3125	10	35.2	-5	3.5	8.7 ✓

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1914phae.proj.2161C

Friday, January 9, 1914

B 13379 short

	No.	Int.	Class	Remark
	82	2	F_0	
	83	5	a_0	
11.09	84	7	a_2	
	85			
	86			
	86	10	F_0	

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1914phae.proj.2161C

82	-4°	29 36	10	36.8	-4	47.2	9.0 c
83	-4°	29 41	10	38.9	-4	59.9	8.5 —
84	-4°	29 46	10	39.5	-4	37.3	8.0 —

Identified by J C M Jan. 22, 1914
~~Card~~ Checked by AMC. Jan. 23, 1914
Cards made out by G.R.B.
Cards checked by AMC.

86	-7° 30 01	10	10.x	-7	21	5.5

Identif. from B 4028 1, 63, and card marked mb. A. J. C. Dec 1, 19[illegible]

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1914phae.proj.216ic

11·12 Friday, January 9, 1914

B 13417 short

G.F.M. Rec.	No.	Int	Class	Remark
	1	2	F8	
	2	2	K0	
	3	3	K2	
	4	6	Q0	
	5	2	F5	
	6	4	K2	
	7	1	G	
	8	2	F5	
	9	2	K5	
	10	2	A2	
	11	2	G0	
	12	2	G0	
	13	1	G5	
	14	3	K2	
	15	2	K2	
	16	3	K0	
	17	5	K2	
	18	6	F5	
	19	6	A5	
	20	6	K0	
	21	1	K0	
	22	2	K0	
	23	5	F8	
	24	2	F8	
	25	1	K2	
	26	7	F8	
	27	6	K0	

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1914phae..proj..2161C

1	−6°	3210	10	34.5	−6	48.8	9.1	∧
2	−6°	3217	10	35.7	−6	7.0	9.1	∧
3	−5°	3139	10	38.7	−5	41.6	8.8	∧
4	−6°	3227	10	38.3	−6	48.8	8.5	∧
5	−7°	3104	10	37.8	−7	16.1	9.0	∧
6	−7°	3105	10	38.2	−7	50.6	8.2	∧
7	−7°	3102	10	36.9	−7	52.4	8.8	∧
8	−8°	2986	10	36.0	−8	19.3	9.0	∧
9	−9°	3133	10	37.5	−9	11.0	8.5	∧
10	−9°	3130	10	37.3	−9	58.7	8.9	∧
11	−9°	3118	10	33.8	−9	19.6	9.0	∧
12	−8°	3000	10	40.0	−8	15.7	9.0	∧
13	−8°	3005	10	40.7	−8	16.3	9.0	∧
14	−7°	3117	10	41.5	−7	58.6	9.0	∧
15	−7°	3116	10	41.4	−7	31.9	8.8	∧
16	−7°	3118	10	41.7	−7	24.4	8.6	∧
17	−7°	3124	10	43.2	−7	42.1	8.3	∧
18	−7°	3129	10	44.4	−7	18.0	8.5	∧
19	−7°	3130	10	45.1	−7	49.0	8.5	∧
20	−6°	3237	10	42.7	−6	42.9	7.8	∧
21	−6°	3233	10	41.6	−6	24.8	8.7	∧
22	−6°	3235	10	42.3	−6	0.2	8.8	∧
23	−5°	3151	10	43.1	−5	54.2	8.3	∧
24	−6°	3239	10	43.3	−6	0.2	8.8	∧
25	−6°	3232	10	40.7	−6	39.2	8.8	∧
26	−6°	3247	10	44.6	−6	25.2	8.5	∧
27	−6°	3250	10	45.4	−6	13.4	8.2	∧

−6° 3248 10 NN 9-6 24 25
mags 9.1 superposed

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1914phae.proj.2161C

Friday, January 9, 1914

B13417 short

No.	Int.	Class	Remark
28	9	F8	
29	2	K2	
30	5	F5	
31	4	K2	
32	4	F5	
33	2	K2	
34	9	G0	
35	1	K0	
36	1	F8	
37	2	K5	
38	1	G	
39	2	F5	
40	4	F8	
41	2	F5	
42	1	K2	
43	2	F5	
44	1	K5	
45	2	F5	
46	7	F5	
47	2	K2	
48	1	G0	
49	8	F2	
50	1	K5	
51	7	G5	
52	8	K0	
53	6	K0	
54	7	K0	

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1914phae..proj..2161C

28	−6°	3252	10	45.5	−6	2.7	7.2
29	−5°	3161	10	46.9	−5	57.5	8.7
30	−6°	3265	10	48.1	−6	3.4	8.5
31	−6°	3266	10	48.1	−6	11.5	8.5
32	−6°	3264	10	48.0	−6	49.4	8.4
33	−7°	3141	10	48.0	−7	22.7	8.6
34	−7°	3139	10	47.5	−7	36.5	8.0
35	−7°	3138	10	47.4	−7	56.0	8.5
36	−7°	3133	10	46.2	−7	18.1	9.0
37	−7°	3147	10	50.3	−7	31.0	8.8
38	−8°	3046	10	49.9	−8	3.7	9.0
39	−8°	3047	10	50.4	−8	44.2	9.0
40	−9°	3185	10	53.2	−9	9.4	8.5
41	−8°	3063	10	53.4	−8	28.9	8.8
42	−8°	3059	10	52.5	−8	26.4	8.8
43	−8°	3057	10	51.7	−8	24.2	9.0
44	−8°	3055	10	51.6	−8	4.8	9.0
45	−7°	~~3158~~ 3162	10	~~54.0~~ 55.2	−7	~~28.5~~ 27.2	~~9.0~~ 9.2
46	−7°	3163	10	55.7	−7	36.5	8.2
47	−8°	3068	10	55.6	−8	32.8	8.6
48	−8°	3071	10	56.1	−8	13.4	9.1
49	−8°	3074	10	56.7	−8	17.6	7.8
50	−9°	3198	10	56.5	−9	32.8	8.7
51	−9°	3201	10	58.0	−9	30.5	8.2
52	−6°	3300	10	56.5	−6	54.1	7.2
53	−6°	3305	10	58.8	−6	13.5	7.7
54	−4°	2952	10	41.8	−4	38.4	7.5

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1914phae.proj.216IC

Friday, January 9, 1914

B 13417 short

No.	Int.	Class	Remark
55	1	F0	
56	3	F0	
57	4	F2	
58	3	G0	
59	5	F8	
60	1	G5	
61	2	G5	
62	4	F8	
63	2	A0	
64	1	K0	
65	1	F5	
66	2	A2	
67	3	K2	
68	2	K2	
69	1	K2	
70	5	K0	
71	3	F8	
72	2	K0	
73	6	A3	
11123 74	6	F8	
75			
76			
77			
78			
79			
80			
81			

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1914phae.proj.2161C

55	-4°	2954	10	42.1	-4	43.2	8.6
56	-4°	2957	10	43.2	-4	49.6	9.1
57	-4°	2963	10	43.9	-4	53.4	8.9
58	-5°	3154	10	44.5	-5	1.1	9.2
59	-5°	3153	10	43.9	-5	7.2	8.7
60	-4°	2975	10	48.4	-4	46.9	7.9
61	-5°	3166	10	48.6	-5	51.4	9.0
62	-5°	3173	10	49.8	-5	43.5	8.6
63	-5°	3172	10	49.8	-5	30.1	9.0
64	-6°	3274	10	51.2	-6	16.8	8.7
65	-7°	3149	10	50.8	-7	4.7	9.0
66	-6°	3278	10	52.1	-6	34.1	8.8
67	-6°	3281	10	52.4	-6	48.0	8.3
68	-6°	3289	10	54.3	-6	12.1	8.9
69	-5°	3189	10	55.4	-5	36.8	7.7
70	-5°	3196	10	57.9	-5	43.6	8.0
71	-5°	3197	10	58.1	-5	39.5	8.4
72	-5°	3193	10	56.7	-5	39.8	8.4
73	-4°	2996	10	53.8	-4	54.8	8.7
74	-5°	3182	10	52.9	-5	1.7	8.5

Identified by AMC Feb. 12, 1914
Checked April 13 1914 L W
Cards made out by G. C. D.
Cards checked by G. R. B.

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1914phae.proj.216IC

Friday Jan. 9, 1914

12, 18

I 38647 long

	No.	Dist.	class	Remarks
✓	1	1	G5	
✓	2	1	K0	
✓	3	2	G0	
✓	4	2	F8	
✓	5	1	F8	
✓	6	1	G0	
✓	7	2	G0	
✓	8	1	K0	
✓	9	3	A2	
✓	10	1	K0	Partly superposed on 9
✓	11	2	G0	
✓	12	1	F8	
✓	13	1	K2	
✓	14	2	G5	
✓	15	6	G0	
✓	16	1	G5	
✓	17	6	F5	
✓	18	2	K0	
✓	19	1	G5	
✓	20	1	K0	
✓	21	7	A0	
✓	22	4	K0	
✓	23	4	G5	
✓	24	3	F5	
✓	25	3	K2	
✓	26	7	F0	
✓	27	2	K0	

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1914phae.proj.2161C

1	+16°	2110	10	11.8	+16	29	8.8 ✓
2	+15°	2196	10	16.8	+15	53	9.1 ✓
3	+14.5°	2197	10	18.6	+14.5	39	8.5 ✓
4	+14°	2243	10	18.8	+14.5	59	8.9 ✓
5	+15°	2203	10	20.1	+14.5	1	9.0 ✓
6	+14°	2249	10	20.3	+14	50	9.2 ✓
7	+14°	2252	10	22.0	+14	54	8.8 ✓
8	+15°	2208	10	22.0	+15	26	9.0 ✓
9	+17°	2218	10	17.5	+17	25	9.1 ✓
10	+17°	2219	10	17.6	+17	38	8.8 ✓
11	+17°	2207	10	12.5	+17	56	8.9 ✓
12	+17°	2208	10	13.1	+17	56	9.0 ✓
13	+17°	2233	10	21.9	+17	43	8.3 ✓
14	+19°	2352	10	22.9	+19	23	9.0 ✓
15	+18°	2372	10	24.3	+18	44	7.5 ✓
16	+18°	2371	10	23.9	+18	28	9.0 ✓
17	+20°	2500	10	25.2	+20	19	8.5 ✓
18	+21°	2208	10	25.8	+21	31	8.6 ✓
19	+20°	2498	10	25.0	+20	45	9.0 ✓
20	+20°	2503	10	27.6	+20	15	9.1 ✓
21	+19°	2355	10	28.3	+19	24	8.3 ✓
22	+18°	2381	10	28.1	+18	48	8.0 ✓
23	+19°	2359	10	29.8	+19	7	8.3 ✓
24	+20°	2507	10	30.0	+20	43	8.2 ✓
25	+19°	2364	10	33.2	+19	37	8.4 ✓
26	+18°	2386	10	32.2	+18	49	7.6 ✓
27	+19°	2365	10	34.2	+19	10	8.2 ✓

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1914phae.proj.2161C

Friday Jan. 9. 1914

I 38647 long

No.	Dist.	Class	Remark
✓ 28	6	K0	
✓ 29	7	F2	
✓ 30	8	A2	
✓ 31	2	K0	
✓ 32	4	F5	
✓ 33	2	F8	
✓ 34	3	K0	
✓ 35	1	G5	
✓ 36	1	K0	Partly superposed on 35
✓ 37	1	G	
✓ 38	1	G5	
✓ 39	7	F5	
✓ 40	2	G0	
✓ 41	9	F2	
✓ 42	2	F5	
✓ 43	4	G5	
✓ 44	1	K0	
✓ 45	2	G0	
✓ 46	1	K0	
✓ 47	2	Ma	
✓ 48	1	G5	
✓ 49	1	K0	Another plate superp. at south—
✓ 50	2	A2	
✓ 51	1	K2	
✓ 52	2	G5	
✓ 53	2	K5	
✓ 54	1	K2	

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1914phae.proj.2161C

28	+18°	2390	10	34.7	+18	0	7.0 ✓
29	+19°	2366	10	35.1	+19	9	7.5 ✓
30	+17°	2259	10	33.4	+17	38	7.5 ✓
31	+17°	2265	10	35.0	+17	54	8.5 ✓
32	+17°	2269	10	37.4	+17	6	7.8 ✓
33	+17°	2272	10	38.8	+17	38	8.3 ✓
34	+17°	2273	10	39.0	+17	18	7.0 ✓
35	+18°	2374	10	25.6	+18	19	8.8 ✓
36	+18°	2375	10	25.7	+18	26	8.8 ✓
37	+17°	2246	10	28.4	+17	47	8.8 ✓
38	+18°	2382	10	29.2	+18	1	8.7 ✓
39	+18°	2384	10	30.0	+18	2	7.7 ✓
40	+17°	2252	10	31.1	+17	46	8.8 ✓
41	+16°	2144	10	31.1	+16	53	6.5 ✓
42	+16°	2146	10	31.2	+16	44	8.1 ✓
43	+16°	2150	10	31.8	+16	46	8.2 ✓
44	+16°	2148	10	31.8	+16	5	9.1 ✓
45	+16°	2138	10	28.4	+16	38	8.7 ✓
46	+16°	2139	10	28.8	+16	47	8.5 ✓
47	+15°	2224	10	28.6	+15	33	8.2 ✓
48	+15°	2225	10	29.1	+15	56	8.8 ✓
49	+15°	2227	10	29.8	+15	54	8.8 ✓ +15° 2228 sup. 9.0
50	+15°	2229	10	30.1	+15	45	8.5 ✓
51	+17°	2255	10	32.1	+17	20	8.4 ✓
52	+17°	2263	10	34.4	+17	2	8.6 ✓
53	+14°	2257	10	25.5	+14	36	9.0 ✓
54	+15°	2221	10	26.7	+15	36	9.3 ✓

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1914phae.proj.216ic

Friday Jauua. 9, 1914

I 38647 long

	No.	Int.	Class	Remark
12.28	✓ 55	2	g_5	
	~~56~~			
	56	8	K_0	
	57	3	K_2	
	58	3	K_0	
	59	2	g_0	
	60	2	g_0	
	61	7	F_8	
	62	7	K_0	
	63	4	g_5	
	64	9	K_0	
	65	8	A_3	
	66	3	A_3	
	67	3	F_8	

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	55	+14°	2261	10	27.2	+14	21	8.8 ✓	

Identified on cards by A.M.C. June 4, 1914
Identified in book by J.C.M. June 4, 1914
Identification compared cards + book by G.R.B.

✓	56	+19°	2371	10	38.6	+19	40	5.6	89 on J37504
✓	57	+16°	2122	10	19.7	+16	31	7.5	53 on J37571
✓	58	+18°	2368	10	21.1	+18	49	8.2	48 " "
✓	59	+19°	2349	10	21.2	+19	41	9.2	101 " "
✓	60	+17	2274	10	39.7	+17	41	8.7	2 on J37504
✓	61	+17	2224	10	19.0	+17	58	7.5	46 on J37571
✓	62	+20	2487	10	19.1	+20	6	6.8	98 " "
✓	63	+21	2485	10	19.1	+21	10	7.7	94 " "
✓	64	+19	2368	10	36.0	+19	5	6.7	87 on J37504
✓	65	+20	2574	10	36.4	+20	31	6.8	88 " "
✓	66	+20	2509						14 on J38208
✓	67	+19	2363						15 " "

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10.42 Saturday, January 10, 1914

B 39867 short

No	Int.	Class	Remark
1	1	A	
2	2	K5	
3	2	G5	
4	1	K2	
5	1	A0	
6	2	A2	
7	3	A0	
8	4	K0	
9	5	A0	
10	2	A0	
11	7	A0	
12	4	A0	
13	1	K5	
14	6	A0	
15	2	K2	
16	3	A2	
17	2	A2	
18	5	Bq	
19	4	K2	E.
20	3	A0	E.
21	4	K2	E.
22	2	A2	E.
23	3	A2	E.
24	3	A0	E.
25	3	A2	E.
26	4	A0	E. Another star sup. at north.
27	4	B8	E.

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1	–	Approx 1855	7	2.2	–1	20		1 ✓
2	–1°	1571	7	2.2	–1	8.0	8.6	✓
3	–0°	1623	7	2.2	–0	56.3	9.2	✓
4	–0°	1625	7	2.6	–0	30.0	9.2	✓
5	Approx.	1855	7	2.8	–0	20.		1 ✓
6	–0°	1628	7	2.9	–0	38.2	9.2	✓
7	–1°	1578	7	3.3	–1	2.7	9.3	✓
8	–0°	1635	7	4.2	–0	48.0	8.5	✓
9	–1°	1574	7	2.8	–1	38.5	8.7	✓
10	–1°	1575	7	3.2	–1	30.6	9.4	✓
11	–1°	1579	7	3.3	–1	36.5	8.2	✓
12	–1°	1584	7	4.0	–1	23.6	8.9	✓
13	–1°	1586	7	4.2	–1	7.1	8.7	✓
14	–1°	1593	7	4.8	–1	12.7	8.8	✓
15	–1°	1592	7	4.8	–1	1.9	8.8	✓
16	–1°	1591	7	4.7	–1	25.1	9.4	✓
17	–1°	1595	7	4.9	–1	19.6	9.4	✓
18	–1°	1597	7	5.0	–1	32.8	8.7	✓
19	–2°	1963	7	3.6	–2	19.6	8.4	✓
20	–2°	1974	7	4.7	–2	47.8	8.8	✓
21	–2°	1980	7	5.1	–2	19.8	8.2	✓
22	–2°	1979	7	5.1	–2	14.2	9.4	✓
23	–2°	1983	7	5.3	–2	9.3	9.2	✓
24	–2°	1986	7	5.4	–2	5.7	9.2	✓
25	–2°	1992	7	5.8	–2	7.5	9.2	✓
26	–2°	1995	7	5.9	–2	4.1	9.4	✓ –2° 1994 superposed 9.3
27	–1°	1603	7	6.2	–1	50.4	9.0	✓

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Saturday, January 10, 1914

B 39867 short

No.	Int.	Class	Remark
28	2	Q_2	E.
29	2	K_0	E.
30	2	Q	E.
31	2	Q_2	E.
32	3	Q	E.
33	3	Q_2	
34	4	B9	
35	5	Comp.	$B_2 = G_0$ $H_1 = Q_3$ $K = 0.4\,H.$
36	3	Q_0	
37	2	G_5	
38	4	Q_0	
39	2	Q_3	
40	5	K_0	
41	1	Q_0	
42	4	K_0	
43	4	F_2	
44	2	Q_0	
45	1	Q_0	
46	3	Q_0	
47	5	Q_0	
48	3	Q_2	
49	2	K_2	
50	2	F_0	
51	6	G_0	
52	1	Q_0	
53	3	Q_2	
54	3	K_5	

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28	−2°	1996	7	6.0	−2	24.0	9.1 ✓
29	−2°	1982	7	5.3	−2	42.8	8.3 ✓
30	−2°	2001	7	6.6	−2	39.9	9.0 ✓
31	−2°	2007	7	7.7	−2	54.2	9.0 ✓
32	−2°	2003	7	7.0	−2	4.3	9.2 ✓
33	−1°	1609	7	7.0	−1	41.4	9.5 ✓
34	−1°	1610	7	7.1	−1	31.8	8.5 ✓
35	−1°	1612	7	7.5	−1	7.5	8.2 ✓
36	−1°	1601	7	5.9	−1	1.8	9.2 ✓
37	−0°	1647	7	6.0	−0	53.1	9.0 ✓
38	−0°	1652	7	6.5	−0	57.5	9.0 ✓
39	−0°	1653	7	6.8	−0	43.6	9.5 ✓
40	−0°	1656	7	8.1	−0	54.9	8.5 ✓
41	Approx.	1855	7	8.1	−0	48	1 ✓
42	−0°	1659	7	8.3	−0	44.9	8.8 ✓
43	−0°	1660	7	8.4	−0	21.3	9.0 ✓
44	Approx	1855	7	8.5	−0	30	1 ✓
45	−0°	1657	7	8.2	−0	4.5	9.5 ✓
46	−0°	1668	7	9.9	−0	32.9	9.3 ✓
47	−0°	1672	7	10.6	−0	35.9	9.0 ✓
48	−0°	1674	7	11.2	−0	23.8	9.4 ✓
49	−1°	1613	7	7.6	−1	51.0	8.7 ✓
50	−1°	1617	7	8.1	−1	42.3	8.8 ✓
51	−1°	1618	7	8.2	−1	36.3	8.0 ✓
52	−2°	2006	7	7.6	−2	10.0	9.3 ✓
53	−1°	1626	7	9.3	−1	50.3	9.2 ✓
54	−1°	1628	7	9.4	−1	22.8	8.6 ✓

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Saturday, January 10, 1914

B 39867 short

No.	Int.	Class	Remark
55	2	Q_0	
56	4	Q_3	
57	1	Q_0	
58	4	K_0	
59	6	B9	
60	4	F_0	
61	3	Q_2	E.
62	3	B9	E.
63	2	Q_0	E.
64	3	Q_0	E.
65	5	Q_0	E.
66	1	Q	Partly sup. on 65
67	1	K_5	E.
68	4	F_8	
69	4	B9	
70	7	Q_0	
71	2	Q_0	
72	2	K_2	
73	6	Q_2	
74	5	B8	
75	3	Q_2	
76	7	Q_5	
77	1	K_5	
78	1	K_5	
79	6	B9	
80	2	B9	
81	1	K_0	

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55	−1°	1629	7	9.5	−1	16.9	9.5	✓
56	−1°	1632	7	9.7	−1	20.4	8.3	✓ −1° 1631 superfound 9.3
57	Approx.	1855	7	9.8	−1	17		∧✓
58	−1°	1635	7	10.0	−1	32.0	8.7	✓
59	−1°	1641	7	10.4	−1	17.0	8.7	✓
60	−1°	1644	7	10.5	−1	43.7	8.7	✓
61	−2°	2028	7	10.1	−2	25.2	8.8	✓
62	−2°	2038	7	10.7	−2	17.5	9.1	✓
63	−1°	1651	7	11.7	−1	57.1	9.4	✓
64	−2°	2050	7	12.2	−2	17.8	8.7	✓
65	−2°	2068	7	14.0	−2	24.7	8.7	✓
66	−2°	2069	7	14.0	−2	17.8	9.1	✓
67	−2°	2066	7	13.8	−2	7.9	9.0	✓ 9.2 −2° 2065 superfound
68	−1°	1668	7	13.8	−1	36.7	8.7	✓
69	−1°	1650	7	11.5	−1	8.6	8.8	✓
70	−1°	1653	7	11.8	−1	23.2	8.3	✓
71	−1°	1656	7	12.4	−1	43.6	9.1	✓
72	−1°	1658	7	12.5	−1	9.0	8.7	✓
73	−1°	1659	7	12.5	−1	2.6	8.5	✓
74	−0°	1680	7	12.2	−0	38.9	8.7	✓
75	−0°	1682	7	13.2	−0	56.3	8.7	✓
76	−0°	1683	7	13.4	−0	35.3	8.0	✓
77	−0°	1686	7	13.8	−0	42.5	8.8	✓
78	−1°	1662	7	13.2	−1	27.9	9.0	✓
79	−1°	1663	7	13.2	−1	19.8	8.2	✓
80	−1°	1673	7	14.1	−1	12.7	9.2	✓
81	−1°	1677	7	14.9	−1	36.1	9.0	✓

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Saturday, January 10, 1914

J B39867 short

No.	Int.	Class	Remark
82	1	Q3	
83	4	Q0	
84	2	Q5	
85	3	Q0	
86	1	F2	
87	8	K0	
88	10	B9	
89	8	B9	
90	4	B9	
91	6	Q2	
92	2	G0	
93	3	Q2	
94	3	Q0	
95	1	K0	
96	2	Q2	
97	1	Q5	
98	6	Q5	
99	7	Q0	
100	1	Q5	
101	1	Q0	
102	1	K0	
103	5	Q0	
104	4	Q0	
105	7	Q2	
106	3	Q5	
107	3	K2	
108	3	F0	

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82	−0°	1684	7	13.6	−0	24.0	9.3 ✓
83	−0°	1685	7	13.8	−0	6.8	9.0 ✓
84	+0°	1913	7	13.7	+0	16.8	9.0 ✓
85	+0°	1910	7	13.3	+0	36.6	9.0 ✓
86	+1°	1782	7	14.4	+1	15.4	9.0 ✓
87	+0°	1916	7	15.0	+0	58.5	7.0 ✓
88	+0°	1915	7	14.6	+0	27.4	7.0 ✓
89	+0°	1918	7	15.1	+0	0.8	7.6 ✓
90	+0°	1920	7	15.7	+0	3.8	8.7 ✓
91	+0°	1921	7	15.9	+0	49.7	7.9 ✓
92	+0°	1929	7	16.3	+0	17.3	8.8 ✓
93	+0°	1932	7	16.9	+0	3.8	9.0 ✓
94	+1°	1784	7	15.1	+1	31.0	8.8 ✓
95	+2°	1643	7	12.3	+2	34.7	8.8 ✓
96	+2°	1647	7	13.1	+2	35.0	8.9 ✓
97	+2°	1648	7	13.3	+2	30.9	8.8 ✓
98	+2°	1652	7	14.1	+2	57.1	8.3 ✓
99	+2°	1654	7	14.7	+2	25.4	8.0 ✓
100	+2°	1649	7	13.4	+2	11.2	9.0 ✓
101	+2°	1650	7	13.9	+2	8.4	9.2 ✓
102	+1°	1780	7	13.9	+1	56.8	9.0 ✓
103	+1°	1781	7	14.4	+1	48.9	8.5 ✓
104	+2°	1665	7	15.7	+2	27.4	8.8 ✓
105	+2°	1664	7	16.5	+2	15.8	8.0 ✓
106	+1°	1793	7	17.0	+1	38.5	8.9 ✓
107	+1°	1796	7	17.4	+1	54.2	8.6 ✓
108	+0°	1933	7	17.0	+0	52.4	9.0 ✓

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1914phae.proj.2161C

Saturday January, 10, 1914

B 39867 short

No.	Int.	Class	Remark
109	2	Q0	
110	3	F5	
111	1	Q0	
112	3	Q	Partly sup. on 113
113	3	F0	
114	2	Q2	
115	1	K5	
116	2	K8	
117	2	K5	
118	2	Q0	
119	1	F5	
120	2	K5	
121	1	Q0	
122	3	Q3	
123	4	Q2	
124	6	Q0	
125	5	Q0	
126	2	Q0	
127	3	F5	
128	1	K0	
129	3	B9	
130	2	Q0	
131	3	Q2	Another star sup. on preceding side
132	2	F0	
133	1	B	Almost cont.
134	1	B9	
135	2	Q5	

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109	+0°	1935	7	18.0	+0	45.4	8.9	✓
110	+0°	1936	7	18.1	+0	31.1	9.0	✓
111	+4°	1581	6	58.2	+4	57.0	9.1	✓
112	+2°	1505	6	53.1	+2	36.7	9.2	✓
113	+2°	1506	6	53.1	+2	32.9	8.7	✓
114	+2°	1524	6	55.3	+2	49.5	9.0	✓
115	+3°	1523	6	55.8	+3	5.2	9.0	✓
116	+2°	1535	6	57.1	+2	28.1	8.7	✓
117	+2°	1537	6	57.5	+2	52.6	9.1	✓
118	+2°	1532	6	56.9	+2	9.1	9.3	✓
119	+2°	1534	6	56.9	+2	3.4	9.1	✓
120	+1°	1662	6	56.7	+1	26.4	8.8	✓
121	+1°	1666	6	56.8	+1	18.5	9.3	✓
122	+1°	1668	6	57.0	+1	8.1	9.0	✓
123	+1°	1670	6	57.1	+1	24.0	8.9	✓
124	+1°	1674	6	57.4	+1	18.7	8.7	✓
125	+1°	1680	6	57.9	+1	6.8	8.8	✓
126	+1°	1679	6	57.8	+1	31.3	9.4	✓
127	+1°	1677	6	57.6	+1	37.3	8.8	✓
128	+1°	1673	6	57.4	+1	46.6	8.9	✓
129	+1°	1675	6	57.5	+1	48.5	9.2	✓
130	+1°	1678	6	57.7	+1	46.1	9.2	✓
131	+2°	1555	6	59.7	+2	0.9	9.0	✓ star superposed on prec. side is not sat.
132	+1°	1698	7	0.3	+1	59.8	9.0	✓
133	+1°	1699	7	0.4	+1	56.5	9.3	✓
134	+2°	1558	7	0.3	+2	11.8	9.5	✓
135	+2°	1569	7	1.0	+2	43.4	9.3	✓

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Saturday, January 10, 1914

B39867 short

No.	Int.	Class	Remark
136	2	G5	
137	2	G5	Another star sup. at north
138	3	F0	
139	2	F2	
140	1	K5	
141	1	A0	
142	3	B9	
143	2	A0	
144	2	A3	
145	3	B9	
146	2	A0	
147	1	K5	
148	2	A0	
149	3	K0	
150	1	K5?	
151	1	B9	
152	3	F5	
153	2	A0	
154	3	A2	
155	2	A0	
156	1	K5	
157	1	G5	
158	1	A0	
159	2	A2	
160	2	B9	
161	1	K0	
162	2	A0	

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136	+2°	1578	7	1.8	+2	57.9	9.0 ✓	
137	+2°	1581	7	2.3	+2	59.3	9.0 ✓	+3° 1576 superposed 9.5
138	+3°	1581	7	3.3	+3	10.5	9.1 ✓	
139	+3°	1583	7	3.4	+3	4.8	9.0 ✓	
140	+2°	1591	7	3.9	+2	34.4	8.8 ✓	
141	+2°	1593	7	4.4	+2	20.6	9.3 ✓	
142	+2°	1605	7	6.1	+2	16.6	9.3 ✓	
143	+2°	1606	7	6.3	+2	14.5	9.5 ✓	
144	+3°	1600	7	5.6	+3	5.0	9.3 ✓	
145	+3°	1613	7	7.0	+3	8.5	8.9 ✓	
146	+2°	1612	7	7.6	+2	52.0	9.5 ✓	
147	+2°	1615	7	7.8	+2	19.4	8.9 ✓	
148	+1°	1752	7	8.6	+1	41.5	9.3 ✓	
149	+1°	1757	7	9.3	+1	14.0	8.4 ✓	
150	+1°	1767	7	10.7	+1	30.8	9.1 ✓	
151	+3°	1565	7	0.9	+3	54.6	9.5 ✓	
152	+4°	1600	7	1.0	+4	1.8	9.0 ✓	
153	+3° +4°	1564 ~~1607~~	7	0.9	+3 +4	27.4 ~~9.9~~	9.3 2 ✓	
154	approx.	1855	7	1.3	+3	35	1 ✓	
155	+4°	1607	7	1.9	+4	9.9	9.3 ✓	
156	+4°	1612	7	2.6	+4	7.1	9.0 ✓	
157	+3°	1582	7	3.4	+3	41.0	9.3 ✓	
158	+3°	1592	7	4.3	+3	36.6	9.4 ✓	
159	+3°	1593	7	4.6	+3	57.5	9.0 ✓	
160	+3°	1598	7	5.4	+3	45.9	9.0 ✓	
161	+4°	1624	7	5.6	+4	5.2	9.0 ✓	
162	+3°	1606	7	6.4	+3	58.1	9.1 ✓	

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Saturday, January 10, 1914

B39867 short

No.	Int.	Class	Remark
163	1	K2	
164	2	B9	
165	3	A0	
166	4	K0	
167	1	A2	Partly sup. on 166
168	3	A2	
169	3	F0	E.
170	3	F2	E.
171	1	A	E.
172	2	K0	
173	1	F	
174	1	G5	
175	2	A2	
176	1	G5	
177	2	Mb	
178	1	G0	
179	1	G5	
180	3	A3	
181	2	A3	
182	3	A0	
183	5	A0	
184	5	A0	
185	2	K5	
186	1	K2	
187	4	K0	
188	3	K0	
189	1	A2	

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163	+3°	1602	7	5.8	+3	40.3	9.0
164	+4°	1626	7	6.0	+4	22.2	9.2
165	+4°	1637	7	7.3	+4	44.4	9.3
166	+4°	1638	7	7.6	+4	44.5	8.7
167	+4°	1639	7	7.6	+4	41.4	9.5
168	+4°	1640	7	7.9	+4	45.5	9.2
169	+4°	1643	7	8.7	+4	59.6	8.8
170	+4°	1648	7	9.3	+4	52.2	8.7
171	+4°	1649	7	9.3	+4	45.2	9.0
172	+3°	1622	7	8.8	+3	27.3	8.8
173	+3°	1619	7	8.5	+3	13.0	9.4
174	+3°	1621	7	8.8	+3	3.6	9.2
175	+2°	1624	7	~~9.3~~ 8.9	+2	~~59.7~~ 58.1	~~8.8~~ 9.3
176	+3°	1634	7	10.8	+3	26.3	9.0
177	+3°	1639	7	11.4	+3	47.5	8.7
178	+4°	1659	7	11.6	+4	4.0	8.8
179	+3°	1644	7	12.2	+3	49.9	9.0
180	+3°	1647	7	12.7	+3	29.8	9.0
181	+3°	1646	7	12.7	+3	11.4	9.3
182	+3°	1652a	7	13.2	+3	44.0	9.0
183	+3°	1656	7	14.1	+3	37.1	9.0
184	+3°	1657	7	14.3	+3	47.4	8.7
185	+3°	1658	7	14.4	+3	24.2	8.5
186	+3°	1659	7	14.5	+3	16.9	9.0
187	+3°	1660	7	14.6	+3	12.8	8.5
188	+3°	1662	7	14.8	+3	15.5	8.7
189	+2°	1659	7	15.1	+2	58.6	9.3

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1914phae.proj.2161C

Saturday, January 10, 1914

B 9867 short

No.	Int.	Class	Remark
190	1	G5	
191	1	A2	
192	2	F5	
193	6	K0	
194	4	A2	
195	3	K0	
196	2	B9	
197	1	F0	
198	2	F0	
199	4	A2	(Partly sup. on ~~B9~~ star, at north)
200	3	A0	
201	3..	A0	
202	5	B8	
203	3	F0	
204	3	F5	
205	1	K0	
206	2	B9	
207	2	A0	
208	2...	K0	Another star sup. at south
11.19 209	1 ..	G5	
	~~210~~		

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1914phae.proj.2161C

190	+2°	1662	7	15.8	+2	40.9	8.7 ✓
191	Approx.	1855	7	17.7	+2	28	1 ✓
192	+2°	1666	7	17.7	+2	11.2	9.0 ✓
193	+3°	1670	7	16.7	+3	26.6	8.0 ✓
194	+3°	1674	7	17.4	+3	18.3	8.8 ✓
195	+3°	1682	7	18.8	+3	2.3	8.5 ✓
196	+0°	1835	7	3.3	+0	46.7	9.3 ✓
197	+0°	1838	7	3.5	+0	28.6	9.2 ✓
198	+0°	1836	7	3.3	+0	6.7	9.2 ✓
199	−0°	1633	7	4.0	−0	11.0	8.8 ✓
200	−0°	1639	7	5.0	−0	9.3	9.3 ✓
201	−0°	1644	7	5.6	−0	15.6	9.2 ✓
202	−0°	1651	7	6.4	−0	1.9	9.0 ✓
203	+0°	1857	7	6.4	+0	6.1	9.0 ✓
204	+0°	1870	7	7.9	+0	27.4	9.0 ✓
205	+0°	1888	7	10.3	+0	23.5	9.0 ✓
206	+0°	1890	7	10.6	+0	24.7	9.5 ✓
207	+0°	1894	7	11.2	+0	18.2	9.2 ✓
208	+0°	1900	7	12.0	+0	21.4	8.5 ✓ +0° 1899 Astron. Nachr. 95
209	+1°	1778	7	13.1	+1	22.0	9.0 ✓

Identified by J & M Jan. 24, 1914
Checked by AMC. Jan. 26, 1914
Cards made out by E. R. B.
Cards checked by AMC.

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1914phae.proj.2161C

Saturday July 15, 1916

B 39867

No.	Dup.	Class	Remark
210	2	A2	
211	3	Go	
212	2	Ao	
213	2	Ao	
214	3	Ao	
215	5	Bq	
216	1	Ao	
217	2	K2	
218	3	Ao	
219	1	K2	
220	2	Ko	
221	2	Ko	
222	3	Ao	
223	3	B8	
224	3	Go	
225	2	Ao	Partly superposed on 224
226	3	A	Star superposed at south.
227	2	Ao	
228	2	Ko	

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1914phae.proj.2161C

✓	210 +1°	1707	7	1.5	+1	27	9.2	82 on D 37700
✓	211 +0°	1798	6	58.8	+0	31	9.0	40 " "
✓	212 +2°	1598	7	5.2	+2	21	9.0	84 " "
–	213 +0°	1850	7	5.3	+0	46	9.2	59 " "
✓	214 +1°	1772	7	12.1	+1	36	9.1	94 " "
✓	215 +3°	1651	7	13.2	+3	40	8.5	122 on D37700
✓	216 +5°	1622	7	11.5	+5	4	8.7	124 on D37700
✓	217 +1°	1722	7	3.8	+1	52	8.2	113 on D37652
✓	218 +3°	1577	7	2.5	+3	9	9.4	117 " "
✓	219 +4°	1601	7	1.1	+4	43	9.0	190 " "
✓	220 +4°	1595	7	0.3	+4	26	8.7	187 " "
✓	221 +3°	1554	6	59.9	+3	38	8.9	100 " "
✓	222 +2°	1556	6	59.7	+2	56	9.1	101 " "
✓	223 +2°	1559	7	0.4	+2	55	9.0	102 " "
✓	224 +2°	1573	7	1.2	+2	34	8.7	105 on D37652
	225 +2°	1572	7	1.2	+2	29	9.0	–
✓	226 +3°	1560	7	0.5	+3	36	9.2	114 on D37652
✓	227 +1°	1660	6	56.3	+1	45	8.8	87 " "
✓	228 +2°	1496	6	52.2	+2	54	8.8	165 " "

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1914phae.proj.216IC

10:06 Monday, January 12, 1914

B 22977 short

G.M.T.	Rec. No.	Int.	Class	Remark
✓	1	2	G5	
✓	2	3	K2	
✓	3	1	G5	
✓	4	3	K2	
✓	5	4	K0	
✓	6	3	F5	
✓	7	1	K0	
✓	8	2	K5	
✓	9	4	K0	
✓	10	3	K0	
✓	11	1	K0	
✓	12	6	F5	
✓	13	3	K2	
✓	14	8	K2	
✓	15	10	Q2	
✓	16	3	F8	
✓	17	7	K2	
✓	18	2	K5	
✓	19	6	K2	
✓	20	2	K0	
✓	21	5	Q2	
✓	22	4	K5	
✓	23	4	F8	
✓	24	10	G5	
✓	25	10+	G5	
✓	26	3	F0	
✓	27	3	G0	

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1914phae.proj.2161C

1	−1° 2435	10	37.2	−1	43	8.5	✓
2	−1° 2440	10	38.8	−1	40	8.7	✓
3	−1° 2441	10	39.6	−1	23	8.8	✓
4	−1° 2443	10	40.2	−1	20	8.7	✓
5	−0° 2374	10	40.0	−0	58	8.5	✓
6	−1° 2442	10	39.9	−1	7	8.4	✓
7	−0° 2372	10	39.3	−0	55	9.0	✓
8	−1° 2451	10	42.5	−1	11	8.5	✓
9	−1° 2448	10	41.9	−1	60	8.8	✓
10	−1° 2450	10	42.5	−1	55	8.7	✓
11	−1° 2452	10	43.1	−1	55	9.0	✓
12	−2° 3221	10	41.2	−2	29	8.0	✓
13	−2° 3230	10	42.8	−2	26	8.6	✓
14	−2° 3236	10	43.7	−2	19	6.0	✓
15	−3° ~~3099~~ 2999	10	41.9	−3	16	6.7	✓
16	−3° 3004	10	43.9	−3	36	9.0	✓
17	−3° 3005	10	44.0	−3	38	7.5	✓
18	−3° 3006	10	44.6	−3	21	8.5	✓
19	−3° 3010	10	45.5	−3	9	8.0	✓
20	−2° 3238	10	44.4	−2	54	8.7	✓
21	−2° 3241	10	45.6	−2	17	8.3	✓
22	−1° 2454	10	44.3	−1	50	8.5	✓
23	−1° 2455	10	44.3	−1	~~50~~ 42	~~8.5~~ 8.7	✓
24	−1° 2459	10	46.1	−1	29	6.7	✓
25	−1° 2460	10	46.4	−1	22	5.7	✓
26	−2° 3247	10	47.4	−2	5	8.3	✓
27	−2° 3251	10	48.6	−2	7	8.3	✓

−1° ~~2460 10 46.4 −1~~ 2458 10 46.0 −1 30 9.0 superposed.

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1914phae.proj.2161C

Monday, January 12, 1914

B 22977 short

No.	Int.	Class	Remark
✓ 28	3	A5	
✓ 29	1	K0	
✓ 30	6	F5	
✓ 31	3	A5	
✓ 32	1	F0	
✓ 33	3	K5	
✓ 34	2	K2	
✓ 35	5	A0	
✓ 36	9	F8	
✓ 37	7	K0	
✓ 38	3	F0	
✓ 39	10	ma	Burned out.
✓ 40	2	G5	
✓ 41	7	G5	
✓ 42	1	K5	
✓ 43	3	G5	
✓ 44	8	G5	
✓ 45	2	G0	
✓ 46	7	G5	
✓ 47	2	K5	
✓ 48	3	F2	
✓ 49	3	K0	
✓ 50	2	A2	
✓ 51	10	A0	
✓ 52	2	K2	
✓ 53	5	F0	
✓ 54	1	F8	

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1914phae.proj.2161C

28	−2° 3254	10	49.5	−2	10	8.7	✓
29	−3° 3020	10	48.9	−3	5	8.7	✓
30	−3° 3015	10	46.7	−3	16	8.5	✓
	−3° 3013	10	46.3	−3	32	8.8	
31	~~−4 2977~~	~~10~~	~~49.3~~	~~4~~	~~2~~	~~8.7~~	✓
32	−4° 2977	10	49.3	−4	2	8.7	✓
33	−3° 3024	10	51.5	−3	54	8.0	✓
34	−3° 3028	10	52.2	−3	37	8.3	✓
35	−3° 3027	10	52.2	−3	25	8.7	✓
36	−2° 3264	10	52.6	−2	42	7.3	✓
37	−1° 2465	10	51.4	−1	28	8.2	✓
38	−1° 2467	10	52.4	−1	13	8.5	✓
39	−1° 2471	10	54.4	−1	42	5.2	✓
40	−2° 3267	10	54.4	−2	10	8.9	✓
41	−1° 2473	10	55.6	−1	51	8.2	✓
42	−2° 3278	10	55.9	−2	16	8.5	✓
43	−2° 3272	10	55.6	−2	36	9.0	−2° 3274 10 55.6 −2 36 9.4 super. ✓
44	−2° 3270	10	55.2	−2	44	6.7	✓
45	−3° 3036	10	54.3	−3	2	9.0	✓
46	−3° 3040	10	57.4	−3	26	7.3	✓
47	−4° 3006	10	57.1	−4	36	8.2	✓
48	−2° 3283	10	57.3	−2	12	8.5	✓
49	−1° 2476	10	57.4	−1	44	8.4	✓
50	−1° 2478	10	57.7	−1	2	9.1	✓
51	−0° 2401	10	56.9	−0	30	8.0	✓
52	−0° 2399	10	56.1	−0	42	8.7	✓
53	−0° 2397	10	55.6	−0	49	9.0	✓
54	−0° 2396	10	55.3	−0	47	9.0	✓

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1914phae.proj.216IC

Monday, January 12, 1914

B 22977 short

No.	Int.	Class	Remark
✓ 55	1	F8	
✓ 56	10	Q3	
✓ 57	8	F8	
✓ 58	9	K0	
✓ 59	8	F5	
✓ 60	9	Q2	
✓ 61	3	K2	
✓ 62	9	F5	
✓ 63	4	F2	
✓ 64	7	Q3	
✓ 65	7	F0	
✓ 66	3	Q0	
✓ 67	5	F2	
✓ 68	3	G0	
✓ 69	2	F8	
✓ 70	2	K2	
✓ 71	1	K	
✓ 72	2	F8	
✓ 73	2	K0	
✓ 74	3	F5	
✓ 75	8	K2	
✓ 76	6	Q5	
✓ 77	7	K0	
✓ 78	10	F2	
✓ 79	2	K2	
✓ 80	8	F0	
✓ 81	4	K2	

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1914phae.proj.2161C

55	−1° 2474	10	55.8	−1	7	9.1
56	+0° 2728	10	55.8	+0	2	7.5
57	+0° 2730	10	56.6	+0	15	8.5
58	+0° 2729	10	56.2	+0	18	6.5
59	+0° 2726	10	55.1	+0	12	8.5
60	+0° 2725	10	53.7	+0	50	8.0
61	+0° 2720	10	49.9	+0	37	8.5
62	+0° 2718	10	49.7	+0	28	7.5
63	+0° 2716	10	49.3	+0	26	8.8
64	−0° 2392	10	49.3	−0	23	8.2
65	−0° 2391	10	48.7	−0	51	8.2
66	−0° 2388	10	47.9	−0	38	8.5
67	−0° 2384	10	47.1	−0	15	8.3
68	−0° 2390	10	48.5	−0	15	8.3
69	−0° 2389	10	48.0	−0	3	8.7
70	−0° 2386	10	47.4	−0	9	8.5
71	−0° 2385	10	47.2	−0	9	8.5
72	−0° 2382	10	46.2	−0	33	8.7
73	−0° 2380	10	45.3	−0	26	8.8
74	+0° 2706	10	44.1	+0	16	8.8
75	+0° 2710	10	45.2	+0	35	6.5
76	+0° 2715	10	48.2	+0	54	8.1
77	+1° 2502	10	48.7	+1	12	8.0
78	+1° 2501	10	48.2	+1	30	6.2
79	−0° 2402	10	57.4	−0	10	8.6
80	+0° 2741	10	59.1	+0	40	8.2
81	+0° 2750	11 10	1.2	+0	13	8.1

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1914phae.proj.216ic

Monday, January 12, 1914
B 22977 short

	No.	Int.	Class	Remark
✓	82	5	Ma	
	83	3	K0	
✓	84	4	B5	
✓	85	9	K0	
✓	86	6	K2	
✓	87	3	K2	
✓	88	3	K5	
✓	89	10	A2	
10.17 ✓	90	7	K2	

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1914phae.proj.2161C

82	−0° 2407	II	1.0	−0	3	8.0	✓
83	−0° 2405	II	0.3	−0	9	8.3	✓
84	−1° 2486	II	0.1	−1	24	8.4	✓
85	−1° 2488	II	0.9	−1	7	7.3	✓
86	−1° 2489	II	1.1	−1	17	8.3	✓
87	−1° 2490	II	1.3	−1	56	8.3	✓
88	−1° 2493	II	2.6	−1	2	8.8	✓
89	−0° 2409	II	1.8	−0	33	7.3	✓
90	−0° 2414	II	3.9	−0	36	8.0	✓

Identified on cards by AMC. June 3, 1914

Identified here June 18th 1914 EBW

Identification compared cards + book, by E.R.C.

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1914phae.proj.2161C

10.27 Monday, January 12, 1914

B 19138 short

G.M.T. Rec.	No.	Int.	Class	Remark.
	1	2	K5	
	2	2	F5	
	3	6	K0	
	4	4	K5	
	5	2	G0	
	6	1	K5	
	7	7	F0	
	8	10	A0	
	9	10	A2	
	10	5	A3	
	11	7	K0	
	12	2	A2	Lines very broad
	13	3	K5	
	14	2	F2	
	15	4	K0	
	16	2	G5	Another star suf. on preceding edge. Probably same. Typ.
	17	6	K0	
	18	1	G5	
	19	10	G0	
	20	3	G5	
	21	3	G0	Partly suf. on 20
	22	2	K5	
	23	3	F0	
	24	2	K0	
	25	2	K5	
	26	2	F0	
	27	3	G5	

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1914phae.proj.2161C

1	-5°	3199	10	58.6	-5	45.6	9.0	∧∨
2	-5°	3201	10	59.6	-5	44.9	9.1	∧∨
3	-6°	3310	11	0.2	-6	1.6	8.3	∧∨
4	-5°	3211	11	1.2	-5	37.8	8.8	∧∨
5	-5°	3213	11	1.5	-5	21.4	9.1	∧∨
6	-5°	3215	11	2.3	-5	22.8	9.1	∧∨
7	-5°	3216	11	2.4	-5	1.3	8.3	∧∨
8	-4°	3022	11	3.8	-4	31.9	7.5	∧∨
9	-4°	3024	11	3.9	-4	41.0	7.7	∧∨
10	-4°	3025	11	4.0	-4	3.5	8.5	∧∨
11	-4°	3028	11	5.4	-4	20.2	7.2	∧∨
12	-4°	3027	11	5.2	-4	38.4	9.5	∧∨
13	-4°	3030	11	6.1	-4	39.5	8.2	∧∨
14	-5°	3221	11	3.5	-5	12.9	8.7	∧∨
15	-5°	3222	11	3.6	-5	21.8	8.7	∧∨
16	-5°	3223	11	3.6	-5	32.3	8.9	∧∨
17	-5°	3218	11	3.0	-5	54.2	8.2	∧∨
18	-6°	3314	11	1.8	-6	5.5	9.0	∧∨
19	-6°	3317	11	2.9	-6	36.0	7.0	∧∨
20	-6°	3321	11	4.1	-6	0.0	8.8	∧∨
21	-6°	3323	11	4.2	-6	4.7	9.3	∧∨
22	-6°	3324	11	4.5	-6	36.8	9.0	∧∨
23	-6°	3325	11	4.9	-6	50.7	9.0	∧∨
24	-6°	3326	11	5.5	-6	8.7	8.8	∧∨
25	-6°	3328	11	5.7	-6	28.2	8.9	∧∨
26	-6°	3329	11	5.9	-6	24.9	9.2	∧∨
27	-6°	3331	11	6.6	-6	37.9	9.0	∧∨

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1914phae.proj.216IC

Monday, January 12, 1914

B19138 short

No.	Int.	Class	Remark
28	2	G5	
29	6	Q2	
30	4	G5	
31	4	F8	
32	10+	F0	
33	6	F2	Partly sup. on 32
34	6	F0	
35	7	Q3	
36	5	K2	
37	8	F2	
38	4	F2	
39	5	K2	
40	7	F2	
41	7	F0	
42	4	F5	
43	8	G5	
44	3	G5	
45	6	K0	
46	9	K0	
47	3	F8	
48	5	F5	
49	2	G5	
50	1	G5	
51	6	F5	
52	4	K2	
53	1	K5	E.
54	4	K2	E

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1914phae.proj.2161C

28	-6°	3333	11	7.0	-6	44.6	9.1	∧✓
29	-6°	3335	11	7.9	-6	25.2	8.8	∧✓
30	-6°	3336	11	8.0	-6	13.6	8.9	∧✓
31	-6°	3340	11	9.0	-6	21.0	9.2	∧✓
32	-6°	3344	11	9.6	-6	20.7	6.5	∧✓
33	-6°	3345	11	9.7	-6	20.9	9.2	∧✓
34	-6°	3350	11	11.1	-6	56.2	8.7	∧✓
35	-6°	3355	11	12.0	-6	47.0	8.3	∧✓
36	-6°	3352	11	11.4	-6	7.2	8.4	∧✓
37	-6°	3356	11	12.4	-6	6.3	8.3	∧✓
38	-6°	3359	11	13.7	-6	5.6	8.7	∧✓
39	-7°	3223	11	15.2	-7	16.4	8.2	∧✓
40	-7°	3224	11	15.5	-7	18.2	8.4	∧✓
41	-6°	3370	11	16.5	-6	21.0	8.4	∧✓
42	-5°	3276	11	17.4	-5	58.3	8.8	∧✓
43	-4°	3057	11	14.4	-4	55.4	7.9	∧✓
44	-5°	3254	11	12.0	-5	8.6	9.0	∧✓
45	-5°	3250	11	11.1	-5	6.1	8.3	∧✓
46	-4°	3049	11	10.9	-4	16.0	7.2	∧✓
47	-4°	3045	11	10.2	-4	35.5	9.0	∧✓
48	-4°	3044	11	9.5	-4	21.7	8.7	∧✓
49	-5°	3248	11	10.4	-5	4.2	8.9	∧✓
50	-5°	3247	11	9.7	-5	52.7	9.0	∧✓
51	-5°	3242	11	8.2	-5	21.7	9.1	∧✓
52	-4°	3040	18	8.0	-4	8.6	8.5	∧✓
53	-4°	3001	10	55.6	-4	11.1	8.6	∧✓
54	-4°	~~2944~~ 3006	10	57.1	-4	36.5	8.2	∧✓

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1914phae.proj.216ic

Monday, January 12, 1914

B 19 138 short

No.	Int.	Class	Remark
55	3	G5	
56	5	G0	
57	1	G5	
58	2	G5	
59	1	G0	
60	4	K0	
61	1	K5	
62	1	G5	
63	2	K5	
64	3	G5	
65	2	Mb	
66	1	G0	
67	7	K0	
68	3	K0	
69	6	K0	
70	9	F5	
71	1	K0	
72	2	F8	
73	7	K0	
74	8	F8	
75	3	G5	Another star sup.?
76	10	F2	
77	2	K2	
78	4	A3	
79	3	K2	
80	2	F0	
81	3	F5	

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1914phae.proj.216:C

55	-4°	3011	10	58.3	-4	37.0	8.7	1 ✓
56	-4°	3013	10	58.7	-4	36.1	8.5	1 ✓
57	-4°	3014	10	59.6	-4	48.3	8.8	1 ✓
58	-5°	3203	10	59.8	-5	19.8	9.1	1 ✓
59	-5°	3202	10	59.7	-5	28.8	9.5	1 ✓
60	-7°	3174	11	0.0	-7	49.0	8.5	1 ✓
61	-7°	3175	11	0.1	-7	34.1	9.0	1 ✓
62	-7°	3180	11	1.2	-7	22.3	9.1	1 ✓
63	-8°	3076	10	57.1	-8	13.6	9.0	1 ✓
64	-8°	3078	10	58.0	-8	12.6	9.0	1 ✓
65	-8°	3081	10	58.7	-8	22.4	8.2	1 ✓
66	-8°	3082	10	59.2	-8	29.9	9.2	1 ✓
67	-9°	3207	10	59.9	-9	16.4	8.0	1 ✓
68	-9°	3213	11	0.5	-9	22.2	8.9	1 ✓
69	-9°	3219	11	1.7	-9	29.1	8.6	1 ✓
70	-9°	3221	11	2.2	-9	37.0	8.3	1 ✓
71	-9°	3220	11	1.7	-9	4.6	8.8	1 ✓
72	-8°	3092	11	2.6	-8	44.5	9.0	1 ✓
73	-8°	3095	11	3.3	-8	37.8	8.0	1 ✓
74	-8°	3094	11	3.2	-8	14.1	7.7	1 ✓
75	-8°	3099	11	4.1	-8	34.2	8.7	1 ✓
76	-8°	3101	11	4.9	-8	41.7	7.5	1 ✓
77	-8°	3102	11	5.3	-8	56.3	9.0	1 ✓
78	-8°	3104	11	5.7	-8	33.1	9.1	1 ✓
79	-7°	3188	11	4.2	-7	53.0	8.8	1 ✓
80	-7°	3189	11	4.2	-7	28.6	9.1	1 ✓
81	-7°	3194	11	5.8	-7	25.5	9.0	1 ✓

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1914phae.proj.216IC

Monday. January 12, 1914

B 19138 short

No.	Int.	Class	Remark
82	1	F8	
83	8	Ma	
84	2	F2	
85	4	K0	
86	8	K0	
87	4	G5	
88	2	K0	
89	1	K0	
90	1	K0	
91	1	F8	
92	5	K2	
93	3	G0	
94	2	K2	
95	10+	A2	
96	1	K2	
97	7	K0	
10.43 98	6	F8	
99			
100			
101			
99	1	K5	

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1914phae.proj.2161C

82	-7°	3195	11	5.9	-7	15.9	9.1 1 v
83	-7°	3197	11	6.9	-7	32.4	7.2 1 v
84	-7°	3196	11	6.7	-7	48.2	9.1 1 v
85	-8°	3114	11	7.8	-8	19.2	8.7 1 v
86	-8°	3119	11	8.7	-8	6.4	7.5 1 v
87	-8°	3124	11	10.0	-8	8.7	8.8 1 v
88	-7°	3205	11	9.7	-7	43.3	8.8 1 v
89	-7°	3210	11	11.0	-7	19.3	9.0 1 v
90	-7°	3211	11	12.2	-7	48.5	9.0 1 v
91	-8°	3136	11	12.7	-8	6.0	9.4 1 v
92	-8°	3138	11	12.9	-8	4.2	8.5 1 v
93	-8°	3139	11	12.9	-8	27.3	8.9 1 v
94	-7°	3213	11	13.3	-7	47.3	9.0 1 v
95	-8°	3154	11	15.1	-8	2.8	6.5 1 v
96	-7°	3220	11	14.8	-7	31.1	9.0 1 v
97	-7°	3231	11	17.8	-7	40.3	8.0 1 v
98	-7°	3233	11	18.2	-7	3.2	8.3 1 v

Identified by amc. Feb. 12 1914
Checked Feb. 28. 1914. W. D. W.
Cards made out by G. R. B.
Cards checked by amc.

99	-10°	3223	11	6.4	-10	15	9.0 1

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1914phae.proj.2161C

10.54 Monday, January 12, 1914

R 21155 short

No.	Int.	Class	Remark
✓ 1	4	K2	
✓ 2	5	F5	
✓ 3	6	A2	
✓ 4	3	A2	
✓ 5	3	G0	
✓ 6	4	F5	Partly sup. on 5
✓ 7	3	K0	
✓ 8	4	G5	
✓ 9	10	A3	
✓ 10	1	K0	
✓ 11	10+	F8	
✓ 12	2	G5	
✓ 13	7	G5	
✓ 14	2	K2	
✓ 15	1	Ma	
✓ 16	2	K0	
✓ 17	2	K0	
✓ 18	3	F8	
✓ 19	2	K2	
✓ 20	1	K5	
✓ 21	7	A2	
✓ 22	7	K2	
✓ 23	4	A0	
✓ 24	6	F8	
10.58 ✓ 25	9	F5	
Tuesday Jan. 13, ✓ 26	3	F5	
✓ 27	2	G5	

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1914phae.proj.216ic

1	−9°	3283	11	18.9	−9	5	7.3 ✓
2	−9°	3288	11	19.5	−9	8	7.8 ✓
3	−9°	3287	11	19.4	−9	36	8.7 ✓
4	−9°	3284	11	19.0	−9	57	8.8 ✓
5	−10°	3270	11	20.6	−10	13	9.0 ✓
6	−10°	3271	11	20.6	−10	16	8.8 ✓
7	−10°	3275	11	21.6	−10	15	8.8 ✓
8	−9°	3300	11	22.8	−9	50	8.9 ✓
9	−9°	3298	11	22.3	−9	16	7.0 ✓
10	−10°	3268	11	20.2	−10	50	9.2 ✓
11	−11°	3098	11	19.9	−11	33	6.0 ✓
12	−11°	3099	11	20.1	−11	40	9.0 ✓
13	−11°	3100	11	20.2	−11	38	7.7 ✓
14	−11°	3105	11	21.4	−11	31	8.7 ✓
15	−11°	3107	11	21.6	−11	16	9.5 ✓
16	−10°	3283	11	23.7	−10	0	9.1 ✓
17	−10°	3281	11	23.6	−10	26	9.0 ✓
18	−9°	3308	11	24.5	−9	47	9.1 ✓
19	−10°	3286	11	24.8	−10	34	9.0 ✓
20	−10°	3288	11	25.1	−10	54	9.0 ✓
21	−11°	3123	11	25.5	−11	14	8.2 ✓
22	−11°	3116	11	24.9	−11	35	7.4 ✓
23	−11°	3121	11	25.5	−~~10~~ 11	46	8.8 ✓
24	−12°	3455	11	26.4	−12	4	8.0 ~~9.1~~ ✓
25	−11°	3132	11	28.2	−11	36	7.5 ✓
26	−11°	3135	11	29.3	−11	34	9.0 ✓
27	−11°	3136	11	29.5	−11	33	9.0 ✓

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1914phae.proj.216ic

Tuesday, Jan. 13, 1914

9.55 B 2 115-5 phots

	No.	Dist.	Class	Remark.
v	28	6	K0	
v	29	10+	F8	
v	30	7	K0	
v	31	1	K0	
v	32	1	K0	
v	33	1	G0	Another plate super. at south-
v	34	1	G5	
v	35	3	G5	
v	36	1	K0	
v	37	4	G5	
v	38	2	K5	
v	39	1	K5	
v	40	1	A3	
v	41	7	F5	
v	42	8	K0	
v	43	2	F8	
v	44	1	K2	
v	45	4	G0	
v	46	3	K2	
v	47	5	G5	
v	48	9	A0	
v	49	10+	A	Burned out.
v	50	6	F5	
v	51	6	K0	
v	52	6	K0	
v	53	5	F0	
v	54	2	K0	

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1914phae.proj.216ic

28	−11°	3138	11	30.0	−11	32	7.5	✓
29	−12°	3466	11	31.3	−12	24	5.2	✓
30	−12°	3470	11	32.1	−12	22	7.0	✓
31	−11°	3144	11	31.6	−11	20	9.0	✓
32	−11°	3147	11	32.5	−11	22	9.0	✓
33	−11°	3154	11	33.4	−11	26	9.1	−11° 3153 mfo. 9.5
34	−11°	3155	11	33.6	−11	24	9.1	✓
35	−11°	3157	11	35.1	−11	23	9.0	✓
36	−10°	3325	11	35.1	−10	43	8.5	✓
37	−10°	3311	11	31.3	−10	26	8.4	✓
38	−10°	3309	11	31.1	−10	8	8.0	✓
39	−9°	3329	11	30.3	−9	59	8.7	✓
40	−10°	3308	11	30.7	−10	43	9.4	✓
41	−9°	3325	11	29.1	−9	38	8.2	✓
42	−11°	3129	11	27.6	−11	17	7.3	✓
43	−11°	3128	11	27.4	−11	12	8.9	✓
44	−10°	3296	11	27.9	−10	55	9.1	✓
45	−8°	3188	11	26.0	−8	44	8.8	✓
46	~~−8°~~ −9°	3987	11	25.8	~~−8~~ −9	49	8.9	✓
47	−8°	3197	11	27.9	−8	28	8.3	✓
48	−8°	3201	11	29.3	−8	30	7.0	✓
49	−8°	3202	11	29.3	~~−8~~ −9	0	4.4	✓
50	−9°	3330	11	30.6	−9	2	8.2	✓
51	−8°	3211	11	32.3	−8	40	7.2	✓
52	−9°	3342	11	33.5	−9	7	7.3	✓
53	−9°	3350	11	36.6	−9	49	8.0	✓
54	−9°	3351	11	36.7	−9	58	8.5	✓

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1914phae.proj.2161C

Tuesday Jan. 13, 1914

B 21155 short.

No.	Dist.	Class	Remark
✓ 55	2	b_0	
✓ 56	2	b_0	Another star super ?
✓ 57	4	a_2	
✓ 58	7	a_3	
✓ 59	1	K_2	
✓ 60	3	F_2	
✓ 61	3	b_0	
✓ 62	7	F_2	
✓ 63	3	a_5	
✓ 64	2	b_5	
✓ 65	6	K_0	
✓ 66	2	F_8	
✓ 67	1	b_0	
✓ 68	10	a_0	
✓ 69	4	K_0	
✓ 70	3	a_5	
✓ 71	6	b	E.
✓ 72	10+	a_0	
✓ 73	2	K_2	
✓ 74	1	K_2	
✓ 75	1	K_0	
✓ 76	6	F_8	
✓ 77	4	F_8	
✓ 78	2	F_5	The northern of two.
✓ 79	1	F_5	
✓ 80	1	F_8	
✓ 81	2	K_5	

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1914phae.proj.21610

55	−10°	3331	11	37.2	−10	9	8.8 ✓
56	−10°	3336	11	38.1	−10	40	8.9 ✓ −10° 3335 super. magn. 9.5
57	−10°	3337	11	39.0	−10	52	8.9 ✓
58	−11°	3176	11	38.9	−11	13	8.0 ✓
59	−11°	3178	11	39.7	−11	1	8.8 ✓
60	−10°	3338	11	39.6	−10	9	8.8 ✓
61	−11°	3183	11	41.1	−11	39	8.7 ✓
62	−11°	3184	11	41.7	−11	49	8.2 ✓
63	−12°	3499	11	42.1	−12	0	8.4 ✓
64	−12°	3477	11	35.0	−12	25	8.3 ✓
65	−13°	3430	11	36.2	−13	13	8.0 ✓
66	−13°	3433	11	37.1	−13	19	8.9 ✓
67	−12°	3482	11	37.6	−12	55	9.0 ✓
68	−14°	3388	11	36.2	−14	14	7.0 ✓
69	−14°	3391	11	36.7	−14	39	8.4 ✓
70	−14°	3382	11	34.9	−14	55	8.5 ✓
71	−15°	3349	11	38.3	−15	17	7.7 ✓
72	−13°	3420	11	32.5	−13	40	6.5 ✓
73	−14°	3372	11	31.7	−14	4	8.8 ✓
74	−14°	3375	11	32.0	−14	5	9.1 ✓
75	−14°	3376	11	32.4	−14	1	9.3 ✓
76	−14°	3370	11	31.4	−14	15	8.0 ✓
77	−14°	3371	11	31.7	−14	14	8.5 ✓
78	−14°	3379	11	33.5	−14	34	9.1 ✓
79	−13°	3424	11	34.4	−13	0	9.1 ✓
80	−14°	3383	11	35.0	−14	24	9.0 ✓
81	−15°	3322	11	32.0	−15	1	8.8 ✓

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1914phae.proj.216ic

Tuesday Jan. 13, 1914

B21155 short.

	No.	Exs.	Class	Remark
✓	82	3	F8	
✓	83	3	K0	
✓	84	3	R	
✓	85	2	K2	
✓	86	3	F8	
✓	87	3	F8	
✓	88	4	F5	
✓	89	2	F	
✓	90	2	K0	
✓	91	2	G5	
✓	92	5	K0	
✓	93	1	O0	
✓	94	2	G0	
✓	95	1	K0	
✓	96	2	G5	
✓	97	3	F8	
✓	98	8	F0	
✓	99	3	F2	
✓	100	3	Ma	
✓	101	7	Ma	
✓	102	6	K5	
✓	103	2	F8	
✓	104	1	K2	
✓	105	3	G0	
✓	106	2	G5	
10.13	✓	107	2	G0
		~~108~~		

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1914phae.proj.2161C

82	−13°	3412	11	30.4	−13	52	8.6	✓
83	−13°	3406	11	28.3	−13	40	8.6	✓
84	−13°	3407	11	28.4	−13	47	8.5	✓
85	−13°	3405	11	28.2	−13	53	9.1	✓
86	−14°	3353	11	28.2	−14	20	8.8	✓
87	−14°	3357	11	28.6	−14	30	9.0	✓
88	−14°	3350	11	27.3	−14	46	8.8	✓
89	−14°	3352	11	27.4	−14	1	9.3	✓
90	−13°	3397	11	26.7	−13	51	8.5	✓
91	−13°	3399	11	26.9	−13	13	9.0	✓
92	−13°	3400	11	27.1	−13	1	8.2	✓
93	−13°	3402	11	27.9	−13	15	9.5	✓
94	−13°	3409	11	29.1	−13	6	9.0	✓
95	−13°	3403	11	28.0	−13	1	9.1	✓
96	−12°	3456	11	27.2	−12	22	9.1	✓
97	−12°	3441	11	23.2	−12	30	8.7	✓
98	−12°	3442	11	23.3	−12	15	7.2	✓
99	−13°	3377	11	22.0	−13	0	8.8	✓
100	−12°	3432	11	20.3	−12	18	8.2	✓
101	−12°	3423	11	18.6	−12	57	7.0	✓
102	−13°	3365	11	18.4	−13	44	7.2	✓
103	−14°	3321	11	18.7	−14	9	8.8	✓
104	−14°	3332	11	~~21.9~~ 22.0	−14	19	9.0	✓
105	−13°	3379	11	23.1	−13	39	8.7	✓
106	−14°	3340	11	23.3	−14	18	9.1	✓
107	−14°	3338	11	23.1	−14	32	9.0	✓

Identified on cards by AMC. May 23, 1914
identified in book by J.C.M. May 25, 1914
Identification compared cards + book by C.R.B.

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1914phae.proj.216ic

Tuesday January 13, 1914

10.20 B13419 Short.

No.	Dist.	Class	Remarks.
1	9	g_0	
2	1	K5	
3	5	a_3	
4	5	K0	
5	8	a_5	E.
6	3	Ma.	Strong absorption line at about 4200. Sp. lyst. to H γ + H ε.
7	3	F8	Partly super. on 6
8	1	K0	
9	1	g_0	
10	7.	a_3	
11	1	K0	
12	9	F2	
13	6	K2	
14	3	F0	
15	2.	K5	
16	8	K2	
17	10+	K0	
18	4	a_0	
19	5	a_0	
20	2	g_0	
21	4	F2	
22	8	F5	
23	5	a_0	
24	3	K5	Partly super on 25
25	4	F8	
26	7	g_0	
27	4	F0	

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1914phae.proj.2161C

1	−9°	3366	II	41.0	−9	30.3	6.7	1
2	−9°	3378	II	43.3	−9	8.5	8.5	1
3	−9°	3381	II	44.0	−9	10.1	8.5	1
4	−8°	3247	II	43.3	−8	35.6	7.8	1
5	−8°	3249	II	43.7	−8	28.0	7.5	1
6	−10°	3353	II	43.7	−10	24.1	8.4	1
7	−10°	3354	II	43.7	−10	29.5	9.0	1
8	−10°	3357	II	44.8	−10	30.0	8.8	1
9	−10°	3358	II	44.9	−10	19.2	9.1	1
10	−10°	3363	II	47.3	−10	14.5	8.2	1
11	−10°	3361	II	47.0	−10	32.6	8.9	1
12	−9°	3396	II	49.3	−9	54.7	7.2	1
13	−9°	3400	II	50.4	−9	21.0	8.0	1
14	−9°	3404	II	50.8	−9	33.7	9.0	1
15	−9°	3405	II	51.0	−9	12.7	9.0	1
16	−9°	3408	II	51.7	−9	40.0	6.8	1
17	−9°	3413	II	53.3	−9	37.0	6.4	1
18	−9°	3414	II	53.4	−9	9.2	8.5	1
19	−9°	3416	II	53.8	−9	4.1	8.7	1
20	−9°	3420	II	55.2	−9	54.2	9.0	1
21	−9°	3421	II	55.3	−9	50.2	8.5	1
22	−9°	3422	II	55.6	−9	56.5	8.0	1
23	−11°	3228	II	55.5	−11	0.1	8.6	1
24	−11°	3225	II	55.0	−11	7.1	8.0	1
25	−11°	3226	II	55.1	−11	9.9	8.3	1
26	−11°	3220	II	53.4	−11	21.0	8.0	1
27	−10°	3379	II	51.1	−10	46.1	8.5	1

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1914phae.proj.2161C

Tuesday Jan. 13, 1914

B 1341 9 short.

No.	Dist.	class	Remarks.
28	3	K2	
29	9	F5	
30	3	F5	
31	2	K0	
32	1	K5	
33	10	F0	
34	2	K0	
35	5	K5	
36	9	A0	
37	3	K2	
38	6	K2	
39	3	K2	
40	8	K0	
41	4	A0	
42	7	F5	
43	1	K5	
44	1	K5	
45	2	G5	
46	5	K0	
47	7	A5	
48	4	K0	
49	7	F8	
50	3	A3	
51	3	G0	
52	2	G5	
53	2	G5	
54	2	F8	

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1914phae.proj.2161C

28	−10°	3372	11	50.0	−10	59.8	8.3
29	−11°	3211	11	49.5	−11	18.0	7.2
30	−11°	3207	11	48.9	−11	27.7	8.6
31	−11°	3202	11	47.4	−11	56.5	8.2
32	−11°	3200	11	46.4	−11	45.1	8.4
33	−11°	3190	11	44.0	−11	23.1	6.3
34	−11°	3186	11	43.2	−11	53.9	8.8
35	−12°	3505	11	43.3	−12	3.3	7.2
36	−12°	3508	11	43.7	−12	30.9	7.1
37	−12°	3504	11	42.7	−12	38.0	8.3
38	−12°	3501	11	42.4	−12	50.5	7.2
39	−12°	3507	11	43.7	−12	53.0	8.3
40	−13°	3448	11	41.3	−13	32.0	7.0
41	−14°	3413	11	41.3	−14	11.9	8.6
42	−14°	3408	11	~~39.2~~ 40.5	−14	~~7.9~~ 39.4	8.8 .2
43	−14°	3402	11	39.2	−14	7.9	8.8
44	−15°	3337	11	35.7	−15	35.7	8.4
45	−14°	3415	11	42.3	−14	37.3	8.5
46	−14°	3418	11	43.5	−14	34.8	8.2
47	−13°	3455	11	43.6	−13	56.1	8.2
48	−14°	3424	11	45.4	−14	2.0	8.2
49	−13°	3458	11	45.1	−13	19.5	7.7
50	−13°	3463	11	45.9	−13	47.3	8.6
51	−14°	3429	11	46.4	−14	2.3	8.7
52	−13°	3466	11	46.5	−13	34.4	9.1
53	−13°	3473	11	48.3	−13	49.1	8.6
54	−13°	3474	11	48.7	−13	52.0	9.0

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1914phae.proj.2161C

Tuesday Jan. 13, 1914

~~10.26~~ B13419 shot

	No.	Int.	class	Remarks.
	55	2	K5	
	56	10	F8	
	57	5	A3	
	58	2	A0	
	59	7	F2	
	60	8	F2	
	61	2	F5	
	62	2	F8	
	63	3	K2	
	64	2	K2	
	65	2	F2	
	66	3	K5	
	67	10	F0	
10.26	68	1	K5	

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1914phae.proj.2161C

						a.j.C.	
	3477	II	49.1	-13	53.5	9.0	✓ -13° 3478 9.1
55 -13°	3476	II	49.0	-13	53.4	9.1	superposed
56 -12°	3532	II	49.5	-12	56.7	6.7	✓
57 -13°	3479	II	50.6	-13	18.3	8.5	✓
58 -12°	3538	II	51.1	-12	57.6	8.8	✓
59 -14°	3439	II	51.4	-14	3.5	8.2	✓
60 -14°	3438	II	51.2	-14	18.3	7.5	✓
61 -15°	3402	II	53.3	-15	3.0	8.9	✓
62 -14°	3444	II	53.1	-14	28.3	9.0	✓
63 -13°	3486	II	57.6	-13	43.1	8.0	✓
64 -13°	3485	II	56.4	-13	5.5	8.5	✓
65 -12°	3560	II	57.4	-12	56.4	8.7	✓
66 -12°	3561	II	58.6	-12	30.5	8.0	✓
67 -11°	3238	II	59.4	-11	26.0	6.3	✓
68 -10°	3383	II	52.1	-10	47.9	9.0	✓

Identified by a.m.c. Feb. 6, 1914

Checked March 23. 1914 VDW

Cards made out by G.E.D.

Cards checked by G.R.B.

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1914phae.proj.2161C

Tuesday Jan. 13, 1914

10.36

B40091 short

No.	Int.	Class	Remark.
✓ 1	1	G5	
✓ 2	2	K0	
✓ 3	2	K5	
✓ 4	b	K0	
✓ 5	3	K0	
✓ 6	8	F2	
✓ 7	2	K0	
✓ 8	3	G0	
✓ 9	1	G0	
✓ 10	2	F8	
✓ 11	1	K0	
✓ 12	3	K5	
✓ 13	2	G0	
✓ 14	3	G5	
✓ 15	2	F5	
✓ 16	2	G5	
✓ 17	1	K2	
✓ 18	1	F8	
✓ 19	3	K2	
✓ 20	5	G0	
✓ 21	3	F5	
✓ 22	2	G0	
✓ 23	4	K0	
✓ 24	2	K0	
✓ 25	7	K5	
✓ 26	2	K0	
✓ 27	1	K2	

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1914phae.proj.2161C

1	−20° 3572	11	57.7	−20	16	9.3
2	−20° 3573	11	58.0	−20	10	9.2
3	−19° 3405	11	58.6	−19	58	9.1
4	−19° 3408	11	59.2	−19	56	8.6
5	−18° 3406	11	58.7	−19	29	9.0
6	−18° 3407	11	58.8	−19	14	8.3
7	−19° 3404	11	58.0	−19	12	9.4
8	−18° 3324	11	59.6	−18	43	8.9
9	−18° 3327	12	0.4	−18	27	9.4
10	−18° 3330	12	0.9	−18	30	9.5
11	−18° 3329	12	0.9	−18	14	9.5
12	−18° 3331	12	1.0	−18	16	8.8
13	−18° 3332	12	1.3	−18	24	9.3
14	−18° 3328	12	0.7	−18	60	9.0
15	−19° 3412	12	0.4	−19	26	9.4
16	−19° 3409	11	59.5	−19	40	9.4
17	−19° 3410	11	59.7	−19	46	9.5
18	−19° 3414	12	1.3	−19	16	9.7
19	−19° 3415	12	1.5	−19	8	9.0
20	−19° 3417	12	2.3	−19	41	8.8
21	−19° 3419	12	2.4	−19	1	9.0
22	−19° 3418	12	2.4	−19	14	9.2
23	−19° 3421	12	2.7	−19	22	8.5
24	−19° 3422	12	2.8	−19	29	9.2
25	−18° 3337	12	2.8	−18	58	7.7
26	−19° 3423	12	3.8	−19	13	9.2
27	−18° 3343	12	4.0	−18	56	9.4

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1914phae.proj.2161C

Tuesday Jan. 13, 1914

B4009, short

No.	Qut.	class	Remarks
✓ 28	9	F8	
✓ 29	4	G0	
✓ 30	7	G5	
✓ 31	4	K0	
✓ 32	5	G5	
✓ 33	4	G0	
✓ 34	1	K5	
✓ 35	2	F8	
✓ 36	1	F5	
✓ 37	3	Mb	
✓ 38	1	G0	
✓ 39	8	F2	
✓ 40	2	G0	
✓ 41	6	G0	
✓ 42	5	G5	
✓ 43	6	K0	
✓ 44	10	K0	
✓ 45	1	G0	
✓ 46	8	K0	
✓ 47	2	K0	
✓ 48	5	K2	
✓ 49	2	G5	
✓ 50	3	K0	
✓ 51	4	A5	
✓ 52	1	G	
✓ 53	2	G5	
10.43 ✓ 54	5	G5	

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1914phae.proj.21616

28	-19°	3424	12	4.4	-19	7	7.2
29	-19°	3425	12	4.8	-19	11	9.1
30	-19°	3426	12	4.9	-19	4	7.7
31	-19°	3429	12	5.2	-19	1	8.7
32	-19°	3428	12	5.1	-19	18 ~~19~~	8.9
33	-19°	3431	12	5.3	-19	15	9.1
34	-19°	3430	12	5.3	-19	31	9.8
35	-19°	3432	12	5.5	-19	33	9.5
36	-19°	3433	12	5.7	-19	35	9.5
37	-19°	3434	12	5.7	-19	26	8.7
38	-19°	3435	12	5.7	-19	30	9.6
39	-19°	3437	12	6.3	-19	31	7.5
40	-19°	3438	12	6.3	-19	16	9.3
41	-19°	3441 ~~3438~~	12	7.0 ~~6.3~~	-19	18 ~~16~~	8.7 ~~9.3~~
42	-20°	3398	12	6.1	-20	7	8.0
43	-20°	3399	12	6.1	-20	16	8.0
44	-20°	3405	12	7.5	-20	2	6.1
45	-19°	3442	12	7.5	-19	37	9.7
46	-19°	3445	12	8.1	-19	43	7.2
47	-19°	3446	12	8.4	-19	18	9.1
48	-18°	3351	12	6.8	-18	21	8.0
49	-18°	3353	12	7.7	-18	28	9.2
50	-18°	3354	12	7.8	-18	35	8.8
51	-18°	3355	12	8.3	-18	4	8.5
52	-17°	3580	12	7.4	-17	54	9.1
53	-17°	3583	12	8.0	-17	49	9.0
54	-17°	3584	12	8.2	-17	44	8.4

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1914phae.proj.216ic

10.00 Wednesday, January 14, 1914

B 40091 short

	No.	Int.	Class	Remarks
✓	55	2	K0	
✓	56	3	F5	
✓	57	1	K5	
✓	58	5	F2	
✓	59	3	K2	
✓	60	1	G5	
✓	61	3	F8	
✓	62	1	K2	
✓	63	1	K2	
✓	64	10	Q2	
✓	65	2	K2	
✓	66	3	F5	
✓	67	2	K0	
✓	68	3	K0	
✓	69	7	K0	
✓	70	2	K2	
✓	71	1	K0	
✓	72	4	K0	
✓	73	1	K0	
✓	74	1	K0	
✓	75	1	G5	
✓	76	3	G0	
✓	77	4	F8	
✓	78	1	K0	
✓	79	2	F8	
✓	80	1	K0	
✓	81	6	F5	

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1914phao.proj.21613

55	−18° 3357	12	8.5	−18	33	9.1	✓
56	−18° 3360	12	9.8	−18	31	8.9	−18° 3359 12 9.8 −18 30 10 superposed ✓
57	−18° 3362	12	10.6	−18	6	9.0	✓
58	−17° 3596	12	10.8	−17	54	8.3	✓
59	−17° 3592	12	10.0	−17	27	8.7	✓
60	−17° 3593	12	10.2	−17	10	9.5	✓
61	−16° 3429	12	9.2	−16	32	9.4	✓
62	−16° 3427	12	9.1	−16	16	9.3	✓
63	−16° 3426	12	9.0	−16	4	9.7	✓
64	−15° 3442	12	9.6	−15	53	6.7	✓
65	−15° 3444	12	10.2	−15	52	9.0	✓
66	−16° 3430	12	10.0	−16	22	9.1	✓
67	−16° 3432	12	10.3	−16	33	9.0	✓
68	−16° 3433	12	10.4	−16	18	9.0	✓
69	−16° 3434	12	10.4	−16	9	7.9	✓
70	−16° 3435	12	10.5	−16	2	9.2	✓
71	−16° 3436	12	10.6	−16	7	9.7	a star (not in Bu. Cat.) about 1m 2s south superposed ✓
72	−16° 3439	12	11.2	−16	1	8.5	✓
73	−16° 3440	12	11.9	−16	11	9.5	✓
74	−16° 3438	12	11.2	−16	51	9.4	✓
75	−17° 3598	12	11.7	−17	17	9.5	✓
76	−16° 3442	12	13.2	−16	40	9.1	✓
77	−16° 3443	12	13.6	−16	4	9.0	✓
78	−16° 3444	12	13.7	−16	19	9.6	✓
79	−16° 3445	12	14.4	−16	20	9.3	✓
80	−17° 3606	12	14.7	−17	4	9.2	✓
81	−17° 3602	12	14.4	−17	36	7.8	✓

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1914phae.proj.216IC

Wednesday, January 14, 1914

B 40091 short

No.	Int.	Class	Remark
✓ 82	1	K0	
✓ 83	1	F8	
✓ 84	7	Md	HV, H δ; H ε, bright.
✓ 85	4	Mb	
✓ 86	5	K0	
✓ 87	3	F5	
✓ 88	4	K0	
✓ 89	1	A2	The preceding of two
✓ 90	6	A3	
✓ 91	4	K0	
✓ 92	1	A5	Partly sup on 91
✓ 93	1	K0	
✓ 94	3	F8	
✓ 95	3	G0	
✓ 96	2	G5	
✓ 97	2	G5	
✓ 98	1	K5	
✓ 99	1	K2	
✓ 100	3	F2	
✓ 101	1	K2	
✓ 102	2	K0	
✓ 103	6	K0	
✓ 104	9	G0	
✓ 105	6	Ma	
✓ 106	5	K2	
✓ 107	2	F8	E.
✓ 108	2	K0	

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1914phae.proj.2161c

82	−18°	3365	12	12.0	−18	7	9.0
83	−18°	3364	12	11.2	−18	28	9.4
84	−18°	3367	12	12.1	−18	27	Var.
85	−18°	3368	12	12.2	−18	24	7.8
86	−18°	3369	12	12.4	−18	28	8.3
87	−19°	3459	12	12.3	−19	8	9.0
88	−19°	3458	12	12.2	−19	33	8.9
89	−19°	3460	12	12.6	−19	26	9.5
90	−19°	3464	12	13.2	−19	25	8.5
91	−19°	3466	12	13.3	−19	5	8.5
92	−19°	3465	12	13.3	−19	2	9.1
93	−19°	3467	12	13.5	−19	21	9.5
94	−19°	3470	12	13.9	−19	36	9.0
95	−19°	3463	12	13.2	−19	49	9.1
96	−19°	3469	12	13.7	−19	54	9.1
97	−19°	3456	12	11.0	−19	21	9.7
98	−20°	3610	12	8.8	−20	5	9.2
99	−20°	3611	12	8.8	−20	18	9.5
100	−20°	3613	12	9.4	−20	12	9.3
101	−20°	3614	12	9.6	−20	3	9.4
102	−20°	3615	12	9.9	−20	15	9.0
103	−20°	3617	12	10.4	−20	41	8.6
104	−20°	3618	12	10.8	−20	2	7.5
105	−20°	3619	12	10.9	−20	0	8.0
106	−20°	3621	12	11.4	−20	43	8.2
107	−20°	3579	12	0.0	−20	48	9.2
108	−20°	3580	12	0.9	−20	15	9.1

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1914phae.proj.216ic

Wednesday, January 14, 1914

B40091 short

No.	Int.	Class	Remark
109	1	g_5	
110	1	f_8	
111	2	f_2	
112	5	g_5	
113	2	g_5	
114	2	g_5	
115	2	K_0	
116	3	f_5	
117	3	K_0	
118	1	K_5	
119	5	K_5	
120	3	g_0	
121	3	a_2	
122	4	g_0	
123	3	a_2	
124	7	K_2	E.
125	3	K_2	Partly sup. on 124
126	3	K_2	
127	4	K_2	
128	5	f_8	
129	1	K_5	
130	1	K_5	
131	2	a_3	
132	1	K_0	
133	1	K_0	
134	1	K_0	
135	4	g_5	

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1914phae.proj.2161C

109	-19°	3416	12	1.9	-19	48	9.5	✓
110	-19°	3420	12	2.5	-19	48	9.5	✓
111	~~-19°~~ -20°	3586	12	3.4	~~-19~~ -20	14	9.4	✓
112	~~-19~~ -20	3587	12	3.5	-20	6	8.9	✓
113	-20°	3588	12	3.6	-20	1	9.3	✓
114	-20°	3590	12	4.1	-20	21	9.2	✓
115	-20°	3589	12	3.9	-20	50	9.3	✓
116	-20°	3592	12	5.2	-20	31	9.4	✓
117	-20°	3595	12	5.8	-20	37	9.1	✓
118	-20°	3596	12	5.9	-20	44	9.1	✓
119	-20°	3600	12	6.1	-20	50	8.5	✓
120	-20°	3602	12	6.4	-20	45	9.1	✓
121	-20°	3603	12	7.0	-20	35	9.5	✓
122	-20°	3605	12	7.4	-20	43	8.9	✓
123	-20°	3608	12	8.2	-20	36	9.1	✓
124	-21°	3497	12	8.3	-21	15	8.0	✓
125	-21°	3498	12	8.3	-21	8	9.1	✓
126	-21°	3500	12	8.5	-21	1	9.1	✓
127	-21°	3504	12	10.2	-21	9	8.3	✓
128	-20°	3624	12	12.4	-20	41	8.0	✓
129	-20°	3627	12	13.0	-20	2	9.2	✓
130	-17°	3541	11	55.2	-17	37	9.2	✓
131	-17°	3543	11	55.4	-17	58	9.5	✓
132	-18°	3310	11	56.7	-18	20	9.4	✓
133	-18°	3311	11	57.0	-18	22	9.5	✓
134	-17°	3547	11	57.4	-17	45	9.3	✓
135	-17°	3546	11	57.3	-17	2	8.5	✓

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1914phae.proj.2161C

Wednesday, January 14, 1914

B 4009, short

No.	Int.	Class	Remark
✓ 136	2	F8	
✓ 137	3	K0	
✓ 138	1	K5	Another star sup. at south
✓ 139	8	K0	
✓ 140	1	K0	
✓ 141	1	K5	
✓ 142	1	G0	
✓ 143	4	F8	
✓ 144	1	K5	
✓ 145	7	F2	
✓ 146	8	F2	
✓ 147	1	F5	
✓ 148	3	K2	
✓ 149	6	A0	
✓ 150	1	Ma	Partly sup. on 151.
✓ 151	10	F5	
✓ 152	2	G5	
✓ 153	1	G5	
✓ 154	1	G0	
✓ 155	21	A2	The following of two.
✓ 156	1	F8	
✓ 157	2	F0	
✓ 158	6	K0	
✓ 159	2	K2	
✓ 160	1	K2	
✓ 161	2	G5	
✓ 162	2	F8	

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1914phae.proj.21610

136	−16° 3389	11	58.7	−16	43	9.1	✓
	~~−17° 3553~~	11	59.3	−17	10	8.5	
137	~~−16 3391~~	11	59.6	−16	21	9.2	✓
138	−17° 3554	11	59.8	−17	6	9.1	✓ −17° 3556 11 59.8 −17 10 9.3
139	−17° 3557	12	0.0	−17	23	6.9	✓
140	−17° 3558	12	0.2	−17	23	9.3	✓
141	−18° 3319	11	58.4	−18	3	9.4	✓
142	−17° 3549	11	58.4	−17	50	9.6	✓
	−18° 3321	11	58.8	−18	5	9.1	
143	~~−17 3552~~	11	58.9	−17	57	9.5	✓
144	−17° 3552	11	58.9	−17	57	9.5	✓
145	−17° 3559	12	0.9	−17	46	7.8	✓
146	−17° 3562	12	1.3	−17	37	7.2	✓
147	−17° 3563	12	1.8	−17	55	9.4	✓
148	−17° 3564	12	1.8	−17	13	9.0	✓
149	−16° 3399	12	2.1	−16	46	9.1	✓ −16° 3400 ~~3399~~ 12 2.2 −16 46 9.4 sub/pair
150	−16° 3402	12	2.6	−16	48	9.2	✓
151	−16° 3403	12	2.6	−16	44	7.0	✓
152	−16° 3409	12	3.6	−16	48	9.2	✓
153	−18° 3334	12	2.0	−18	7	9.5	✓
154	−18° 3336	12	2.6	−18	31	9.5	✓
155	−18° 3340	12	3.0	−18	43	9.4	✓ The foll. 13 stars, others rej. −18° 3338 12 2.9 −18 48 9.7 sympair and another star so close to the star classified that it may have same identification.
156	−18° 3345	12	4.1	−18	17	9.5	✓
157	−17° 3568	12	4.0	−17	49	9.1	✓
158	−17° 3569	12	4.4	−17	59	8.3	✓
159	−17° 3571	12	4.7	−17	36	9.0	✓
160	−17° 3575	12	5.6	−17	34	9.3	✓
161	−17° 3577	12	5.9	−17	33	9.1	✓
162	−17° 3576	12	5.8	−17	51	9.4	✓

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1914phae.proj.2161C

Wednesday, January 14, 1914

B 40091 short

No.	Int.	Class	Remark
v 163	1	Q5	
v 164	1	G0	
v 165	3	K5	
v 166	1	K2	
v 167	1	K0	
v 168	1	G5	
v 169	2	K5	
v 170	2	G0	
v 171	4	K0	
v 172	2	G0	
v 173	1	K2	
v 174	1	K0	
v 175	3	K0	
v 176	3	K2	
v 177	2	G5	
v 178	4	K2	
v 179	3	G5	
v 180	2	G0	
v 181	4	Ma	
v 182	2	G0	
v 183	2	F0	
v 184	5	F0	
v 185	6	K2	
v 186	3	Q5	
v 187	2	G5	
v 188	6	G0	
v 189	8	Q0	

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1914phae.proj.21610

163	−18° 3349	12	5.6	−18	25	9.6	✓
164	Approx. pos. 1855	12	5.6	−18	37 ~~38~~		✓
165	−16° 3418	12	6.6	−16	57	8.5	✓
166	−16° 3421	12	6.9	−16	45	9.7	✓
167	−16° 3429	12	7.5	−16	43	9.4	✓
168	−17° 3585	12	8.5	−17	30	9.3	✓
169	−16° 3379	11	55.3	−16	52	8.8	✓
170	−16° 3378	11	55.3	−16	15	9.3	✓
171	−16° 3380	11	55.9	−16	28	8.5	✓
172	−16° 3383	11	56.1	−16	40	9.2	✓
173	−16° 3382	11	56.1	−16	25	9.1	✓
174	−16° 3385	11	56.6	−16	46	9.4	✓
175	−15° 3409	11	57.3	−15	54	8.8	✓
176	−15° 3415	11	58.3	−15	43	8.7	✓
177	−16° 3391	11	59.6	−16	27	9.2	✓
178	−16° 3394	12	0.6	−16	42	8.8	✓
179	−16° 3393	12	0.5	−16	7	9.0	✓
180	−16° 3395	12	1.1	−16	25	9.2	✓
181	−16° 3396	12	1.4	−16	21	8.5	✓
182	−16° 3397	12	1.4	−16	9	9.4	✓
183	−16° 3398	12	1.8	−16	28	9.6	✓
184	−16° 3401	12	2.4	−16	16	8.5	✓
185	−15° 3425	12 #	2.6	−15	42	8.8	✓
186	−15° 3426	12	3.0	−15	34	9.2	✓
187	−15° 3427	12	3.1	−15	49	9.0	✓
188	−16° 3407	12	3.2	−16	9	8.5	✓
189	−16° 3405	12	3.0	−16	24	8.2	✓

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1914phae.proj.2161C

Wednesday, January 14, 1914

B340091 short

	No	Int.	Class	Remark
J	190	10	G_5	
✓	191	1	K_2	
✓	192	3	F_8	
✓	193	7	A_2	
✓	194	4	K_2	
✓	195	2	F_8	
✓	196	1	K_0	
✓	197	3	G_0	
✓	198	2	K_5	
✓	199	6	K_0	
10.25	✓ 200	4	K_2	
	20			
	222			
	201	3	A_5	

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1914phae.proj.21610

190	-15°	3429	12	3.9	-15	59	7.3						✓
191	-16°	3410	12	4.2	-16	22	9.3						✓
192	-16°	3412	12	4.7	-16	38	9.1						✓
193	-16°	3413	12	4.9	-16	21	8.5						✓
194	-16°	3415	12	5.5	-16	20	8.3						✓
	-16°	3416	12	5.6	-16	39	9.4						
195	~~-16°~~	~~3413~~	~~12~~	~~4.9~~	~~-16~~	~~21~~	~~8.5~~						✓
196	-16°	3419	12	6.7	-16	26	9.3						✓
197	-15°	3433	12	5.6	-15	48	9.0						✓
198	-15°	3432	12	5.5	-15	26	9.2						✓
199	-15°	3435	12	6.4	-15	10	9.0	-15°	3431	12	6.41	-15	7 9.4 superposed ✓
200	-15°	3436	12	7.0	-15	17	8.3						✓

Identified on cards by Ame. Sept. 16, 1914

Identified here. Sept. 30. 1914 GDW.

Identification compared by G.R.B. Oct. 17, 1914

✓ 201	-13	3491	12	1.8	-13	3	8.8	18m B4046

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1914phae.proj.216iC

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1914phae.proj.216ic

10.26 Wednesday, January 14, 1914

13 40286 short

No.	Int.	Class	Remark
1	2	g_0	E.
2	2	g_5	
3	3	K_5	
4	3	K_5	The preceding of two
5	5	f_5	
6	4	K_2	
7	4	g_0	
8	2	K_5	
9	4	K_2	
10	7	f_5	
11	2	K_0	
12	2	K_0	
13	1	K_0	
14	2	K_0	
15	3	K_0	
16	1	K_2	
17	2	K_2	
18	2	K_2	
19	4	g_0	
20	1	K_0	
21	2	Q_2	
22	2	g_0	
23	2	Q_5	
24	3	g_5	
25	2	Q_2	
26	2	f_8	
27	2	g_0	

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1914phae..proj.2161C

1	-24° 10057	11	53.8	-24	34	8.9	✓
2	-23° 10350	11	57.11	-23	43	9.0	✓
3	-24° 10133	11	58.3	-24	12	8.5	✓
4	-24° 10143	11	58.8	-24	10	8.6	✓ -24° 10145 11 59.9 -24 11 9.1 superposed
5	-25° 9031	11	59.6	-25	5	8.9	✓
6	-24° 10148	12	0.0	-24	50	8.6	✓
7	-24° 10167	12	1.4	-24	39	8.7	✓
8	-24° 10175	12	2.0	-24	52	8.6	✓
9	25° 9035 ~~-24° 10148~~	11 ~~12~~	59.9 ~~0.0~~	-25 ~~-24~~	42 ~~50~~	8.4 ~~8.6~~	✓
10	-25° 9053	12	1.6	-25	31	8.3	✓
11	-23° 10379	12	0.7	-23	20	8.7	✓
12	-22° 3288	11	59.4	-22	40	9.1	✓
13	-22° 3287	11	59.3	-22	14	9.1	✓
14	-23° 10308	11	54.0	-23	9	8.8	✓
	3282	11	53.7	-22	32	9.0	
15	~~-22° 3264~~	~~11~~	~~53.9~~	~~-22~~	~~18~~	~~8.9~~	✓
16	-23° 10325	11	54.9	-23	14	9.1	✓
17	DM -22° 3267 CPM -23° 10334	11	54.8	-22	58	9.1 = 1855 pos.	✓
		11	55.9	-23	8	8.8 = 1875 pos.	
18	-21° 3446	11	54.3	-21	47	8.8	✓
19	-21° 3446	11	54.2	-21	38	8.8	✓
20	-21° 3462	11	55.7	-21	6	9.0	✓ equals C.P.D -21° 5176 11 56.8 -21 13 9.4 and C.P.D -21° 5175 11 56.7 -21 13 10.0 is superposed star superposed is not in Dun catalogue
21	-22° 3273	11	56.9	-22	6	9.2	✓
22	-22° 8276	11	57.2	-22	17	9.3	✓
23	-21° 3467	11	57.7	-21	47	9.4	✓
24	-21° 3469	11	58.1	-21	38	9.0	✓
25	-22° 3280	11	57.7	-22	49	9.6	✓
26	-22° 3281	11	58.0	-22	42	9.1	✓
27	-21° 3477	12	0.5	-21	59	9.0	✓

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1914phae.proj.216ic

Wednesday, January 14, 1914

J

B 40286 short

No.	Int.	Class	Remark
v 28	2	K5	
v 29	2	G0	
v 30	3	G5	
v 31	2	F0	
v 32	1	G0	
v 33	1	F0	
v 34	1	K0	
v 35	2	K0	
v 36	1	K0	
v 37	1	K0	
v 38	3	K2	
✓ 39	1	F8	
v 40	3	Q3	
✓ 41	1	K2	
✓ 42	2	G0	
v 43	1	K5	
v 44	2	G5	
v 45	6	Q3	
v 46	1	K0	
✓ 47	8	B9	
v 48	2	K2	
v 49	2	Q2	
v 50	2	Q2	
v 51	5	F5	
v 52	1	K5	
✓ 53	4	K2	
10.45 ✓ 54	9	G5	

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1914phae.proj.2161C

28	−21°	3480	12	0.8	−21	46	9.0						✓
29	−22°	3294 ~~3304~~	12	1.6	−22	4	9.1						✓
30	−22°	3293	12	1.4	−22	50	9.0						✓
31	−22°	3302	12	2.5	−22	40	9.2						✓
32	−20°	3581	12	1.1	−20	53	9.4						✓
33	−21°	3479	12	0.8	−21	16	9.4						✓
34	−23°	10403	12	3.7	−23	44	9.0	−23°	10402	12	3.7	−23	41 9.7 superposed ✓
35	−23°	10425	12	6.5	−23	48	9.3						✓
36	−23	10431	12	7.3	−23	33	8.9						✓
37	−21°	3494	12	7.3	−21	35	9.1						✓
38	−21°	3501	12	8.5	−21	42	8.5						✓
39	−22°	3324	12	8.7	−22	2	9.3						✓
40	−22°	3330	12	10.0	−22	42	9.3						✓
41	−22°	3323	12	10.9	−22	9	9.1						✓
42	−22°	3326	12	11.1	−22	12	9.3						✓
43	−22°	3337	12	11.5	−22	5	9.0						✓
44	−22°	3342	12	11.9	−22	19	9.1						✓
45	−22°	3344	12	12.2	−22	38	8.8						✓
46	Dm. −22°	3338	12	11.6	−22	53	8.9 = 1855 pos.						
	Dm −23	10483	12	12.6	−23	1	9.0 = 1875 pos.						✓
47	−23°	10471	12	11.5	−23	19	7.0						✓
48	−23°	10477	12	12.1	−23	26	8.7						✓
49	−23°	10488	12	13.0	−23	18	9.2						✓
50	−22°	3350	12	13.4	−22	57	9.4						✓
51	−22°	3357	12	13.7	−22	52	8.6						✓
52	−21°	3505	12	11.0	−21	33	8.8						✓
53	−21°	3508	12	12.4	−21	23	8.7						✓
54	−21°	3511	12	12.7	−21	22	6.5						✓

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1914phae.proj.216ic

9.36 Thursday, January 15, 1914

B40286 short

No.	Int.	Class	Remark
✓ 55	10+	B9	
✓ 56	2	K2	
✓ 57	1	K0	
✓ 58	4	K2	
✓ 59	2	K0	
✓ 60	3	A3	
✓ 61	7	K0	
✓ 62	4	F0	
✓ 63	7	K0	
✓ 64	9	K0	
✓ 65	2	G0	
✓ 66	5	F5	
✓ 67	6	A3	
✓ 68	4	A3	
✓ 69	3	K0	
✓ 70	4	F5	
✓ 71	2	A2	
✓ 72	4	G5	
✓ 73	2	K0	
✓ 74	7	K0	
✓ 75	6	F5	Another star up at south.
✓ 76	5	G0	
✓ 77	1	K2	
✓ 78	3	K0	
✓ 79	2	K2	
✓ 80	1	K2	
✓ 81	3	K0	

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1914phae.proj.216ic

55	−21° 3514	12	13.1	−21	24	5.0	✓
56	−21° 3518	12	13.3	−21	31	8.6	✓
57	−21° 3522	12	14.0	−21	38	8.7	✓
58	−22° 3353	12	14.2	−22	5	7.7	✓
59	−22° 3361	12	15.2	−22	27	8.5	✓
60	−23° 10505	12	15.0	−23	32	9.2	✓
61	−23° 10576	12	15.9	−23	33	7.5	✓
62	−23° 10510	12	15.6	−23	60	8.7	✓
63	−24° 10312	12	16.5	−24	11	7.4	✓
64	−24° 10314	12	16.9	−24	9	6.0	✓
65	−24° 10313	12	16.7	−24	35	8.5	✓
66	−24° 10324	12	17.9	−24	31	8.0	✓
67	−24° 10322	12	17.8	−24	52	8.2	✓
68	−25° 9201	12	16.3	−25	1	8.8	✓
69	−25° 9193	12	15.5	−25	12	8.2	✓
70	−24° 10281	12	13.6	−24	52	8.4	✓
71	−24° 10272	12	12.6	−24	59	9.2	✓
72	−25° 9167	12	13.0	−25	24	8.2	✓
73	−25° 9163	12	12.4	−25	32	8.5	✓
74	−25° 9140	12	10.4	−25	54	7.4	✓
75	−25° 9131	12	9.5	−25	52	8.3	✓
76	−25° 9117	12	8.2	−25	32	8.6	✓
77	−25° 9116	12	8.1	−25	9	8.9	✓
78	−25° 9121	12	8.8	−25	10	8.7	✓
79	−25° 9125	12	9.3	−25	30	8.7	✓
80	−25° 9132	12	9.8	−25	31	8.7	✓
81	−25° 9143	12	10.6	−25	17	8.4	✓

−25° 9132 12 96 −25 54 8.9 superposed.

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1914phae.proj.216IC

Thursday, January 15, 1914

B 40286. short

No.	Int.	Class	Remark
✓ 82	1	K2	
✓ 83	1	K5	
✓ 84	1	G0	
✓ 85	1	G5	
✓ 86	1	G5	
✓ 87	1	K5	
✓ 88	1	F0	
✓ 89	1	K2	
✓ 90	2	G0	
✓ 91	5	F0	
✓ 92	1	G0	
✓ 93	3	K2	
✓ 94	6	G5	
✓ 95	3	F8	
✓ 96	7	F0	
✓ 97	1	K2	
✓ 98	4	K0	
✓ 99	3	K0	
✓ 100	6	K0	
✓ 101	10+	K	
✓ 102	2	K5	
✓ 103	5	Ma	
✓ 104	7	F5	
✓ 105	1	K5	
✓ 106	2	K2	
✓ 107	1	K0	
✓ 108	1	F	

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1914phae.proj.21610

82	−25°	9145	12	10.6	−25	2	9.0
83	−24°	10253	12	10.2	−24	35	8.5
84	−24°	10268	12	11.9	−24	22	8.6
85	−23°	10498	12	14.0	−23	56	9.0
86	−24°	10277	12	13.1	−24	39	9.1
87	−24°	10303	12	15.9	−24	30	8.7
88	−24°	10307	12	16.1	−24	24	9.5
89	−23°	10517	12	16.2	−23	24	9.5
90	−23°	10521	12	16.5	−23	32	9.2
91	−23°	10527	12	17.6	−23	33	8.7
92	−23°	10528	12	17.7	−23	50	9.3
93	−23°	10534	12	18.8	−23	42	8.5
94	−23°	10545	12	19.8	−23	33	8.0
95	−21°	3530	12	16.0	−21	58	8.8
96	−21°	3531	12	16.6	−21	16	8.5
97	−22°	3365	12	16.7	−22	2	8.8
98	−22°	3371	12	18.1	−22	1	8.3
99	−20°	3642	12	17.5	−20	52	8.8
100	−20°	3649	12	20.0	−20	26	7.8
101	−21°	3487	12	2.7	−21	29	2½
102	−26°	9002	12	3.9	−26	14	8.5
103	−26°	9015	12	5.1	−26	23	7.9
104	−26°	9034	12	7.2	−26	38	8.0
105	−26°	9040	12	7.8	−26	39	9.3
106	−26°	9048	12	8.8	−26	21	9.0
107	−26°	9052	12	9.0	−26	29	9.3
108	−26°	9055	12	9.2	−26	27	9.6

−C.P.D −23° 5487 12 16.6 −23 31 9.6 (not in the C.D.M. Cat.) superposed

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1914phae.proj.2161C

Thursday, January 15, 1914

B 40286 short

	No.	Int.	Class	Remark
	✓ 109	2	G_5	
	✓ 110	8	G_0	
	✓ 111	5	F_0	
	✓ 112	5	F_2	
	✓ 113	5	F_0	
	✓ 114	2	F_8	
	✓ 115	7	K_0	
	✓ 116	1	K_5	
	✓ 117	5	K_2	
9.50	✓ 118	5	F_5	
	~~H9~~			
Friday, Sept. 15, 1914 12:05	✓ 119	2	K_2	
	✓ 120	2	K_0	
	✓ 121	2	F_5	
	✓ 122	1	G_5	
	✓ 123	3	G_5	
	✓ 124	1	K_0	
	✓ 125	1	G_0	
	✓ 126	1	K_0	
	✓ 127	1	G_5	
	✓ 128	1	K_0	
	✓ 129	5	F_5	
	✓ 130	4	G_5	
	✓ 131	2	K_5	
	✓ 132	2	G_0	
	✓ 133	1	K_2	Another star sup. s.p.
	✓ 134	3	K_2	

cont. p. 215

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1914phae.proj.21610

109	−26° 9058	12	9.5	−26	17	9.2								✓
110	−26° 9061	12	9.8	−26	24	8.2								✓
111	−26° 9051	12	9.0	−26	56	8.5								✓
112	−26° 9060	12	9.8	−26	45	8.0								✓
113	−26° 9069	12	10.6	−26	27	8.5								✓
114	−25° 9159	12	12.1	−25	53	9.0	−25° 9160	12	12.1	−25	51	9.4	Superposed	✓
115	−26° 9090	12	13.4	−26	2	7.0								✓
116	−25° 9181	12	14.4	−25	56	8.8								✓
117	−26° 9098	12	14.8	−26	2	7.6								✓
118	−26° 9100	12	15.2	−26	25 35	8.0								✓

Identified on cards by Anc. Sept. 17, 1914

119	−23° 10529	12	18.3	−23	9	8.6								✓
120	−22° 3367	12	17.1	−22	53	9.0								✓
121	−21° 3528	12	15.0	−21	39	9.3								✓
122	−21° 3529	12	15.3	−21	20	9.3								✓
123	−21° 3525	12	14.3	−21	16	9.2								✓
124	−21° 3526	12	14.3	−21	23	9.5								✓
125	−21° 3524	12	14.1	−21	32	9.4								✓
126	−21° 3519	12	13.4	−21	4	9.4								✓
127	−20° 3629	12	14.0	−20	48	9.4								✓
128	−20° 3639	12	16.6	−20	31	9.0								✓
129	−20° 3634	12	15.4	−20	13	8.9								✓
130	−19° 3484	12	17.2	−19	60	8.6								✓
131	−20° 3643	12	17.7	−20	14 10	9.0 9.1								✓
132	−20° 3645	12	17.8	−20	26	9.1								✓
133	−21° 3543	12	19.7	−21	12	9.1	−21° 3542	12	19.7	−21	15	9.4		✓
134	−21° 3544	12	20.2	−21	36	8.6								✓

Cont. p. 219

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1914phae.proj.2161C

952 Thursday, January 15, 1914

K 7 <

I 38629 long

	No.	Int.	Class	Remark
✓	1	8	B9	E.
✓	2	9	F5	
✓	3	2	A0	
✓	4	2	F5	
✓	5	4	F5	
✓	6	2	A3	
✓	7	6	F0	
✓	8	2	A0	
✓	9	7	F2	
✓	10	4	A0	
✓	11	7	K2	
✓	12	6	A0	
✓	13	1	K0	
✓	14	1	K0	
✓	15	4	A3	
✓	16	1	A2	
✓	17	2	B9	
✓	18	2	K0	
✓	19	1	G5	
✓	20	2	K5	
✓	21	1	A	
✓	22	3	A0	
✓	23	7	B8	
✓	24	3	A0	
✓	25	4	K0	
✓	26	2	K0	E.
✓	27	1	Ma	

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1914phae.proj.21610

1	−12°	2135	7	40.0	−12	19.4	6.8 ✓
2	−11	2106	7	41.2	−11	50.2	6.0 ✓
3	−11	2097	7	39.8	−11	19.4	7.5 ✓
4	−10	2198	7	38.3	−10	28.5	8.2 ✓
5	−9	2207	7	38.6	−9	48.7	7.6 ✓
6	−9	2214	7	39.1	−9	49.3	8.3 ✓
7	−10	2237	7	42.2	−10	49.3	6.8 ✓
8	−11	2114	7	42.5	−11	4.1	8.0 ✓
9	−12	2179	7	44.9	−12	27.0	7.0 ✓
10	−10	2239	7	42.3	−10	8.2	7.0 ✓
11	−8	2096	7	43.2	−8	49.0	5.5 ✓
12	−9	2254	7	44.4	−9	2.3	7.2 ✓
13	−8	2110	7	44.8	−8	55.8	8.3 ✓
14	−8	2112	7	45.0	−8	50.1	8.6 ✓
15	−9	2258	7	45.0	−9	17.1	7.7 ✓
16	−9	2251	7	44.0	−9	57.2	8.2 ✓
17	−8	2128	7	46.7	−8	51.1	8.3 ✓
18	−8	2130	7	47.0	−8	56.6	7.8 ✓
19	−9	2275	7	47.4	−9	24.9	8.0 ✓
20	−10	2278	7	47.1	−10	11.3	7.7 ✓
21	−10	2284	7	47.9	−10	42.0	8.3 ✓
22	−10	2285	7	48.1	−10	49.1	8.4 ✓
23	−10	2289	7	48.4	−10	46.4	7.8 ✓
24	−11	2163	7	48.5	−11	23.7	8.5 ✓
25	−12	2217	7	49.2	−12	13.6	6.8 ✓
26	−12	2229	7	50.0	−12	32.9	7.5 ✓
27	−11	2141	7	46.2	−11	15.0	8.2 ✓

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1914phae.proj.2161C

Thursday January 15, 1914

+38629 long.

	No	Int.	Class	Remark
✓	28	5	F5	
✓	29	3	B9	
✓	30	1	A0	
✓	31	1	K5	
✓	32	6	A0	
✓	33	7	A3	
✓	34	8	B9	
✓	35	9	A2	
✓	36	3	F2	
✓	37	4	F0	
✓	38	3	A0	
✓	39	3	A3	
✓	40	2	A0	
✓	41	1	A0	
✓	42	1	A2	
✓	43	2	A2	
✓	44	5	F8	
✓	45	1	K2	
✓	46	3	F5	
✓	47	3	K5	
✓	48	1	A0	Partly sup. on 47
✓	49	2	A0	
✓	50	1	A0	
✓	51	2	A2	
✓	52	3	A0	
✓	53	2	F8	
✓	54	1	Ma	

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1914phae.proj.2161C

28 – 10	2294 7	48.6 – 10	16.8	7.5 ✓
29 – 10	2295 7	49.1 – 10	17.7	8.3 ✓
30 – 10	2299 7	49.9 – 10	28.7	8.8 ✓
31 – 9	2287 7	49.0 – 9	25.4	8.1 ✓
32 – 9	2289 7	49.2 – 9	28.7	7.8 ✓
33 – 7	2082 7	30.7 – 7	24.4 ~~49.6~~	7.1 ~~8.8~~ ✓
34 – 6	2207 7	30.8 – 6	38.1	6.8 ✓
35 – 7	2118 7	33.6 – 7	51.3	6.3 ✓
36 – 6	2235 7	33.8 – 6	57.6	8.2 ✓
37 – 6	2243 7	34.7 – 6	48.7	8.0 ✓
38 – 6	2250 7	35.4 – 6	59.1	8.2 ✓
39 – 6	2261 7	36.8 – 6	22.4	8.5 ✓
40 – 7	2164 ~~2166~~ 7	37.9 ~~38.0~~ – 7	22.9 ~~36.4~~	8.5 ✓
41 – 7	2166 7	38.0 – 7	36.4	8.5 ✓
42 – 7	72 2166 7	38.5 – 7	31.0 ~~36.4~~	9.0 ~~8.5~~ ✓
43 – 7	7 217X 7	38.6 ~~38.4~~ – 7	43.6 ~~45.0~~	8.8 ~~8.9~~ ✓
44 – 7	2178 7	38.8 – 7	10.6	7.7 ✓
45 – ~~8~~	2049 ~~2050~~ 7	37.8 – 6.8	3.1	8.5 ✓
46 – 8	2055 7	38.4 – 8	29.9	8.5 ✓
47 – 8	2063 7	39.8 – 8	28.0	8.0 ✓
48 – ~~8~~ 7	2064 ~~2070~~ 7	39.9 ~~40.6~~ – ~~8~~ 7	29 ~~37.8~~	9.X ✓
49 – 8	2075 7	41.0 – 8	25.8	8.7 ✓
50 – 7	2188 7	40.3 – 7	41.6	8.8 ✓
51 – 7	2195 7	41.4 – 7	49.0	8.5 ✓
52 – 7	2201 7	42.5 – 7	39.3	8.4 ✓
53 – 7	2205 7	42.7 – 7	57.0	8.1 ✓
54 – 8	2090 7	42.9 – 8	13.2	8.1 ✓

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1914phae.proj.2161C

Thursday, January 15, 1914

I 38629 long.

	No.	Int.	Class	Remark
✓	55	1	A	
✓	56	2	B9	
✓	57	2	A	
✓	58	1	A	
✓	59	3	A_2	
✓	60	1	A_0	
✓	61	1	A_0	
✓	62	1	A_2	
✓	63	2	A_0	
✓	64	1	B_5	
✓	65	2	A_0	
✓	66	1	K_0	
✓	67	2	A_0	
✓	68	5	A_2	
✓	69	7	A_0	
✓	70	5	A_0	
✓	71	4	A_2	
✓	72	1	K_5	
✓	73	2	A_0	
✓	74	3	A_2	
✓	75	3	K_2	
✓	76	4	A_0	
10.08	77	7	A_2	E.
	78	1	A3	
	79			

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1014phaeo.proj.2161C

	2091		429	6.4		
55 – 8	~~2151~~	7	~~508~~ – 8	~~27.2~~	9.0	✓
56 – 8	2100	7	439 – 8	8.4	8.9	✓
57 – 7	2206	7	428 – 7	12.5	8.6	✓
58 – 6	2340	7	453 – 6	50.0	8.3	✓
59 – 6	2339	7	452 – 6	26.0	8.1	✓
60 – 6	2347	7	462 – 6	35.1	8.9	✓
61 – 7	2238	7	460 7	2.1	8.6	✓
62 – 6	2357	7	47.5 – 6	7.0	9.0	✓
63 – 6	2360	7	48.1 – 6	33.3	9.1	✓
64 – 7	2246	7	47.4 7	0.8	8.5	✓
65 – 7	2236	7	45.8 7	36.2	8.4	✓
66 – 7	2248	7	47.6 7	58.7	8.6	✓
67 – 7	2256	7	48.5 7	54.7	8.5	✓
68 – 7	2264	7	49.3 7	36.8	7.3	✓
69 – 7	2273	7	50.3 7	25.0	7.3	✓
70 – 6	2383	7	51.3 – 6	0.5	7.8	✓
71 – 5	2243	7	39.5 – 5	59.1	8.0	✓
72 – 5	2255	7	41.0 – 5	32.7	8.5	✓
73 – 5	2257	7	41.3 – 5	17.8	8.9	✓
74 – 4	2097 (2)	7	~~420~~ 41.2 – 4	~~17.8~~ 26	~~7.9~~ 8.5	
75 – 4	~~2042~~ 2097	7	428.0 – 4	~~10.8~~ 18	~~7.0~~ 7.9	
76 – 5	2284	7	46.7 – 5	41.5	7.8	✓
77 – 3	2151	7	51.8 – 3	56.2	7.0	
✓ 78 – 8	1973	7	26.6 – 8	3	9.0	1 from B20802

Identified on plate by E. F. S. May 15, 1914
Identified on cards by A.H.C. June 1914
Identification compared, by G.R.B.

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1914phae.proj.216ic

10.10 Thursday, January 15, 1914

B12774 short

Y.F.M. Rec.	No.	Int.	Class	Remark
	1	3	B9	E.
	2	9	K0	E.
	3	10	K0	E.
	4	1	K2	
	5	1	K0	
	6	2	A0	
	7	2	A2	
	8	2	K5	
	9	5	A0	
	10	5	A0	
	11	1	A0	
	12	1	A0	
	13	1	A2	
	14	3	K2	
	15	5	A2	
	16	2	A0	
	17	1	K0	The following of two.
	18	4	A3	
	19	8	F8	
	20	2	G5	
	21	1	K0	
	22	1	K2	
	23	2	K2	
	24	4	A2	
	25	1	K2	
	26	2	A0	
	27	2	B8	

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1914phae.proj.2161C

1	+2°	1827	7	49.0	+2	42.4	8.3	✓
2	+2°	1833	7	50.8	+2	37.3	6.0	✓
3	+2°	1854	7	54.7	+2	43.2	5.0	✓
4	+2°	1857	7	55.6	+2	19.5	8.8	✓
5	+2°	1859	7	56.1	+2	10.5	8.5	✓
6	+1°	1971	7	54.2	+1	51.9	8.7	✓
7	+1°	1979	7	55.3	+1	24.4	8.7	✓
8	+1°	1983	7	57.0	+1	21.7	8.0	✓
9	+1°	1990	7	58.4	+1	4.2	8.7	✓
10	+0°	2185	7	58.9	+0	41.2	8.5	✓
11	+0°	2179	7	57.5	+0	30.0	9.0	✓
12	+0°	2176	7	57.3	+0	17.0	9.0	✓
13	+0°	2157	7	53.2	+0	19.8	9.0	✓
14	+0°	2155	7	53.0	+0	19.8	8.0	✓
15	−0°	1874	7	51.6	−0	3.4	8.0	✓
16	+0°	2150	7	52.4	+0	51.7	9.0	✓
17	+0°	2145	7	51.4	+0	23.6	8.5	✓
18	+0°	2142	7	50.3	+0	40.6	8.3	✓
19	+1°	1959	7	49.8	+1	32.2	6.5	✓
20	+1°	1955	7	49.6	+1	53.3	8.5	✓
21	+1°	1953	7	49.0	+1	12.5	9.0	✓
22	+1°	1950	7	48.5	+1	12.1	8.8	✓
23	+0°	2133	7	48.9	+0	55.2	8.5	✓
24	+1°	1939	7	47.1	+1	56.3	8.5	✓
25	−0°	1854	7	47.4	−0	6.6	8.7	✓
26	+0°	2127	7	48.0	+0	5.2	9.0	✓
27	+0°	2129	7	48.5	+0	5.8	9.0	✓

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1914phae.proj.216ic

Thursday, January 15, 1914

B 12774 short

No.	Int.	Class	Remark
28	2	Q_0	
29	7	B_9	
30	2	K_2	
31	1	F_5	
32	1	G_5	
33	1	K_0	
34	3	G_5	
35	3	Ma	
36	2	K_0	
37	1	K_5	
38	2	K_0	
39	1	G_5	
40	2	Q_2	
41	4	Q_0	
42	3	Q_2	
43	3	Comp.	$B_1 = G_0$ $F_1 = Q_2$ $K = 0.2\ H$
44	3	F_8	
45	7	B_5	
46	5	K_0	
47	9	G_0	
48	8	G_5	
49	2	Q_3	
50	5	F_0	
51	5	Q_0	
52	7	F_8	
53	6	Q_0	
54	3	K_2	

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28	+0°	2131	7	48.7	+0	3.1	8.8 ✓
29	−0°	1864	7	50.0	−0	14.3	7.5 ✓
30	−0°	1866	7	50.6	−0	25.3	8.5 ✓
31	−0°	1861	7	49.5	−0	24.4	8.5 ✓
32	−0°	1859	7	49.1	−0	38.5	8.5 ✓
33	−0°	1849	7	45.7	−0	42.4	8.3 ✓
34	−1°	1872	7	45.6	−1	37.8	8.5 ✓
35	−2°	2325	7	45.3	−2	15.2	7.8 ✓
36	−1°	1860	7	44.0	−1	43.1	8.5 ✓
37	−1°	1855	7	43.5	−1	0.4	8.7 ✓
38	−0°	1828	7	41.2	−0	24.3	8.5 ✓
39	−0°	1817	7	38.9	−0	45.1	8.8 ✓
40	−0°	1813	7	38.4	−0	49.8	9.2 ✓
41	−3°	2062	7	39.7	−3	19.5	8.7 ✓
42	−3°	2044	7	37.9	−3	19.0	8.7 ✓
43	−3°	2061	7	39.5	−3	32.0	8.2 ✓
44	−2°	2263	7	36.9	−2	54.5	8.0 ✓
45	−4°	2197	7	57.0	−4	25.4	7.5 ✓
46	−5°	2341	7	56.6	−5	55.4	7.5 ✓
47	−5°	2339	7	55.3	−5	56.0	6.5 ✓
48	−6°	2407	7	54.0	−6	1.1	6.8 ✓
49	−5°	2327	7	53.4	−5	4.4	8.4 ✓
50	−4°	2172	7	53.6	−4	40.7	8.5 ✓
51	−4°	2174	7	53.6	−4	33.6	8.8 ✓
52	−4°	2166	7	53.3	−4	29.6	7.0 ✓
53	−4°	2173	7	53.6	−4	22.0	7.8 ✓
54	−4°	2168	7	53.4	−4	11.9	8.0 ✓

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1914phae.proj.2161C

Thursday, January 15, 1914

B 12774 short

No.	Int.	Class	Remark
55	2	K5	
56	3	A0	
57	6	A5	
58	2	K5	
59	3	F2	
60	3	F5	
10.24 61	2	F2	
62	4	B	No lines seen distinctly
63	2	A3	
64	3	A0	
65	2	K5	
66			
69			

66 6 A0

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1914phae.proj.2161C

55	-4°	2170	7	53.6	-4	7.7	8.0 ✓
56	-4°	2160	7	52.2	-4	32.2	8.5 ✓
57	-4°	2162	7	52.5	-4	47.9	7.9 ✓
58	-4°	2158	7	51.6	-4	33.1	8.4 ✓
59	-3°	2180	7	55.3	-3	55.2	8.5 ✓
60	-4°	2175	7	54.0	-4	14.5	8.6 ✓
61	-4°	2176	7	54.3	-4	22.3	8.7 ✓
62	-1°	1900	7	50.1	-1	13.3	8.3 ✓
63	-1°	1903	7	50.6	-1	15.5	9.0 ✓
64	-2°	2363	7	50.9	-2	10.8	9.0 ✓
65	-2°	2360	7	50.2	-2	33.5	7.8 ✓

Identified by J C M Jan. 16, 1914.
Checked by A.M.C. Jan. 23, 1914
Cards made out by G.R.B.
Cards checked by A.M.C.

✓ 66 -1 1976 8 3.9 -1 8 8.0 17 Com 138271

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1914phae.proj.216ic

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1914phae.proj.216IC

Thursday Jan. 15, 1914

Cont. from Book 74 Page 18 B 20896 phot.

	No.	Dur.	Class	Remarks
✓	244	4	F8	
✓	245	3	A0	
✓	246	4	A0	E
✓	247	2	A2	E
✓	248	3	A0	E
✓	249	3	A2	Another star super. at south-
✓	250	4	K0	E
✓	251	5	A0	E
✓	252	6	F5	
✓	253	2	G0	Partly super. on 252
✓	254	2	K0	
✓	255	3	A0	
11.17 ✓	256	3	A2	
	257			

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1914phae.proj.2161C

	−13° 2317	7	50.4	−13	1	9.4	See chart plate - which star is classified?
244	−13° 2315	7	50.4	−13	1	8.4	✓
245	−11° 2196	7	53.5	−11	11	9.0	✓
246	−11° 2187	7	52.1	−11	8	8.5	✓
247	−10° 2318	7	52.4	−10	50	8.9	✓
248	−10° 2315	7	52.1	−10	51	8.8	✓
249	−10 2313	7	51.9	−10	33	8.7	−10° 2314 7 51.9 −10 39 8.7 ✓
250	−10° 2309	7	51.2	−10	30	8.0	✓
251	−10° 2319	7	52.3	−10	5	8.8	✓
252	−11° 2182	7	51.1	−11	28	8.5	✓
253	−11° 2181	7	51.0	−11	30	9.2	✓
254	−11° 2179	7	50.7	−11	42	9.0	✓
255	−11° 2177	7	50.4	−11	36	9.0	✓
256	−12° 2231	7	50.2	−12	3	8.6	✓

Identified on cards by AMC. May 13, 1914

Identified here May 15 1914 L.D.W.

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

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1914phae.proj.216ic

Thursday Jan. 15, 1914

11.22 B15262 short.

No.	Int.	class	Remark.
1	3	A0	
2	2	K5	
3	3	F8	
4	2	A0	
5	6	A2	
6	2	K0	
7	7	A0	
8	1	G5	
9	1	K5	
10	7	A0	
11	1	G5	
12	5	G5	
13	3	K0	
14	5	A2	
15	2	K2	
16	1	F8	
17	3	A3	
18	2	A2	
19	2	F8	
20	1	K0	
21	5	K0	
22	4	F2	
23	3	A5	
24	2	A0	
25	1	K5	
26	3	F5	
27	5	K0	Star of class a super at north.

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1914phae.proj.216ic

1	−5°	2345	7	56.2	−5	26.4	9.1 ∧ ∨
2	−5°	2344	7	56.2	−5	37.5	8.7 ∧ ∨
3	−5°	2340	7	55.4	−5	24.9	8.9 ∧ ∨
4	−5°	2336	7	55.0	−5	30.8	9.3 ∧ ∨
5	−6°	2419	7	55.3	−6	17.5	8.5 ∧ ∨
6	−6°	2421	7	55.6	−6	31.0	9.0 ∧ ∨
7	−7°	2328	7	56.0	−7	2.8	8.7 ∧ ∨
8	−7°	2320	7	54.9	−7	1.2	8.8 ∧ ∨
9	−7°	2321	7	55.1	−7	11.1	8.9 ∧ ∨
10	−7°	2318	7	54.7	−7	16.8	8.8 ∧ ∨
11	−7°	2312	7	54.2	−7	17.4	9.1 ∧ ∨
12	−7°	2310	7	53.9	−7	15.1	8.3 ∧ ∨
13	−6°	2404	7	53.6	−6	41.7	8.2 ∧ ∨
14	−6°	2402	7	53.0	−6	57.5	8.7 ∧ ∨
15	−6°	2397	7	52.5	−6	14.0	8.5 ∧ ∨
16	−6°	2392	7	52.2	−6	5.2	9.0 ∧ ∨
17	−5°	2315	7	51.2	−5	41.9	9.0 ∧ ∨
18	−5°	2313	7	50.9	−5	39.7	9.0 ∧ ∨
19	−4°	2159	7	51.9	−4	51.9	8.8 ∧ ∨
20	−5°	2318	7	51.6	−5	18.2	9.0 ∧ ∨
21	−5°	2303	7	49.6	−5	42.6	8.4 ∧ ∨
22	−5°	2301	7	49.2	−5	15.1	9.0 ∧ ∨
23	−5°	2296	7	48.8	−5	8.0	8.7 ∧ ∨
24	−5°	2300	7	49.2	−5	21.6	9.2 ∧ ∨
25	−5°	2297	7	48.8	−5	26.0	9.0 ∧ ∨
26	−6°	2368	7	48.9	−6	3.0	8.5 ∧ ∨
27	−6°	2367	7	48.8	−6	9.0	8.2 ∧ ∨

−6° 2366 7 48.8 −6 4.6 mag. 9.4 superposed.

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5

Thursday Jan. 17, 1914

B 1526 = Short.

No.	Int.	class	Remark
28	4	K0	
29	3	A0	
30	4	A2	
31	2	Ma	
32	4	A2	
33	5	K0	
34	1	K0	
35	1	Ma	
36	4	G5	
37	3	F5	
38	7	K0	
39	3	A3	
40	3	B9	
41	3	A0	
42	2	A0	
43	4	K0	
44	3	K2	
45	2	G5	
46	5	K0	
47	3	A0	Partly super. on 46
48	7	Comp	Br = F5 Ft = A2 K = 2 of H.
49	3	G5	
50	5	A0	
51	3	A2	
52	2	G0	
53	1	F5	
54	6	A3	Another star super on fol. side. Probably same class. Not in C

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28	−4°	2143	7	48.2	−4	17.9	8.3 1 ⌣
29	−4°	2145	7	48.4	−4	38.4	9.0 1 ⌣
30	−4°	2135	7	47.2	−4	9.0	8.8 1 ⌣
31	−3°	2111	7	46.8	−3	55.9	8.3 1 ⌣
32	−4°	2133	7	46.6	−4	2.1	8.5 1 ⌣
33	−4°	2124	7	45.5	−4	20.7	8.5 1 ⌣
34	−4°	2123	7	45.5	−4	26.3	9.1 1 ⌣
35	−4°	2121	7	45.2	−4	45.1	9.4 ∧ ⌣
36	−4°	2104	7	43.6	−4	43.9	8.5 1 ∨
37	−4°	2102	7	42.8	−4	10.8	9.0 ∧ ⌣
38	−4°	2097	7	42.0	−4	17.8	7.9 ∧ ⌣
39	−4°	2098	7	42.1	−4	37.4	9.1 ∧ ⌣
40	−4°	2096	7	41.8	−4	40.1	9.0 ∧ ⌣
41	−5°	2253	7	40.8	−5	6.4	9.0 ∧ ⌣
42	−5°	2249	7	40.5	−5	14.0	9.4 1 ∨
43	−5°	2255	7	41.0	−5	32.7	8.5 ∧ ⌣
44	−5°	2242	7	39.4	−5	5.7	8.3 ∧ ∨
45	−4°	2086	7	39.7	−4	35.9	9.0 ∧ ⌣
46	−5°	2277	7	45.4	−5	32.8	8.5 ∧ ⌣
47	−5°	2278	7	45.4	−5	38.4	9.0 ∧ ⌣
48	−8°	2186	7	54.7	−8	11.9	7.2 ∧ ∨
49	−7°	2319	7	54.8	−7	48.8	8.4 ∧ ∨
50	−7°	2308	7	53.4	−7	38.8	8.5 ∧ ⌣
51	−8°	2166	7	52.3	−8	1.0	9.2 ∧ ⌣
52	−8°	2164	7	52.1	−8	9.6	8.5 ∧ ∨
53	−7°	2286	7	51.7	−7	56.8	8.8 ∧ ∨
54	−7°	2291	7	52.2	−7	6.7	8.3 ∧ ∨

Not in Cat.

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Thursday January 15, 1914

B 15262 shots

No.	Int.	class	Remark
55	2	F0	
56	4	A0	
57	3	K0	
58	2	G0	
59	3	K5	
60	2	A2	
61	2	A0	
62	2	G5	
63	6	A2	
64	9	A3	
65	2	F5	
66	2	A0	
67	3	G0	
68	8	A3	
69	2	A2	
70	2	A3	
71	2	F8	
72	3	A3	
73	3	F8	
74	7	B9	
75	3	F0	
76	2	A3	
77	2	G0	
78	2	A0	
79	3	F8	The s. p. of two. F. f. I think. Am C
80	3	K0	
81	4	F8	

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55	-6°	2395	7	52.4	-6	54.1	9.2	1 ✓
56	-6°	2394	7	52.3	-6	36.3	8.8	1 ✓
57	-6°	2400	7	52.6	-6	54.1	8.5	1 ✓
58	-6°	2388	7	51.8	-6	16.8	9.0	1 ✓
59	-6°	2378	7	50.7	-6	13.0	8.0	1 ✓
60	-6°	2375	7	50.0	-6	34.4	9.0	1 ✓
61	-7°	2251	7	47.8	-7	1.8	9.0	1 ✓
62	-7°	2246	7	47.4	-7	0.8	8.5	1 ✓
63	-9°	2344	7	56.3	-9	29.2	8.5	1 ✓
64	-8°	2189	7	55.0	-8	57.8	7.6	1 ✓
65	-8°	2185	7	54.6	-8	53.0	9.0	1 ✓
66	-8°	2182	7	54.0	-8	30.2	9.0	1 ✓
67	-8°	2175	7	53.4	-8	42.5	8.6	1 ✓
68	-8°	2170	7	52.8	-8	42.6	7.9	1 ✓
69	-7°	2301	7	53.0	-7	56.4	9.1	1 ✓
70	-7°	2299	7	53.0	-7	59.7	9.0	1 ✓
71	-8°	2160	7	51.9	-8	34.4	9.0	1 ✓
72	-8°	2162	7	52.0	-8	47.0	9.1	1 ✓
73	-9°	2298	7	50.4	-9	26.3	8.7	1 ✓
74	-9°	2311	7	51.7	-9	41.0	8.2	1 ✓
75	-9°	2301	7	50.7	-9	47.8	9.2	1 ✓
76	-9°	2294	7	49.9	-9	16.1	9.0	1 ✓
77	-9°	2282	7	48.0	-9	23.4	8.8	1 ✓
78	-9°	2280	7	47.9	-9	36.0	9.5	1 ✓
79	-10°	2283	7	47.8	-10	4.5	8.7	1 ✓
80	-10°	2279	7	47.2	-10	46.5	8.5	1 ✓
81	-10°	2266	7	45.4	-10	23.6	8.7	1 ✓

-6° 2389 7 57.8 -6 18.4 magn. 9.3 superposed

-9° 2302 7 50.8 -9 50.0 magn. 9.7 sup.

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1914phae.proj.216IC

Thursday Jan. 15, 1914

B15262 Short.

No.	Int.	Class	Remark
82	2	F5	
83	3	A2	
84	4	G0	
85	3	A0	
86	3	G0	
87	2	K2	
88	2	K5	
89	2	A2	
90	4	A5	
91	4	A5	
92	3	A0	Another star super? Not in cat. B15225, chart does not show it.
93	2	G5	
94	3	F5	
95	3	A2	
96	3	F8	
97	1	K2	
98	3	K0	
99	2	A2	
100	3	A0	
101	3	A2	
102	1	K0	
103	3	F0	
104	3	A0	
105	2	K2	E
106	2	A	E
107	3	A2	E
108	2	G5	E

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82	−10°	2264	7	45.2	−10	28.7	9.3	∧ ∨
83	−10°	2256	7	44.2	−10	21.0	9.1	∧ ∨
84	−9°	2260	7	45.2	−9	53.1	8.6	∧ ∨
85	−9°	2256	7	44.8	−9	31.2	8.8	∧ ∨
86	−9°	2253	7	44.2	−9	16.0	8.9	∧ ∨
87	−9°	2239	7	42.7	−9	35.2	8.3	∧ ∨
88	−8°	2092	7	43.0	−8	55.2	8.3	∧ ∨
89	−9°	2236	7	42.3	−9	58.1	8.9	∧ ∨
90	−9°	2234	7	42.0	−9	59.3	8.3	∧ ∨
91	−9°	2228	7	40.8	−9	57.7	8.1	∧ ∨
92	−8°	2100	7	43.9	−8	8.4	8.9	∧ ∨
93	−7°	2227	7	44.8	−7	33.7	8.5	∧ ∨
94	−9°	2332	7	54.6	−9	29.8	8.5	∧ ∨
95	−9°	2341	7	55.8	−9	2.6	8.8	∧ ∨
96	−9°	2324	7	53.4	−9	56.6	8.2	∧ ∨
97	−10°	2329	7	53.3	−10	1.1	8.8	∧ ∨
98	−10°	2304	7	50.5	−10	23.1	8.3	∧ ∨
99	−10°	2307	7	50.7	−10	34.5	9.2	∧ ∨
100	−10	2300	7	49.9	−10	13.1	9.1	∧ ∨
101	−10°	2296	7	49.3	−10	10.9	9.0	∧ ∨
102	−10°	2297	7	49.6	−10	40.5	9.1	∧ ∨
103	−11°	2176	7	50.3	−11	3.4	9.2	∧ ∨
104	−11°	2169	7	49.1	−11	3.3	9.0	∧ ∨
105	−11°	2170	7	49.3	−11	33.6	8.9	∧ ∨
106	−10°	~~2300~~ 2165	7	~~49.9~~ 48.6	−10	~~13.1~~ 42.4	9.3	∧ ∨
107	−11°	2155	7	47.4	−11	32.9	9.3	∧ ∨
108	−11°	2143	7	46.4	−11	43.5	9.0	∧ ∨

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1914phae.proj.2161C

Thursday January 15, 1914

11.40

No.	Dur.	Class	Remark
109	3	Ko	E
110	3	As	E
111	2	Ko	E
112			

... 112 2 As

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1914phae.proj.2161C

109 −11°	2136 7	45.7 −11	33.1	8.9	1 ~
110 −11°	2129 7	45.3 −11	28.6	9.0	1 ~
111 −11°	2127 7	45.1 −11	38.2	9.0	1 ~

Identified by AMC Feb. 6, 1914
Checked Feb. 9 1914 LDW.
Lands made out by G.R.B.

~ 112 −7 2163 7 37.8 −7 37 9.1 63 m B4484

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1914phae.proj.216:C

Friday, Sept. 18, 1914 (Cont. from P. 190)

B 40286 short

	No	Fwt.	Class	Remark
✓	135	7	F8	
✓	136	4	K2	
✓	137	2	G5	
✓	138	3	F8	
✓	139	2	G0	
✓	140	1	K2	
✓	141	1	G5	
✓	142	2	K2	
✓	143	2	K2	
✓	144	2	K2	
✓	145	3	G5	E
✓	146	2	G0	E
✓	147	1	K2	E
✓	148	2	G0	E
✓	149	3	F8	
✓	150	1	K2	
✓	151	1	G0	
✓	152	5	F8	
12:13	✓	153	2	G5
		154	2	G5

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1914phae.proj.2161C

135	-21° 3541	12	19.5	-21	35	7.7	✓
136	-22° 3379	12	21.1	-22	7	8.2	✓
137	-21° 3546	12	21.5	-21	56	8.9	✓
138	-22° 3387	12	23.5	-22	30	8.8	✓
139	-22° 3385	12	22.9	-22	45	9.0	✓
140	-21° 3545	12	21.2	-21	5	9.0	✓
141	-21° 3549	12	22.1	-21	15	9.0	✓
142	-21° 3552	12	22.5	-21	4	8.5	✓
143	-20° 3653	12	21.9	-20	36	8.3	✓
144	-20° 3659	12	23.2	-20	50	8.4	✓
145	-21° 3560	12	25.5	-21	54	8.6	✓
146	-22° 3394	12	25.9	-22	12	8.9	✓
147	-23° 10590	12	26.0	-23	12	9.1	✓
148	-23° 10589	12	25.7	-23	39	9.2	✓
149	~~-24° 10389~~ -23° 10590	12	~~23.5~~ 26.0	~~-24~~ -23	~~34~~ 12	~~8.5~~ 9.1	✓
150	-24° 10387	12	23.1	-24	37	8.7	✓
151	-22° 3376	12	20.4	-22	37	9.1	✓
152	-22° 3377	12	20.5	-22	26	8.5	✓
153	-23° 10448	12	9.4	-23	9	9.2	✓

-22° 3378 12 20.6 -22 23 9.1 Superpound.

Identified on cards by Amc. Oct. 6, 1914

Identified here Oct. 26 1914 L.D.W.

Identification compared by S.R.B. Oct. 8, 1914

✓ 154 -22 3300 12 2.2 -22 8 9.0 Gm B17401

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1914phat.proj.216fC

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