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Friday. May 14, 1913.

Time: 11.55

I 37397 long disp

No	Ext.	Class	Remark
1	1	A_2	E.
2	1	f_2	E.
3	1	A	E.
4	2	F_0	
5	1	A_2	
6	1	F_5	
7	2	A_3	
8	3	A_0	
9	1	F_5	
10	1	A	
11	3	F_8	
12	1	F_0	
13	1	F_2	
14	1	F_2	
15	1	A	
16	1	A_0	
17	2	A_0	
18	1	F_0	
19	1	A_0	
20	2	F_0	
21	1	F_5	
22	3	A_0	
23	2	F_0	
24	2	A_2	
25	2	f_5	
26	1	A_0	Another star superposed?
27	2	F_0	

1	+39°	1494	5	53.3	+39	48.5	8.7	✓
2	+39°	1500	5	54.3	+39	57.4	8.8	✓
3	+38°	1372	5	55.9	+38	49.1	7.1	✓
4	+39°	1520	5	57.8	+39	45.2	8.4	✓
5	+39°	1529	5	59.3	+39	42.6	8.8	✓
6	+40°	1512	6	2.4	+40	14.0	8.8	✓
7	+38°	1411	6	3.4	+38	25.2	8.6	✓
8	+38°	1418	6	4.4	+38	37.3	8.4	✓
9	+37°	1485	6	5.4	+37	25.8	8.3	✓
10	+37°	1454	6	5.3	+37	52.4	9.0	✓
11	+38°	1433	6	6.2	+38	10.8	8.6	✓
12	+38°	1432	6	6.1	+38	53.1	8.8	✓
13	+39°	1563	6	5.6	+39	32.8	8.2	✓
14	+39°	1562	6	6.6	+39	46.1	8.5	✓
15	+39°	1564	6	5.8	+39	20.2	9.2	✓
16	+40°	1546	6	7.7	+40	46.4	8.5	✓
17	+40°	1556	6	8.9	+40	47.2	9.0	✓
18	+40°	1558	6	9.4	+40	42.1	8.0	✓
19	+40°	1561	6	9.9	+40	27.1	8.7	✓
20	+39°	1595	6	10.7	+39	24.2	8.2	✓
21	+40°	1577	6	12.4	+40	6.7	8.4	✓
22	+39°	1608	6	13.7	+39	49.4	8.3	✓
23	+37°	1486	6	11.2	+37	59.9	7.8	✓
24	+37°	1499	6	14.2	+37	42.4	8.6	✓
25	+39°	1612	6	14.1	+39	10.6	8.2	✓
26	+39°	1615	6	15.0	+39	28.6	9.0	✓
27	+39°	1617	6	15.5	+39	42.2	8.5	✓

14.5

magn. 9.2

+39° | 1616 superposed

cards made out

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Friday. Mar. 14. 1913.

I 37397 long disp.

No.	Int.	Class	Remark
28	5	g_5	
29	6	Bq	
30	7	A_0	
31	5	Bq	
32	3	g_5	
33	4	F_0	
34	5	F_0	
35	3	g_5	
36	2	A_3	
37	3	F_2	
38	4	g_0	
39	5	A_0	
40	9	A_0	
41	8	A_2	
42	4	G_2	
43	5	F_5	
44	5	K_0	
45	2	g_5 E.	
46	2	A_0 E.	
47	1	F_5 E.	
48	1	A_2 E.	
49	5	K 0, 6, 10.	
50	3	g_5	
51	2	A_5	
52	2	Bq	
53	1	A_2	
54	1	K_0	

28	+39°	1629	6	16.5	+39	45.1	7.2	✓
29	+40°	1598	6	16.0	+40	0.0	7.8	✓
30	+40°	1599	6	16.2	+40	26.4	7.5	✓
31	+40°	1603	6	17.0	+40	17.3	7.8	✓
32	+39°	1634	6	17.6	+39	55.2	7.9	✓
33	+39°	1632	6	17.0	+39	3.2	7.8	✓
34	+39°	1635	6	18.5	+39	11.7	7.6	✓
35	+39°	1637	6	18.7	+39	3.2	7.4	✓
36	+38°	1496	6	18.3	+38	23.0	8.3	✓
37	+39°	1645	6	20.0	+39	3.1	8.3	✓
38	+39°	1641	6	19.2	+39	44.6	7.4	✓
39	+40°	1613	6	18.8	+40	12.5	7.3	✓
40	+39°	1649	6	20.9	+39	50.8	7.0	✓
41	+39°	1662	6	22.9	+39	52.8	7.2	✓
42	+39°	1664	6	23.6	+39	32.8	7.6	✓
43	+38°	1528	6	24.7	+38	38.3	7.5	✓
44	+38°	1523	6	24.4	+38	10.4	7.0	✓
45	+37°	1520	6	20.2	+37	54.4	8.5	✓
46	+37°	1514	6	18.5	+37	15.9	8.8	✓
47	+37°	1516	6	18.8	+37	27.8	8.3	✓
48	+37°	1531	6	23.2	+37	40.4	8.5	✓
49	+38°	1539	6	26.6	+38	33.4	6.3	✓
50	+38°	1537	6	26.3	+38	6.4	8.1	✓
51	+38°	1546	6	27.3	+38	32.4	8.3	✓
52	+38°	1540	6	26.7	+38	54.4	8.1	✓
53	+39°	1685	6	27.9	+39	31.5	8.9	✓
54	+39°	1689	6	28.5	+39	14.4	8.0	✓

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Friday, May 14, 1913.

I 37377 long disp.

No	Int.	Class	Remark
55	7	K0	
56	10	F8	
57	4	K0	
58	2	A2	
59	1	A0	
60	1	F8	
61	5	A2	
62	3	F5	
63	3	K5	
64	8	F2	
65	6	F5	
66	4	K0	
67	3	A2	
Time: 12.04 May. 15. 1913	68	7	F2
Time: 9.45	69	7	F0 E.
	70	5	A0 E.
	71	3	A5 E.
	72	3	A0 E.
	73	4	Ma
	74	3	F5
	75	1	ly
	76	2	A E.
	77	1	A
	78	1	Ma
	79	2	F8
	80	1	K0
	81	1	ly Partly superposed on 82

55	+39°	1690	6	28.6	+39	31.0	6.5	✓
56	+39°	1665	6	28.7	+40	1.4	6.1	✓
57	+40°	1663	6	28.5	+40	27.9	7.0	✓
58	+40°	1654	6	27.4	+40	41.0	8.0	✓
59	+40°	1650	6	27.1	+40	5.9	8.6	✓
60	+39°	1684	6	27.8	+39	54.5	8.9	✓
61	+41°	1472	6	26.6	+41	13.1	7.8	✓
62	+41°	1476	6	27.6	+41	23.6	8.41	
63	+41°	1482	6	28.7	+41	37.4	7.5	✓
64	+41°	1484	6	30.2	+41	5.6	7.8	✓
65	+40°	1676	6	30.6	+40	17.9	7.4	✓
66	+39°	1701	6	31.1	+39	22.0	7.5	✓
67	+39°	1711	6	32.4	+39	9.9	8.1	✓
68	+39°	1713	6	32.6	+39	1.8	7.0	✓
69	+39°	1721	6	35.1	+39	30.7	7.0	✓
70	+39°	1736	6	36.0	+39	6.8	7.0	✓
71	+38°	1595	6	35.5	+38	31.5	7.5	✓
72	+40°	1707	6	36.7	+40	23.6	7.6	✓
73	+40°	1696	6	34.1	+40	45.8	7.0	✓
74	+40°	1687	6	32.8	+40	14.6	8.1	✓
75	+40°	1690	6	33.3	+40	6.1	8.4	✓
76	+39°	1730	6	35.1	+39	57.3	8.3	✓
77	+39°	1714	6	32.9	+39	25.1	8.6	✓
78	+41°	1356	5	57.1	+41	12.1	8.5	✓
79	+41°	1354	5	56.7	+41	46.5	9.0	✓
80	+42°	1481	5	55.9	+42	46.6	8.6	✓
81	+43°	1444	5	56.2	+43	3.7	8.8	✓

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Saturday, Nov. 15. 1913.

I 37397 long disp.

No.	Int.	Class	Remark
82	1	g_5	
83	3	A_0	
84	4	B_9	
85	1	A	E.
86	2	A_2	E.
87	1	F_2	
88	1	A_0	
89	1	K_5	
90	1	A_2	
91	1	A	Partly superposed on 92.
92	4	A_5	Hydrogen lines of +44°1392, superposed. Chart fol. +66° the dark clouds.
93	1	A_3	
94	1	g_5	
95	1	A	Partly superposed on 92.
96	2	A_3	
97	1	F_0	
98	1	K_5	
99	2	g_0	
100	1	A_3	
101	4	K_5	
102	3	A_2	
103	3	A_2	
104	2	g_5	
105	1	A_2	
106	2	A_0	
107	4	A_3	
108	3	F_5	

82	+43°	1447	5	6 57.3	+43	0.8	9.1	✓
83	+43°	1454	5	57.3	+43	48.2	8.7	✓
84	+42°	1488	5	57.8	+42	51.8	8.4	✓
85	+44°	1346	5	52.7	+44	1.0	5	✓
	~~+43°~~	~~+423~~		~~53.0~~	~~+43~~	~~46.8~~	~~8.5~~	
86	+43°	1409	5	50.6	+43	39.5	8.3	✓
87	+45°	1247	5	57.5	+45	3.9	8.4	✓
88	+42°	1498	6	0.4	+42	48.9	8.0	✓
89	+44°	1388	6	1.6	+44	8.1	8.4	✓
90	+43°	1483	6	2.3	+43	50.2	9.2	✓
91	+44°	1394	6	2.5	+44	14.6	8.9	✓
92	+44°	1393	6	2.5	+44	32.9	8.8	✓
93	+41°	1372	5	59.4	+41	34.1	8.8	✓
94	+41°	1378 5	5	59.8	+41	4.7 0.3	8.5 9.1	✓
95	+41°	1373	5	59.6	+41	22.3	8.8	✓
96	+43°	1499	6	5.8	+43	42.6	8.7	✓
97	+42°	1515	6	5.5	+42	29.7	9.0	✓
98	+41°	1410	6	7.4	+41	31.0	8.0	✓
99	+42°	1527	6	8.0	+42	23.5	8.4	✓
100	+42°	1530	6	8.6	+42	36.1	8.8	✓
101	+40°	1583	6	13.7	+40	52.6	7.7	✓
102	+40°	1584	6	14.0	+40	29.1	8.3	✓
103	+41°	1433	6	14.4	+41	10.0	8.3	✓
104	+40°	1589	6	14.7	+40	55.2	8.4	✓
105	+41°	1435	6	15.0	+41	14.4	8.7	✓
106	+41°	1439	6	15.9	+41	8.5	8.4	✓
107	+42°	1547	6	14.6	+42	37.0	8.0	✓
108	+43°	1521	6	12.7	+43	45.6	8.0	✓

Negs. 8.1 +44° 1392 superposed

Cards made out

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Saturday, Mar. 15. 1913.

I 37397 long disp.

No.	Int.	Class	Remarks
109	1	Ys	
110	1	Ao	
111	1	Ys	Another star superposed on s. f. side.
112	2	Ys	
113	7	Yo	
114	1	Ys	
115	2	A2	
116	2	A2	
117	1	Y2	
118	2	Yo	
119	1	Ys	
120	1	Ys	
121	1	Yo	
122	3	Yo	
123	4	A2	
124	2	Yo	
125	4	A2	E.
126	16	Y	E.
127	2	A	
128	3	Y2	
129	1	Y	E.
130	1	A	
131	2	Ao	
132	1	[illegible]	
133	3	Ys	E. forms very pair.
134	1	Ko	
135	1	Y8	
136	1	Ys	

Cont. on page 94

Image 00

109	+43°	1518	6	12.0	+43	35.2	8.7	✓
110	+42°	1565	6	21.2	+42	42.3	9.0	✓
111	+43°	1555	6	22.7	+43	15.2	8.4	✓
112	+43	1558	6	23.5	+43	12.6	8.6	✓
113	+43°	1565	6	25.4	+43	49.1	7.3	✓
114	+43°	1566	6	25.5	+43	22.4	8.7	✓
115	+42°	1578	6	28.6	+42	2.2	8.5	✓
116	+42°	1581	6	28.0	+42	8.2	8.5	✓
117	+43°	1573	6	27.8	+43	21.1	8.4	✓
118	+42°	1589	6	29.7	+42	40.8	8.5	✓
119	+42°	1590	6	30.1	+42	31.9	9.1	✓
120	+42°	1591	6	30.5	+42	11.2	8.9	✓
121	+43°	1588a	6	33.3	+43	18.5	8.6	✓
122	+42°	1600	6	35.9	+42	23.5	7.9	✓
123	+42°	1601	6	35.9	+42	10.3	8.2	✓
124	+41°	1497	6	35.8	+41	58.1	7.6	✓
125	+42°	1602	6	36.6	+42	10.5	8.4	✓
126	+43°	1595	6	36.3	+43	43.1	5.7	✓
127	+41°	1491	6	33.3	+41	25.0	8.5	✓
128	+45°	1281	6	6.6	+45	53.3	7.2	✓
129	+46°	1129	6	9.3	+46 +45	42.3	8.2	✓
130	+42°	1517	6	6.3	+42	44.3	9.2	✓
131	+40°	1638	6	24.7	+40	9.8	8.4	✓
132	+40°	1631	6	23.2	+40	25.2	8.5	✓
133	+44°	1620	6	33.1	+44	32.8	8.4	✓
134	+44°	1408	6	6.3	+44	45.8	8.5	✓
135	+43°	1533	6	18.5	+43	9.4	8.5	✓
136	+43°	1541	6	11.0	+43	9.1	9.1	✓

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Saturday, May 15, 1913.

Time: 10.10

I 3747 & long disp.

No	Int.	Class	Remarks
1	1	F0	
2	2	A	
3	2	A	
4	2	Ao	
5	1	F0	
6	1	F2	
7	3	G0	
8	2	A3	
9	3	F0	
10	4	Ao	
11	6	A3	
12	2	F8	Partly superposed on 11.
13	5	A3	
14	7	F3	
15	3	A5	
16	2	F0	
17	1	A3	
18	2	F5	
19	1	F5	
20	1	K	
21	4	F5	
22	4	G5	
23	3	F0	
24	3	F2	
25	3	F0	
26	1	F2	
27	3	F2	

1	+36°	1659	7	29.6	+36	10.5	8.7 ^✓
2	+37°	1750	7	29.8	+37	18.2	9.1 ^✓
3	+37°	1749	7	29.6	+37	48.9	9.1 ^✓
4	+36°	1665	7	32.0	+36	40.5	9.1 ^✓
5	+35°	1670	7	32.5	+35	48.4	8.8 ^✓
6	+36°	1667	7	32.5	+36	3.9	8.9 ^✓
7	+38°	1813	7	36.1	+38	0.4	8.7 ^✓
8	+38°	1814	7	36.4	+38	34.8	9.0 ^✓
9	+38°	1815	7	36.9	+38	37.2	8.3 ^✓
10	+37°	1772	7	38.2	+37	45.6	8.7 ^✓
11	+36°	1686	7	38.9	+36	58.9	8.1 ^✓
12	+36°	1687	7	38.9	+36	58.2	9.0 ^✓
13	+37°	1779	7	39.9	+37	59.5	8.2 ^✓
14	+38°	1820	7	40.0	+38	22.8	8.0 ^✓
15	+38°	1826	7	42.1	+38	9.9	9.0 ^✓
16	+37°	1782	7	41.5	+37	9.3	8.7 ^✓
17	+36°	1693	7	42.0	+36	37.2	9.2 ^✓
18	+37°	1791	7	43.9	+37	48.1	9.2 ^✓
19	+38°	1830	7	43.5	+38	5.3	9.1 ^✓
20	+37°	1790	7	43.7	+37	54.0	9.2 ^✓
21	+38°	1835	7	45.2	+38	12.6	8.4 ^✓
22	+38°	1834	7	45.0	+38	28.5	8.3 ^✓
23	+38°	1836	7	45.6	+38	35.1	8.0 ^✓
24	+38°	1832	7	44.1	+38	54.4	8.1 ^✓
25	+37°	1803	7	47.0	+37	46.4	8.9 ^✓
26	+37°	1805	7	47.4	+37	50.8	8.7 ^✓
27	+37°	1802	7	46.7	+37	3.4	9.1 ^✓

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Saturday, Mar. 15, 1913.

$\Delta\alpha = 37^{m}4$ δ long disp.

No.	Int	Class	Remark
.28	5	F0	
.29	2	G5	
.30	3	F0	
.31	1	A2	
.32	3	A0	
.33	1	G	
.34	2	F8	
.35	1	F8	
.36	2	A2	
.37	2	K5	
.38	4	F2	
.39	3	F0	
.40	1	F5	
.41	4	K0	
.42	4	F2	
.43	8	A2	
.44	6	F5	
.45	5	K0	
.46	3	F8	
.47	8	F2	
.48	7	G0	
.49	3	K2	
.50	1	F8	
.51	4	F0	
.52	3	A3	
.53	1	K	E.
.54	2	K0	

28 +37°	1804	7	47.2	+37	16.7	8.3 ∧✓
29 +36°	1712	7	46.1	+36	20.3	8.5 ∧✓
30 +36°	1714	7	46.3	+36	22.0	8.6 ∧✓
31 +36°	1718	7	47.2	+36	17.2	9.3 ∧✓
32 +37°	1809	7	48.6	+37	17.2	9.2 ∧✓
33 +37°	1807	7	48.5	+37	34.5	9.2 ∧✓
34 +36°	1725	7	50.4	+36	41.7	8.6 ∧✓
35 +35°	1727	7	51.1	+35	59.7	9.0 ∧✓
36 +35°	1728	7	52.2	+35	1.2	8.6 ∧✓
37 +35°	1741	7	54.5	+35	48.3	8.5 ∧✓
38 +35°	1744	7	55.2	+35	15.4	8.3 ∧✓
39 +34°	1741	7	56.5	+34	58.9	8.7 ∧✓
40 +35°	1749	7	56.8	+35	4.3	8.6 ∧✓
41 +35°	1754	7	57.6	+35	10.7	7.8 ∧✓
42 +34°	1745	7	57.4	+34	18.6	8.3 ∧✓
43 +34°	1753	7	59.0	+34	27.9	7.2 ∧✓
44 +33°	1644	7	58.0	+33	40.3	7.8 ∧✓
45 +33°	1647	8	0.5	+33	48.0	7.5 ∧✓
46 +33°	1652	8	1.9	+33	55.7	8.4 ∧✓
47 +32°	1690	8	0.3	+32	38.4	6.8 ∧✓
48 +32°	1695	8	2.6	+32	54.6	6.7 ∧✓
49 +32°	1683	7	57.9	+32	50.7	8.2 ∧✓
50 +32°	1681	7	57.5	+32	35.5	8.8 ∧✓
51 +32°	1677	7	56.7	+32	50.3	8.1 ∧✓
52 +32°	1672	7	56.2	+32	22.8	8.5 ∧✓
53 +31°	1726	7	56.5	+31	43.3	8.1 ∧✓
54 +32°	1667	7	53.5	+32	34.5	8.4 ∧✓

cards made out.

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Saturday, Mar 15 1913.
=3748 long disp.

No	Int.	Class	Remark
55	4	F8	
56	2	G5	
57	7	F5	
58	2	F2	
59	7	A2	
60	5	A5	
61	2	F5	
62	5	K0	
63	9	F8	
64	x	F0	
65	3	A0	
66	7	F0	
67	3	F5	
68	7	G0	
69	3	K2	
70	2	G0	
71	3	G5	Focus prov.
72	3	G0	E.
73	2	F5	
74	2	K2	E.
75	3	A0	E.
76	2	K2	E.
77	4	K0	E.
78	2	K2	E.
79	2	F8	E.
80	2	F5	
81	1	K0	

55	+31°	1735	7	58.5	+31	58.4	7.7	^ v
56	+37°	1818	7	53.7	+37	46.4	8.8	^ v
57	+37°	1819	7	53.9	+37	32.6	6.5	^ v
58	+37°	1822	7	56.4	+37	17.4	5.8	^ v
59	+36°	1746	7	58.3	+36	39.4	7.7	^ v
60	+36°	1745	7	58.3	+36	3.3	7.7	^ v
61	+36°	1749	7	58.6	+36	27.1	8.6	^ v
62	+36°	1752	8	0.2	+36	7.9	7.2	^ v
63	+35°	1767	8	0.7	+35	54.4	6.5	^ v
64	+35°	1771	8	1.5	+35	7.8	8.6	^ v
65	+39°	2048	7	57.3	+39	1.4	8.2	^ v
66	+38°	1861	7	58.2	+38	59.6	6.8	^ v
67	+38°	1865	7	58.7	+38	56.4	7.0	^ v
68	+39°	2066	8	1.7	+39	9.8	6.5	^ v
69	+38°	1866	7	58.8	+38	16.8	7.7	^ v
70	+37°	1828	7	59.8	+37	59.6	8.5	v ^ mags. 9.0
71	+38°	1870	7	59.8	+38	17.2	8.7	+38° 1869 superposed
72	+37°	1831	8	1.0	+37	45.4	8.1	^ v
73	+36°	1757	8	1.4	+36	20.1	8.6	^ v
74	+35°	1776	8	2.6	+35	46.1	8.3	^ v
75	+35°	1777	8	4.0	+35	2.9	8.4	^ v
76	+34°	1772	8	3.3	+34	54.1	8.4	^ v
77	+34°	1781	8	5.2	+34	23.5	7.3	^ v
78	+35°	1781	8	4.9	+35	48.8	8.8	^ v
79	+35°	1784	8	5.3	+35	52.4	8.7	^ v
80	+35°	1761	7	59.4	+35	18.3	8.8	^ v
81	+35°	1760	8 7	59.1	+35	44.5	8.8	^ v

cards made out.

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Saturday, Mar. 15 1913.

= 37 47 long disp.

No.	Int.	Class	Remark
82	1	fg	
83	1	fg	
84			
85			
86			
87			

Time: 10.33

cont. 134, 16

82 + 36°	1732	7	58.2 + 36	33.7	9.0 1✓
83 + 36°	1733	7	53.4 + 36	28.8	8.7 1✓

Identified by ANM. July 2, 1913

Checked Oct 11 1913 LAW

Cards made out by E.R.B.

Cards checked by E. H. G.

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Saturday, Mar. 15, 1913

Iesme 10.36

I 37463 long disp

Nr.	Int.	Class	Remark
1	3	g_5	E.
2	6	g_0	E.
3	3	G_2	E.
4	1	A	E.
5	8	A_0	
6	1	F_5	
7	2	F_5	
8	3	K_1	Another star superposed?
9	2	F_5	
10	6	g_0	
11	7	A_2	
12	2	K_5	
13	1	K_0	
14	6	g_5	
15	1	F_8	
16	7	M_{2a}	
17	1	K_1	
18	5	A_0	
19	8	A_5	
20	3	Neb	E.
21	4	A_2	E.
22	2	A_1	E.
23	8	K_2	E.
24	5	A_0	
25	3	F_5	
26	1	K_1	
27	1	M_{2a}	

1	+38°	1771	7	20.1	+38	45.0	7.7	✓
2	+38°	1773	7	20.7	+38	28.9	6.8	✓
3	+39°	1955	7	20.2	+39	36.8	8.3	✓
4	+38°	1775	7	22.1	+38	48.5	8.8	✓
5	+39°	1958	7	22.1	+39	11.6	7.0	✓
6	+39°	1962	7	22.9	+39	19.8	8.5	✓
7	+39°	1971	7	24.2	+39	0.3	8.5	✓
8	+40°	1894	7	25.4	+40	1.0	8.4	✓
9	+40°	1896	7	25.5	+40	30.4	8.5	✓
10	+40°	1892	7	25.3	+40	48.8	7.3	✓
11	+41°	1683	7	24.8	+41	10.8	7.6	✓
12	+41°	1680	7	23.7	+41	28.3	7.9	✓
13	+41°	1686	7	25.3	+41	46.6	8.8	✓
14	+41°	1691	7	27.3	+41	10.6	7.8	✓
15	+40°	1900	7	26.6	+40	27.4	8.9	✓
16	+40°	1903	7	27.4	+40	20.5	6.8	✓
17	+40°	1902	7	27.2	+40	4.1	8.7	✓
18	+39°	1978	7	27.6	+39	11.2	7.8	✓
19	+39°	1979	7	28.0	+39	11.2	7.3	✓
20	+38°	1798	7	28.4	+38	34.2	7.6	✓
21	+38°	1802	7	29.0	+38	39.6	8.2	✓
22	+39°	1983	7	29.6	+39	7.5	8.6	✓
23	+38°	1803	7	30.5	+38	40.4	5.9	✓
24	+39°	1988	7	31.4	+39	32.0	7.8	✓
25	+40°	1916	7	30.5	+40	7.2	8.8	✓
26	+39°	1987	7	31.0	+39	59.6	8.2	✓
27	+40°	1915	7	30.4	+40	30.0	8.9	✓

Cards made out

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Saturday Nov. 15, 1913.

I 37463 Many anfs.

No.	Int	Class	Remark
28	6	Ly5	
29	10	Ao	
30	5	F8	
31	7	F5p	Ly band not seen. H = 1.5 H
32	3	F5	
33	1	A3	
34	2	K0	
35	4	K0	
36	8	F8	
37	7	F0	
38	2	Mb	
39	1	Ao	
40	1	A2	
41	1	K0	Another star superposed at south.
42	3	K0	
43	2	Ly5	
44	1	Ly5	
45	5	F2	
46	4	A2	Partly superposed on 45.
47	2	K0	
48	5	F2	
49	5	K2	
50	7	A5	
51	1	Ao	
52	6	Ma	
53	1	Ly5	
54	1	F5	

+42° 1744 probably same object but H & K of +41° 1744 on K of 1765 — cannot measure satisfactorily.

28	+40°	1911	7	29.5	+40	59.1	7.3	✓
29	+41°	1699	7	30.2	+41	29.5	6.6	✓
30	+42°	1742	7	28.2	+42	47.3	7.3	✓
31	+42°	1745	7	28.7	+42	46.3	7.5	✓ magn. 7.5 +42° 1744 superposed
32	+42°	1746	7	30.1	+42	24.4	8.4	✓
33	+42°	1749	7	31.3	+42	11.0	9.0	✓
34	+41°	1705	7	32.0	+41	49.1	8.1	✓
35	+41°	1717	7	35.0	+41	31.8	8.0	✓
36	+39°	1998	7	35.1	+39	55.5	6.8	✓
37	+39°	2001	7	35.9	+39	53.4	7.4	✓
38	+39°	1996	7	34.4	+39	10.9	7.7	✓
39	+38°	1805	7	31.1	+38	16.2	9.1	✓
40	+38°	1806	7	31.9	+38	28.8	8.8	✓
41	+39°	1992	7	33.3	+39	45.3	9.2	✓
42	+41°	1728	7	38.5	+41	57.5	8.0	✓
43	+41°	1731	7	39.5	+41	49.5	8.7	✓
44	+41°	1735	7	41.9	+41	39.1	8.5	✓
45	+41°	1737	7	42.3	+41	30.5	8.4	✓
46	+41°	1738	7	42.4	+41	28.1	8.8	✓
47	+41°	1740	7	42.5	+41	58.8	8.0	✓
48	+41°	1742	7	43.9	+41	23.2	8.4	✓
49	+42°	1780	7	44.6	+42	9.9	7.5	✓
50	+42°	1782	7	45.1	+42	21.3	7.8	✓
51	+40°	1951	7	41.8	+40	40.7	8.9	✓
52	+40°	1949	7	40.4	+40	7.9	7.0	✓
53	+39°	2009	7	38.9	+39	39.4	8.7	✓
54	+38°	1822	7	41.0	+38	52.9	8.8	✓

cards made out

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Saturday, Mar. 15, 1913.
I 37463 long disp.

No.	Int.	Class	Remark
55	1	F5	Party superposed on 54
56	4	A3	
57	8	F0	
58	5	K2	
59	7	A2	
60	9	A2	
61	3	F5	
62	3	K0	
63	1	K5	
64	3	G0	Another star superposed?
65	3	F5	
66	3	F8	
67	1	K0	
68	1	K5	
69	1	G	
70	2	F5	
71	1	A3	
72	2	F2	
73	1	F2	
74	1	A2	
75	1	K5	
76	1	A0	
77	6	G5 E.	
78	7	K0 E.	
79	7	G5 E.	
80	9	A0	
81	3	G0	

Time: 10.47
Mar. 17.918
Time: 9.30

55	+38°	1823	7	41.0	+38	57.0	8.8	✓
56	+39°	2017	7	41.6	+39	10.9	8.4	✓
57	+39°	2018	7	42.9	+39	54.0	7.4	✓
58	+39°	2022	7	43.6	+39	50.3	7.7	✓
59	+40°	1958	7	45.2	+40	4.2	8.0	✓
60	+39°	2031	7	46.1	+39	40.4	7.0	✓
61	+40°	1961	7	45.5	+40	44.3	8.3	✓
62	+40°	1964	7	45.8	+40	40.6	7.8	✓
63	+40	1965	7	46.2	+40	50.8	8.9	✓
64	+41°	1755	7	47.0	+41	26.6	8.2	✓
65	+41°	1756	7	47.2	+41	32.1	8.4	✓
66	+41°	1758	7	48.0	+41	22.1	8.2	✓
67	+42°	1790	7	49.4	+42	10.7	8.5	✓
68	+42°	1791	7	49.4	+42	41.2	8.8	✓
69	+42°	1795	7	50.8	+42	32.2	9.2	✓
70	+43°	1766	7	54.9	+43	11.2	8.8	✓
71	+41°	1766	7	50.9	+41	21.2	9.3	✓
72	+41°	1777	7	53.9	+41	7.6	9.0	✓
73	+42°	1811	7	57.8	+42	12.9	9.0	✓
74	+41°	1786	7	58.7	+41	54.0	9.1	✓
75	+46°	1343	7	50.3	+46	2.2	8.5	✓
76	+45°	1513	7	48.1	+45	16.1	9.2	✓
77	+40°	1864	7	18.1	+40	56.7	7.4	✓
78	+39°	1945	7	17.5	+39	36.7	7.0	✓
79	+38°	1760	7	17.7	+38	57.0	7.1	✓
80	+41°	1669	7	20.2	+41	9.5	6.7	✓
81	+40°	1876	7	20.9	+40	45.3	8.7	✓

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Monday, May 17, 1913.

I 37463 long exp.

No.	Int.	Class	Remark
82	1	H2	
83	1	H0	
84	1	g5	
85	6	A2	
86	7	H0	
87	3	H0	
88	1	H8	
89	1	A2	
90	4	k3	
91	5	H0	
92	8	H2	
93	3	k0	
94	3	H0	
95	3	H5	
96	1	H	
97	2	H0	
98	6	H2	
99	1	A3	
100	10	H0	
101	1	A0	
102	1	H5	
103	1	H	
104	1	g5	
105	2	H0	
106	2	A0	
107	2	H2	
108	4	H0	

82	+40°	1878	7	21.1	+40	39.3	8.4	✓
83	+40°	1879	7	22.0	+40	45.1	8.6	✓
84	+40°	1881	7	22.9	+40	8.8	8.0	✓
85	+41°	1675	7	21.7	+41	45.5	8.0	✓
86	+42°	1722	7	20.5	+42	11.3	7.0	✓
87	+41°	1670	7	20.2	+41	53.5	7.8	✓
88	+41°	1672	7	20.6	+41	32.8	8.6	✓
89	+41°	1667	7	20.0	+41	30.6	8.8	✓
90	+42°	1720	7	19.8	+42	22.5	8.5	✓
91	+43°	1693	7	18.3	+43	2.3	7.7	✓
92	+43°	1691	7	16.7	+43	32.2	6.7	✓
93	+43°	1697	7	19.7	+43	51.1	8.0	✓
94	+43°	1699	7	20.7	+43	48.8	8.2	✓
95	+42°	1725	7	21.4	+42	55.7	7.3	✓
96	+42°	1726	7	21.7	+42	39.1	9.2	✓
97	+42°	1731	7	23.6	+42	40.5	7.5	✓
98	+42°	1724	7	24.0	+42	23.6	7.4	✓
99	+43°	1710	7	25.5	+43	1.8	9.2	✓
100	+43°	1711	7	25.7	+43	20.3	6.5	✓
101	+43°	1713	7	26.1	+43	4.8	8.9	✓
102	+43°	1702	7	22.7	+43	21.3	8.9	✓
103	+43°	1704	7	23.6	+43	21.3	9.2	✓
104	+43°	1706	7	24.3	+43	24.2	9.0	✓
105	+43°	1707	7	24.6	+43	46.1	8.5	✓
106	+42°	1708	7	24.7	+43	40.7	9.2	✓
107	+44°	1641	7	23.3	+44	47.7	8.2	✓
108	+45°	1451	7	24.1	+45	13.9	7.9	✓

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Sunday, Mar. 17, 1913.

I 37463 long disp.

No.	Int.	Class	Remark
109	7	Ao	
110	5	F2	
111	6	F2	
112	2	K0	
113	2	K2	
114	1	F8	
115	2	A3	
116	6	B9	
117	7	G5	
118	1	G5	
119	2	F2	
120	4	G5	
121	1	K0	
122	3	Ma	
123	1	Ma	
124	1	K	
125	1	G5	
126	1	K0	
127	2	G0	
128	3	A0	
129	3	A0	
130	2	G0	
131	2	G5	
132	4	K0	
133	5	K2	
134	9	A2	
135	2	G0	Pantry superposed on 131.

109	+44°	1648	7	27.1	+44	55.8	7.5	✓
110	+45°	1462	7	27.6	+45	3.1	7.8	✓
111	+45°	1459	7	27.3	+45	24.1	7.5	✓
112	+44°	1650	7	28.0	+44	30.3	8.5	✓
113	+44°	1653	7	28.8	+44	13.6	8.5	✓
114	+43°	1718	7	29.7	+43	38.6	9.0	✓
115	+43°	1719	7	30.3	+43	06.7	9.0	✓
116	+43°	1728	7	33.3	+43	34.4	8.5	✓
117	+44°	1666	7	33.6	+44	7.6	7.0	✓
118	+44°	1663	7	33.2	+44	13.4	8.5	✓
119	+43°	1730	7	34.5	+43	41.6	8.5	✓
120	+43°	1732	7	35.2	+43	21.2	8.0	✓
121	+43°	1733	7	35.6	+43	31.5	8.5	✓
122	+42°	1755	7	34.1	+42	39.2	8.2	✓
123	+42°	1757	7	35.5	+42	25.8	8.6	✓
124	+42°	1758	7	35.5	+42	52.7	8.9	✓
125	+42°	1763	7	37.0	+42	18.4	8.9	✓
126	+42°	1764	7	37.2	+42	24.3	8.5	✓
127	+43°	1736	7	38.2	+43	22.2	8.4	✓
128	+43°	1739	7	39.2	+43	36.6	9.0	✓
129	+43°	1741	7	39.3	+43	28.6	9.0	✓
130	+44°	1680	7	39.9	+44	0.3	8.5	✓
131	+44°	1679	7	39.4	+44	44.3	7.8	✓
132	+45°	1493	7	39.2	+45	12.8	8.1	✓
133	+45°	1496	7	40.2	+45	41.8	8.0	✓
134	+46°	1320	7	40.0	+46	9.0	7.1	✓
135	+44°	1687	7	44.6	+44	23.3	9.0	✓

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Thursday. Mar. 17. 1913.
I 37463 short disp.

Nr.	Int	Class	Remark
136	6	g_5	
137	1	f_0	
138	1	f_0	
139	1	f_2	
140	1	a	
141	1	g_5	The middle of three stars.
142	2	f_2	
143	2	g_0	
144	1	g_0	
145	1	f_5	
146	2	f_5	
147	7	f_0	
148	3	f_5	
149	2	f_2	
150	1	K	
151	2	a_3	
152	1	g_5	
153	3	g_5	
154	1	f_0	
155	1	f_5	The northern of two.
156	1	g	
157	1	g_5	
158	5	f_0	
159	2	a_2	
160	3	f_0	
161	2	f_2	
162	2	f_5	

136	+44°	1688	7	44.7	+44	22.3	8.0	✓
137	+43°	1747	7	45.1	+43	51.4	9.0	✓
138	+44°	1690	7	46.2	+44	33.3	8.8	✓
139	+42°	1781	7	44.7	+42	58.3	8.5	✓
140	+44°	1684	7	42.5	+44	12.4	9.3	✓
141	+43°	1748	7	45.6	+43	41.0	9.1	✓
142	+45°	1466	7	28.6	+45	15.4	8.9	✓
143	+45°	1467	7	29.1	+45	9.4	8.6	✓
144	+44°	1658	7	31.3	+44	28.8	8.8	✓
145	+44°	1660	7	32.3	+44	41.9	8.8	✓
146	+44°	1662	7	33.2	+44	50.3	8.8	✓ +44° 1661 superposed
147	+45°	1480	7	~~33.9~~ 35.4	+45	~~42.5~~ 55.5	~~7.5~~ 8.3	✓
148	+45°	1480	7	35.4	+45	55.5	8.3	✓
149	+45°	1484	7	36.7	+45	35.8	8.5	✓
150	+45°	1487	7	37.0	+45	57.2	8.7	✓
151	+45°	1488	7	~~37.1~~ 37.2	+45	~~7.7~~ 9.0	~~8.5~~ 9.1	✓
152	+45°	1486	7	37.0	+45	0.2	8.5	✓
153	+44°	1670	7	35.4	+44	38.3	8.4	✓
154	+44°	1667	7	35.0	+44	55.3	8.8	✓
155	+44°	1674	7	37.5	+44	37.7	8.7	✓
156	+45°	1471	7	32.2	+45	16.6	8.8	✓
157	+45°	1474	7	33.5	+45	41.2	8.5	✓
158	+46°	1301	7	32.4	+46	9.1	7.8	✓
159	+46°	1304	7	33.7	+46	7.4	8.8	✓
160	+46°	1307	7	36.1	+46	15.7	8.9	✓
161	+46°	1309	7	36.2	+46	27.3	8.5	✓
162	+46°	1316	7	38.8	+46	44.0	8.5	✓

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Thursday, Mar. 17, 1913.

I 37463 long disp.

No.	Int.	Class	Remarks
163	2	Gp	
164	2	F5	
165	8	F5	Almost Mar.
166	1	G5	
167	4	A5	
168	3	Gp	
169	1	F5	
170	3	F0	
171	3	A5	E.
172	4	Bg	E.
173			
174			
175			
176	3.	A5	
177	3	G5	
178	4	F8	
179	9	Ap	4026 appears blue plumpest.
180	3	K0	
181	6	K0	

163	+46°	1317	7	39.4	+46	27.6	8.5	✓
164	+46°	1318	7	39.7	+46	54.9	8.5	✓
165	+46°	1286	7	26.0	+46	29.7	6.0	✓
166	+46°	1288	7	26.5	+46	10.8	8.9	✓
167	+46°	1273	7	28.5	+46	20.9	8.6	✓
168	+45°	1468	7	29.2	+45	59.5	8.3	✓
169	+45°	1470	7	30.1	+45	53.2	8.7	✓
170	+46°	1296	7	30.4	+46	56.9	7.3	✓
171	+46°	1300	7	32.0	+46	50.0	8.0	✓
172	+47°	1477	7	31.7	+47	33.9	8.6	✓

Identified by M. C. W. April 11, 1913.
Checked by AMC. April 14, 1913
cards made out by M. C. W.
Cards checked by AMC.

✓	173	+45°	1444	7	22.1	+45	1	8.6	153 on 237501
✓	174	+40°	1979	7	51.5	+40	48	8.1	44 " 237564
✓	175	+40°	1984	7	52.0	+40	33	7.5	42 " "
✓	176	+43	1770	7	57.1	+43	41.	6.3	19 " "
✓	177	+40	1978	7	51.1	+40	18	7.5	43 " "
✓	178	+40	1989						41 " "

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Monday Mar. 17, 1913.

Time 9.58

I = 37501 long disp.

No	Int.	Class	Remarks
1	4	g_0	E.
2	1	A_2	E
3	3	A_0	E.
4	4	A_0	E.
5	5	F_5	E
6	4	K_0	
7	2	F_5	
8	7	K_0	
9	9	A_0	
10	2	A_0	
11	6	F_5	
12	5	F_0	
13	2	F_5	
14	5	g_5	
15	4	A_2	
16	7	A_0	
17	2	F_5	E.
18	1	A_0	E.
19	7	K_0	E.
20	1	K_0	
21	2	A_2	E.
22	2	A_3	E.
23	1	g_5	
24	5	A_2	
25	5	F_0	
26	7	A_0	
27	6	F_5	

1	+41°	1549	6	44.0	+41	3.6	7.4	✓
2	+40°	1751	6	45.2	+40	47.4	8.3	✓
3	+40°	1753	6	45.4	+40	44.4	7.5	✓
4	+40°	1755	6	45.9	+40	56.4	8.5	✓
5	+40°	1757	6	46.1	+40	43.9	7.0	✓
6	+41°	1557	6	47.6	+41	1.2	7.0	✓
7	+42°	1625	6	46.9	+42	8.2	8.3	✓
8	+41°	1558	6	47.7	+41	53.5	6.6	✓
9	+42°	1629	6	49.0	+42	29.0	6.5	✓
10	+42°	1631	6	49.4	+42	4.6	8.5	✓
11	+42°	1632	6	49.7	+42	3.7	7.6	✓
12	+42°	1633	6	49.8	+42	22.0	7.7	✓
13	+42°	1635	6	50.1	+42	25.5	8.5	✓
14	+42°	1636	6	50.2	+42	16.1	7.8	✓
15	+41°	1564	6	50.2	+41	12.2	8.8	✓
16	+40°	1770	6	50.6	+40	33.4	7.3	✓
17	+40°	1771	6	51.1	+40	13.2	8.0	✓
18	+40°	1781	6	53.4	+40	24.5	8.4	✓
19	+40°	1783	6	53.9	+40	47.9	7.0	✓
20	+40°	1787	6	55.5	+40	32.8	8.5	✓
21	+40°	1788	6	55.9	+40	46	8.7	✓
22	+40°	1791	6	56.8	+40	24.8	8.8	✓
23	+40°	1795	6	57.6	+40	41.3	8.5	✓
24	+41°	1596	6	57.8	+41	1.5	7.8	✓
25	+41°	1595	6	57.8	+41	27.3	8.2	✓
26	+41°	1594	6	57.8	+41	51.7	8.7	✓
27	+42°	1668	6	56.8	+42	10.7	8.3	✓

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Tuesday, May. 17, 1913.
I 37501 long disp.

Nr.	Int.	Class	Remark
28	2	Fk	
29	1	Gs	
30	1	Fk	
31	3	Fo	
32	3	Ao	
33	2	Ao	
34	5	Fk	
35	1	Go	
36	1	Gs	
37	2	Go	
38	4	Ao	
39	1	F	
40	1	A2	
41	2	Gs	
42	4	Go	
43	7	Go	
44	2	Go	
45	2	Go	
46	7	Fo	
47	2	Fs	
48	2	Ao	
49	7	Gs	
50	7	Fo	
51	2	Ao	
52	1	Fs	
53	9	Ao	
54	2	Gs	

28	+41°	1591	6	56.7	+41	30.7	8.0	✓
29	+41°	1590	6	56.5	+41	22.8	8.8	✓
30	+42°	1651	6	54.9	+42	5.1	8.5	✓
31	+42°	1648	6	53.7	+42	26.0	8.8	✓
32	+42°	1647	6	53.3	+42	26.0	9.0	✓
33	+41°	1580	6	53.4	+41	50.8	9.0	✓
34	+41°	1575	6	52.3	+41	50.9	8.0	✓
35	+42°	1639	6	52.1	+42	3.2	8.1	✓
36	+42°	1642	6	52.4	+42	45.3	8.5	✓
37	+43°	1630	6	49.8	+43	10.2	8.7	✓
38	+43°	1631	6	50.2	+43	9.2	8.7	✓
39	+43°	1634	6	51.9	+43	26.8 53.7	9.2 8.9	✓
40	+43°	1638	6	52.1	+43	20.8	9.3	✓
41	+43°	1634	6	51.1	+43	53.1	8.9	✓
42	+44°	1567	6	51.2	+44	4.3	8.3	✓
43	+44°	1569	6	51.5	+44	38.9	7.7	✓
44	+44°	1572	6	52.6	+44	39.0	8.5	✓
45	+44°	1573	6	52.7	+44	57.8	8.8	✓
46	+45°	1383	6	53.5	+45	16.8	7.5	✓
47	+45°	1387	6	55.5	+45	5.0	8.2	✓
48	+44°	1577	6	55.8	+44	50.2	9.2	✓
49	+44°	1584	6	57.7	+44	15.1	7.0	✓
50	+44°	1587	6	58.6	+44	28.9	7.5	✓
51	+44°	1593	6	59.4	+44	33.5	9.0	✓
52	+44°	1594	7	0.5	+44	14.2	9.1	✓
53	+48°	1598	7	1.6	+44	9.4	6.7	✓
54	+44°	1599	7	2.1	+44	14.6	7.8	✓

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Monday, Mar. 17. 1913.
I 37501 long disp.

No.	Int.	Class	Remark
55	2	Ao	
56	2	A3	
57	2	Kp0	
58	2	Kp0	
59	1	A2	
60	1	Kp5	
61	5	Gp0	
62	2	Gp	F2
63	4		
64	1	F8	
65	1	G5	
66	1	F5	
67	5	Kp0	
68	10	A3	
69	1	F5	
70	4	F2	
71	1	Kp0	
72	3	A2	
73	8	Kp0	
74	2	Ao	
75	7	A5	
76	2	A5	
77	2	Kp5	
78	3	A5	
79	5	F2	
80	3	A5	
81	5	G5	

55	+43°	1856	7	1.5	+43	29.2	8.7	✓
56	+43°	1653	7	1.9	+43	1.3	7.0	✓
57	+42°	1678	7	3.9	+42	47.3	8.4	✓
58	+42°	1682	7	4.8	+42	18.1	8.8	✓
59	+41°	1619	7	4.7	+41	58.2	9.5	✓
60	+42°	1685	7	5.5	+42	19.6	8.0	✓
61	+42°	1687	7	5.7	+42	10.7	7.7	✓
62	+41°	1622	7	5.6	+41	37.3	8.1	✓
63	+41°	1618	7	4.2	+41	26.8	8.0	✓
64	+42°	1679	7	3.9	+42	16.0	9.4	✓
65	+42°	1680	7	4.4	+42	2.1	9.1	✓
66	+41°	1624	7	6.6	+41	7.0	8.9	✓
67	+41°	1628	7	7.6	+41	11.6	7.5	✓
68	+41°	1630	7	8.0	+41	7.5	6.0	✓
69	+41°	1631	7	8.2	+41	39.9	8.9	✓
70	+42°	1692	7	8.3	+42	7.1	8.0	✓
71	+42	1690	7	7.7	+42	2.7	8.3	✓
72	+43°	1672	7	8.2	+43	17.3	8.7	✓
73	+42°	1699	7	10.8	+42	54.7	6.5	✓
74	+42°	1703	7	12.3	+42	43.8	9.0	✓
75	+42°	1704	7	12.5	+42	56.5	7.7	✓
76	+42°	1707	7	13.5	+42	34.9	8.6	✓
77	+42°	1712	7	14.6	+42	15.1	7.5	✓
78	+42°	1714	7	15.8	+42	1.7	8.0	✓
79	+42°	1715	7	15.8	+42	25.9	7.6	✓
80	+42°	1713	7	15.2	+42	57.7	8.5	✓
81	+41°	1639	7	11.9	+41	34.8	7.5	✓

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Monday, Mar. 17, 1913.

I 37501 long drift.

No	Int.	Class	Remark
82	7	Ao	
83	4	Ko	
84	9	Ko	
85	2	Ks	
86	2	Ks	
87	2	Ao	
88	1	Ks	
89	4	Ao	E.
90	4	A2	E.
91	7	K0	E.
92	3	F5	E.
93	5	K0	E.
94	5	K5	E.
95	8	K0	E.
96	6	K0	E.
97	10	K2	E.
98	7	F5	
99	1	K5	
10.17 Mar. 18 12.10	100	1	K2
	101	1	K5
	102	4	F0
	103	1	K0
	104	1	G
	105	3	G5
	106	2	F2
	107	1	K2
	108	3	F0

82	+41°	1646	7	13.4	+41	40.2	7.3	✓
83	+40°	1850	7	13.1	+40	58.2	8.1	✓
84	+40°	1852	7	14.1	+40	57.2	5.8	✓
85	+40°	1842	7	12.0	+40	13.7	8.2	✓
86	+40°	1837	7	10.2	+40	10.3	8.2	✓
87	+40°	1838	7	10.6	+40	56.5	8.8	✓
88	+40°	1843	7	12.1	+40	47.6	8.4	✓
89	+39°	1923	7	11.4	+39	20.4	8.3	✓
90	+39°	1926	7	12.2	+39	24.6	8.2	✓
91	+39°	1927	7	12.3	+39	15.8	7.3	✓
92	+39°	1932	7	14.2	+39	24.8	8.2	✓
93	+39°	1945	7	17.5	+39	36.7	7.0	✓
94	+38°	1760	7	17.7	+38	57.0	7.1	✓
95	+39°	1908	7	7.8	+39	9.0	6.6	✓
96	+38°	1731	7	9.0	+38	55.7	7.4	✓
97	+39°	1842	7	1.7	+39	32.9	5.4	✓
98	+40°	1803	7	1.2	+40	17.1	7.7	✓
99	+40°	1817	7	2.4	+40	14.9	8.2	✓
100	+40°	1823	7	6.8	+40	15.0	8.3	✓
101	+41°	1601	6	59.2	+41	51.9	8.1	✓
102	+42°	1643	6	58.0	+42	42.8	8.5	✓
103	+43°	1648	6	59.0	+43	12.8	8.6	✓
104	+43°	1649	6	59.4	+43	31.2	9.0	✓
105	+43°	1644	6	56.6	+43	3.9	8.4	✓
106	+42°	1659	6	57.3	+42	56.4	9.0	✓
107	+44°	1582	6	56.7	+44	39.6	9.2	✓
108	+45°	1388	6	56.6	+45	37.4	8.5	✓

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Tuesday, May. 18, 1913.

I37501 long disp.

No.	Int.	Class	Remark
109	2	A2	
110	5	H0	
111	3	F5	
112	1	H0	
113	3	A5	
114	1	G5	
115	3	F2	
116	3	H0	
117	7	H5	
118	2	G?	Too much superposed on 119.
119	5	A2	
120	7	F2	
121	2	H0	
122	16	F0	
123	5	A3	
124	4	F8	
125	1	H2	Nearly all superposed on 124.
126	2	H0	
127	3	H5	
128	2	G0	
129	5	H0	
130	4	H0	
131	3	G5	
132	2	A0	
133	1	A	
134	1	H2	
135	2	F8	

109	+45°	1393	6.	59.1	+45	10.6	9.1	J
110	+45°	1394	6.7	0.3	+45	28.7	7.5	J
111	+45°	1396	7.	1.1	+45	16.4	8.8	J
112	+45°	1398	7.	2.0	+45	21.6	9.0	J
113	+46°	1236	7.	1.1	+46	14.3	8.9	J
114	+46°	1241	7.	3.8	+46	21.0	9.0	J
115	+46°	1243	7.	5.0	+46	19.1	8.5	J
116	+46°	1248	7.	5.3	+46	19.8	8.2	J
117	+45°	1408	7.	5.1	+45	38.9	7.0	J
118	+45°	1409	7.	5.3	+45	18.2	8.0	J
119	+45°	1410	7.	5.3	+45	27.5	7.8	J
120	+45°	1415	7.	7.5	+45	22.1	7.6	J
121	+45°	1421	7.	9.8	+45	24.6	8.0	J
122	+45°	1422	7.	10.8	+45	29.3	6.0	J
123	+46°	1250	7.	9.3	+46	8.8	8.0	J
124	+46°	1254	7.	11.2	+46	29.9	8.0	J
125	+46°	1255	7.	11.3	+46	29.9	8.0	J
126	+45°	1423	7.	11.8	+45	56.0	8.8	J
127	+46°	1262	7.	13.8	+46	1.1	8.0	J
128	+45°	1424	7.	12.6	+45	15.2	8.6	J
129	+45°	1430	7.	14.4	+45	7.8	7.7	J
130	+44°	1627	7.	16.3	+44	45.3	7.5	J
131	+43°	1664	7.	6.5	+43	48.7	8.3	J
132	+43°	1668	7.	6.9	+43	34.2	9.0	J
133	+43°	1669	7.	7.1	+43	52.5	9.2	J
134	+44°	1610	7.	7.5	+44	50.2	8.8	J
135	+43°	1680	7.	11.8	+43	41.8	8.6	J

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Tuesday, May 14, 1913.
I 37501 long exp.

Ver.	Dist.	Class	Remark
136	1	H2	
137	1	h5	
138	2	H5	
139	1	h	
140	3	H0	
141	4	A3	
142	8	A2	
143	5	H5	
144	2	A0	
145	4	Hd	
146	7	H0	
147	3	h5	
148	4	h5	
149	2	H8	
150	1	h	
151	3	A2	
152	2	h5	
153	3	H	Ei.
154	4	H5	Ei.
155	10	A0	
156	5	A2	
157	1	H2	
158	1	h0	
159	3	A0	
160	4	A0	
161	4	H0	
162	2	H0	

136	+43°	1686	7	14.1	+43	29.2	8.5	√
137	+44°	1622	7	14.2	+44	10.0	9.0	√
138	+44°	1631	7	18.4	+44	16.1	8.8	√
139	+43°	1696	7	19.1	+43	39.9	8.8	√
140	+45°	1433	7	16.8	+45	5~~8~~.0	8.3	√
141	+46°	1266	7	16.2	+46	29.9	8.2	√
142	+46°	1270	7	17.6	+46	48.5	6.5	√
143	+46°	1272	7	17.7	+46	33.9	7.5	√
144	+46°	1276	7	17.8	+46	~~15.3~~ 12.6	~~6.7~~ 6.8	√
145	+46°	1271	7	17.6	+46	15.3	6.7	√
146	+46°	1273	7	18.3	+46	37.8	6.5	√
147	+47°	1452	7	18.7	+47	34.7	7.8	√
148	+46°	1277	7	22.1	+46	49.7	8.0	√
149	+45°	1438	7	20.0	+45	58.5	8.7	√
150	+45°	1436	7	19.0	+45	57.4	9.1	√
151	+45°	1440	7	21.1	+45	37.9	8.3	√
152	+45°	1441	7	21.1	+45	25.0	8.1	√
153	+45°	1444	7	22.1	+45	1.4	8.6	√
154	+46°	1282	7	23.6	+46	27.6	7.3	√
155	+45°	1367	6	47.0	+45	18.6	6.0	√
156	+44°	1554	6	45.8	+44	49.9	8.4	√
157	+44°	1556	6	46.4	+44	51.2	8.3	√
158	+44°	1558	6	47.0	+44	37.9	9.1	√
159	+44°	1560	6	47.7	+44	36.4	9.0	√
160	+44°	1562	6	49.1	+44	43.2	8.5	√
161	+43°	1624	6	47.1	+43	23.8	8.0	√
162	+43°	1625	6	47.1	+43	4.2	8.7	√

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Tuesday, Mar. 18, 1913.

I37501 Lwg dwfs.

Nr.	Int.	Class	Remark
163	1	K	
164	1	A2	
165	1	A2	
166	1	F0	
167	1	A2	
168	3	A3	
169	10	F0	
170	1	F5	
171	7	A3	
172	1	K0	
173	1	A0	
174	2	F0	
175	1	G5	
176	7	A0	
177	1	K0	
178	5	A0	E.
179	3	F5	
180	4	A2	E.
181	2	K2	E.
182	8	A5	E.
183	6	F2	E.
184	10	G0	
185	5	A2	
186	7	A0	E.
187	2	A	E.
188	5	A2	E.
189	1	A	E.

163	+43°	1628	6	48.2	+43	23.0	8.6	✓
164	+43°	1623	6	46.8	+43	58.8	9.2	✓
165	+43°	1622	6	46.6	+43	55.1	9.2	✓
166	+43°	1620	6	45.7	+43	36.7	8.9	✓
167	+43°	1618	6	45.3	+43	24.5	9.3	✓
168	+43°	1616	6	44.6	+43	48.6	9.0	✓
169	+44°	1551	6	44.8	+44	4.7	6.5	✓
170	+44°	1552	6	45.0	+44	32.9	8.1	✓
171	+43°	1615	6	44.4	+43	6.9	7.5	✓
172	+42°	1623	6	46.3	+42	56.7	9.0	✓
173	+42°	1624	6	46.6	+42	44.1	9.1	✓
174	+42°	1628	6	47.8	+42	24.0	9.0	✓
175	+45°	1372	6	49.2	+45	10.3	8.8	✓
176	+46°	1218	6	52.1	+46	10.4	7.7	✓
177	+46°	1222	6	54.6	+46	43.6	8.9	✓
178	+46°	1223	6	54.8	+46	52.9	8.3	✓
179	+47°	1396	6	55.3	+47	17.5	8.2	✓
180	+48°	1478	6	56.8	+48	0.0	8.2	✓
181	+48°	1484	6	0.2	+48	9.8	8.0	✓
182	+47°	1411	6.7	2.4	+47	52.1	6.8	✓
183	+47°	1413	7	2.8	+47	30.8	7.2	✓
184	+47°	1419	7	5.1	+47	30.8	5.7	✓
185	+47°	1420	7	5.6	+47	53.1	7.2	✓
186	+48°	1489	7	5.0	+48	44.2	7.6	✓
187	+48°	1493	7	5.5	+48	27.7	8.5	✓
188	+48°	1500	7	6.4	+48	43.1	7.8	✓
189	+47°	1427	7	7.3	+47	43.7	9.0	✓

cards made out

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Tuesday, March 18, 1913.
D37501 long drift.

Yr	Int.	Class	Remark
190	3	F5	
191	3	G5	
192	4	K0	
193	2	G5	
194	3	A0	
195	1	M	
196	1	M	
197	2	G5	
198	3	K0	
199	6	A0	
Time 12.28	200	4	Neb
	201	4	F0

190	+47°	1428	7	7.6	+47	32.0	8.3	v
191	+47°	1429	7	7.9	+47	23.5	7.8	v
192	+46°	1246	7	6.8	+46	34.4	8.0	v
193	+47°	1432	7	9.2	+47	13.6	7.6	v
194	+47°	1434	7	10.5	+47	11.5	8.5	v
195	+47°	1438	7	12.7	+47	16.6	9.0	v
196	+47°	1439	7	13.1	+47	52.1	8.5	v
197	+47°	1442	7	13.9	+47	15.0	9.0	v
198	+47°	1443	7	14.8	+47	5.7	7.8	v
199	+47°	1449	7	16.4	+47	55.7	7.8	v
200	+48°	1537	7	18.0	+48	12.7	7.2	v

Identified by Mr. C. W. April 18, 1913.
Checked by AMC. April 26, 1913
cards made out by Mr. C. W.

201	+43°	1607	6	41.4	+43	57	8.4	Neb 37438

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Wednesday, Jan. 9, 1913.

Trans: 10.02

I 3738 long disp. 6 32 +47.0

No.	Int.	Class	Remark
1	4	F2	
2	7	F5	
3	2	A2	
4	6	A3	
5	3	F0	
6	3	A0	
7	1	A3	
8	9	K0	
9	2	F5	E.
10	4	K0	
11	3	F5	E.
12	3	A0	E.
13	2	K2	E.
14	8	F0	
15	1	K5	
16	7	K0	
17	3	A0	
18	3	K0	
19	10	B8	
20	4	A0	
21	7	K0	
22	3	A2	
23	1	A	
24	4	A0	Another star superposed? (spirit, look up line)
25	4	F8	
26	7	F5	
27	5	A0	

1	+43°	1600	6	38.3	+43	59.4	8.0	1
2	+43°	1601	6	38.9	+43	54.1	7.6	✓
3	+43°	1604	6	39.9	+43	53.4	8.8	✓
4	+44°	1544	6	40.7	+44	13.1	8.0	✓
5	+43°	1607	6	41.4	+43	50.6	8.4	✓
6	+42°	1613	6	42.3	+42	46.8	7.8	✓
7	+42°	1615	6	42.6	+42	34.4	8.6	✓
8	+41°	1536	6	40.5	+41	58.8	5.2	✓
9	+41°	1546	6	41.6	+41	43.8	7.8	✓
10	+41°	1558	6	47.7	+41	53.5	6.6	✓
11	+42°	1632	6	49.7	+42	3.7	7.6	✓
12	+42°	1633	6	49.8	+42	22.0	7.7	✓
13	+42°	1636	6	50.2	+42	16.1	7.8	✓
14	+45°	1359	6	42.5	+45	1.1	7.0	✓
15	+48°	1552	6	45.0	+48	32.9	8.1	✓
16	+46°	1202	6	44.6	+46	0.3	6.8	✓
17	+45°	1365	6	44.7	+45	49.2	6.4	✓
18	+46°	1201	6	43.3	+46	23.4	8.2	✓
19	+46°	1203	6	45.8	+46	27.9	6.3	✓
20	+46°	1204	6	45.9	+46	43.1	8.0	✓
21	+46°	1205	6	46.2	+46	52.5	6.5	✓
22	+47°	1373	6	46.5	+47	26.9	7.9	✓
23	+46°	1206	6	47.2	+46	47.1	9.2	✓
24	+47°	1381	6	51.1	+47	18.5	8.2	+47° 1382 superposed — magn. 9.1
25	+47°	1386	6	53.0	+47	28.4	7.3	✓
26	+47°	1388	6	53.2	+47	16.5	7.0	✓
27	+48°	1472	6	52.7	+48	6.4	8.0	✓
					Coords	made	out	

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Wednesday, Jan. 19, 1913.
I 37438 long. auto.

Nr.	Int.	Class	Remark
28	8	A	E.
29	2	F8	
30	2	F8	
31	3	A0	
32	1	F	
33	3	A2	E.
34	1	A5	
35	2	G5	
36	5	F0	
37	1	A2	
38	5	K0	
39	5	F2	
40	1	A2	
41	2	A0	
43	1	K5	
43	1	A	
44	1	F	
45	1	A0	
46	3	A2	
47	2	K2	
48	3	G5	
49	1	A3	
50	3	K2	
51	8	A3	
52	3	F2	
53	1	F0	
54	2	F2	

28	+47°	1391	6	54.3	+47	58.3	6.8	✓
29	+47°	1393	6	54.8	+47	40.8	8.4	✓
30	+47°	1396	6	55.3	+47	17.5	8.2	✓
31	+46°	1223	6	54.8	+46	52.9	8.3	✓
32	+46°	1222	6	54.6	+46	43.6	8.9	✓
33	+48°	1478	6	56.8	+48	0.0	8.2	✓
34	+48°	1539	6	39.4	+43	40.3	9.3	✓
35	+45°	1357	6	39.2	+45	52.1	8.8	✓
36	+46°	1192	6	39.3	+46	20.5	7.5	✓
37	+46°	1194	6	39.5	+46	17.8	9.0	✓
38	+46°	1197	6	41.0	+46	41.2	7.5	✓
39	+47°	1355	6	42.0	+47	22.4	8.0	✓
40	+47°	1367	6	43.6	+47	16.5	9.3	✓
41	+47°	1345	6	38.5	+47	24.6	8.7	✓
42	+47°	1346	6	39.1	+47	11.1	8.0	✓
43	+47°	1351	6	40.4	+47	32.5	9.0	✓
44	+47°	1355	6	40.7	+47	32.8	9.0	✓
45	+48°	1433	6	35.9	+48	34.1	9.0	✓
46	+48°	1434	6	36.4	+48	21.8	8.2	✓
47	+48°	1437	6	39.0 36.9	+48	9.7 8.9	8.8 9.3	✓ 1
48	+49°	1551	6	39.8	+49	13.1	8.3	✓
49	+49°	1552	6	41.2	+49	38.6	9.0	✓
50	+49°	1556	6	42.0	+49	41.5	7.7	✓
51	+49°	1568	6	43.7	+49	4.2	7.0	✓
52	+48°	1450	6	44.4	+48	44.3	8.0	✓
53	+48°	1447	6	42.6	+48	39.1	8.5	✓
54	+48°	1448	6	43.0	+48	43.7	9.0	✓

Cards made out

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Wednesday, Mar. 19, 1913.
I 37438 long exp.

No.	Int.	Class	Remark
55	1	K5	
56	7	A0	
57	5	F0	
58	2	K5	
59	2	F0	
60	1	F2	
61	4	A3	
Trace 10.17 62	2	F2	
63	8	K0	
64	4	A0	
65	7	A0	
66	2	G0	
67	2	A0	
68	2	G0	
69	1	F5	
70	1	A	
71	1	A	
72	3	A0	
73	1	K5	
74	4	A0	
75	5	F0	Solar lines strong
76	1	Ka	
77	12	A5	

55	+48°	1449	6	43.2	+48	18.2	9.0	✓
56	+48°	1457	6	47.0	+48	40.8	7.8	✓
57	+48°	1460	6	48.7	+48	48.4	7.5	✓
58	+49°	1572	6	46.4	+49	22.3	8.5	✓
59	+47°	1335	6	34.4	+47	0.3	8.5	✓
60	+48°	1415	6	31.1	+48	46.5	8.7	✓
61	+49°	1543	6	34.7	+49	13.1	8.4	✓
62	+49°	1504	6	20.1	+49	32.7	8.9	✓
63								

Identified by M. C. W. April 16, 1913.
Checked by amc. April 19, 1913
cards made out by M. C. W.

✓ 63	+48°	1436	6	36.6	+48	56	5.5	93 on I37500
✓ 64	+49°	1544	6	36.1	+49	31	8.4	94 " "
✓ 65	+50°	1349	6	35.1	+50	31	7.3	96 " "
✓ 66	+47°	1333	6	33.4	+47	50	8.0	65 " "
✓ 67	+49°	1524	6	29.3	+49	37	8.6	98 " "
✓ 68	+49°	1521	6	27.3	+49	26	8.7	99 " "
✓ 69	+49°	1517	6	24.8	+49	45	8.8	100 " "
✓ 70	+49°	1509	6	22.1	+49	41	8.8	103 " "
✓ 71	+48°	1380	6	13.1	+48	24	8.9	78 " "
✓ 72	+46°	1158	6	22.4	+46	40	8.0	53 " "
✓ 73	+45°	1296	6	13.9	+45	15	8.0	62 " "
✓ 74	+51°	1194	6	18.4	+51	28	8.0	106 74 " "
75	+48°	1402	6	24.7	+48	11	7.8	71 " "
76	+48°	1403	6	24.9	+48	30	8.9	✓
77	+43	1589	6	33.6	+43	49	8.9	61 m McCarthy

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Wednesday, Mar. 19, 1913.

Trans. 10.20

I 37 419 long. diffs. 6 22 + 51.9

No	Int.	Class	Remarks
1	3	78	E.
2	1	45	E.
3	1	45	E.
4	1	40	E.
5	1	48	E.
6	1	7	E.
7	1	H0	
8	1	45	
9	2	F0	
10	1	H0	
11	1	H5	
12	3	A5	
13	2	A3	
14	3	F2	
15	2	F0	
16	1	H2	Has a p. of two.
17	2	F5	
18	1	F8	
19	2	A2	
20	1	H2	
21	1	A	
22	3	H0	
23	1	A	
24	2	A2	
25	5	F0	
26	3	Hd	
27	4	H0	

1	+50°	1269	6m	56.7	+50	35.4	8.2	✓
2	+50°	1271	5m	57.1	+50	45.0	9.0	✓
3	+50°	1275	5m	58.7	+50	10.5	8.5	✓
4	+50°	1281	6m	1.4	+50	37.9	8.7	✓
5	+50°	1285	5m	3.1	+50	49.4	8.8	✓
6	+49°	1464	6m	1.1	+49	58.2	8.3	✓
7	+49°	1478	6m	7.7	+49	41.5	8.2	✓
8	+50°	1302	6m	13.5	+50	38.2	9.4	✓
9	+50°	1304	6m	14.3	+50	10.9	8.9	✓
10	+50°	1301	6m	12.8	+50	5.0	8.9	✓
11	+50°	1296	6m	11.8	+50	28.0	9.0	✓
12	+51°	1188 / 1189	6m	14.3 / 14.7	+51	56.8 / 58.7	8.9 / 7.2	✓ +67 1189 Sup. professed
13	+51°	1190	6m	15.8	+51	58.4	9.3	✓
14	+52°	1070	6m	15.7	+52	38.0	8.6	✓
15	+54°	1024	6m	11.7	+54	6.4	8.9	✓
16	+54°	1021	6m	11.0	+54	8.4	9.0	✓
17	+52°	1058	6m	8.0	+52	25.8	9.0	✓
18	+52°	1043	6m	1.6	+52	56.2	8.8	✓
19	+52°	1042	6m	1.2	+52	45.0	9.0	✓
20	+52°	1035	6m	57.4	+52	25.3	8.5	✓
21	+50°	1310	6m	17.3	+50	36.9	9.2	✓
22	+51°	1211	6m	23.0	+51	11.8	8.0	✓
23	+51°	1214	6m	24.4	+51	24.6	9.2	✓
24	+51°	1216	6m	25.2	+51	32.4	8.5	✓
25	+53°	1099	6m	23.8	+52	5.0	7.7	✓
26	+51°	1220	6m	26.7	+51	18.8	8.0	✓
27	+50°	1329	6m	27.0	+50	39.7	7.9	✓

cards made out

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Wednesday, May 19, 1913.
I 37419 long disp.

No	Int	Class	Remark
28	2	Bg	
29	1	A	
30	1	K0	
31	2	A2	
32	2	G5	
33	1	K5	
34	7	Ao	
35	2	Fo	
36	2	F2	
37	4	Ao	
38	3	F5	
39	1	K0	
40	2	G5	
41	3	A3	
42	2	K0	
43	1	F5	
44	7	F0	
45	3	Gp	
46	6	A3	
47	2	A3	
48	3	K2	
49	3	A3	
50	2	Ao	
51	2	A3	
52	7	F5	
53	4	F5	Nearly all superimposed on 52.
54	3	A2	

28	+50°	1334	6	29.6	+50	15.0	9.0	V
29	+50°	1235	6	30.1	+50	11.5	8.5	✓
30	+50°	1339	6	30.8	+50	26.7	8.6	J
31	+50°	1343	6	31.9	+50	11.5	8.5	✓
32	+50°	1346	6	32.5	+50	17.1	8.2	J
33	+50°	1340	6	31.2	+50	45.4	9.0	J
34	+51°	1229	6	32.6	+51	35.6	7.3	J
35	+52°	1116	6	32.1	+52	15.5	8.9	✓
36	+52°	1121	6	34.1	+52	14.5	9.0	✓
37	+52°	1122	6	34.4	+52	22.4	8.5	✓
38	+51°	1231	6	34.8	+51	58.1	8.2	✓
39	+51°	1235	6	36.1	+51	55.8	8.5	J
40	+52°	1127	6	36.4	+52	23.7	8.8	✓
41	+52°	1128	6	36.8	+52	16.5	8.8	✓
42	+52°	1130	6	37.6	+52	38.0	8.5	✓
43	+52°	1129	6	37.5	+52	54.0	9.0	J
44	+53°	1069	6	38.0	+53	11.0	7.8	✓
45	+53°	1075	6	39.2	+53	8.0	8.7	J
46	+52°	1140	6	41.3	+52	58.3	8.2	J
47	+52°	1141	6	41.7	+52	38.5	8.8	V
48	+52°	1136	6	40.5	+52	8.5	8.0	✓
49	+51°	1239	6	39.3	+51	45.9	8.6	✓
50	+51°	1237	6	37.7	+51	32.1	9.0	J
51	+51°	1247	6	41.4	+51	32.4	9.0	J
52	+51°	1249	6	42.0	+51	40.4	7.5	J
53	+51°	1250	6	42.1	+51	48.1	8.2	✓
54	+50°	1356	6	39.3	+50	17.9	8.8	✓

cards made out

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Wednesday Nov. 19, 1913.

I 37 419 long axis

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

55	+50°	1358	6	40.1	+50	41.9	8.5	✓
56	+50°	1361	6	41.0	+50	50.2	8.5	✓
57	+50°	1363	6	41.3	+50	6.0	9.1	✓
58	+50°	1367	6	43.4	+50	11.4	7.5	✓
59	+50°	1368	6	43.9	+50	45.3	8.2	✓
60	+51°	1258	6	45.6	+51	9.6	8.0	✓
61	+51°	1260	6	47.4	+51	32.1	8.0	✓
62	+52°	1150	6	47.2	+51	3.1	7.7	✓
63	+52°	1152	6	48.2	+52	44.4	6.8	✓
64	+51°	1261	6	47.8	+51	0.6	7.9	✓
65	+53°	1085	6	45.8	+53	1.6	8.5	✓
66	+52°	1149	6	46.1	+52	26.3	9.2	✓
67	+52°	1098	6	23.6	+52	59.0	7.5	✓
68	+53°	1035	6	21.7	+53	44.3	9.0	✓
69	+53°	1038	6	24.7	+53	28.6	9.3	✓
70	+53°	1039	6	25.5	+53	35.2	8.0	✓
71	+53°	1040	6	26.1	+53	38.1	8.8	✓
72	+53°	1041	6	26.3	+53	19.2	9.5	✓
73	+52°	1101	6	25.5	+52	39.0	8.8	✓
74	+52°	1106	6	27.0	+52	24.6	8.6	✓
75	+52°	1105	6	26.9	+52	6.7	8.2	✓
76	+52°	1107	6	27.6	+52	32.2	9.4	✓
77	+52°	1109	6	28.8	+52	6.0	8.5	✓
78	+52°	1112	6	29.3	+52	6.8	7.8	✓
79	+52°	1110	6	28.9	+52	55.7	8.6	✓
80	+53°	1049	6	29.4	+53	31.0	7.6	✓
81	+53°	1051	6	30.6	+53	1.6	9.0	✓

Cards made out

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Wednesday, Mar. 19, 1913.
I 37419 long exp.

No.	Mt.	Class	Remark
82	2	F0	
83	7	F0	
84	4	F5	
85	1	F2	
86	1	A0	
87	3	F0	
88	1	F0	
89	1	F5	
90	1	G	
91	2	F0	
92	4	F2	
93	3	A2	
94	2	F2	
95	5	F2	
96	1	G5	Nearly all superposed on 95.
97	2	Mb	
98	4	G5	
99	4	F0	
100	7	A2	
101	2	A5	
Tohm 10.40	102	4	F0 E.
	103		
	104		
	105		
cf 1	103	4	A2

cmh. 133, 76

82	+53°	1054	6	31.4	+53	1.6	8.5	✓
83	+53°	1056	6	32.5	+53	25.7	6.5	✓
84	+53°	1058	6	33.6	+53	12.9	7.3	✓
85	+52.1°	1118	6	23.0	+52	52.8	8.4	✓
86	+53°	1053	6	31.3	+53	24.2	7.5	✓
87	+53°	1059	6	34.1	+53	46.4	8.5	✓
88	+53°	1063	6	35.3	+53	41.0	8.9	✓
89	+53°	1070	6	38.2	+53	55.8	8.5	✓
90	+54°	1078	6	39.7	+54	21.9	8.5	✓
91	+54°	1079	6	40.7	+54	10.9	8.5	✓
92	+54°	1078	6	33.7	+54	28.7	8.5	✓
93	+54°	1072	6	35.1	+54	29.1	8.8	✓
94	+54°	1060	6	30.8	+54	33.5	8.3	✓
95	+54°	1061	6	31.4	+54	14.7	7.5	✓
96	+54°	1063	6	31.5	+54	7.6	9.0	✓
97	+55°	1109	6	30.8	+55	36.3	8.5	✓
98	+55°	1110	6	31.2	+55	39.9	8.0	✓
99	+55°	1115	6	32.8	+55	41.5	8.1	✓
100	+55°	1097	6	25.6	+55	27.9	7.0	✓
101	+55°	1104	6	27.1	+55	15.7 9.0	8.7 9.0	✓
102	+56°	1140	6	28.8	+56	12.4	7.5	✓

Identified by M. C. W. April 11, 1913.
Checked by AMC. April 12, 1913
cards made out by M. C. W.

✓	103	+49°	1455	5	57.3	+49	57	8.7 102 on I 37428

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Wednesday May 19, 1913.

Time: 10.50 — I 37515 Long disp. 7 4 +50

No.	Int.	Class	Remark
1	2	Ao	
2	1	Ko	
3	2	Fo	
4	3	A2	
5	1	Ko	
6	10	A3	
7	2	A3	
8	1	K5	
9	7	Fo	
10	1	Ao	
11	1	Ko	
12	16	Ao	
13	7	B9	
14	3	A2	
15	2	A2	
16	2	G5	Auriga star superposed on pos. side.
17	9	B8	
18	5	A2	
19	3	A2	
20	1	F5	
21	9	F5	
22	3	F5	
23	3	G5	
24	2	Ma	
25	5	Ao	
26	2	F2	
27	2	Go	

		1233	6	59.8	+46	1.2	8.4	
1	+49°	+439	7	+13.1	+47	-52.1	8.5	✓
2	+48°	1507	7	7.8	+48	22.6	8.0	✓
3	+48°	1513	7	9.3	+48	35.0	8.9	✓
4	+48°	1501	7	6.8	+48	42.1	8.8	✓
5	+49°	1613	7	7.7	+49	4.2	8.7	✓
6	+49°	1612	7	7.5	+49	42.4	8.3	✓
7	+49°	1615	7	8.4	+49	55.1	8.4	✓
8	+50°	1418	7	10.7	+50	3.0	8.5	✓
9	+50°	1420	7	11.2	+50	28.2	7.2	✓
10	+50°	1426	7	13.5	+50	10.3	8.8	✓
11	+49°	1621	7	14.3	+49	56.1	8.3	✓
12	+49°	1623	7	15.8	+49	30.1	4.5	✓
13	+48°	1522	7	15.0	+48	49.6	7.7	✓
14	+48°	1528	7	16.3	+48	20.7	8.0	✓
15	+48°	1532	7	16.8	+48	6.9	9.0	✓
16	+48°	1534	7	17.6	+48	22.0	7.5	+48° 1534 magn. 7.8 disperformed
17	+48°	1538	7	18.1	+48	28.9	6.0	✓
18	+49°	1633	7	19.7	+49	10.2	7.5	✓
19	+49°	1632	7	19.4	+49	31.9	8.3	✓
20	+49°	1631	7	19.0	+49	28.2	8.5	✓
21	+49°	1630	7	19.0	+49	57.4	6.0	✓
22	+50°	1436	7	19.3	+50	16.2	8.0	✓
23	+50°	1437	7	19.6	+50	14.3	7.8	✓
24	+50°	1439	7	20.0	+50	20.5	7.8	✓
25	+50°	1441	7	20.9	+50	26.0	8.0	✓
26	+50°	1431	7	17.6	+50	40.8	8.3	✓
27	+50°	1432	7	18.0	+50	29.2	8.3	✓
					cards	Made	out	

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Wednesday, March 19, 1913.
I 37515 long exp.

No.	Int.	Class	Remark
28	8	A5	
29	3	A3	
30	1	A	E.
31	1	F	E.
32	1	A2	
33	1	F5	
34	4	F6	
35	6	A2	
36	4	F0	
37	1	G	
38	2	G5	Another star superposed at north
39	1	A	
40	5	F0	
41	1	A2	
42	2	A0	
43	3	A2	
44	4	A0	
45	2	G5	
46	5	Ma	
47	2	G0	
48	1	K0	
49	4	F0	
50	1	K0	
51	8	Ma	
52	1	G5	
53	4	K0	
54	6	F0	

10.58
Mar. 20, 1913
9.30

28	+52°	1217	7	19.7	+52	16.7	7.0	V
29	+51°	1324	7	20.2	+51	49.6	8.5	V
30	+50°	1372	6	45.6	+50	2+.3	9.0	V
31	+50°	1375	6	46.0	+50	5.0	8.9	V
32	+49°	1379	6	49.4	+49	34.8	9.0	V
33	+50°	1381	6	57.0	+50	1.6	8.5	V
34	+50°	1382	6	57.1	+50	17.3	8.5	V
35	+50°	1383	6	57.3	+50	57.8	8.5	V
36	+51°	1276	6	52.7	+51	28.6	7.7	V
37	+50°	1384	6	51.5	+50	29.3	9.0	V
38	+49°	1385	6	52.6	+49	19.5	8.4	V
39	+49°	1386	6	53.4	+49	38.5	9.0	V
40	+49°	1390	6	55.9	+49	40.8	7.5	V
41	+49°	1393	6	56.8	+49	42.4	8.9	V
42	+50°	1396	6	57.6	+50	48.3	9.1	V
43	+50°	1392	6	56.5	+50	31.3	8.5	V
44	+50°	1397	6	59.2	+50	9.4	8.0	V
45	+50°	1399	7	0.0	+50	7.9	7.5	V
46	+50°	1401	7	0.9	+50	1.0	7.0	V
47	+49°	1400	7	1.2	+49	26.3	8.5	V
48	+50°	1404	7	2.2	+50	10.3	8.6	V
49	+50°	1405	7	2.5	+50	48.0	8.2	V
50	+50°	1408	7	5.0	+50	20.7	8.3	V
51	+51°	1295	7	2.1	+51	39.0	6.0	V
52	+51°	1298	7	2.8	+51	36.8	8.4	V
53	+51°	1313	7	4.2	+51	40.7	7.5	V
54	+52°	1184	7	3.3	+52	47.1	7.0	V

cards made out

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Thursday, May 30, 1913.

I 37515 long. disp.

No.	Int.	Class	Remark
55	3	Ly5	
56	8	Ja0	
57	4	A0	
58	4	Ja8	
59	3	Ja8	
60	1	A5	
61	2	Jf2	
62	2	Ja2	
63	1	Ja0	
64	4	Ja5	
65	3	Jf2	
66	1	Jf	
67	1	Ja5	
68	7	Ja3	
69	6	A0	
70	2	Ly5	
71	2	Ly0	
72	6	Ja0	
73	1	Ly	
74	2	A3	
75	3	Ja5	
76	1	Ly0	
77	3	Ja0	
78	3	Ja8 E.	
79	6	Ja5 E.	
80	8	A3 E.	
81	5	A3	

12.9.35
10.12

cut on 10.14

55	+52°	1186	7	5.2	+52	17.6	7.7	V
56	+52°	1188	7	6.2	+52	22.1	6.2	V
57	+51°	1307	7	6.4	+51	54.3	8.3	/
58	+51°	1309	7	8.1	+51	44.6	7.7	V
59	+52°	1192	7	8.1	+52	12.2	8.0	✓
60	+52°	1194	7	9.3	+52	4.5	8.7	V
61	+52°	1195	7	9.5	+52	30.9	8.2	✓
62	+52°	1196	7	10.2	+52	30.4	8.6	V
63	+52°	1197	7	10.7	+52	14.7	8.5	V
64	+52°	1200	7	11.8	+52	32.4	7.8	V
65	+53°	1138	7	11.2	+53	7.2	8.0	V
66	+52°	1203	7	13.2	+52	58.8	8.9	V
67	+52°	1204	7	13.5	+52	39.7	9.1	V
68	+52°	1205	7	13.6	+52	9.8	6.1	V
69	+51°	1411	7	7.2	+50	45.2	7.8	V
70	+51°	1314	7	11.0	+51	33.3	8.9	V
71	+52°	1212	7	16.5	+52	38.2	8.7	/
72	+51°	1327	7	22.7	+51	36.8	6.5	V
73	+51°	1328	7	23.4	+51	56.3	8.1	V
74	+52°	1223	7	23.3	+52	14.3	8.4	V
75	+52°	1224	7	24.3	+52	30.4	8.2	V
76	+52°	1227	7	26.0	+52	30.9	8.5	V
77	+52°	1232	7	27.9	+52	52.9	7.3	V
78	+52°	1231	7	27.2	+52	10.2	7.7	V
79	+50°	1452	7	28.3	+50	50.1	7.2	V
80	+49°	1653	7	27.1	+49	5.4	6.4	V
81	+48°	1848	7	23.9	+48	30.0	7.0	

Cards made out

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Thursday, Nov. 20 1913

Time 9.5h

H 38239 long disp.

No	Int.	Class	Remark
1	5	Ma	
2	2	K2	
3	1	K5	? Perhaps Ma.
4	2	A2	
5	1	K2	
6	3	A0	
7	2	K5	
8	1	A	Nearly all superposed on 7.
9	3	K8	
10	2	K5	
11	1	G0	
12	3	G5	
13	1	K2	
14	1	F0	
15	3	K0	
16	1	K2	
17	1	G5	
18	1	K5	
19	3	F2	
20	3	F0	
21	3	K0	
22	3	F2	
23	6	G5	
24	1	F0	
25	1	A0	
26	2	G5	
27	4	F0	

1	+60°	931	5	58.2	+60	28.5	6.9	J
2	+59°	949	5	58.3	+59	51.7	7.8	J
3	+59°	950	6	0.0	+59	53.7	8.8	J
4	+59°	955	6	4.1	+59	22.1	8.9	J
5	+61°	871	6	4.9	+61	4.3	8.9	J
6	+62°	831	6	4.7	+62	14.3	8.9	J
7	+62°	833	6	7.9	+62	27.4	8.1	J
8	+62°	834	6	7.9	+62	16.0	8.9	J
9	+62°	835	6	8.9	+62	9.5	7.3	J
10	+61°	873	6	7.4	+61	28.9	8.8	J
11	+58°	914	6	5.8	+58	47.1	9.0	J
12	+58°	925	6	13.9	+58	29.0	8.0	J
13	+58°	926	6	14.1	+58	52.0	8.0	J
14	+59°	985	6	18.5	+59	36.0	7.2	J
15	+58°	936	6	20.2	+58	50.6	9.0	J
16	+59°	989	6	20.4	+59	0.9	8.2	J
17	+59°	991	6	21.0	+59	33.3	8.7	J
18	+59°	994	6	21.6	+59	18.1	8.5	J
19	+60°	979	6	22.6	+60	1.2	8.4	J
20	+59°	995	6	22.7	+59	53.2	8.4	J
21	+58°	942	6	23.6	+58	54.5	8.0	J
22	+58°	948	6	26.4	+58	35.9	8.7	J
23	+58°	949	6	27.2	+58	12.3	8.1	J
24	+59°	1002	6	28.0	+59	2.4	9.0	J
25	+58°	951	6	28.0	+58	33.4	9.1	J
26	+58°	955	6	30.4	+58	25.4	8.6	J
27	+58°	957	6	30.5	+58	25.1	8.6	J

Cards made out

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Thursday, Mar. 20, 1913.
I 38239 long drift.

No.	Int	Class	Remark
28	3	Ho	
29	2	Ho	
30	1	A2	
31	1	Ho	
32	2	A3	
33	8	A0	
34	7	A5	
35	4	Ma	
36	4	A2	
37	3	F8	
38	2	A0	
39	2	A2	
40	1	A	
41	1	Ho	
42	2	K2	
43	3	Fo	Batty superposed on 44.
44	4	F8	
45	2	A0	
Time 10.05 46	4	F8	
47			
48			
49			
50			
51			
52			
53			
54			

cmb. 133, 84

28	+58°	959	6	31.0	+58	36.3	8.8	V
29	+58°	962	6	32.2	+58	20.8	8.5	✓
30	+58°	960	6	31.7	+58	4.3	9.0	✓
31	+58°	954	6	30.4	+58	7.9	8.7	✓
32	+57°	995 998	6	30.7 38.8	+57	28.9 25.7	9.0	✓
33	+56°	1139	6	28.4	+56	59.8	8.6	✓
34	+56°	1143	6	30.6	+56	49.2	8.0	✓
35	+57°	1001	6	32.1	+57	3.3	7.2	✓
36	+57°	1000	6	32.0	+57	13.8	8.6	✓
37	+56°	1149	6	32.2	+56	0.2	8.3	✓
38	+56°	1137	6	26.1	+56	0.6	8.7	✓
39	+56°	1137 1133	6	23.2 23.7	+56	56.2 57.2	8.3 8.2	✓
40	+56°	1129	6	20.0	+56	38.1	9.1	✓
41	+55°	1082	6	18.2	+55	54.6	8.5	✓
42	+55°	1083	6	18.3	+55	46.9	7.7	✓
43	+54°	1042	6	20.2	+54	52.1	8.1	✓
44	+54°	1043	6	20.4	+54	56.5	7.8	✓
45	+54°	1076	6	38.1	+54	24.5	8.8	✓
46	+54°	1077	6	39.3	+54	34.6	7.8	✓

Identified by Mr. C. W. June 23, 1913.
Checked by A.M.C. June 24, 1913
cards made out by Mr. C. W.

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Thursday, May 30, 1913.

I 37515 long disp. (cont. fr. pg. 68)

No.	Int.	Class	Remark
82	7	Fo	
83	2	go	
84	2	Ao	
85	1	ly	E.
86	3	Go	E.
87	2	ly5	E.
88	8	ly5	E.
89	2	A3	E.
90	2	F2	E.
91	2	A2	
92	4	F0	
93	1	A3	
94	1	ly5	
95	1	F5	
96	9	A2	
97	2	F0	
98	2	A5	
99	1	ly	
100	1	ly	
101	3	F8	
102	2	F5	
103	2	F8	
10.22 104	1	ly	
105			
106			
107			
108			

~~Cont. 137, 84~~

Cont. 133, 189

82	+48°	1549	7	24.3	+48	59.5	7.0	✓
83	+49°	1645	7	25.1	+49	19.4	8.3	✓
84	+48°	1551	7	24.9	+48	42.4	8.5	✓
85	+48°	1553	7	26.5	+48	21.7	8.9	✓
86	+48°	1555	7	27.6	+48	5.1	7.4	✓
87	+48°	1559	7	28.8	+48	18.2	8.3	✓
88	+48°	1561	7	30.5	+48	27.7	5.8	✓
89	+51°	1340	7	30.2	+51	47.6	8.3	✓
90	+52°	1235	7	29.9	+52	49.0	8.6	✓
91	+52 1/2°	1268	6	50.6	+52 1/2	28.6	8.6	✓
92	+52 1/2°	1270	6	50.9	+52 1/2	45.6	7.8	✓
93	+52 1/2°	1264	6	49.7	+52 1/2	56.5	8.8	✓
94	+52 1/2°	1265	6	50.0	+51	56.8	8.1	✓
95	+52°	1159	6	53.0	+52	5.8	9.0	✓
96	+52°	1165	6	54.1	+52	57.1	6.7	✓
97	+52°	1160	6	53.4	+52	57.0	9.0	✓
98	+53°	1101	6	55.3	+53	15.8	8.5	✓
99	+52°	1171	6	56.8	+52	54.5	8.5	✓
100	+52°	1173	6	58.0	+52	16.8	8.5	✓
101	+51°	1288	6	59.2	+51	59.0	8.2	✓
102	+51°	1283	6	57.2	+51	35.9	7.8	✓
103	+53°	1144	7	15.5	+53	29.5	8.4	✓
104	+53°	1149	7	17.2	+53	28.6	8.9	✓

Identified by M. C. W. April 9. 1913.
Checked by ANC. April 12, 1913
cards made out by M. C. W.
Cards checked by ANC.

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Thursday, June 20, 1913.

Time: 10.50

I 38188 long disp 8 4 +52

Nr.	Int.	Class	Remark
1	3	J0	
2	2	J2	
3	2	J0	
4	1	G0	
5	2	G5	
6	2	J5	
7	4	A2	
8	1	K	
9	1	G0	
10	3	J2	
11	1	J8	
12	3	A2	
13	1	G5	
14	2	J5	
15	2	J0	
16	2	J8	
17	4	J0	
18	2	J8	
19	4	A2	
20	10	A0	
21	4	J8	
22	1	G5	
23	2	J0	
24	1	J5	
25	3	A0	
26	5	J8	
27	1	G0	

1	+50°	1480	7	41.4	+50	0.6	7.5	J
2	+50°	1482	7	42.3	+50	38.7	8.5	V
3	+50°	1485	7	43.9	+50	9.4	7.5	J
4	+49°	1684	7	45.0	+49	39.5	8.8	J
5	+49°	1287	7	46.0	+49	58.8	8.5	J
6	+49°	1683	7	44.5	+49	3.8	8.8	J
7	+49°	1493	7	48.2	+49	53.7	8.0	J
8	+50°	1494	7	47.4	+50	15.0	8.5	J
9	+50°	1495	7	47.5	+50	38.3	8.7	J
10	+50°	1498	7	48.5	+50	43.8	7.5	J
11	+51°	1381	7	49.6	+51	3.3	8.5	J
12	+51°	1375	7	47.2	+51	43.9	8.0	J
13	+52°	1268	7	49.8	+52	6.1	8.9	J
14	+51°	1384	7	53.8	+51	19.7	8.3	J
15	+50°	1505	7	54.0	+50	38.9	8.0	J
16	+50°	1508	7	56.3	+50	19.0	8.0	J
17	+50°	1511	7	57.3	+50	33.4	7.1	J
18	+51°	1392	7	58.2	+51	43.5	8.2	J
19	+51°	1392	7	58.2	+51	43.5	8.2	J
20	+51°	1391	7	57.6	+51	55.3	8.1	J
21	+52°	1282	7	59.7	+52	33.0	7.5	J
22	+52°	1283	8	0.1	+52	12.5	8.7	J
23	+52°	1285	8	0.4	+52	11.2	8.2	J
24	+52°	1285	8	0.9	+52	11.2	8.4	J
25	+52°	1288	8	2.5	+52	11.2	8.8	J
26	+50°	1517	8	1.9	+50	25.8	7.7	J
27	+50°	1516	8	1.2	+50	0.5	9.0	J

Cards made out

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Thursday Nov 30 1913.
I 38188 long disp.

No.	Int	Class	Remarks
28	1	ly	
29	1	K0	
30	2	ly5	Partly superposed on 31
31	2	ly5	
32	2	K0	
33	1	ly	
34	1	ly	
35	3	K0	
36	2	ly5	
37	2	K0	
38	1	ly	
39	1	K5	
40	2	K2	
41	1	K	
42	2	K8	
43	1	K0	
44	1	K	
45	4	K5	
46	1	ly5	
47	2	B9	
48	2	K2	
49	4	G5	
50	1	K0	
51	2	K8	
52	4	K8	
53	2	ly5	
54	6	ly5	

28	+50°	15 13	7	58.8	+50	7.9	8.4	✓
29	+50°	15 22	8	4.4	+50	31.4	9.1	✓
30	+50°	15 24	8	5.3	+50	11.8	8.3	✓
31	+50°	15 25	8	5.4	+50	20.7	8.4	✓
32	+49°	17 16	8	4.3	+49	16.5	9.0	✓
33	+49°	17 17	8	5.3	+49	34.8	9.0	✓
34	+49°	17 19	8	6.4	+49	0.4	8.7	✓
35	+49°	17 23	8	8.5	+49	53.5	8.0	✓
36	+50°	15 32	8	11.2	+50	46.9	8.7	✓
37	+49°	17 29	8	11.9	+49	56.0	8.6	✓
38	+49°	17 28	8	11.1	+49	28.3	9.0	✓
39	+48°	16 35	8	11.8	+48	47.6	8.3	✓
40	+49°	17 32	8	14.3	+49	20.4	8.4	✓
41	+50°	15 37	8	14.3	+50	11.3	8.5	✓
42	+50°	15 35	8	13.5	+50	36.6	8.5	✓
43	+51°	14 16	8	12.8	+51	7.6	8.5	✓
44	+51°	14 15	8	12.8	+51	41.1	8.7	✓
45	+52°	13 03	8	13.0	+52	0.1	8.5	✓
46	+51°	14 13	8	12.3	+51	24.5	9.0	✓
47	+52°	13 07	8	15.7	+52	23.0	9.1	✓
48	+51°	14 21	8	17.0	+51	34.0	8.3	✓
49	+51°	14 22	8	17.1	+51	21.5	8.0	✓
50	+50°	15 44	8	18.6	+50	53.6	8.5	✓
51	+51°	14 28	8	19.1	+51	7.4	8.4	✓
52	+50°	15 46	8	20.2	+50	46.1	8.0	✓
53	+51°	14 30	8	21.1	+51	11.4	7.8	✓
54	+51°	14 31	8	21.4	+51	6.4	7.5	✓

Cards made out

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Thursday Mar. 20, 1913
I 38188 long drift

No.	Int.	Class	Remark
55	3	F5	
56	5	A2	
57	7	F0	
~~10.58~~ 58	3	Ma	
59	2	G5	
60	3	A5	
61	2	F2	
62	1	K2	
63	1	K0	
64	4	K0	
65	2	G5	
66	7	G5	
67	1	K	
68	4	K0	
69	3	G0	
70	1	G5	
71	3	G5	
72	1	G5	
73	3	K0	
74	1	F0	
75	2	F5	
76	1	G5	
77	3	K5	
78	2	K0	
79	7	A5	
80	1	K0	
81	7	Comp	Bn. = F2 Fk. = A2 K = 0.2 Fk.

55	+49°	1740	8	20.7	+49	48.6	8.1	J
56	+49°	1742	8	22.8	+49	45.1	8.3	J
57	+49°	1745	8	25.2	+49	44.1	7.5	J
58	+49°	1756	8	26.3	+49	52.5	7.3	J
59	+50°	1556	8	24.4	+50	56.6	8.5	J
60	+50°	1557	8	24.6	+50	52.1	8.4	J
61	+51°	1433	8	22.2	+51	15.3	8.8	J
62	+51°	1434	8	22.3	+51	7.8	8.6	J
63	+51°	1437	8	22.9	+51	30.1	8.8	J
64	+52°	1325	8	27.0	+52	32.6	7.7	J
65	+51°	1442	8	28.5	+51	58.9	8.5	J
66	+51°	1843	8	30.1	+51	56.1	7.0	J
67	+51°	1440	8	28.3	+51	9.9	8.7	J
68	+52°	~~1451~~ 1829	8	~~28.5~~ 29.8	+52	~~54.9~~ 16.9	~~2.5~~ 7.5	J
69	+51°	1362	7	39.5	+51	43.4	8.2	J
70	+51°	1364	7	41.0	+51	59.2	8.5	J
71	+51°	1368	7	42.3	+51	40.1	8.2	J
72	+50°	1489	7	45.2	+50	55.0	8.4	J
73	+53°	1195	7	42.6	+53	8.7	8.5	J
74	+54°	1182	7	44.9	+54	6.6	9.0	J
75	+53°	1203	7	48.6	+53	41.9	8.7	J
76	+53°	1207	7	49.7	+53	22.9	9.1	J
77	+53°	1211	7	52.3	+53	9.2	7.7	J
78	+53°	1212	7	52.4	+53	35.8	8.7	J
79	+54°	1190	7	51.4	+54	31.5	7.3	J
80	+54°	1193	7	52.2	+54	33.5	8.7	J
81	+54°	1195	7	53.3	+54	4.1	7.0	J

cards made out

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Thursday, Mar. 20, 1913.
I 38188 Long arm.

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

1106
Mar. 21, 1913
9.50

82	+53°	1218	7	56.3	+53	58.7	8.2	✓
83	+54°	1200	7	55.8	+54	31.1	8.0	✓
84	+54°	1197	7	55.2	+54	56.2	8.5	✓
85	+54°	1202	7	58.2	+54	41.5	8.7	✓
86	+54°	1207	7	59.8	+54	40.3	8.0	✓
87	+54°	1203	7	58.2	+54	3.6	8.7	✓
88	+54°	1206	7	59.1	+54	11.6	8.9	✓
89	+54°	1209	7	59.9	+54	10.7	9.1	✓
90	+53°	1221	8	0.0	+53	39.9	7.0	✓
91	+52°	1279	7	56.5	+52	39.7	8.7	✓
92	+52°	1278	7	56.2	+52	24.0	8.8	✓
93	+52°	1286	8	1.0	+52	46.3	9.1	✓
94	+53°	1224	8	3.9	+53	22.1	8.5	✓
95	+53°	1225	8	4.5	+53	41.8	8.6	✓
96	+53°	1226	8	6.4	+53	21.8	8.4	✓
97	+52°	1292	8	5.3	+52	47.8	7.7	✓
98	+53°	1232	8	9.1	+53	38.7	7.7	✓
99	+53°	1234	8	9.2	+53	31.1	8.7	✓
100	+54°	1217	8	9.4	+54	1.2	6.9	✓
101	+54°	1215	8	7.1	+54	34.4	6.5	✓
102	+54°	1213	8	5.4	+54	31.9	8.3	✓
103	+53°	1230	8	8.7	+53	11.5	9.0	✓
104	+51°	1407	8	9.2	+51	43.2	8.0	✓
105	+51°	1409	8	9.6	+51	47.7 +2.8	8.8	✓
106	+51°	1399	8	5.1	+51	14.6	8.6	✓
107	+51°	1408	8	9.5	+51	28.9	9.0	✓
108	+51°	1409	8	9.6	+51	46.2	8.7	✓

Cards made out

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Friday, May. 21. 1913.

I 38188 long disp.

No.	Int.	Class	Remark
109	3	K0	
110	3	K0	Partly superposed on 111.
111	10	A2	
112	2	F5	
113	5	F2	
114	4	F0	
115	3	K2	
116	6	G0	Another star superposed? Yes
117	8	K0	
118	3	F5	
119	3	G0	
120	3	G5	
121	7	K0	
122	2	G0	
123	1	K0	
124	1	K	
125	3	A2	
126	4	G5	
June 9.57	127	3	K0
~~128~~			
~~129~~			
~~130~~			
128	3	K6	Line K rather faint for this class

cmh. 135, 34

109	+50°	15.30	8	9.1	+50	44.2	8.1	V	
110	+53°	12.45	8	12.7	+53	27.0	8.8	V	
111	+53°	12.46	8	12.8	+53	40.5	6.0	V	
112	+53°	12.47	8	14.3	+53	16.3	8.9	V	
113	+54°	12.23	8	14.1	+54	23.1	7.5	V	
114	+54°	12.25	8	16.0	+54	6.8	7.8	V	
115	+53°	12.52	8	17.0	+53	55.5	7.7	V	magn. 8.8
116	+54°	12.28	8	17.8	+54	20.5	7.3	1.54° 1227 superposed	
117	+54°	12.31	8	19.6	+54	36.5	7.2	V	
118	+54°	12.33	8	20.1	+54	34.5	8.7	V	
119	+54°	12.38	8	20.7	+54	2.5	8.5	0.54° 1237 superposed	magn. 9.1
120	+53°	12.58	8	20.5	+53	36.4	8.5	V	
121	+53°	12.59	8	21.7	+53	35.4	6.4	V	
122	+52°	13.13	8	18.9	+52	31.6	8.5	V	
123	+53°	12.55	8	18.0	+53	27.0	8.7	V	
~~124~~	+53°	12.53	8	17.7	+53	40.6	8.7	V	
125	+51°	14.27	8	19.1	+51	39.6	8.5	V	
126	+52°	13.22	8	24.5	+52	41.2	7.5	V	
127	+54°	12.44	8	24.9	+54	12.6	8.6	V	

Identified by M. C. W. April 9. 1913.

Checked by AMC. April 11, 1913

cards made out by M. C. W.

Cards checked by AMC

128	+49°	17.05	7	57.5	+49	40.7	7.6	V

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Friday, Mar. 21, 1913.

Time: 10.00

Δ 37409 long disp. 7 44 +58

No.	Int.	Class	Remark
1	2	H0	E.
2	1	H0	E.
3	1	H0	E.
4	1	F5	E.
5	1	G5	Partly superposed on 6.
6	1	H0	
7	2	G0	
8	1	H2	
9	1	G5	
10	2	F5	
11	2	G0	
12	1	H2	
13	2	F8	
14	1	G0	
15	3	F0	
16	3	H0	
17	2	F8	
18	1	H2	
19	1	G5	
20	1	F8	
21	2	G5	
22	4	F5	
23	1	A2	
24	2	A2	
25	3	F0	
26	1	H0	
27	1	G5.	

1	+52°	1232	7	27.9	+52	52.9	7.3	✓
2	+52°	1235	7	29.9	+52	49.0	8.6	✓
3	+53°	1177	7	30.3	+53	30.2	8.2	✓
4	+52°	1242	7	32.7	+52	59.3	8.5	✓
5	+56°	1239	7	35.9	+56	19.1	8.6	✓
6	+56°	1238	7	35.8	+56	25.6	8.2	✓
7	+56°	1240	7	38.0	+56	20.0	8.5	✓
8	+56°	1241	7	39.3	+56	44.7	8.6	✓
9	+56°	1247	7	41.6	+56	19.4	9.0	✓
10	+56°	1252	7	44.6	+56	29.0	9.2	✓
11	+56°	1254	7	45.0	+56	27.2	8.6	✓
12	+56°	1255	7	45.2	+56	23.0	8.5	✓
13	+56°	1257	7	46.4	+56	23.5	8.5	✓
14	+55°	1233	7	46.0	+55	26.9	9.0	✓
15	+55°	1234	7	46.3	+55	32.8	8.8	✓
16	+55°	1235	7	46.3	+55	31	8.2	✓
17	+55°	1237	7	49.0	+55	51.4	8.3	✓
18	+58°	1075	7	44.2	+58	20.6	8.7	✓
19	+58°	1074	7	44.1	+58	30.2	9.2	✓
20	+58°	1081	7	48.7	+58	41.7	9.0	✓
21	+58°	1083	7	50.0	+58	26.6	8.7	✓
22	+59°	1131	7	50.0	+59	9.8	8.4	✓
23	+57°	1119	7	53.9	+57	37.2	9.2	✓
24	+56°	1266	7	55.5	+56	58.4	9.0	✓
25	+56°	1267	7	56.4	+56	51.8	9.0	✓
26	+55°	1250	7	56.2	+55	58.8	9.0	✓
27	+56°	1251	7	57.1	+55	52.0	8.8	✓

cards made out.

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Friday, Mar. 31, 1913.

Σ 37409 long disp

	No.	Int.	Class	Remark
	28	2	Lo	
	29	1	Fs	
	30	2	Lo	
	31	1	Fs	
	32	1	Fs	
	33	1	Fs	
	34	1	Ls	
Time: 10.05	35	2	Ly E.	
	36			
	37			
	38			
36	39	4	Fs	
	37	2	Lo	
	38	2	Lo	
	39	3	Fs	
	40	2	Ko Star sup. at south. Prob. class K	
	41	2	Ls	
	42	4	A2	
	43	3	Ls	
	44	1	Fo	
	45	1	Lo	
	46	1	Fs	
	47	3	A0	
	48	7	F5	
	49	5	A2	
	50	5	A0	

28	+55°	1252	7	57.3	+55	28.9	8.9	✓
29	+55°	1255	7	59.1	+55	11.9	9.1	✓
30	+55°	1256	7	59.4	+55	33.8	8.7	✓
31	+55°	1258	7	59.9	+55	54.6	9.1	✓
32	+56°	1273	7	59.9	+56	29.8	9.0	✓
33	+54°	1189	7	51.2	+54	53.9	8.5	✓
34	+56°	1288	8	7.8	+56	54.0	8.9	✓
35	+55°	1269	8	9.9	+55	28.4	8.6	✓

Identified by Mr. C. W. July 22, 1913

Checked by A.M.C. Oct. 6, 1913

Cards made out by E.R.B.

	36	+55°	1226	7	39.8	+55	6	7.1 20 on 37676
	37	+56°	1272	7	59.3	+56	37	8.8 30 " "
✓	38	+56°	1290	8	11.4	+56	56	8.9 44 " "
✓	39	+57°	1117	7	49.6	+57	20	8.5 90 " "
✓	40	+59°	1117	7	41.9	+59	19	8.3 81 " "
	41	+59°	1124	7	44.8	+59	52	9.0 84 " "
✓	42	+58°	1094	7	54.1	+58	34	8.6 93 " "
✓	43	+59°	1142	7	56.6	+59	10	9.0 96 " "
✓	44	+59°	1149	8	2.5	+59	23	8.5 105 " "
✓	45	+59°	1151	8	3.3	+59	37	8.8 107 " "
✓	46	+59°	1150	8	3.1	+59	30	8.9 106 " "
✓	47	+61°	995	7	33.1	+61	14	9.0 135 " "
	48	+54°	1177	7	39.7	+54	29	6.3
	49	+56	1226					68 on 37526
	50	+55	1242					25 on 37676

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Friday, June 21, 1913

June 10.15

I 37344 long dist. 7 54 +50

No.	Int.	Class	Remark
1	3	Fs	E.
2	6	Fs	E.
3	3	A3	E.
4	2	A3	E.
5	1	Fo	E.
6	2	Fo	E.
7	10+	A0	
8	2	A5	
9	3	Fs	
10	1	Fo	
11	2	ky	
12	2	Fo	
13	1	A0	
14	3	Fs	
15	2	F2	
16	5	Fo	
17	6	Fs	
18	2	Fs	
19	2	ky	Four prom.
20	5	Fo	
21	4	kF5	
22	4	Fo	
23	2	kp	
24	2	F5	
25	1	Fo	
26	5	F2	
27	6	Fo	

1	+52°	1231	7	27.2	+52	10.2	7.7	✓
2	+50°	1452	7	28.3	+50	50.1	7.2	✓
3	+51°	1340	7	30.2	+51	47.6	8.3	✓
4	+51°	1344	7	31.4	+51	36.5	8.7	✓
5	+51°	1342	7	30.3	+51	16.0	8.5	✓
6	+50°	1457	7	31.2	+50	53.8	8.8	✓
7	+50°	1460	7	33.1	+50	45.5	5.8	✓
8	+51°	1349	7	34.1	+51	11.3	8.5	✓
9	+51°	1351	7	35.2	+51	22.5	7.5	✓
10	+50°	1468	7	36.3	+50	26.7	8.7	✓
11	+50°	1475	7	39.5	+50	56.9	8.6	✓
12	+52°	1252	7	38.1	+52	8.8	8.7	✓
13	+52°	1248	7	37.3	+52	37.4	8.9	✓
14	+52°	1249	7	37.8	+52	51.5	8.0	✓
15	+52°	1254	7	38.5	+52	59.3	8.3	✓
16	+50°	1472	7	37.5	+50	4.1	7.1	✓
17	+49°	1673	7	37.5	+49	42.9	7.5	✓
18	+50°	1478	7	40.3	+50	1.9	8.6	✓
19	+49°	1679	7	43.5	+49	1.1	8.6	✓
20	+48°	1578	7	38.9	+48	27.0	8.0	✓
21	+48°	1576	7	37.9	+48	8.2	7.5	✓
22	+47°	1484	7	36.8	+47	41.5	7.3	✓
23	+47°	1489	7	40.6	+47	29.0	8.3	✓
24	+49°	1674	7	38.1	+49	9.3	8.4	✓
25	+48°	1572	7	37.2	+48	46.4	8.8	✓
26	+49°	1666	7	34.1	+49	4.6	7.8	✓
27	+48°	1669	7	34.4	+48	44.4	7.3	✓
					cards	made	out	

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Friday, Mar. 21, 1913.

I 3744 long disp.

No	Int	Class	Remark
28	2	K2	
29	9	K0	E.
30	1	K	E.
31	2	F5	
32	1	F0	
33	1	A6	
Time: 10.20 34	2	F0	
35			
36			
37			

35 ~~28~~ 5 A0

36 7 K0

37 8 K2

28	+48°	1563	7	31.9	+48	51.1	8.2	✓
29	+48°	1561	7	30.5	+48	27.7	5.8	✓
30	+49°	1857	7	30.7	+49	23.0	6.6	✓
31	+49°	1696	7	49.9	+49	47.8	8.8	✓
32	+48°	1603	7	53.7	+48	20.3	8.0	✓
33	+48°	1608	7	54.5	+48	18.3	8.1	✓
34	+48°	1616	~~8~~ 7	0.5	+48	32.9	8.7	✓

Identified by M. C. W. April 16, 1913.

Checked by AMC. April 19, 1913

Cards made out by M. C. W.

Cards checked by AMC.

✓ 35	+48°	1585	7	44.6	+48	32	7.8	141 on I 3770 c
✓ 36	+47	1488	7	43.9	+47	45	6.1	139 " "
✓ 37	+47	1889	7	44.2	+47	56	5.5	140 " "

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March 29, 1913

Cont. from page 10. I 37397

No.	Int	Class	Remarks
137	1	K0	
138	1	A2	
139	1	K0	
140	1	A3	
141	2	A3	
142	1	F8	
143	5	A	Q
144	2	A2	
145	1	K0	Faint. perhaps Mar.

137	+41°	1440	6	17.0	+41	15.0	8.9	J
138	+41°	1442	6	17.1	+41	21.5	9.3	✓
139	+41°	1444	6	18.6	+41	53.0	9.0	✓
140	+42°	1558	6	18.7	+42	44.4	9.0	✓
141	+42°	1568	6	23.7	+42	12.6	9.3	✓
142	+42°	1574	6	24.7	+42	20.1	9.3	✓
143	+46°	1142	6	15.5	+46	52.7	8.3	✓
144	+44°	1420	6	10.1	+44	47.7	8.6	✓
145	+45°	1288	6	10.7	+45	9.5	8.2	✓

Identified by M C W April 23 1913.
Checked by AMC. April 30.1913
cards made out by M C W

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Monday, May 31, 1913.

B23766 about disp.

Time: 9.50

No.	Int.	Class	Remarks
1	4	Jf2	
2	2	Ao	
3	2	Jf0	
4	2	Js	
5	1	Jf0	
6	3	Jf8	
7	1	Jf0	
8	2	fg5	
9	4	fg0	
10	5	Jf3	
11	3	f	
12	3	fg0	
13	1	fg5	
14	1	Jf0	
15	3	f8	
16	4	fg0	
17	3	f8	
18	3	Jf2	
19	2 2	Jf2	
20	2	Jf2	
21	3	Js	
22	1	J	
23	2	Ima	
24	2	fg Forms pair.	
25	1	Js	
26	2	Jf0	
27	2	fg	

1 – 31°	376	0	51.7 – 31	9.5	7.5	1 v
2 – 31°	362	0	50.4 – 31	51.3	8.9	1 v
3 – 32°	374	0	51.0 – 32	32.9	8.4	1 v
4 – 31°	338	0	48.1 – 31	31.7	8.4	1 v
5 – 32°	347	0	46.5 – 32	18.2	8.6	1 v
6 – 32°	340	0	46.1 – 32	50.2	8.6	1 v
7 – 32°	355	0	47.8 – 32	25.6	9.1	1 v
8 – 34°	347	0	49.7 – 34	26.1	9.0	1 v
9 – 34°	358	0	50.5 – 34	29.7	9.0	1 v
10 – 35°	295	0	46.3 – 35	16.6	8.1	1 v
11 – 35°	285	0	45.4 – 35	27.6	8.9	1 v
12 – 30°	213	0	38.2 – 30	47.8	8.5	1 v
13 – 30°	215	0	38.3 – 30	25.1	8.6	1 v
14 – 31°	284	0	40.1 – 31	21.8	8.7	1 v
15 – 31°	295	0	42.1 – 31	36.7	8.4	1 v
16 – 32°	307	0	42.3 – 32	17.9	8.8	1 v
17 – 32°	322	0	43.6 – 32	31.6	9.0	1 v
18 – 33°	305	0	41.9 – 33	0.8	8.3	1 v
19 – 32°	294	0	40.7 – 32	55.9	8.6	1 v
20 – 32°	285	0	40.1 – 32	41.2	8.4	1 v
21 – 34°	289	0	41.9 – 34	8.6	8.5	1 v
22 – 34°	278	0	44.3 – 34	9.9	9.1	1 v
23 – 34°	263	0	38.4 – 34	20.8	8.5	1 v
24 – 33°	250	0	34.8 – 33	26.6	9.0	1 v
25 – 30°	178	0	31.9 – 30	11.8	8.5	1 v
26 – 35°	350	0	56.7 – 35	2.2	8.5	1 v
27 – 35°	363	0	58.2 – 35	7.5	8.7	1 v

cards made out

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Monday, May 31, 1913.

B 2766 short exps.

Nr.	Int.	Class	Remark
28	1	F5	
29	1	F5	
30	2	F0	
31	2	A2	
32	1	F0	
33	1	F5	
34	2	F5	
35	1	F2	
36	4	F5	
June 16.13 37	1	G5	

Feb. 3, 1916

38	4	F5	
39	4	F5	
40	1	F8	
41	4	F8	

28 – 32°	408	0	56.4 – 32	46.6	9.1	1 v	
29 – 31°	408	0	56.2 – 31	28.5	8.5	1 v	
30 – 31°	411	0	56.4 – 31	3.6	8.7	1 v	
31 – 30°	283	0	50.9 – 30	26.5	9.2	1 v	
32 – 30°	287	0	51.1 – 30	1.8	9.1	1 v	
33 – 30°	277	0	49.7 – 30	21.8	8.7	1 v	
34 – 29°	254	0	47.5 – 29	38.4	8.6	1 v	
35 – 30°	258	0	45.2 – 30	21.8	8.7	1 v	
36 – 29°	221	0	41.0 – 29	48.9	8.5	1 v	
37 – 30°	232	0	41.3 – 30	10.3	8.7	1 v	

Identified by ANC. March 31, 1913

Checked by W. March 31, 1913.

cards made out by Mr. C. W.

Cards checked by ANC. April 1, 1913

38 – 30	332	0	58.5 – 30	28	8.9	4 on B 2022 F5		
39 – 31	418	0	57.7 – 31	4	8.0	5	"	"
40 – 33	412	1	2.4 – 33	4	9.3	11	"	"
41 – 32	406	0	56.2 – 32	18	8.3	20	"	"

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Wednesday April 2, 1913.

Time: 10.10 B39654 chart disp. 2 8 -38

Nr.	Int.	Class	Remark
1	3	Ao	
2	2	Ko	
3	2	K5	
4	2	M2	
5	2	M2	
6	1	M2	
7	2	K5	
8	2	Ko	
9	2	Ko	
10	2	Ko	
Time: 10.12 11	3	Mo	
12			
13			
14			
15			

1	-40°	589	2	14.9	-40	5.8	8.5 ∧∨
2	-40°	588	2	14.0	-40	4.3	8.9 ∧∨
3	-39°	668	2	12.5	-39	49.3	8.9 ∧
4	-39°	667	2	12.2	-39	14.3	9.0 ∧
5	-38°	790	2	16.8	-38	29.9	9.0 ∧
6	-38°	786	2	16.4	-38	22.8	9.3 ∧
7	-38°	732	2	6.0	-38	40.4	9.3 ∧∨
8	-39°	641	2	5.8	-39	55.0	8.7 ∧ ∫
9	-39°	622	1	59.9	-39	15.8	9.0 ∧ ∫
10	-39°	603	1	55.2	-39	3.1	9.0 ∧ ∫
11	-38°	~~293~~ 637	1	47.8	-38	~~38.8~~ 39.3	~~9.0~~ 8.3 ∧ ∫

Identified by AMC April 3, 1913
Checked April 4 1913. HRW
cards made out by M.C.W.
Cards checked by AMC

John G. Wolbach Library, Harvard-Smithsonian Center for Astrophysics • Provided by the NASA Astrophysics Data System

Wednesday, April 2, 1913.

Time: 12.04 B20582 chart diff. 6 49 - #27

No	Mt.	Class	Remark
1	8	g_5	
2	5	F_2	
3	3	A_0	
4	6	B_8	
5	5	F_0	
6	2	g_5	
7	4	A_2	
8	8	B_8	
9	8	A_0	
10	2	g_5	Partly superposed on 9.
11	3	A_5	
12	1	g_5	
13	6	B_8	
14	6	K_2	
15	2	K_2	
16	7	A_2	
17	4	F_0	
18	2	A_2	
19	2	K_0	
20	8	A_2	
21	8	B_5	
22	3	B_9	
23	2	A_0	
24	6	K_5	
25	3	A_3	
26	4	B_8	
27	6	B_8	

1	-25°	3546	6	38.8	-25	25.0	7.1 ✓
2	-25°	3545	6	38.8	-25	39.0	8.4 ✓
3	-25°	3572	6	40.0	-25	42.0	8.8 ✓
4	-25°	3574	6	40.2	-25	31.0	8.5 ✓
5	-25°	3600	6	41.1	-25	13.4	8.1 ✓
6	-25°	3615	6	41.7	-25	1.9	8.7 ✓
7	-25°	3632	6	42.5	-25	1.4	8.5 ✓
8	-24°	4437	6	42.5	-24	48.4	7.7 ✓
9	-25°	3631	6	42.4	-25	33.5	8.0 ✓
10	-25°	3628	6	42.4	-25	35.1	8.2 ✓
11	-25°	3605	6	41.4	-25	52.0	9.0 ✓
12	-25°	3622	6	42.0	-25	54.0	8.8 ✓
13	-26°	3411	6	42.9	-26	24.1	8.2 ✓
14	-25°	3665	6	44.1	-25	55.0	7.3 ✓
15	-26°	3653	6	43.6	-25	31.9	8.3 ✓
16	-25°	3679	6	44.6	-25	19.9	9.0 ✓
17	-25°	3681	6	44.8	-25	53.6	9.0 ✓
18	-26°	3440	6	44.5	-26	24.8	8.8 ✓
19	-26°	3474	6	45.7	-26	24.6	9.1 ✓
20	-26°	3488	6	46.6	-26	23.6	7.6 ✓
21	-26°	3495	6	46.8	-26	26.1	7.7 ✓
22	-26°	3516	6	47.6	-26	14.1	9.0 ✓
23	-25°	3726	6	47.6	-25	58.9	9.5 ✓
24	-25°	3730	6	47.6	-25	58.4	7.4 ✓
25	-25°	3701	6	46.3	-25	51.4	9.0 ✓
26	-25°	3717	6	46.7	-25	36.4	9.0 ✓
27	-25°	~~3718~~ 3708	6	46.3	-25	13.9	8.5 ✓

Cards made out

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Wednesday, April 2, 1913.
P.20 58.2 short drop.

No.	Int.	Class	Remark
28	3	F_2	
29	10+	B_3	
30	4	B_9	
31	7	A_2	
32	2	F_8	
33	4	B_8	
34	5	B_9	
35	3	A_3	
36	3	A_2	
37	4	B_5	
38	2	A_2	
39	4	B_8	
40	1	F_5	
41	4	F_8	
42	3	A_0	
43	2	K_5	
44	2	B_9	
45	4	A_2	
46	1	K_0	
47	3	A_3	
48	5	F_0	
49	1	K_0	
50	9	M_2	
51	2	K_0	
52	2	K_5	
53	5	K_0	
54	7	A_0	

28	-25°	3693	6	45.6	-25	16.4	8.5 ✓
29	-25°	3691	6	46.5	-25	38.4	6.6 ✓
30	-24°	4459	6	43.7	-24	51.8	9.1 ✓
31	-24°	4480	6	44.7	-24	51.8	8.3 ✓
32	-24°	4485	6	44.9	-24	55.2	9.0 ✓
33	-24°	4496	6	45.4	-24	49.1	8.6 ✓
34	-24°	4506	6	45.8	-24	35.1	8.6 ✓
35	-24°	4463	6	44.0	-24	28.0	9.1 ✓
36	-24°	4453	6	43.1	-24	25.6	8.9 ✓
37	-24°	4507	6	45.8	-24	15.4	8.6 ✓
38	-24°	4529	6	47.0	-24	47.4	9.1 ✓
39	-24°	4530	6	48.0	-24	46.1	8.7 ✓
40	-24°	4536	6	47.3	-24	54.1	9.1 ✓
41	-25°	3722	6	47.4	-25	24.7	8.4 ✓
42	-25°	3773	6	49.2	-25	2.9	8.9 ✓
43	-25°	3763	6	48.9	-25	40.9	8.7 ✓
44	-25°	3762	6	48.8	-25	47.4	9.5 ✓
45	-25°	3769	6	49.1	-25	55.4	9.0 ✓
46	-25°	3778	6	49.4	-25	53.4	9.6 ✓
47	-26°	3545	6	49.0	-26	26.1	9.0 ✓
48	-26°	3544	6	48.9	-26	42.8	8.8 ✓
49	-26°	3535	6	48.2	-26	32.1	9.2 ✓
50	-26°	3529	6	48.0	-26	48.1	7.0 ✓
51	-27°	3366	6	48.1	-27	16.8	8.8 ✓
52	-27°	3385	6	49.2	-27	11.5	8.6 ✓
53	-27°	3393	6	49.6	-27	24.1	8.3 ✓
54	-27°	3384	6	49.1	-27	36.2	8.5 ✓

cards made out

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Wednesday, April 2, 1913.
B 20582 photographs.

No.	Int.	Class	Remarks
55	4	F0	
56	1	G5	
57	4	F5	
58	3	A0	
59	3	A0	
60	1	K2	
61	3	K2	
62	4	F0	
63	3	F0	
64	10	B3	
65	2	B9	
66	1	F0	
67	3	F0	
68	3	A3	
69	8	B5	
70	2	G0	
71	2	F0	
72	3	F0	
73	4	B9	
74	10	F8	
75	8	A0	
76	2	Ma	
77	8	B5	
78	4	F0	
79	6	A2	
80	9	B3	
81	3	G0	

55	-27°	3375	6	48.5 -27	41.5	8.3 ✓
56	-27°	3371	6	48.3 -27	43.2	9.0 ✓
57	-27°	3352	6	47.6 -27	37.2	8.5 ✓
58	-27°	3346	6	47.3 -27	30.5	9.5 ✓
59	-27°	3340	6	47.0 -27	13.9	9.5 ✓
60	-27°	3326	6	46.4 -27	20.5	9.4 ✓
61	-27°	3325	6	46.2 -27	6.5	8.0 ✓
62	-26°	3465	6	45.5 -26	59.2	8.2 ✓
63	-27°	3313	6	45.3 -27	9.2	8.8 ✓
64	-27°	3310	6	45.1 -27	10.9	7.0 ✓
65	-26°	3438	6	44.4 -26	56.4	9.1 ✓
66	-27°	3299	6	44.0 -27	0.7	9.5 ✓
67	~~-27°~~ -26°	3294	6	43.7 -27	1.1	9.1 ✓
68	-26°	3419	6	43.2 -26	56.0	9.0 ✓
69	~~-27°~~ -26°	3292	6	43.6 -27	14.8	8.1 ✓
70	-27	3296	6	43.8 -27	13.6	8.8 ✓
71	-27°	3284	6	42.9 -27	27.6	8.8 ✓
72	-27°	3271	6	42.2 -27	12.8	9.0 ✓
73	-27°	3262	6	41.1 -27	10.6	8.9 ✓
74	-27°	3248	6	39.9 -27	13.5	6.8 ✓
75	-27°	3238	6	38.9 -27	28.1	7.3 ✓
76	-28°	3403	6	41.4 -28	3.7	8.0 ✓
77	-28°	3397	6	41.1 -28	40.4	7.5 ✓
78	-28°	3369	6	39.9 -28	46.0	8.0 ✓
79	-28°	3415	6	41.9 -28	53.9	8.2 ✓
80	-28°	3431	6	42.5 -28	25.7	7.8 ✓
81	-28°	3433	6	42.6 -28	4.5	8.4 ✓

magn. 8.3
-28° 3432 ~~suffices~~

cards made out

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Wednesday, April 2, 1913
B 20582 short dup.

No.	Int.	Class	Remark
82	2	F0	
83	3	F0	
84	6	F0	
85	5	A0	
86	9	A0	
87	2	F5	
88	2	F0	
89	2	F0	
90	3	F0	
91	7	A2	
92	4	F0	Line wide. Another star superposed?
93	3	F0	Partly superposed on 94.
94	3	A0	" " " 93.
95	3	Ma	
96	10	G0	
97	3	F0	
98	8	F5	
99	5	F5	
100	5	F5	
101	2	F8	
102	3	A2	
103	7	A0	
104	2	G5	
105	4	B9	
106	1	G0	
107	2	A5	
108	1	G5	

82	-28°	3441	6	43.2	-28	18.4	8.7 ✓
83	-28°	3457	6	43.8	-28	36.3	8.0 ✓
84	-28°	3480	6	44.5	-28	30.4	7.4 ✓
85	-28°	3455	6	43.7	-28	13.6	8.0 ✓
86	-28°	3454	6	43.7	-28	4.3	7.4 ✓
87	-27°	3298	6	44.0	-27	56.8	8.8 ✓
88	-27°	3302	6	44.4	-27	49.2	9.5 ✓
89	-27°	3314	6	45.4	-27	48.5	8.3 ✓
90	-28°	3512	6	46.1	-28	9.5	8.8 ✓
91	-28°	3510	6	46.1	-28	33.8	8.0 ✓
92	-28°	3515	6	46.2	-28	35.3	8.5 ✓
93	-28°	3533	6	47.4	-28	29.3	8.3 ✓
94	-28°	3534	6	47.4	-28	30.3	9.0 ✓
95	-28°	3536	6	47.6	-28	57.2	8.2 ✓
96	-28°	3554	6	48.6	-28	22.0	6.5 ✓
97	-28°	3575	6	49.4	-28	47.2	8.6 ✓
98	-28°	3591	6	50.3	-28	53.0	7.1 ✓
99	-28°	3593	6	50.5	-28	30.2	8.2 ✓
100	-28°	3581	6	49.9	-28	13.2	7.8 ✓
101	-28°	3566	6	49.1	-28	2.2	9.6 ✓
102	-27°	3360	6	47.9	-27	57.1	9.3 ✓
103	-27°	3354	6	47.7	-27	48.5	8.5 ✓
104	-27°	3343	6	47.1	-27	49.8	8.5 ✓
105	-27°	3329	6	46.4	-27	45.0	8.8 ✓
106	-27°	3332	6	46.5	-27	57.5	9.7 ✓
107	-27°	3321	6	46.0	-27	45.4	9.2 ✓
108	-27°	3323	6	46.1	-27	30.6	9.6 ✓

Cards made out

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Wednesday April 2 1913
B2058 short disp.

No.	Int.	Class	Remark
109	2	F5	Another star superposed on s.f. side.
110	1	A2	
111	8	B3	
112	7	B9	
113	2	A2	
114	5	K0	
115	2	K5	
116	10+	B	
117	10+	B	
118	4	A0	
119	3	K5	
120	5	F1	
121	2	K0	
122	4	A2	
123	4	A2	
124	10	B3	
125	3	F0	
126	2	A0	
127	3	F5	
128	2	K5	
129	6	A5	
130	6	B9	
131	5	A0	
132	3	F0	
133	4	K0	
134	10	B0	
135	2	A0	

109	-27°	3396	6	49.9	-27	5.1	9.0	J	-27° 3398 suppressed mags. 9.9
110	-27°	3400	6	49.9	-27	18.2	9.5	J	
111	-26°	3582	6	50.5	-26	58.8	8.2	J	
112	-26°	3592	6	50.8	-26	58.5	8.4	J	
113	-27°	3444	6	52.1	-27	7.8	9.3	J	
114	-27°	3453	6	52.4	-27	1.5	8.3	J	
115	-26°	3639	6	52.5	-26	58.5	8.2	J	
116	-27°	3460	6	52.7	-27	22.2	6.6	J	
117	-26°	3646	6	53.1	-26	59.6	6.6?	J	Probably an error in the ZC Hz. Daddy ex possibly Zc 96, Sm 2 96 also 2 B 21 catalogues 9 M.
118	-26°	3654	6	53.4	-26	59.6	8.5	J	
119	-26°	3658	6	53.6	-26	32.6	8.0	J	
120	-26°	3641	6	53.8	-26	16.0	8.5	J	
121	-25°	3870	6	53.8	-25	54.8	8.0	J	
122	-26°	3669	6	53.9	-26	5.2	9.0	J	
123	-25°	3892	6	54.8	-25	54.3	8.7	J	
124	-26°	3670	6	53.9	-26	18.0	7.6	J	
125	-26°	3656	6	53.5	-26	48.7	9.2	J	
126	-26°	3676	6	54.1	-26	54.1	9.0	J	
127	-27°	3495	6	54.8	-27	7.6	9.0	J	
128	-27°	3499	6	55.1	-27	0.6	9.0	J	
129	-26°	3712	6	55.7	-26	57.6	8.5	J	
130	-26°	3714	6	55.8	-26	46.6	8.6	J	
131	-26°	3718	6	56.0	-26	46.7	8.6	J	
132	-26°	3723	6	56.2	-26	44.0	9.0	J	
133	-26°	3731	6	56.5	-26	47.0	8.5	J	
134	-27°	3540	6	56.6	-27	3.6	7.5	J	
135	-27°	3529	6	56.1	-27	8.0	9.6	J	

cards made out

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Wednesday, April 2, 1913.
B 20582 short disp.

No.	Int.	Class	Remark
136	4	1f0	
137	10+	1f	Burned out
138	8	A2	
139	7	F33	
140	3	A0	Nearly all superposed on 139.
141	2	F8	Partly superposed on 139.
142	5	1f2	
143	5	F9	
144	7	A5	
145	7	B2	
146	1	1f0	
147	8	A2	
148	4	F2	
149	2	F0	
150	2	1f0	
151	2	A0	
152	3	B9	
153	3	F5	
154	1	B8	
155	1	1f5	
156	1	B9	
157	5	1f0	
158	4	F0	
159	8	F0	
160	2	1f0	
161	3	A0	
162	10	F5	

136	-27°	3545	6	56.8	-27	31.1	8.5 ✓
137	-27°	3544	6	56.8	-27	45.9	3.6 ✓
138	-27°	3539	6	56.5	-27	41.1	8.0 ✓
139	-27°	3532	6	56.2	-27	31.1	8.6 ✓
140	-27°	3531	6	56.2	-27	29.6	9.3 ✓
141	-27°	3528	6	56.1	-27	27.6	9.4 ✓
142	-27°	3520	6	55.8	-27	36.1	8.1 ✓
143	-27°	3518	6	55.8	-27	46.5	8.8 ✓
144	-27°	3510	6	55.4	-27	35.1	8.6 ✓
145	-27°	3504	6	55.2	-27	37.6	8.5 ✓
146	-27°	3498	6	54.8	-27	29.1 36.1	8.7 ~~9.6~~ ✗
147	-27°	3489	6	54.6	-27	43.1	7.8 ✓
148	-28°	3699	6	55.1	-28	0.3	9.0 ✓
149	-27°	3513	6	55.5	-27	51.8	8.7 ✓
150	-27°	3477	6	53.6	-27	53.4	8.6 ✓
151	-27°	3451	6	52.4	-27	39.5	9.3 ✓
152	-27°	3433	6	51.4	-27	52.7	9.2 ✓
153	-28°	3611	6	51.0	-28	9.8	8.8 ✓
154	-27°	3419	6	51.0	-27	26.8	9.7 ✓
155	-28°	3604	6	50.8	-28	26.7	8.8 ✓
156	-28°	3617	6	51.3	-28	29.2	9.0 ✓
157	-28°	3631	6	52.0	-28	32.2	7.8 ✓
158	-29°	3691	6	52.4	-29	19.3	8.5 ✓
159	-28°	3674	6	54.2	-28	47.3	8.0 ✓
160	-28°	3690	6	54.8	-28	45.1	9.0 ✓
161	-28°	3703	6	55.3	-28	26.1	8.5 ✓
162	-28°	3711	6	55.8	-28	18.9	7.1 ✓

cards made out

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Wednesday April 2, 1913.
B 20582 short drift.

No.	Int.	Class	Remark
163	3	Ao	
164	5	Ao	
165	3	F5	
166	2	F0	
167	8	B4	
168	5	A2	
169	7	Ao	
170	5	B9	
171	7	B8	
172	8	F0	
173	8	B3	
174	3	A2	
175	10	B.	Burned out.
176	5	F0	
177	7	F0	
178	8	F0	
179	4	F5	
180	3	F5	
181	4	F5	
182	2	F0	
183	7	B3	
184	7	B8	
185	4	B5	
186	10	A2	
187	10	Ao	
188	5	F0	
189	2	A2	

163	-28°	3709	6	55.6	-28	48.9	9.1	J
164	-28°	3727	6	56.4	-28	52.6	8.6	✓
165	-28°	3739	6	57.2	-28	44.6	8.7	J
6 165	-28°	3743	6	57.2	-28	27.6	8.3	J
7 166	-28°	3744	6	57.4	-28	5.8	7.7	J
8 168	-27°	3571	6	58.2	-27	53.3	8.4	✓
9 168	-26°	3705	6	55.3	-26	22.0	8.1	J
170 ~~169~~	-25°	3901	6	55.6	-25	48.8	8.7	J
1 179	-25°	3907	6	55.7	-25	55.3	7.8	J
172	-25°	3913	6	56.1	-25	46.8	7.3	J
3 172	-25°	3906	6	55.7	-25	28.0	7.5	J
4 173	-25°	3872	6	53.8	-25	9.9	9.0	✓
5 174	-25°	3864	6	53.5	-25	14.9	6.0	J
6 175	-25°	3829	6	52.2	-25	39.4	8.1	J
7 176	-25°	3813	6	51.5	-25	45.4	7.6	✓
8 177	-25°	3804	6	50.8	-25	21.7	7.2	J
9 178	-24°	4639	6	52.0	-24	59.5	8.4	J
180 ~~179~~	-24°	4635	6	51.7	-24	48.4	8.2	J
1 181	-24°	4629	6	51.5	-24	~~38.6~~ 42.1	8.4 .5	J
182	-24°	4620	6	51.1	-24	38.6	8.4	✓
3 182	-24°	4604	6	50.6	-24	31.6	8.4	J
4 183	-24°	4586	6	49.8	-24	33.6	8.3	J
185	-24°	4580	6	49.6	-24	46.6	8.0	✓
186	-24°	4553	6	48.2	-24	32.1	6.9	J
187	-24°	4565	6	48.8	-24	22.3	6.6	J
188	-24°	4559	6	48.5	-24	14.4	8.4	✓
189	-23°	4509	6	47.3	-23	58.4	9.1	J

cards made out

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Wednesday, April 2, 1913.
B 20582 short exp.

No	Int.	Class	Remark
190	8	B3	
191	6.	B8	Partly superposed on 190.
192	5	B9	
193	8	A3	
194	10	F0	
195	10	G5	
196	4	A0	
197	10+	F5	
198	6	F2	
199	2	F0	
200	7	A. E.	June 12.45
201	7	F2 E.	April 2, 1913 June 10.15
202	4	F0	
203	6	A5 F2	
204	7	A3 F0	
205	3	A	
206	5	A E.	
207	4	F0	
208	6	A2	
209	8	A0	
210	2	ma	
211	8	K5	
212	3	M5	
213	1	K5	
214	10	A0	
215	1	A2	
216	7	F0	

190	-24°	4651	6	48.X	-24	0.4	7.6	J
191	-23°	4532	6	48.1	-23	57.4	8.5	J
192	-23°	4537	6	48.3	-23	56.4	8.9	J
193	-24°	4563	6	48.6	-24	4.9	7.5	J
194	-24°	4567	6	49.0	-24	1.3	3.9	J
195	-23°	4553	6	49.0	-23	46.2	7.5	J
196	-24°	4634	6	51.7	-24	21.4	9.3	J
197	-24°	4648	6	52.4	-24	27.8	5.9	J
198	-23°	4636	6	51.9	-23	34.9	8.8	J
199	-23°	4640	6	52.1	-23	19.5	8.7	J
200	-23°	4649	6	52.5	-23	16.9	8.5	J
201	-28°	3183	6	31.3	-28	44.6	7.0	J
202	-28°	3201	6	32.2	-28	36.1	7.3	J
203	-28°	3219	6	33.1	-28	23.1	7.8	J
204	-28°	3226	6	33.5	-28	41.5	8.2	J
205	-28°	3230	6	33.9	-28	38.5	8.7	J
206	-28°	3224	6	33.4	-28	55.9	8.3	J
207	-29°	3314	6	34.3	-29	2.8	7.4	J
208	-28°	3250	6	34.6	-28	56.2	8.4	J
209	-28°	3278	6	35.9	-28	44.6	8.0	J
210	-28°	3246	6	34.5	-28	19.8	7.8	J
211	-28°	3270	6	35.6	-28	8.2	7.2	J
212	-28°	3297	6	36.7	-28	10.5	8.3	J
213	-28°	3328	6	38.1	-28	3.7	8.7	J
214	-28°	3331	6	38.2	-28	13.4	7.2	J
215	-27°	3213	6	37.1	-27	51.2	9.5	J
216	-27°	3208	6	36.7	-27	45.9	8.5	J

cards made out

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Thursday April 3 1913.

13 20582 short disp.

No.	Int.	Class	Remark
217	9	Ao	
218	6	Fo	
219	2	Fo	
220	3	Ao	
221	10	Ao	
222	4	Fo	
223	2	A2	
224	1	G5	
225	8	G5	
226	5	Ao	
227	3	A2	
228	2	A5	
229	1	G5	
230	7	F2	
231	1	A5	
232	4	G5	
233	10	Fo	
234	1	F5	
235	3	Ao	
236	6	G5	
237	2	Go	
238	4	K0	
239	2	K4	
240	5	Ao	
241	2	Ao	
242	2	Ao	
243	3	K5	

217	-27°	3203	6	36.5	-27	28.2	8.0 ✓
218	-27°	3211	6	36.8	-27	30.1	7.8 ✓
219	-27°	3210	6	36.8	-27	37.7	8.7 ✓
220	-28°	3324	6	38.0	-28	45.9	8.5 ✓
221	-29°	3388	6	38.2	-29	6.9	7.1 ✓
222	-29°	3398	6	38.7	-29	30.6	8.1 ✓
223	-28°	3368	6	39.9	-28	56.5	9.0 ✓
224	-29°	3450	6	41.2	-29	7.9	8.9 ✓
225	-29°	3452	6	41.4	-29	25.3	7.2 ✓
226	-29°	3465	6	42.1	-29	28.4	8.4 ✓
227	-29°	3478	6	42.6	-29	14.9	8.7 ✓
228	-29°	3498	6	43.6	-29	17.5	8.8 ✓
229	-29°	3495	6	43.3	-29	26.0	8.9 ✓
230	-29°	3514	6	44.0	-29	36.0	7.5 ✓
231	-29°	3500	6	43.6	-29	50.9	8.9 ✓
232	-30°	3548	6	43.2	-30	17.9	7.5 ✓
233	-28°	3475	6	44.4	-28	49.8	7.3 ✓
234	-29/30°	3536	6	45.0	-29/30	9.8	9.1 ✓
235	-29/30°	3543	6	45.4	-29/30	14.1	9.0 ✓
236	-29/30°	3551	6	45.9	-29/30	17.8	8.0 ✓
237	-29/30°	3557	6	46.3	-29/30	26.1	8.6 ✓
238	-29/30°	3565	6	46.7	-29/30	13.7	8.0 ✓
239	-29/30°	3572	6	47.1	-29/30	15.6	9.3 ✓
240	-29/30°	3575	6	47.2	-29/30	6.7	8.7 ✓
241	-29/30°	3583	6	47.5	-29/30	5.7	9.3 ✓
242	-29/30°	3592	6	47.9	-29/30	3.2	9.1 ✓
243	-29/30°	3577	6	47.3	-29/30	32.8	8.6 ✓

Cards made out

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Thursday, April 3, 1913.
B 2058 short disp.

	Hr.	Int.	Class	Remark
	244	8	Fo	
	245	9	Ao	
	246	3	H5	
	247	2	F5	
	248	2	K5	
	249	2	Ao	
	250	1	A2	
	251	2	A3	
	252	2	K0	
	253	2	A3	
	254	3	F5	
	255	6	K3	
	256	7	K2	
	257	8	K5	
	258	2	G5	
	259	6	K0	
14.31	260	4	A2	
11.35	261	3	A	Focus poor.
	262	7	F0	
	263	3	F0	
	264	3	F0	
	265	5	G5	
	266	4	Ao	
	267	2	K5	
	268	3	K2	E.
	269	2	K2	E.
	270	7	A5	E.

244	-30°	3615	6	47.4	-30	16.4	7.9 ✓
245	-30°	3654	6	49.4	-30	27.3	7.9 ✓
246	-29°	3665	6	51.4	-29	24.8	8.3 ✓
247	-29°	3679	6	51.7	-29	15.2	9.1 ✓
248	-29°	3683	6	51.8	-29	34.1	8.6 ✓
249	-29°	3671	6	51.5	-29	33.1	9.5 ✓
250	-29°	3651	6	50.8	-29	31.1	9.3 ✓
251	-29°	3654	6	50.9	-29	47.4	9.1 ✓
252	-29°	3658	6	51.0	-29	57.2	8.8 ✓
253	-29°	3698	6	52.6	-29	55.8	9.5 ✓
254	-30°	3748	6	53.6	-30	5.8	9.0 ✓
255	-29°	3744	6	55.1	-29	54.7	8.6 ✓
256	-29°	3749	6	55.2	-29	54.1	7.4 ✓
257	-29°	3740	6	54.9	-29	31.7	7.7 ✓
258	-29°	3755	6	55.5	-29	14.4	8.7 ✓
259	-29°	3780	6	56.6	-29.2	32.7	8.1 ✓
260	-29°	3787	6	56.7	-29.2	12.4	8.9 ✓
261	-30°	3796/7	6	56.4/5	-30	27.2 26.4	9.0 ✓
262	-30°	3794	6	56.4	-30	29.2	7.5 ✓
263	-30°	3791	6	56.1	-30	22.5	8.3 ✓
264	-30°	3778	6	55.5	-30	30.3	7.7 ✓
265	-30°	3743	6	53.4	-30	34.9	7.3 ✓
266	-30°	3721	6	52.2	-30	43.1	8.5 ✓
267	-30°	3722/3	6	52.4	-30	19.8 19.8	9.3 9.3 ✓
268	-31°	3840	6	52.7	-31	13.2	8.3 ✓
269	-31°	3840.18	6	52.9	-31	13.2	8.2 ✓
270	-31°	3745	6	47.6	-31	52.2	7.7 ✓

cards made out

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Thursday April 3, 1913.
B 20582 short disp.

	Tr.	Int.	Class	Remark
	271	8	Ao	E.
	272	7	~~Ao~~	
	273	3	~~Ao~~	
	274	4	Ao	
	275	5	~~Ao~~	
	276	5	~~Ao~~	
	277	4	~~Ao~~	
11.40	278	2	~~Ao~~	
	279			
	280			
	281			

	279	3	~~Ao~~					
	280	6	~~Ao~~					

27	-32°	3429	6	46.7	-32	2.6	8.0	J
272	-31°	3721	6	45.9	-31	8.2	7.5	V
273	-31°	3718	6	45.7	-31	19.8	8.4	V
274	-30°	3570	6	44.5	-30	42.0	8.5	V
275	-31°	3691	6	43.9	-31	13.2	8.0	I
276	-30°	3534	6	42.4	-30	49.2	7.5	V
277	-30°	3520	6	41.6	-30	36.7	7.7	I
278	-30°	3480	6	39.6	-30	2.0	8.0	I

Identified by J. C. M. April 25, 1913.
Checked by ARMC. ~~April~~ May 1, 1913
cards made out by M. C. D.
Cards checked by ARMC. May 9, 1913

✓ 279	-27	3111	6	30.0	-27	11	8.8	22 on B20535
✓ 280	-26	3266	6	35.4	-26	11	8.2	34 on B20586

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Thursday, April 3, 1913.

Time: 10.39

T 31885 plant disp. 6 26 −38.3

No.	Art	Class
1	10+	Ip
2	8	Ib
3	1	Ip2
4	2	A3
5	1	Ip0
6	1	Ip2
7	8	Ao
8	1	Fe
9	3	Ao
10	3	Fp
11	4	Ip2
12	7	As
13	9	A2
14	2	A3
15	2	Ip5
16	X5	Fp2
17	4	Ip5
18	1	Ima
19	4	Ao
20	3	A3
21	4	Fe
22	3	Ip5
23	3	Fp
24	8	Ib3
25	3	A3
26	6	Ib9
27	3	Ip2

1	−28°	3183	6	31.3	−28	44.6	7.0
2	−29°	3090	6	20.9	−29	38.2	7.0
3	−29°	3128	6	23.1	−29	59.3	8.1
4	−30°	3175 3169	6	22.2	−30	24.8	8.3
5	−30°	3178	6	22.6	−30	43.3	8.5
6	−30°	3178	6	22.6	−30	43.3 47.6	8.5
7	−31°	3357	6	25.3	−31	5.3	7.5
8	−30°	3195	6	23.4	−30	30.1	8.9
9	−29° −31°	3155 3407	6	24.7 28.0	−29 −31	24.7 55.9	9.0 6.0
10	−28°	3069	6	25.2	−28	34.2	7.8
11	−29°	3189	6	27.1	−29	13.6	7.5
12	−29°	3211	6	28.6	−29	7.2	7.9
13	−29°	3225	6	29.3	−29	32.2	7.3
14	−29°	3226	6	29.4	−29	38.2	9.0
15	−29°	3208	6	28.4	−29	40.2	7.9
16	−30°	3291	6	29.3	−30	14.3	7.8
17	−29°	3241	6	30.1	−29	59.2	7.1
18	−30°	3285	6	29.0	−30	29.4	8.0
19	−30°	3271	6	28.3	−30	46.3	8.2
20	−30°	3306	6	30.3	−30	50.3	8.0
21	−30°	3317	6	30.9	−30	45.7	8.3
22	−31°	3437	6	30.2	−31	11.5	7.7
23	−31°	3441	6	30.4	−31	34.1	8.3
24	−31°	3451	6	30.7	−31	29.5	8.0
25	−31°	3431	6	30.0	−31	43.7	8.7
26	−31°	3438	6	30.3	−31	45.1	8.3
27	−31°	3448	6	30.7	−31	41.7	8.1

cards made out

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Thursday, April 3, 1913.
B 18385 short drift.

No.	Int.	Class	Remark
28	7	J5	
29	10+	T8	Burned out
30	3	A0	
31	1	J	
32	2	A2	
33	2	B9	
34	5	A3	
35	10	J0	
36	9	B9	
37	1	A0	
38	7	B2	
39	8	F0	
40	6	K9	
41	2	A2	
Time 1.10.50 April 9, 1913 11.03 42	1	F0	
43	1	G	
44	2	M5	
45	5	A0	E.
11.04 46	3	G0	
✓ 47	5	A0	Confirmed on B12662

ent. 133, 166

28	-32°	3153	6	28.8	-32	7.6 7.4 ✓
29	-31°	3407	6	28.0	-31	55.9 6.0 ✓
30	-32°	3118	6	26.5	-32	11.0 8 8.8 ✓
31	-31°	3318	6	23.1	-31	51.3 8.5 ✓
32	-30°	3318	6	30.9	-30	21.1 8.5 ✓
33	-30°	3350	6	32.8	-30	23.3 8.0 ✓
34	-30°	3357	6	33.1	-30	31.4 8.0 ✓
35	-30°	3386	6	34.9	-30	20.9 5.9 ✓
36	-30°	3412	6	36.3	-30	31.3 7.5 ✓
37	-31°	3514	6	34.3	-31	18.1 8.5 ✓
38	-31°	3520	6	34.6	-31	43.6 7.9 ✓
39	-31°	3468	6	31.8	-31	47.1 7.3 ✓
40	-31°	3583	6	37.6	-31	33.0 7.9 ✓
41	-30°	3443	6	38.0	-30	46.6 8.0 ✓
42	-30°	3423	6	37.0	-30	35.3 8.7 ✓
43	-32°	3279	6	37.0	-32	9.6 8.5 ✓
44	-32°	3321	6	39.3	-32	17.9 7.8 ✓
45	-32°	3324	6	39.6	-32	10.6 8.5 ✓
46	-32°	3384	6	44.0	-32	19.2 8.5 ✓

Identified by J. C. M. April 28, 1913.
Checked by A.M.C. May 1, 1913
cards made out by M. C. W.

47	-31°	3634	6	40.4 -31	31.0 7.5 ✓

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Thursday, April 3, 1913.

Time: 10,51

B4659 Long disp. 6 44 -32

No.	Int.	Class	Remark
1	5	B3	
2	6	B9	
3	2	F0	
4	8	B3	
5	2	B8	
6	6	B3	
7	3	F5	
8	5	B5	
9	2	A0	
10	10	B3	
11	3	A0	
12	7	B9	
13	4	B8	
Time: 10.53 14	7	B8	
15			
16			

1	-31°	3407	6	28.0	-31	56.9	6.0 ✓
2	-32°	3168	6	30.0	-32	37.4	6.1 ✓
3	-32°	3216	6	33.1	-32	13.4	5.7 ✓
4	-30°	3484	6	39.7	-30	57.2	5.7 ✓
5	-30°	3495	6	40.3	-30	27.8	6.9 ✓
6	-30°	3505	6	40.8	-30	49.1	6.3 ✓
7	-31°	3640	6	40.7	-31	39.0	6.5 ✓
8	-31°	3717	6	45.7	-31	33.4	6.3 ✓
9	-32°	3403	6	44.9	-32	23.8	7.5 ✓
10	-32°	3404	6	45.2	-32	21.8	4.0 ✓
11	-31°	3781	6	49.6	-31	38.5	6.8 ✓
12	-31°	3808	6	51.2	-31	37.5	6.7 ✓
13	-30°	3757	6	54.0	-30	49.7	6.7 ✓
14	-33°	3389	6	53.9	-33	56.4	5.4 ✓

Identified by J.C.M. Dec. 8, 1913

Checked by AMC. Dec. 8, 1913

Cards made out by E.R.B.

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Thursday, April 10, 1913.

Time 10.27

B20856 clock disp. 7 32 - 27.1

No.	Int.	Class	Remark
1	3	B9	E.
2	5	M2	
3	4	A0	
4	3	A0	
5	1	K0	
6	2	A3	
7	2	A2	
8	2	K0	
9	2	A0	
10	1	B8	
11	1	A0	
12	3	K0	
13	6	A2	
14	2	A3	
15	4	A3	
16	5	B8	
17	3	A2	
18	6	A2	
19	5	A0	
20	3	B9	
21	6	K5	
22	4	K8	
23	2	K5	
24	2	K0	
25	1	M8	
26	2	A	Another star of class A superposed to north.
27	5	B5	

1	-26°	4186	7	14.6	-26	20.0	8.5 ^ v
2	-25°	4400	7	15.9	-25	39.3	6.7 ^ v
3	-26°	4271	7	17.7	-26	7.2	8.5 ^ v
4	-26°	4290	7	18.4	-26	19.0	8.5 ^ v
5	-25°	4459	7	18.4	-25	50.2	8.9 ^ v
6	-26°	4304	7	19.0	-26	7.9	8.7 ^ v
7	-26°	4311	7	19.3	-26	21.5	8.9 ^ v
8	-26°	4307	7	19.1	-26	59.5	8.1 ^ v
9	-26°	4314	7	19.5	-26	58.5	8.7 ^ v
10	-26°	4331	7	20.0	-26	40.8	8.7 ^ v
11	-26°	4358	7	20.9	-26	36.3	9.5 ^ v
12	-26°	4355	7	21.0	-26	32.9	8.0 ^ v
13	-26°	4362	7	21.3	-26	46.5	8.2 ^ v
14	-26°	4360	7	21.2	-26	25.5	9.1 ^ v
15	-26°	4367	7	21.6	-26	15.5	8.6 ^ v
16	-25°	4518	7	21.1	-25	59.3	8.7 ^ v
17	-25°	4510	7	20.8	-25	49.2	8.7 ^ v
18	-25°	4546	7	22.6	-25	59.0	8.6 ^ v
19	-26°	4404	7	23.1	-26	10.5	8.3 ^ v
20	-26°	4419	7	23.5	-26	13.5	8.5 ^ v
21	-26°	4399	7	22.9	-26	35.3	7.1 ^ v
22	-26°	4389	7	22.5	-26	46.1	8.1 ^ v
23	-26°	4394	7	22.7	-26	49.0	8.0 ^ v
24	-27°	4097	7	22.4	-27	8.9	8.4 ^ v
25	-26°	4401	7	23.0	-26	58.0	9.3 ^ v
26	-27°	4105	7	23.0	-27	6.0	9.3 ^ v -27° 4107 superposed magn. 9.3
27	-27°	4108	7	23.1	-27	8.9	8.3 ^ v

cards made out

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Thursday, April 10, 1913.
B 20 x 56 short disp.

Iwo.	Int.	Class	Remarks
28	2	B8	Superposed on 29.
29	2	Ao	The preceding – superposed on 28.
30	3	Bg	
31	2	Ao	
32	4	Ao	
33	2	F0	
34	1	Bg	
35	1	A5	
36	2	F8	
37	4	Bg	The n. f. of two.
38	2	F0	
39	2	Ao	
40	5	Bg	
41	2	Ao	
42	1	Ao	
43	2	B	Lines indistinct.
44	1	F	" "
45	3	B	" "
46	4	B3	
47	2	B8	
48	2	F8?	Lines narrow & indistinct.
49	1	Go	
50	2	F5 / K0	
51	2	K0	The preceding of two.
52	2	Ao	
53	1	G5	
54	3	K0	

This note belongs to No. 50 of Plate. The following [illegible]

28	-26°	4415	7	23.4	-26	58.0	9.3 ^ ✓
29	-26°	4413	7	23.3	-26	59.0	9.1 ^ ✓
30	-26°	4431	7	24.0	-26	44.1	8.6 ^ ✓
31	-26°	4436	7	24.2	-26	24.0	8.9 ^ ✓
32	-26°	~~4464~~ 4467	~~7~~ 7	~~25.4~~ 25.6	~~-26~~ -26	~~43.1~~ 43.8	~~8.9~~ 8.7 ✓
33	-25°	4597	7	24.7	-25	48.7	9.1 ^ ✓
34	-26°	4457	7	25.1	-26	5.5	9.0 ^ ✓
35	-26°	4490	7	26.5	-26	15.4	8.3 ^ ✓
36	-25°	4674	7	27.4	-25	51.7	8.8 ^ ✓
37	-26°	4492	7	26.6	-26	38.2	8.6 ^ ✓
38	-26°	4540	7	28.2	-26	47.9	8.6 ^ ✓
39	-27°	4187	7	26.8	-27	30.3	9.0 ^ ✓
40	-27°	4194	7	27.2	-27	38.8	8.2 ^ ✓
41	-27°	4195	7	27.3	-27	37.8	9.5 ^ ✓
42	-27°	4206	7	27.6	-27	28.3	9.3 ^ ✓
43	-27°	4205	7	27.6	-27	35.7	9.0 ^ ✓
44	-27°	4204	7	27.6	-27	41.5	8.9 ^ ✓
45	-27°	4229	7	28.5	-27	42.1	8.6 ^ ✓
46	-28°	4502	7	28.0	-28	3.6	7.9 ^ ✓
47	-28°	4499	7	27.8	-28	8.8	9.0 ^ ✓
48	-28°	4485	7	27.2	-28	27.7	8.9 ^ ✓
49	-28°	4454	7	25.8	-28	28.7	8.6 ^ ✓
50	-28°	4445	7	25.4	-28	35.2	8.3 ^ 28° 4447 8.5 superposed
51	-28°	4438	7	25.3	-28	23.7	8.6 ^ ✓
52	-28°	4422	7	24.5	-28	28.7	8.9 ^ ✓
53	-28°	4392	7	23.5	-28	25.2	8.6 ^ ✓
54	-28°	4386	7	23.2	-28	24.7	8.8 ^ ✓

cards made out

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Thursday, April 10, 1913.

B 2085-6 about disp.

No.	Int.	Class	Remark
55	3	Ip	
56	1	Fs	
57	1	Fs	
58	1	A	
59	2	Bg	
60	1	Fs	
61	3	Fo	
62	3	A	E. Focus poor.
63	1	Ip5	
64	3	Ao	
65	2	Bg	
66	1	A	
67	3	Fs	
68	2	A	E.
69	4	Bg	
70	3	Bp	
71	1	Fo	
72	2	Ao	
73	6	Fo	
74	2	Bp	
75	2	Bg	The preceding of two.
76	3	Ao	
77	2	Ao	
78	3	Fo	
79	4	Fp	
80	5	Ao	
81	2	Ao	

55	−27°	4120	7	23.7	−27	38.8	8.5	∧ ∨
56	−28°	4381	7	23.0	−28	13.1	8.2	∧ ∨
57	−28°	4367	7	22.5	−28	2.7	8.9	∧ ∨
58	−28°	4362	7	22.3	−28	1.2	9.0	∧ ∨
59	−27°	4100	7	22.6	−27	30.3	9.0	∧ ∨
60	−27°	4106	7	23.0	−27	35.8	8.8	∧ ∨
61	−28°	4350	7	21.7	−28	34.8	8.6	∧ ∨
62	−28°	4312	7	20.2	−28	59.2	9.0	∧ ∨
63	−29°	4363	7	20.4	−29	7.2	8.7	∧ ∨
64	−27°	4054	7	20.3	−27	49.2	8.5	∧ ∨
65	−27°	4060	7	20.2	−27	28.3	8.7	∧ ∨
66	−27°	4061	7	20.7	−27	53.2	9.0	∧ ∨
67	−28°	4250	7	17.7	−28	20.8	8.1	∧ ∨
68	−28°	4259	7	18.0	−28	50.2	9.1	∧ ∨
69	−28°	4515	7	28.4	−28	26.7	8.5	∧ ∨
70	−28°	4525	7	29.0	−28	22.7	8.8	∧ ∨ magn. 8.8 −28° 4526 superposed
71	−28°	4532	7	29.2	−28	33.7	8.9	∧ ∨
72	−28°	4539	7	29.5	−28	26.2	9.0	∧ ∨
73	−28°	4557	7	30.0	−28	13.4	8.7	∧ ∨
74	−28°	4537	7	29.4	−28	10.6	8.7	∧ ∨
75	−27°	4250	7	29.8	−27	59.1	8.7	∧ ∨
76	−27°	4270	7	30.3	−27	50.1	8.9	∧ ∨
77	−27°	4290	7	31.0	−27	43.6	9.1	∧ ∨
78	−27°	4299	7	31.4	−27	17.8	9.0	∧ ∨
79	−27°	4291	7	31.4	−27	14.2	7.5	∧ ∨
80	−27°	4276	7	30.5	−27	2.4	8.1	∧ ∨
81	−26°	4582	7	29.8	−26	57.9	8.9	∧ ∨

Cards made out

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Thursday, April 10, 1913.
B 20856 short disp.

No.	Int	Class	Remark
82	3	Ly5	
83	2	Ly5	
84	6	Y10	
85	8	Y38	
86	4	A0	
87	1	Y5	
88	2	Ly5	
89	6	A3	
90	4	Y39	
91	8	Y39	
92	2	A0	
93	2	A0	
94	2	Ly8	
95	3	A2	
96	9	Y39	
97	9	Y39	
98	4	A3	
99	1	Ly0	
100	3	A0	
101	1	K5	
102	5	Y38	
103	5	Y38	
104	1	Y2	
105	9	K0	
106	6	B8	
107	2	A0	
108	1	A	

82	-25°	4727	7	29.6	-25	45.2	8.1 ∧∨
83	-25°	4733	7	30.0	-25	50.1	8.3 ∧∨
84	-26°	4655	7	31.9	-26	31.9	7.1 ∧∨
85	-27°	4310	7	32.0	-27	8.5	7.5 ∧∨
86	-27°	4324	7	32.7	-27	0.5	8.2 ∧∨
87	-26°	4679	7	32.8	-26	57.4	8.4 ∧∨
88	-26°	4694	7	33.2	-26	52.4	8.7 ∧∨
89	-26°	4691	7	33.2	-26	36.9	8.3 ∧∨
90	-26°	4701	7	33.4	-26	17.9	8.8 ∧∨
91	-26°	4703	7	33.5	-26	2.0	7.4 ∧∨
92	-25°	4815	7	32.8	-25	42.1	9.0 ∧∨
93	-26°	4716	7	34.2	-26	8.0	9.2 ∧∨
94	-26°	4724	7	34.4	-26	11.2	8.5 ∧∨
95	-26°	4718	7	34.2	-26	23.7	9.0 ∧∨
96	-26°	4722	7	34.3	-26	34.4	6.9 ∧∨
97	-26°	4723	7	34.4	-26	37.8	7.2 ∧∨
98	-26°	4741	7	35.2	-26	17.7	8.0 ∧∨
99	-26°	4750	7	35.7	-26	3.6	9.2 ∧∨
100	-26°	4765	7	36.1	-26	42.9	9.0 ∧∨
101	-26°	4759	7	35.9	-26	53.9	8.7 ∧∨
102	-26°	4779	7	36.6	-26	56.9	7.7 ∧∨
103	-26°	4806	7	37.2	-26	53.4	8.0 ∧∨
104	-26°	4823	7	37.6	-26	36.9	8.7 ∧∨
105	-26°	4824	7	37.6	-26	2.6	6.5 ∧∨
106	-25°	4946	7	37.8	-25	32.3	8.0 ∧∨
107	-25°	4927	7	37.0	-25	36.1	9.0 ∧∨
108	-26°	4792	7	36.8	-26	11.1	9.0 ∧∨

cards made out

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Thursday, April 10, 1913.
B 20856 slant dists.

No.	Int.	Class	Remark
109	5	Bg	
110	1	Ao	
111	2	K2	
112	1	A	
113	3	Ao	
114	1	A	
115	1	K0	
116	3	Ao	
117	1	A	
118	2	Ao	
119	1	G	
120	3	F5	Smith Two class, both might be A or F.
121	3	Bg	
122	2	Ao	
123	1	K5	
124	5	F5	
125	3	Ao	
126	1	A	
127	1	A2	
128	1	A3	
129	2	A2	
130	3	K2	
131	10	B8	
132	7	Bg	
133	3	Ao	
134	8	A3	
135	b5	Ao	

109	−25°	4848	7	34.0 − 25	9.4	8.7 ∧ ∨
110	−25°	4849	7	34.0 − 25	23.0	9.3 ∧ ∨
111	−25°	4867	7	34.7 − 25	33.3	8.2 ∧ ∨
112	−25°	4884	7	34.6 − 25	52.2	9.5 ∧ ∨
113	−25°	4900	7	36.0 − 25	21.0	8.9 ∧ ∨
114	−25°	4895	7	35.7 − 25	13.5	9.8 ∧ ∨
115	−25°	4804	7	32.4 − 25	10.4	9.2 ∧ ∨
116	−25°	4787	7	31.9 − 25	34.6	9.0 ∧ ∨
117	−25°	4788	7	31.9 − 25	38.4	9.2 ∧ ∨
118	−25°	4743	7	30.1 − 25	22.0	9.3 ∧ ∨
119	−25°	4739	7	30.0 − 25	2.0	9.2 ∧ ∨
120	−27°	4322	7	32.4 − 27	48.0	9.3 ∧ ∨
121	−28°	4592	7	31.2 − 28	8.5	9.3 ∧ ∨
122	−28°	4574	7	30.7 − 28	15.1	9.3 ∧ ∨
123	−28°	4581	7	30.8 − 28	38.7	8.9 ∧ ∨
124	−28°	4634	7	33.1 − 28	27.2	8.2 ∧ ∨
125	−28°	4636	7	33.2 − 28	9.5	9.1 ∧ ∨
126	−28°	4612	7	32.2 − 28	10.5	9.0 ∧ ∨
127	−27°	4333	7	32.9 − 27	8.9	9.2 ∧ ∨
128	−27°	4341	7	33.3 − 27	35.8	9.4 ∧ ∨
129	−28°	4662	7	34.3 − 28	24.2	9.1 ∧ ∨
130	−27°	4389	7	35.4 − 27	55.5	8.6 ∧ ∨
131	−27°	4393	7	35.7 − 27	39.5	7.0 ∧ ∨
132	−27°	4429	7	37.4 − 27	26.8	7.6 ∧ ∨
133	−27°	4427	7	37.3 − 27	38.8	8.7 ∧ ∨
134	−27°	4446	7	38.0 − 27	22.3	7.2 ∧ ∨
135	−26°	4850	7	38.4 − 26	53.4	8.2 ∧ ∨

cards made out

mean 9.3
−27° 4321 superposed
0V −27 4321 Vilt
−27° 4322 Sufford

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Thursday, April 10, 1913.
B 21856 about disp.

Ser.	Fet.	Class	Remark
136	3	K0	
137	4	K5	
138	2	G5	
139	3	G5	
140	1	A0	
141	6	B9	
142	9	K0	
143	2	F0	
144	4	B9	
145	2	B9	
146	1	K5	
147	6	K5	
10.58 148	5	A0	
149			
150			

149	5	B8	
150	6	B9	
151	2	A8	
152	2	A	Line seen which may be 4026, Hyd = A0.
153	3	A5	
154	3	F0	

136	-26°	4858	7	38.8	-26	~~53.4~~ 55.9	8.2	∧∨	
137	-26°	4869	7	39.1	-26	24.2	8.7	∧∨	
138	-27°	4470	7	39.1	-27	25.3	8.6	∧∨	
139	-27°	4494	7	40.2	-27	26.8	8.1	∧∨	
140	-27°	4477	7	39.4	-27	45.3	9.3	∧∨	
141	-28°	4777	7	38.9	-28	8.1	8.4	∧∨	
142	-28°	4767	7	38.5	-28	6.5	8.0	∧∨	
143	-28°	4763	7	38.4	-28	7.8	9.4	∧∨	
144	-28°	4750	7	37.9	-28	27.2	8.7	∧∨	
145	-28°	4701	7	36.0	-28	39.7	9.0	∧∨	
146	-28°	4684	7	35.4	-28	38.2	8.3	∧∨	
147	-28°	4674	7	34.7	-28	53.8	7.2	∧∨	
148	-28°	4666	7	34.5	-28	56.9	8.5	∧∨	
~~149~~									
~~150~~									
~~151~~									
~~152~~									

Identified by ANC. June 14, 1913
Checked July 31, 1913 HDW.
Cards made out by H.C.W.
Cards checked by E.K.W.

✓	149	-24	5514	7	25.7	-24	24	F.6	83m B42835
✓	150	-25	4750	7	30.4	-25	52	F,1	94 " "
✓	151	-28°	4607	7	32.0	-28	52	8.7	328 on B42915
✓	152	-29°	4619	7	30.6	-29	7	9.3	331 " "
✓	153	-29°	4517	7	26.9	-29	12	8.9	337 " "
✓	154	-28°	4428	7	25.0	-28	40	8.6	325 " "

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Tuesday, Sept. 29, 1913

B342951 Long Disp.

10.30	No.	Dist.	Class	Remarks
M.A.G. Dec.	1	3	A2	
	2	7	A0	
	3	5	B9	
	4	3	A0	
	5	3	B8	
	6	3	B9	
	7	7	A2	
	8	2	A2	
	9	2	B8	
	10	3	A2	
	11	9	B8	
	12	2	F8	
	13	2	B9	
	14	7	B9	
	15	7	B3	
	16	8	A5	
	17	7	B8	
	18	3	F2	
	19	4	B0	Lines very faint from B to E. K well marked.
	20	7	B9	
	21	2	A0	
	22	3	K0	
	23	3	A2	
	24	5	B9	
	25	2	A0	
10.36	26	5	B5	(See also B342194)
27	27	6	B8	
	28	4	A0	

1	−53° 2536	9	41.0	−53	40	7.4	✓		
2	−53° 2788	9	39.5	−53	19	6.0	✓		
3	−54° 2594	9	37.7	−54	39	6.2	✓		
4	−54° 2579	9	36.8	−54	25	7.4	✓		
5	−54° 2554	9	35.3	−54	11	7.2	✓		
6	−53° 2664	9	33.9	−53	39	7.0	✓		
7	−53° 2646	9	33.0	−53	6	6.2	✓		
8	−54° 2417	9	28.7	−54	17	7.6	✓		
9	−54° 2290	9	22.5	−54	20	7.4	✓		
10	−52° 2387	9	23.9	−52	58	7.6	✓		
11	−52° 2360	9	22.2	−52	50	6.2	✓		
12	−52° 2346	9	21.5	−52	42	7.6	✓		
13	−51° 3865	9	25.1	−51	53	7.7	✓		
14	−50° 4209 −51° 3865	9	25.8 25.1	−50 −51	58 53	5.9 7.7	✓		
15	−50° 4270	9	29.8	−50	42	5.4	✓		
16	−48° 4836	9	32.4	−48	48	4.9	✓		
17	−48° 4802	9	29.3	−48	27	5.6	✓		
18	−51° 3767	9	19.8	−51	12	6.6	✓		
19	−51° 3693	9	14.6	−51	2	6.3	✓		
20	−50° 4001	9	13.9	−50	32	5.8	✓		
21	−50° 3979	9	12.9	−50	55	7.8	✓		
22	−51° 3553	9	6.0	−51	35	7.1	✓		
23	−53° 2164	9	5.0	−53	5	7.7	✓		
24	−53° 2205	9	7.8	−53	31	7.2	✓		
25	−52° 2074	9	9.2	−52	57	7.5	✓		
26	−53° 1957	9	3.0	−53	18	5.8	✓	245 m B3585	
27	−54 4420	9	350	−50	39	6.8			
28	−52 2126								

355m B342795

Identified on cards by Anne. Sept. 4, 1914

Identified here Sept. 14 1914 Compared by B.R.B.

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Wednesday October 8, 1913

11.18

B40082 short.

No	Dist.	Class	Remarks
✓ 1	2	A5	
✓ 2	3	A3	[the N. p. of two]
✓ 3	3	F2	
✓ 4	2	K0	
✓ 5	1	F5	
✓ 6	4	K0	
✓ 7	3	F5	
✓ 8	4	K5	
✓ 9	2	K5	
✓ 10	3	K0	
✓ 11	1	A0	
✓ 12	2	K0	
✓ 13	1	F5	
✓ 14	2	K2	
✓ 15	1	K0	
✓ 16	1	F5	
✓ 17	2	K0	
✓ 18	4	A2	
✓ 19	1	K5	
✓ 20	3	A5	
✓ 21	3	A5	
✓ 22	1	F2	
✓ 23	1	K2	
✓ 24	3	K0	
✓ 25	1	K5	
✓ 26	9	F2	
✓ 27	5	F0	

1	−35°	6073	9	55.3	−35	21	9.0 ✓
2	−35°	6078	9	56.0	−35	4	8.9 ✓ −35° 6079 ap. 9.0
3	−34°	6347	9	56.2	−34	14	9.0 ✓
4	−34°	6356	9	56.7	−34	21	8.5 ✓
5	−34°	6359	9	57.1	−34	13	8.8 ✓
6	−34°	6383	9	58.5	−34	16	8.0 ✓
7	−33°	6638	9	59.3	−33	59	8.3 ✓
8	−34°	6393	9	59.5	−34	33	7.7 ✓
9	−35°	6135	10	0.4	−35	11	8.5 ✓
10	−35°	6134	10	0.3	−35	22	8.4 ✓
11	−35°	6126	9	59.3	−35	35	9.1 ✓
12	−35°	6158	9 10	1.7	−35	9	8.7 ✓
13	−35° 4°	6429	10	1.2	−34	49	9.0 ✓
14	−34°	6438	10	1.7	−34	16	9.0 ✓
15	−34°	6419	10	0.8	−34	25	9.3 ✓
16	−33°	6657	10	1.2	−33	56	8.9 ✓
17	−33°	6676	10	2.1	−33	50	9.3 ✓
18	−33°	6690	10	2.9	−33	31	8.5 ✓
19	−33°	6688	10	2.8	−33	49	9.0 ✓
20	−33°	6695	10	3.5	−33	51	8.9 ✓
21	−34°	6473	10	3.7	−34	28	9.0 ✓
22	−34°	6457	10	3.1	−34	34	9.5 ✓
23	−35°	6193	10	4.1	−35	3	8.9 ✓
24	−34°	6507	10	5.4	−34	12	8.3 ✓
25	−34°	6518	10	5.9	−34	34	8.5 ✓
26	−33°	6736	10	6.3	−33	43	6.9 ✓
27	−33°	6743	10	6.7	−33	17	7.9 ✓

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B40082 short.

No.	Dist	class	Remark
✓ 28	2	F8	
✓ 29	1	K2	
✓ 30	4	F2	
✓ 31	2	K0	
✓ 32	3	K0	
✓ 33	5	F2	
✓ 34	7	F8	
✓ 35	1	K5	
✓ 36	1	K0	
✓ 37	4	G5	
✓ 38	1	Ma	Plate spotted in region
✓ 39	6	F0	
✓ 40	5	K0	
✓ 41	7	K0	
✓ 42	9	G0	
✓ 43	3	A0	
✓ 44	1	F8	
✓ 45	4	A0	
✓ 46	4	A2	
✓ 47	3	Ma	
✓ 48	1	G5	
✓ 49	3	A5	
✓ 50	1	A	
✓ 51	3	K5	
✓ 52	2	G0	
✓ 53	2	G1	
✓ 54	2	G5	

28	−33°	6737	10	6.3	−33	6	8.7 ✓
29	−32°	7131	10	5.8	−32	0	9.4 ✓
30	−32°	7116	10	4.9	−32	57	8.3 ✓
31	−32°	7129	10	5.7	−32	34	8.7 ✓
32	−32°	7089	10	3.3	−32	15	8.5 ✓
33	−32°	7092	10	3.6	−32	21	8.3 ✓
34	−32°	7101	10	4.0	−32	14	7.8 ✓
35	−32°	7109	10	4.4	−32	24	8.6 ✓
36	−32°	7100	10	4.0	−32	42	9.1 ✓
37	−32°	7125	10	5.6	−32	8	8.2 ✓
38	−32°	7136	10	6.6	−32	6	8.0 ✓
39	−32°	7139	10	6.8	−32	3	8.4 ✓
40	−32°	7140	10	6.9	−32	4	7.3 ✓
41	−31°	8051	10	7.2	−31	53	7.3 ✓
42	−32°	7158	10	7.9	−32	25	6.7 ✓
43	−32°	7174	10	9.5	−32	47	8.3 ✓
44	−32°	7182	10	10.1	−32	39	8.4 ✓
45	−32°	7202	10	11.2	−32	26	8.1 ✓
46	−32°	7208	10	11.6	−32	20	8.1 ✓
47	−31°	8102	10	10.2	−31	38	7.7 ✓
48	−32°	7204	10	11.5	−32	3	9.0 ✓
49	−32°	7207	10	11.6	−32	4	8.3 ✓
50	−31°	8125	10	11.9	−31	50	9.4 ✓
51	−31°	8145	10	13.0	−31	55	7.5 ✓
52	−31°	8120	10	11.6	−31	14	8.7 ✓
53	−31°	8131	10	12.3	−31	26	8.5 ✓
54	−31°	8147	10	13.1	−31	8	8.5 ✓

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B 40082 chrX

No.	Dist.	class	Remark
✓ 55	4	F5	
✓ 56	4	K0	
✓ 57	6	K0	
✓ 58	9	F8	
✓ 59	2	K0	
✓ 60	1	K	
✓ 61	21	K0	
✓ 62	4	A5	
✓ 63	21	F8	
✓ 64	1	K0	
✓ 65	8	A0	
✓ 66	1	F2	
✓ 67	3	A2	
✓ 68	21	F0	
✓ 69	3	F2	
✓ 70	1	A	
✓ 71	21	A2	
✓ 72	3	A3	
✓ 73	3	K0	
✓ 74	1	A2	
✓ 75	1	G5	
✓ 76	21	A5	
✓ 77	1	F8	
✓ 78	10	A0	
✓ 79	21	G5	
✓ 80	1	A	
✓ 81	1	K5	

55	−31°	8160	10	13.8	−31	16	8.1 ✓
56	−30°	8363	10	14.4	−30	59	8.0 ✓
57	−30°	8366	10	14.5	−30	57	7.8 ✓
58	−31°	8175	10	14.9	−31	11	6.9 ✓
59	−32°	7243	10	14.1	−32	6	8.2 ✓
60	−31°	8159	10	13.8	−31	55	8.5 ✓
61	−32°	7231	10	13.3	−32	21	8.7 ✓
62	−32°	7230	10	13.3	−32	38	8.8 ✓
63	−32°	7232	10	13.3	−32	35	8.5 ✓
64	−33°	6834	10	12.0	−33	2	8.9 ✓
65	−33°	6822	10	11.3	−33	30	7.5 ✓
66	−33°	6788	10	9.5	−33	17	9.0 ✓
67	−33°	6787	10	9.5	−33	44	8.8 ✓
68	−33°	6799	10	10.0	−33	37	8.8 ✓
69	−33°	6801	10	10.1	−33	53	8.7 ✓
70	−33°	6807	10	10.6	−33	38	9.0 ✓
71	−33°	6809	10	10.7	−33	44	8.9 ✓
72	−33°	6812	10	10.9	−33	54	8.5 ✓
73	−33°	6833	10	11.8	−33	47	8.3 ✓
74	−34°	6576	10	11.8	−34	5	9.6 ✓
75	−34°	6600	10	12.1	−34	15	8.7 ✓
76	−34°	6590	10	11.3	−34	47	9.0 ✓
77	−35°	6281	10	11.4	−35	14	9.0 ✓
78	−33°	6863	10	13.6	−33	0	6.8 ✓
79	−33°	6840	10	12.4	−33	45	9.0 ✓
80	−33°	6859	10	13.5	−33	36	9.0 ✓
81	−33°	6872	10	14.2	−33	47	8.7 ✓

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Wednesday October 8, 1913
B400 82 chnt.

	No.	Dist.	Class	Remark
✓	82	3	G5	
✓	83	1	A	
✓	84	3	G0	
✓	85	2	K5	
✓	86	1	G	
✓	87	2	A0	
✓	88	2	F0	
✓	89	2	F0	
✓	90	4	A2	
✓	91	3	A5	
✓	92	1	K5	
✓	93	1	K2	
✓	94	1	A3	
✓	95	8	A2	
✓	96	1	A	
✓	97	3	F5	
✓	98	1	K2	
✓	99	2	K2	
11.30	✓	100	4	F0
Thursday Oct. 9. 1913	✓	101	6	F2
10,20	✓	102	5	G0
	✓	103	1	K0
	✓	104	2	G0 (Use s.f. stars)
	✓	105	3	F5
	✓	106	3	A0
	✓	107	3	B9
	✓	108	2	A2

82	−33°	6876	10	14.5	−33	53	8.7 ✓
83	−33°	6867	10	13.9	−33	56	9.7 ✓
84	−34°	6652	10	15.8	−34	45	8.4 ✓
85	−35°	6335	10	14.9	−35	14	8.7 ✓
86	−34°	6662	10	16.6	−34	34	8.7 ✓
87	−34°	6667	10	17.3	−34	4	8.9 ✓
88	−34°	6675	10	18.1	−34	18	8.5 ✓
89	−33°	6917	10	17.4	−33	31	8.7 ✓
90	−33°	6925	10	18.1	−33	38	8.3 ✓
91	−32°	7296	10	17.2	−32	59	8.7 ✓
92	−32°	7260	10	15.2	−32 (3)	0	8.5 ✓
93	−32°	7273	10	15.8	−32	30	9.1 ✓
94	−32°	7255	10	15.0	−32	8	9.4 ✓
95	−32°	7252	10	14.6	−32	30	7.6 ✓
96	−31°	8180 (79)	10	15.3	−31	41	9.0 ✓
97	−31°	8207 (6)	10	16.5 (6)	−31	43 (7)	8.8 (2) ✓
98	−31°	8210	10	16.9	−31	45	8.6 ✓
99	−31°	8213	10	17.5	−31	56	7.9 ✓
100	−30°	8394	10	16.5	−30	53	8.7 ✓
101	−33°	6554	9	53.3	−33	4	8.2 ✓
102	−32°	6942	9	53.7	−32	55	8.5 ✓
103	−32°	6945	9	54.2	−32	53	8.7 ✓
104	−32°	6951	9	54.4	−32	36	9.2 ✓
105	−32°	6968	9	55.6	−32	31	8.8 ✓
106	−32°	6979	9	56.1	−32	36	8.9 ✓
107	−32°	6980	9	56.1	−32	58	9.0 ✓
108	−33°	6588	9	55.4	−33	40	9.3 ✓

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B40082 plate

Nos.	Dec.	Class	Remark
109	3	F2	
110	2	F0	
111	3	K5	
112	3	G5	
113	2	A0	
114	2	G5	
115	2	G5	
116	3	A0	
117	8	K0	
118	1	A0	
119	2	G0	
120	2	K5	
121	1	A3	
122	7	F0	
123	2	F8	
124	3	F0	
125	1	K	
126	1	G	
127	1	A	
128	4	F0	
129	5	A5	
130	8	A2	
131	2	F2	
132	1	K0	
133	2	F2	
134	2	F5	
135	1	K5	

109	−33°	6589	9	55.6	−33	42	8.6	✓
110	−33°	6590	9	55.7	−33	42	9.1	✓
111	−34°	6342	9	55.7	−34	1	8.3	✓
112	−33°	6601	9	56.4	−33	53	8.3	✓
113	−34°	6334	9	55.0	−34	19	9.3	✓
114	−34°	6336	9	55.2	−34	5	9.0	✓
115	−33°	6602	9	56.5	−33	5	9.0	✓
116	−33°	6615	9	57.9	−33	4	9.0	✓
118	−32°	7009	9	57.9	−32	38	6.9	✓
119	−32°	7023	9	58.8	−32	43	8.7	✓
~~120~~ 119	−32°	7026	9	59.0	−32	24	8.5	✓
120	−32°	7037	9	59.8	−32	9	8.5	✓
121	−32°	7039	9	59.9	−32	30	9.3	✓
122	−32°	7040	10	0.0	−32	48	7.4	✓
~~123~~ 122	−33°	6644	9	59.8	−33	16	9.0	✓
~~124~~ 123	−33°	6628	9	58.8	−33	37	8.8	✓
~~125~~ 124	−34°	6380	9	58.4	−34	1	9.1	✓
~~126~~ 125	−33°	6651	10	0.3	−33	34	8.7	✓
~~127~~ 126	−33°	6637	9	59.3	−33	27	9.5	✓
~~128~~ 127	−32°	7073	10	2.1	−32	38	8.8	✓
~~130~~ 129	−31°	7978	10	2.4	−31	59	8.3	✓
130	−31°	7980	10	2.5	−31	27	7.7	✓
~~132~~ 131	−31°	7920	9	58.7	−31	8	9.0	✓
~~133~~ 132	−31°	7917	9	58.4	−31	50	8.5	✓
~~134~~ 133	−32°	7008	9	57.7	−32	6	8.9	✓
134	−32°	7021	9	58.7	−32	4	8.9	✓
135	−31°	7905	9	57.6	−31	26	8.7	✓

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B40082 sheet

No.	Dist.	class	Remarks
✓ 136	4	A2	Another star superposed s.p.
✓ 137	3	F5	
✓ 138	8	K0	
✓ 139	1	K5	
✓ 140	1	K5	
✓ 141	3	F2	
✓ 142	1	K2	
✓ 143	1	K2	
✓ 144	2	F0	
✓ 145	5	B0	
✓ 146	5	K2	
✓ 147	4	A2	
✓ 148	3	B9	
✓ 149	1	A0	
✓ 150	2	B9	
✓ 151	1	K0	
✓ 152	1	K5	
✓ 153	2	F8	
✓ 154	1	G5	
✓ 155	3	K0	
✓ 156	1	K0	
✓ 157	2	F8	
✓ 158	1	A5	
✓ 159	1	G5	
✓ 160	3	K5	
✓ 161	6	A0	
✓ 162	4	A2	

136	−31°	7931	9	59.6	−31	32	8.2	✓
137	−30°	8163	9	59.7	−30	35	8.7	✓
138	−30°	8169	10	0.2	−30	17	6.9	✓
139	−30°	8175	10	0.4	−30	36	8.6	✓
140	−30°	8185	10	1.0	−30	33	8.6	✓
141	−31°	7956	10	1.2	−31	9	8.7	✓
142	−30°	8182 / 7956	10	0.2 / 8	−30	56 / 9	8.7 / 4	✓
143	−31°	7959	10	1.3	−31	24	8.8	✓
144	−31°	7947	10	0.6	−31	58	9.7	✓
145	−30°	8212	10	3.0	−30	30	7.5	✓
146	−30°	8230	10	4.6	−30	18	7.9	✓
147	−31°	8030	10	6.0	−31	6	8.0	✓
148	−31°	8032	10	6.1	−31	34	8.3	✓
149	−31°	8026	10	5.6	−31	43	8.9	✓
150	−31°	7997	10	3.6	−31	10	9.0	✓
151	−31°	8024	10	5.5	−31	29	9.2	✓
152	−31°	8028	10	5.7	−31	26	8.5	✓
153	−31°	8047	10	6.9	−31	17	8.6	✓
154	−31°	8053	10	7.4	−31	16	9.0	✓
155	−30°	8269	10	7.9	−30	56	8.1	✓
156	−30°	8267	10	7.7	−30	50	9.0	✓
157	−31°	8074	10	8.5	−31	10	8.5	✓
158	−31°	8084	10	9.0	−31	48	9.0	✓
159	−30°	8291	10	10.1	−30	59	9.0	✓
160	−30°	8290	10	10.1	−30	52	8.2	✓
161	−30°	8292	10	10.1	−30	35	7.8	✓
162	−30°	8275	10	9.1	−30	12	7.5	✓

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B 40082 Hint

No.	Dec.	Class	Remark
✓ 163	5	F5	
✓ 164	1	K0	
✓ 165	1	K2	
✓ 166	5	K0	
✓ 167	1	G5	
✓ 168	1	K5	
✓ 169	2	F8	
✓ 170	1	K0	
✓ 171	3	G0	
✓ 172	3	F8	
✓ 173	4	A2	
✓ 174	3	F5	Another star superposed a f.
✓ 175	1	K0	
✓ 176	1	K0	
✓ 177	2	A0	
✓ 178	4	K0	
✓ 179	1	K2	
✓ 180	5	F0	
✓ 181	2	A3	
✓ 182	3	F8	
✓ 183	1	A0	
✓ 184	1	A0	
✓ 185	5	K5	
✓ 186	6	A2	
✓ 187	5	F5	
✓ 188	2	G5	
✓ 189	5	F0	

163	−30°	8312	10	11.3	−30	18	8.5 ✓
164	−30°	8303	10	10.8	−30	45	8.8 ✓
165	−30°	8341	10	13.2	−30	48	9.0 ✓
166	−30°	8356	10	14.0	−30	22	7.5 ✓
167	−30°	8361	10	14.3	−30	44	9.3 ✓
168	−30°	8378	10	15.2	−30	30	9.0 ✓
169	−29°	8066	9	59.3	−29	56	8.7 ✓
170	−30°	8138	9	57.4	−30	48	9.0 ✓
171	−29°	8070	9	59.5	−29 −30	38	8.7 ✓
172	−29°	8085	10	0.8	−29	31	8.1 ✓
173	−29°	8109	10	2.2	−29	38	8.4 ✓
174	−30°	8207	10	2.8	−30	5	9.0 ✓ −30°8209 sup. 9.3
175	−30°	8222	10	4.0	−30	20	8.7 ✓
176	−30°	8252	10	6.5	−30	18	8.7 ✓
177	−30°	8263	10	7.2	−30	26	8.9 ✓
178	−29°	8184	10	7.8	−29	48	7.6 ✓
179	−30°	8304	10	11.0	−30	17	8.7 ✓
180	−35°	6392	10	18.7	−35	1	7.7 ✓
181	−34°	6686	10	19.1	−34	59	8.8 ✓
182	−33°	6921	10	17.9	−33	6	8.7 ✓
183	−32°	7307	10	17.9	−32	35	9.4 ✓
184	−32°	7310	10	18.0	−32	36	9.1 ✓
185	−32°	7321	10	19.0	−32	51	7.7 ✓
186	−33°	6951	10	20.0	−33	8	8.5 ✓
187	−33°	6969	10	21.0	−33	3	8.3 ✓
188	−33°	6971	10	21.3	−33	23	8.5 ✓
189	−33°	6982	10	22.2	−33	45	7.3 ✓

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Thursday October 9, 1913

B40082 short

	No.	Dur.	class	Remark
✓	190	3	Ao	
✓	191	2	Mb	
✓	192	1	Ko	
10.35 ✓	193	1	A2	
	194			

190	−33°	6967	10	21.0	−33	56	8.9 ✓
191	−34°	6713	10	21.0	−34	4	8.3 ✓
192	−34°	6693	10	19.8	−34	6	8.7 ✓
193	−34°	6702	10	20.3	−34	7	9.0 ✓

Identified on cards by AMC. June 17, 1914

Identified in book by J.C.M. June 23, 1914

Identification compared cards & book. By E.R.B.

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Thursday October 9, 1913

10.35

B 3997 39 Orion.

	No.	Dist.	Class	Remarks
v	1	2	A3	
v	2	4	G5	
v	3	4	F8	
v	4	5	F8	
v	5	8	B9	
v	6	8	A0	
✓	7	2	K2	
v	8	3	K2	
v	9	4	K0	
v	10	2	K0	
✓	11	21	A0	
✓	12	2	G0	
✓	13	4	F5	
✓	14	1	K5	
v	15	2	G0	
v	16	1	K2	
✓	17	9	A0	
v	18	2	G2	
✓	19	5	G5	
✓	20	2	A3	
v	21	7	F8	
✓	22	5	F5	
✓	23	4	F5	
v	24	21	A2	
✓	25	1	K2	
v	26	10	B8	
✓	27	1	K0	

1	-28° 7855	9	57.3	-28	48	8.9	✓	
2	-28° 7862	9	58.0	-28	26	7.8	✓	
3	-27° 7185	9	58.3	-27	53	7.7	✓	-27° 7186 9 58.3 -27 49 8.9 super.
4	-27° 7171	9	58.6	-27	46	7.5	✓	
5	-27° 7179	9	59.1	-27	35	6.9	✓	
6	-27° 7183	9	59.5	-27	35	6.9	✓	
7	-28° 7901	10	0.8	-28	2	8.0	✓	
8	-28° 7907	10	1.4	-28	16	8.0	✓	
9	-28° 7899	10	0.4	-28	31	7.4	✓	
10	-28° 7903	10	1.0	-28	31	8.0	✓	
11	-28° 7918	10	1.9	-28	39	9.2	✓	
12	-29° 8092	10	1.2	-29	21	8.3	✓	
13	-29° 8128	10	3.2	-29	8	7.7	✓	
14	-28° 7923	10	2.3	-28	27	9.1	✓	
15	-28° 7936	10	3.0	-28	22	8.6	✓	
16	-28° 7947	10	4.3	-28	40	8.3	✓	
17	-27° 7211	10	6.4	-27	60	6.4	✓	
18	-27° 7278	10	7.2	-27	53	8.3	✓	
19	-28° 7991	10	7.1	-28	53	7.2	✓	
20	-28° 8019	10	9.1	-28	12	8.6	✓	
21	-27° 7328	10	10.4	-27	60	7.1	✓	
22	-28° 8041	10	10.6	-28	21	7.6	✓	
23	-29° 8234	10	11.3	-29	3	7.5	✓	
24	-29° 8241	10	12.0	-29	21	8.7	✓	
25	-28° 8065	10	12.1	-28	37	8.3	✓	
26	-28° 8070	10	12.4	-28	22	5.8	✓	
27	-28° 8063	10	12.0	-28	12	8.2	✓	

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Thursday October 9, 1913 39

B 39985
B 40083 plant

	No.	Dist.	Class	Remark
v	28	4	F0	
v	29	3	G0	
v	30	1	K2	
✓	31	3	F5	
v	32	3	A2	
✓	33	2	K2	
v	34	1	G5	
✓	35	2	G5	
v	36	3	K2	
✓	37	5	G0	
v	38	3	G5	
v	39	8	F0	
v	40	1	G5	
v	41	1	F0	
v	42	2	K2	
✓	43	1	G5	
v	44	4	F0	
v	45	1	K0	
✓	46	2	K0	
v	47	2	G5	
v	48	1	A2	
v	49	1	K0	
v	50	2	G5	
✓	51	2	A3	
v	52	3	F0	
v	53	5	Bq	Another star superposed at south
✓	54	1	K5	

28	−28° 8081	10	13.41	−28	20	8.41			✓
29	−28° 8091	10	14.0	−28	20	8.2			✓
30	−28° 8089	10	12.8	−28	47	8.4			✓
31	−27° 7367	10	13.1	−27	49	8.0			✓
32	−27° 7366	10	13.0	−27	38	8.6			✓
33	−28° 8094	10	14.4	−28	3	7.8			✓
34	−27° 7382	10	14.2	−27	48	8.8			✓
35	−28° 8105	10	15.2	−28	7	8.4			✓
36	−27° 7398	10	15.8	−27	39	8.0			✓
37	−27° 7406	10	17.1	−27	23	7.6			✓
38	−26° 7739	10	6.4	−26	39	8.2			✓
39	−26° 7752	10	7.6	−26	25	6.4			✓
40	−26° 7766	10	8.8	−26	25	8.8			✓
41	−26° 7768	10	9.1	−26	32	9.3			✓
42	−26° 7769	10	9.1	−26	42	8.7			✓
43	−26° 7788	10	10.0	−26	50	8.9			✓
44	−27° 7329	10	10.5	−27	5	8.0			✓
45	−27° 7291	10	8.0	−27	21	8.2			✓
46	−26° 7813	10	12.1	−26	56	8.3			✓
47	−26° 7816	10	12.4	−26	34	8.7	−26° 7817 10 12.4 −26 32 9.5 super.		✓
48	−26° 7826	10	13.0	−26	58	9.2			✓
49	−26° 7840	10	14.3	−26	55	8.3			✓
50	−26° 7838	10	13.9	−26	33	8.4			✓
51	−26° 7843	10	14.7	−26	27	8.7			✓
52	−25° 7887	10	10.2	−25	53	8.6			✓
53	−25° 7888	10	10.2	−25	58	8.3	−26° 7790 10 10.2 −26 0 8.8 super.		✓
54	−26° 7806	10	11.5	−26	14	8.7			✓

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Thursday October 9, 1913

B 399 39 plat.

	No.	Dist.	Class	Remark
✓	55	5	K0	
✓	56	2	K0	
✓	57	6	F0	
✓	58	1	K2	
✓	59	4	K2	
✓	60	2	A0	
✓	61	1	K	
✓	62	1	F8	
✓	63	1	K2	
✓	64	1	K	
✓	65	2	K0	
✓	66	4	A5	
✓	67	2	K2	
✓	68	5	K0	
✓	69	3	F2	
✓	70	1	K0	
✓	71	2	B5	
✓	72	2	F8	
✓	73	3	A3	
✓	74	3	K0	
10.47	✓	75	2	B8
10.55	✓	76	3	K2
	✓	77	4	K3
	✓	78	5	F8
	✓	79	1	K5
	✓	80	3	K0
	✓	81	5	F0

55	-25° 7916	10	12.6	-25	52	7.7	✓
56	-26° 7635	9	57.7	-26	47	8.3	✓
57	-26° 7639	9	58.0	-26	18	7.7	✓
58	-27° 7172	9	58.8	-27	8	8.2	✓
59	-26° 7663	10	0.2	-26	40	7.6	✓
60	-26° 7672	10	0.7	-26	49	8.9	✓
61	-27° 7185	10	59.8	-27	7	8.7	✓
62	-27° 7204	10	0.7	-27	32	8.6	✓
63	-27° 7213	10	1.5	-27	42	8.6	✓
64	-27° 7223	10	2.2	-27	30	8.9	✓ -27 7221 10 2.2 -27 33 9.5 super.
65	-27° 7238	10	3.6	-27	17	7.9	✓
66	-27° 7248	10	4.5	-27	35	8.2	✓
67	-26° 7692	10	1.8	-26	32	8.5	✓
68	-25° 7756	10	0.7	-25	59	7.7	✓
69	-25° 7752	10	0.2	-25	38	8.4	✓
70	-25° 7778	10	2.4	-25	44	8.5	✓
71	-25° 7805	10	4.5	-25	28	8.7	✓
72	-25° 7810	10	4.9	-25	31	8.6	✓
73	-25° 7824	10	6.1	-25	51	8.5	✓
74	-26° 7734	10	5.9	-26	5	8.1	✓
75	-25° 7833	10	6.8	-25	57	8.5	✓
76	-24° 8898	10	9.1	-24	58	8.1	✓
77	-24° 8898	10	9.2	-24	44	8.0	✓
78	-25° 7957	10	15.6	-25	38	8.1	✓
79	-25° 7976	10	16.9	-25	55	8.8	✓
80	-26° 7876	10	17.0	-26	2	8.1	✓
81	-26° 7884	10	18.4	-26	48	8.0	✓

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Thursday October 9, 1913

B 3999 39 short

	No.	Dist.	class	Remark
✓	82	5	F2	
✓	83	3	K2	
✓	84	2	G5	
✓	85	1	F0	
✓	86	1	F0	
✓	87	1	G5	
✓	88	2	K2	
✓	89	1	K2	
✓	90	3	A3	
✓	91	2	K2	
11.5 ? ✓	92	1	K5	
	93			
	93	6	A3	Bonte plate unfortunately A0
	94	2	F8	

82	−26°	7896	10	18.9	−26	39	8.1		✓
83	−26°	7901	10	19.2	−26	59	7.7		✓
84	−29°	7429	10	19.1	−27	24	8.8		✓
85	−28°	8117	10	16.1	−28	15	8.5		✓
86	−28°	8121	10	16.6	−28	22	8.8		✓
87	−28°	8125	10	16.6	−28	13	8.5		✓
88	−28°	8145	10	17.8	−28	30	8.0		✓
89	−28°	8144	10	17.8	−28	49	8.5		✓
90	−29°	8291	10	15.8	−29	37	9.0		✓
91	−29°	8276	10	14.8	−29	53	8.0		✓
92	−29°	8310	10	17.8	−29	28	8.7		✓
~~93~~									

Identified on cards by AMC. May 26, 1914

Identified here June 29 1914 WDW.

Identification compared cards + book. By EBS.

✓ 93	−28	7838 7839	9	56.2	−28	4 5	8.6 9.0	~~Bonte plate~~ 209 in B228	
✓ 94	−30	8391	10	16.3	−30	3	8.5	7 in B.30×8	

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Thursday October 9, 1913

11.00 B13048 cloudy

No.	Dist	class	Remark
1	3	K0	
2	4	K5	
3	6	K5	
4	10	F0	
5	2	K0	
6	5	A2n	
7	1	G	
8	1	A2n	
9	4	A0	
10	5	A2n	
11	2	A3	
12	4	F0	
13	5	A0	
14	10+	K	
15	3	F5	
16	10+	A	
17	3	A0	
18	4	F8	
19	7	A2n	
20	4	K2	
21	2	K5	
22	4	K0	
23	3	G0	
24	1	K2n	
25	1	F5	
26	6	F2	
27	3	F5	

1	-29°	8292	10	15.8	-29	17.9	8.0 ✓
2	-28°	8124	10	16.6	-28	55.7	7.6 ✓
3	-29°	8316	10	18.2	-29	1.8	7.6 ✓
4	-29°	8306	10	17.5	-29	31.4	6.6 ✓
5	-30°	8402	10	16.9	-30	1.7	8.0 ✓
6	-30°	8411	10	17.9	-30	17.4	7.6 ✓
7	-30°	8391	10	16.3	-30	3.3	8.5 ✓
8	-30°	8432	10	19.0	-30	13.2	8.7 ✓
9	-30°	8449	10	20.6	-30	0.0	8.4 ✓
10	-29°	8337	10	20.5	-29	29.4	8.3 ✓
11	-29°	8328	10	19.2	-29	18.9	8.3 ✓
12	-29°	8341	10	20.7	-29	22.4	8.5 ✓
13	-29°	8345	10	21.1	-29	25.9	8.1 ✓
14	-30°	8465	10	21.4	-30	26.2	4.4 ✓
15	-29°	8380	10	23.6	-29	54.1	8.5 ✓
16	-29°	8383	10	23.8	-29	57.6	6.0 ✓
17	-31°	8260	10	21.1	-31	21.2	8.3 ✓
18	-31°	8259	10	20.9	-31	37.6	8.0 ✓
19	-32°	7389	10	23.8	-32	45.9	7.8 ✓
20	-32°	7391	10	23.9	-32	18.3	7.5 ✓
21	-32°	7404	10	24.5	-32	4.2	8.1 ✓
22	-31°	8330	10	27.0	-31	55.2	7.5 ✓
23	-31°	8320	10	26.4	-31	12.1	8.0 ✓
24	-31°	8298	10	24.4	-31	33.8	8.4 ✓
25	-31°	8287	10	23.3	-31	39.1	8.3 ✓
26	-30°	8546	10	29.0	-30	42.3	7.3 ✓
27	-30°	8564	10	30.5	-30	42.2	8.2 ✓

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Thursday October 9, 1913

B13048 plate

	No.	Dist.	Class	Remark
	28	5	A0	
	29	1	K0	
11.07	30	5	K0	
Friday October 10, 1913	31	3	A3	
11.05	32	8	A0	
	33	1	G	Partly superposed on 32
	34	2	K0	
	35	3	K2	
	36	1	G5	
	37	2	K2	
	38	1	K5	
	39	3	F0	
	40	7	G0	
	41	1	A0	
	42	2	A0	
	43	1	K2	
	44	2	A0	
	45	7	K0	
	46	1	F	
	47	1	K0	
	48	4	K0	
	49	1	K0	
	50	1	K0	
	51	2	A3	
	52	2	A0	
	53	5	F5	
	54	5	K0	

28	−30°	8567	10	30.7	−30	55.0	8.3	✓
29	−31°	8376	10	30.9	−31	0.6	7.9	✓
30	−31°	8883	10	31.4	−31	6.7	7.0	✓
31	−32°	7472	10	30.6	−32	11.2	8.0	✓
32	−32°	7479	10	30.9	−32	38.0	6.9	✓
33	−32°	7475	10	30.7	−32	33.5	9.3	✓
34	−33°	7081	10	29.0	−33	7.8	8.1	✓
35	−32°	7439	10	27.1	−32	43.6	8.0	✓
36	−32°	7429	10	26.1	−32	29.3	9.1	✓
37	−32°	7424	10	26.0	−32	25.6	8.1	✓
38	−33°	6995	10	22.9	−33	1.9	8.3	✓
39	−33°	6986	10	22.3	−33	25.6	8.5	✓
40	−33°	6982	10	22.2	−33	45.3	7.3	✓
41	−33°	6992	10	22.7	−33	39.6	8.9	✓
42	−33°	6967	10	21.0	−33	56.0	8.9	✓
43	−34°	6755	10	23.7	−34	23.2	8.3	✓
44	−34°	6777	10	25.5	−34	16.1	8.9	✓
45	−34°	6783	10	25.9	−34	28.6	7.5	✓
46	−33°	7018	10	24.2	−33	55.3	8.5	✓
47	−34°	6816	10	28.3	−34	19.7	8.5	✓
48	−34°	6826	10	29.2	−34	25.7	7.7	✓
49	−34°	6846	10	31.3	−34	3.7	8.8	✓
50	−34°	6848	10	31.3	−34	15.7 / 3.7	8.8	✓
51	−33°	7112	10	31.8	−33	32.3	8.7	✓
52	−33°	7118	10	32.2	−33	20.0	8.7	✓
53	−33°	7137	10	33.4	−33	17.0	7.9	✓
54	−32°	7529	10	34.1	−32	57.6	7.3	✓

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Friday October 10, 1913

B 13148 clear.

No.	Sect.	Class	Remark
55	4	G5	
56	2	K2	Partly superposed on 57
57	3	K0	
58	7	F2	
59	2	K0	
60	2	A0	
61	1	A	
62	1	A2	
63	1	G5	
64	3	F8	
65	3	G0	
66	2	A5	
67	7	K0	
68	8	A0	
69	10+	A	Burned out.
70	4	A0	
71	6	A0	
72	3	K5	
73	5	A2	
74	2	K0	
75	2	K5	
76	2	K2	
77	1	A3	
78	4	M2	
79	6	F8	
80	5	K0	
81	4	G5	

55	-33°	7170	10	35.7	-33	3.0	7.5 ✓
56	-33°	7177	10	36.4	-33	4.0	7.8 ✓
57	-33°	7180	10	36.5	-33	3.0	8.8 ✓
58	-32°	7567	10	36.7	-32	59.6	7.7 ✓
59	-32°	7521	10	33.7	-32	10.0	7.6 ✓
60	-32°	7526	10	34.1	-32	5.0	8.5 ✓
61	-32°	7504	10	32.5	-32	35.6	8.7 ✓
62	-31°	8416	10	33.4	-31	21.0	8.7 ✓
63	-31°	8409	10	33.0	-31	5.0	8.0 ✓
64	-31°	8430	10	34.9	-31	17.0	8.0 ✓
65	-31°	8438	10	35.5	-31	11.0	8.1 ✓
66	-31°	8458	10	36.6	-31	13.0	8.8 ✓
67	-31°	8467	10	37.5	-31	6.0	6.8 ✓
68	-31°	8469	10	37.6	-31	29.4	7.3 ✓
69	-32°	7572	10	36.9	-32	3.7	5.9 ✓
70	-29°	8525	10	35.6	-29	52.9	8.0 ✓
71	-30°	8634	10	35.9	-30	6.1	7.6 ✓
72	-30°	8662	10	37.8	-30	12.4	7.3 ✓
73	-30°	8664	10	37.8	-30	26.4	8.0 ✓
74	-30°	8667	10	37.8	-30	33.4	8.0 ✓
75	-30°	8694	10	39.3	-30	41.1	7.8 ✓
76	-30°	8705	10	40.0	-30	12.0	8.0 ✓
77	-30°	8709	10	40.6	-30	48.1	8.9 ✓
78	-30°	8723	10	41.7	-30	56.3	7.5 ✓
79	-30°	8738	10	43.1	-30	23.7	7.5 ✓
80	-30°	8743	10	43.2	-30	6.7	7.5 ✓
81	-29°	8631	10	43.3	-29	58.4	8.0 ✓

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Friday October 10, 1913

B 13048 Hunt

No.	Int.	Class	Remark
82	2	A5	
83	5	A3	
84	10+	A	Burned out
85	3	K5	
86	2	K0	
87	2	K0	
88	1	A	
89	4	A0	
90	6	B9	
91	1	A	
92	2	F2	
93	3	A0	
94	2	F0	
95	5	K0	
96	1	K0	
97	1	K0	
98	1	K0	
99	10	B9	
100	4	A0	
101	7	A2	
102	5	A0	
103	3	A3	
104	5	F0	
105	7	F2	
106	1	K0	
107	1	K2	
108	1	K0	

82	-29°	8629	10	43.2	-29	50.0	8.3	✓
83	-29°	8634	10	43.5	-29	53.0	8.0	✓
84	-31°	8536	10	42.4	-31	1.8	6.2	✓
85	-30°	8745	10	43.4	-30	50.8	8.0	✓
86	-30°	8752	10	43.9	-30	44.5	8.3	✓
87	-32°	7598	10	38.6	-32	54.8	8.1	✓
88	-32°	7619	10	39.9	-32	29.8	9.0	✓
89	-32°	7625	10	40.6	-32	39.4	8.3	✓
90	-32°	7635	10	41.1	-32	44.7	8.1	✓
91	-32°	7639	10	41.3	-32	27.7	8.5	✓
92	-33°	7207	10	38.4	-33	36.0	8.6	✓
93	-34°	6975	10	41.2	-34	0.3	8.7	✓
94	-33°	7256	10	41.9	-33	38.6	8.5	✓
95	-34°	6931	10	37.4	-34	20.7	7.7	✓
96	-34°	6906	10	36.3	-34	25.1	8.5	✓
97	-34°	6870	10	33.3	-34	5.8	8.7	✓
98	-33°	7131	10	33.0	-33	50.6	8.7	✓
99	-35°	6590	10	32.0	-35	3.7	7.0	✓
100	-35°	6553	10	29.7	-35	10.7	8.5	✓
101	-35°	6521	10	27.8	-35	25.4	7.5	✓
102	-36°	6438	10	24.6	-36	2.7	8.3	✓
103	-36°	6426	10	23.7	-36	0.6	8.5	✓
104	-36°	6423	10	23.5	-36	15.7	8.0	✓
105	-35°	6447	10	22.7	-35	34.7	7.3	✓
106	-30°	8414	10	18.1	-30	55.4	7.8	✓
107	-30°	8417	10	18.3	-30	53.7	8.3	✓
108	-31°	8319	10	26.4	-31	31.8	9.2	✓

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Friday October 10, 1913

B 13048 shut

	No.	Dist.	class	Remark
	109	3	Go	
	110	1	A	
	111	1	Ko	
	112	6	A2	
	113	9	A0	
11.15	114	3	A3	
	115			

109	-29°	8480	10	31.6	-29	20.4	8.0	✓
110	-29°	8470	10	30.9	-29	53.9	8.3	✓
111	-29°	8454	10	29.4	-29	41.7	8.0	✓
112	-28°	8322	10	31.9	-28	26.6	7.9	✓
113	-28°	8306	10	30.8	-28	7.2	7.0	✓
114	-28°	8297	10	30.1	-28	29.3	8.4	✓

Identified by J C M Jan. 17, 1914.
Checked by A.M.C. Jan. 22, 1914
Cards made out by G.R.B.
Cards checked by A.M.C.

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Friday October 10, 1913

11.20

B41389 chart.

	No.	Dist.	Class	Remark
✓	1	2	h_5	
✓	2	1	K0	
✓	3	2	h_5	
✓	4	2	A2	
✓	5	3	M	
✓	6	6	F8	
✓	7	8	h_5	
✓	8	8	F8	
✓	9	3	K2	
✓	10	3	F0	
✓	11	2	A0	
✓	12	1	K2	
✓	13	1	A0	
✓	14	6	h_5	
✓	15	5	F0	
✓	16	5	A0	
✓	17	1	h_5	
✓	18	3	F5	
✓	19	1	K0	
✓	20	5	K0	
✓	21	2	K0	
✓	22	1	A0	
✓	23	1	A0	
✓	24	3	A5	
✓	25	5	A0	
✓	26	6	B9	
✓	27	7	h_5	

1	−35° 6236	10	7.6	−35	27	8.2	✓
2	−35° 6231	10	7.2	−35	37	8.2	✓
3	−36° 6342	10	18.5	−36	41	9.0	✓ −36° 6343 10 18.5 −36 42 9.2i Super.
4	−36° 6365	10	19.8	−36	38	9.0	✓
5	−36° 6399	10	21.6	−36	34	8.0	✓
6	−37° 6542	10	21.2	−37	29	8.0	✓
7	−37° 6577	10	23.6	−37	25	7.2	✓
8	−38° 6490	10	22.3	−38	14	7.7	✓
9	−38° 6501	10	23.2	−38	14	7.6	✓
10	−38° 6504	10	23.4	−38	53	8.4	✓
11	−38° 6512	10	24.1	−38	40	8.6	✓
12	−38° 6511	10	24.1	−38	24	8.7	✓
13	−38° 6519	10	24.3	−38	25	9.1	✓
14	−38° 6521	10	25.0	−38	25	7.3	✓
15	−38° 6526	10	25.6	−38	42	8.0	✓
16	−38° 6528	10	25.6	−38	29	8.4	✓
17	−38° 6539	10	26.3	−38	33	9.1	✓
18	−38° 6544	10	27.0	−38	40	9.1	✓
19	−38° 6541	10	26.6	−38	27	9.5	✓
20	−38° 6548	10	26.9	−38	6	7.5	✓
21	−38° 6551	10	27.6	−38	8	8.3	✓
22	−38° 6557	10	27.8	−38	17	9.0	✓
23	−38° 6560	10	28.1	−38	20	9.3	✓
24	−38° 6584	10	28.5	−38	46	9.0	✓
25	−39° 6479	10	27.7	−39	8	9.0	✓
26	−39° 6476	10	27.4	−39	17	8.2	✓
27	−39° 6488	10	28.0	−39	36	7.0	✓

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Friday October 10, 1913

B 41389 chart

No	Dur.	Class	Remark
✓ 28	3	Ko	
✓ 29	3	Fo	
✓ 30	3	Ao	
✓ 31	2	As	
✓ 32	1	Ko	
✓ 33	7	Ao	
✓ 34	3	Ka	
✓ 35	1	A2	
✓ 36	1	K	
✓ 37	1	K	The following of 2
✓ 38	1	K	
✓ 39	2	Ao	
✓ 40	3	Ao	
✓ 41	3	M	2, 6, 10
✓ 42	2	Ao	
✓ 43	4	Fo	
✓ 44	3	Ao	
✓ 45	7	F2	
✓ 46	5	A5	
✓ 47	6	F2	
✓ 48	5	Ao	
✓ 49	2	A5	
✓ 50	1	A	
✓ 51	2	K2	
✓ 52	3	K2	
✓ 53	2	Ao	
✓ 54	3	K2	

28	−39° 6449	10	25.9	−39	38	8.2	✓
29	−39° 6425	10	23.4	−39	37	9.0	✓
30	−39° 6423	10	23.2	−39	25	9.3	✓
31	−39° 6424	10	24.2	−39	31	10.0	✓
32	−39° 6446	10	25.6	−39	16	8.9	✓
33	−40° 6054	10	23.9	−40	20	7.4	✓
34	−40° 6082	10	26.2	−40	10	7.8	✓
35	−39° 6447	10	25.8	−39	54	9.5	✓
36	−40° 6079	10	25.8	−40	2	9.0	✓
37	−40° 6074	10	26.9	−40	8	8.7	✓
38	−39° 6464	10	27.0	−39	60	9.0	✓
39	−40° 6121	10	28.5	−40	2	8.5	✓
40	−38° 6572	10	29.5	−38	55	9.2	✓
41	−38° 6579	10	29.7	−38	55	8.9	✓
42	−39° 6510	10	29.9	−39	6	9.3	✓
43	−38° 6589	10	30.1	−38	57	9.1	✓
44	−38° 6585	10	29.9	−38	38	9.6	✓
45	−35° 6447	10	22.7	−35	35	7.3	✓
46	−36° 6426	10	23.7	−36	1	8.5	✓
	~~−35° 6454~~	~~10~~	~~23.8~~	~~−35~~	~~59~~	~~9.0~~	
47	−36° 6423	10	23.5	−36	16	8.0	✓
48	−36° 6438	10	24.6	−36	3	8.8	✓
49	−36° 6446	10	25.3	−36	9	8.5	✓
50	−36° 6448	10	25.5	−36	19	9.1	✓
51	−35° 6481	10	25.2	−35	37	8.5	✓
52	−35° 6488	10	25.6	−35	35	8.0	✓
53	−35° 6495	10	26.2	−35	51	9.0	✓
54	−35° 6509	10	27.2	−35	60	8.5	✓

This star = 6499 − 39° 6448 10 24.2 −39 30 9.3 (CPD) This is given as 6424 (CPD) − 39° 6438 not 6423 which makes the right ascension different − that & have no star at that spot. 6423 = −39° 6420 CPD see chart plate B 41389

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Friday October 10, 1913

B+1389 shot.

No.	Dist.	Class	Remarks
✓ 55	2	A	Partly superposed on 56
✓ 56	4	Ko	
✓ 57	6	A3	
✓ 58	3	A0	
✓ 59	1	K	
✓ 60	8	Bq	
✓ 61	4	b5	
✓ 62	3	A2	
✓ 63	4	b5	
✓ 64	3	A0	
✓ 65	1	Ko	
✓ 66	8	Bq	
✓ 67	4	b0	
✓ 68	7	A3	
✓ 69	2	A0	
✓ 70	5	Ko	
✓ 71	2	Ko	
✓ 72	7	A0	
✓ 73	1	K	
✓ 74	1	b5	
✓ 75	1	b0	
✓ 76	3	b5	
✓ 77	3	A0	
✓ 78	5	A0	
✓ 79	8	b5	
✓ 80	5	A2	
✓ 81	4	b5	

55	-35° 6506	10	27.1	-35	51	8.8	✓
56	-35° 6504 6494	10	27.1	-35	49	7.8	✓
57	-35° 6521	10	27.8	-35	25	7.5	✓
58	-35° 6553	10	29.7	-35	11	8.5	✓
59	-34° 6823	10	30.0	-34	55	8.5	✓
60	-35° 6570	10	32.0	-35	4	7.0	✓
61	-35° 6568	10	30.6	-35	43	8.3	
62	-36° 6505	10	30.2	-36	8	8.6	✓
63	-36° 6514	10	31.0	-36	13	8.3	✓
64	-36° 6463	10	27.2	-36	26	8.5	✓
65	-36° 6480	10	28.3	-36	31	9.0	✓
66	-36° 6485	10	28.7	-36	45	6.9	✓
67	-36° 6489	10	28.9	-36	43	8.3	✓
68	-36° 6501	10	29.9	-36	43	7.2	✓
69	-37° 6635	10	28.6	-37	12	8.9	✓
70	-37° 6639	10	29.0	-37	29	7.8	✓
71	-37° 6649	10	30.2	-37	24	8.8	✓
72	-37° 6661	10	31.2	-37	48	8.1	✓
73	-37° 6672	10	31.9	-37	25	8.0	✓
74	-36° 6507	10	30.6	-36	58 59	8.8	✓
75	-36° 6522	10	31.4	-36	53	8.8	✓
76	-36° 6533	10	31.9	-36	57	8.5	✓
77	-36 6528	10	31.8	-36	28	9.6	
78	-35° 6607	10	32.7	-35	38	8.7	✓
79	-36° 6585	10	33.6	-36	1	6.9	✓
80	-36° 6559	10	33.2	-36	56	8.2	✓
81	-37° 6699	10	33.8	-37	10	7.5	✓

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Friday October 10, 1913

B41389 Shot

No.	Dur.	class	Remark
✓ 82	7	A0	
✓ 83	4	K2	
✓ 84	1	A5	
✓ 85	5	A5	
✓ 86	4	A0	
✓ 87	9	G5	
✓ 88	10	A0	
✓ 89	3	G5	
✓ 90	1	K5	
✓ 91	2	G5	(Somewhat grainier. Looks exp. Ft. shot following pictately Unexplained)
✓ 92	1	K0	
✓ 93	3	A0	
✓ 94	1	G5	
✓ 95	1	K0	
✓ 96	5	A0	
✓ 97	8	F8	
✓ 98	2	K0	
✓ 99	5	B9	
✓ 100	2	F8	
✓ 101	5	F8	
✓ 102	1	A	
✓ 103	7	G0	
✓ 104	1	K0	
✓ 105	1	K	
✓ 106	3	A3	
✓ 107	1	F5	
✓ 108	3	K0	

82	−36°6366	10	33.7	−36	47	7.5	✓
83	−36°6372	10	34.1	−36	47	7.3	✓
84	−36°6373	10	34.2	−36	60	9.3	✓
85	−37°6718	10	35.2	−37	11	7.7	✓
86	−35°6641	10	34.9	−35	21	8.5	✓
87	−35°6646	10	25.2	−35	5	6.5	✓
88	−35°6656	10	35.8	−35	4	6.9	✓
89	−35°6668	10	36.6	−35	33	8.2	✓
90	−35°6664	10	36.3	−35	46	8.0	✓
91	−35°6645	10	35.1	−35	56	8.5	✓ −35°6647 10 35.2 −35 58 10 Sup. Exp.
92	−35°6630	10	34.1	−35	52	8.8	✓
93	−36°6626	10	37.8	−36	38	8.7	✓
94	−36°6624	10	37.7	−36	8	8.5	✓
95	−35°6675	10	37.3	−35	51	8.6	✓
96	−36°6640	10	38.6	−36	10	8.3	✓
97	−36°6644	10	38.9	−36	17	6.8	✓
98	−36°6651	10	39.2	−36	37	8.3	✓
99	−36°6655	10	39.7	−36	44	7.7	✓
100	−37°6763	10	38.2	−37	12	8.5	✓
101	−37°6769	10	39.0	−37	29	7.4	✓
102	−37°6767	10	38.7	−37	50	8.9	✓
103	−38°6693	10	38.0	−38	24	7.1	✓
104	−37°6702	10	34.1	−37	53	9.0	✓
105	−37°6650	10	34.7	−38	10	8.9	✓
106	−38°6619	10	32.5	−38	54	9.0	✓
107	−38°6618	10	32.5	−38	42	9.3	✓
108	−39°6554	10	34.0	−39	19	8.4	✓

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Friday October 10, 1913

B+1389 plint.

Nos.	Dec.	class	Remark
✓ 109	1	F8	
✓ 110	1	K	
✓ 111	1	G5	
✓ 112	1	K	
✓ 113	5	A0	
✓ 114	4	F0	
✓ 115	2	K0	
✓ 116	7	F8	
✓ 117	3	A5	
✓ 118	2	K2	
✓ 119	1	G5	
✓ 120	2	G5	
✓ 121	7	A3	
✓ 122	4	K2	
✓ 123	7	K0	
✓ 124	5	F0	
✓ 125	3	G5	
✓ 126	5	F2	
✓ 127	2	F2	
✓ 128	1	K0	
✓ 129	1	G5	
11.45 ✓ 130	1	G5	
131			

131 D. i. R2

109									
109	H10	−39° 6572	10	35.0	−39	1	9.0		✓
110	H11	−37° 6720	10	35.9	−37	44	9.1		✓
111	H12	−38° 6676	10	36.6	−38	1	9.1		✓
112	H13	−38° 6675	10	36.6	−38	27	8.9		✓
113	H14	−38° 6674	10	36.5	−38	44	8.5		✓
114		−38° 6672	10	36.5	−38	56	8.5		✓
115		−39° 6590	10	36.6	−39	2	8.6		✓
116		−40° 6231	10	36.4	−40	2	7.5		✓
117		−40° 6216	10	35.6	−40	5	8.4		✓
118		−40° 6205	10	34.6	−40	6	8.9	classified	✓
119		−39° 6588 −39° 6589	10 10	34.8 34.8	−39 −39	57 55	9.4 9.3	GKO of these with the others as proposed. Do not know which is classified. Shown chart plate 2-B10090 to Miss Cannon	
120		−40° 6200	10	34.4	−40	25	9.0		✓
121		−40° 6186	10	33.3	−40	2	7.6		✓
122		−40° 6176	10	32.7	−40	26	7.9		✓
123		−40° 6158	10	31.5	−40	42	7.1		✓
124		−40° 6182	10	29.5	−40	24	8.9		✓
125		−40° 6128	10	29.0	−40	42	8.5		✓
126		−40° 6030	10	21.6	−40	31	8.0		✓
127		−40° 6027	10	21.3	−40	33	8.7		✓
128		−39° 6390	10	21.2	−39	16	9.0		✓
129		−37° 6485	10	16.2	−37	36	9.2		✓
130		−37° 6478	10	15.8	−37	45	9.3		✓

Identified on cards by ANC June 15, 1914

Identified here June 24 1914 HDW

Identification compared cards & book, by GKO.

✓ 131 −40 5895 10 18.5 −40 46 8.7 74 on B+1389

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11. 47 B41375 chart.

	No.	Dist.	Class	Remarks
✓	1	2	Ko	
✓	2	1	F8	
✓	3	6	a5	
✓	4	1	K	
✓	5	2	F2	
✓	6	1	K	
✓	7	3	b5	
✓	8	4	A0	
✓	9	2	A0	
✓	10	5	F0	
✓	11	1	Ma	
✓	12	3	F0	
✓	13	3	K2	
✓	14	4	A5	
✓	15	1	K5	
✓	16	3	K0	
✓	17	2	A5	
✓	18	2	F0	Hγ + Hδ of another star superposed slightly south-
✓	19	6	A0	
✓	20	9	B8	
✓	21	1	b	
✓	22	3	b0	
✓	23	5	b0	
✓	24	4	A0	
✓	25	3	b5	
✓	26	4	K0	
✓	27	6	B9	

1	−34°	6929	10	37.4	−34	58	8.3	✓
2	✱ −35°	6681	10	37.6	−35	4	8.7	✓
3	−34°	6949	10	39.1	−34	42	7.9	✓
4	−34°	6963	10	40.5	−34	8	8.5	✓
5	−34°	6987	10	42.0	−34	22	8.5	✓
6	−33°	7260	10	42.2	−33	57	8.4	✓
7	−34°	7002	10	43.4	−34	18	8.2	✓
8	−34°	7007	10	43.9	−34	17	8.7	✓
9	−34°	7009	10	44.0	−34	22	9.0	✓
10	−33°	7297	10	44.9	−33	49	7.7	✓
11	−33°	7305	10	45.7	−33	53	8.3	✓
12	−34°	7029	10	45.8	−34	44	8.7	✓
13	−35°	6783	10	45.1	−35	7	7.6	✓
14	−35°	6722	10	40.8	−35	38	8.0	✓
15	−35°	6729	10	41.2	−35	26	7.8	✓
16	−35°	6736	10	41.8	−35	28	7.7	✓
17	−35°	6757	10	43.2	−35	17	8.5	✓
18	−35°	6768	10	43.9	−35	13	9.3	✓ −35°6767 mp. 9.7
19	−35°	6771	10	44.1	−35	8	7.3	✓
20	−34°	7042	10	47.2	−34	50	6.7	✓
21	−34°	7059	10	48.1	−34	34	8.9	✓
22	−34°	7065	10	48.5	−34	17	8.7	✓
23	−34°	7085	10	50.1	−34	27	7.5	✓
24	−34°	7078	10	49.5	−34	50	8.3	✓
25	−33°	7370	10	50.7	−33	54	8.3	✓
26	−33°	7398	10	53.2	−33	42	7.5	✓
27	−34°	7121	10	53.2	−34	12	8.0	✓

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Friday October 10, 1913.

B 41375 sheet

	No.	Dist.	Class	Remark
✓	28	6	F0	
✓	29	4	A5	
✓	30	4	K0	
✓	31	3	A0	
✓	32	10	F2	
✓	33	3	K0	
✓	34	2	F5	[Urselbin chart skeletonized on fol. prints]
✓	35	2	K2	
✓	36	2	A5	
✓	37	2	G0	
✓	38	1	A	
✓	39	3	A0	
✓	40	3	K2	
✓	41	6	F2	
✓	42	2	K0	
✓	43	7	A0	
✓	44	3	F0	
✓	45	6	F0	
✓	46	4	F0	
✓	47	4	A3	
✓	48	2	A0	
✓	49	2	A0	
✓	50	3	F5	
✓	51	2	F8	
✓	52	1	K2	
✓	53	2	K0	
11.55	✓	54	3	K5

28	−34°	7131	10	53.9	−34	28	7.5	✓
29	−34°	7104	10	52.0	−34	59	8.3	✓
30	−35°	6865	10	52.4	−35	0	7.7	✓
31	−35°	7109	10	52.3	−35	54	9.0	✓
32	−33°	7401	10	53.3	−33	4	6.0	✓
33	−32°	7803	10	53.6	−32	24	7.9	✓
34	−31°	8532	10	42.3	−31	22	8.7	−31° 8535 sup. 8.8
35	−31°	8554	10	43.5	−31	38	8.1	✓
36	−32°	7687	10	45.0	−32	5	8.5	✓ ~~−31° 8535 sup. 8.8~~
37	−31°	8584	10	45.3	−31	46	8.0	✓
38	−31°	8575	10	44.7	−31	32	8.5	✓
39	−31°	8578	10	45.0	−31	16	8.0	✓
40	−31°	8607	10	47.1	−31	20	7.5	✓
41	−31°	8614	10	47.9	−31	40	7.4	✓
42	−31°	8632	10	49.3	−31	8	8.5	✓
43	−31°	8637	10	50.0	−31	7	7.4	✓
44	−30°	8830	10	50.0	−30	50	8.2	✓
45	−30°	8839	10	50.9	−30	32	7.5	✓
46	−30°	8855	10	52.3	−30	54	8.0	✓
47	−31°	8660	10	51.3	−31	22	8.1	✓
48	−31°	8649	10	50.8	−31	57	8.6	✓
49	−31°	8651	10	51.0	−31	53	8.6	✓
50	−32°	7751	10	50.0	−32	23	8.5	✓
51	−32°	7740	10	49.0	−32	32	8.5	✓
52	−32°	7720	10	47.4	−32	20	8.0	✓
53	−32°	7730	10	48.2	−32	8	8.2	✓
54	−32°	7710	10	46.6	−32	0	7.8	✓

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10:10 Saturday, December 6, 1913

R41375 short

	No.	Int.	Class	Remark
✓	55	4	F2	
✓	56	1	G5	
✓	57	6	K0	
✓	58	10	A0	
✓	59	1	F2	
✓	60	1	F8	
✓	61	1	F5	
✓	62	4	F2	
✓	63	5	A0	
✓	64	2	F5	
✓	65	3	F0	
✓	66	2	K2	
✓	67	1	F5	
✓	68	2	G5	
✓	69	3	K0	
✓	70	1	G5	
✓	71	8	A0	
✓	72	2	A0	
✓	73	1	A0	
✓	74	1	A0	
✓	75	4	A0	
✓	76	1	K5	
✓	77	7	F2	
✓	78	4	F8	
✓	79	2	K0	
✓	80	1	K0	
✓	81	6	A0	

55	−32°	7691	10	45.4	−32	55	8.1	✓
56	−33°	7296	10	44.8	−33	21	8.6	✓
57	−33°	7293	10	44.6	−33	10	7.5	✓
58	−33°	7288	10	44.1	−33	23	5.8	✓
59	−33°	7257	10	42.0	−33	20	8.9	✓
60	−33°	7251	10	41.6	−33	23	8.5	✓
61	−32°	7661	10	43.3	−32	44	9.2	✓
62	−30°	8809	10	48.6	−30	44	8.7	✓
63	−30°	8807	10	48.3	−30	29	8.0	✓
64	−30°	8823	10	49.4	−30	37	8.6	✓
65	−30°	8857	10	52.6	−30	22	8.5	✓
66	−31°	8664	10	51.7	−31	15	8.8	✓
67	−31°	8671	10	52.3	−31	7	8.7	✓
68	−31°	8673	10	52.4	−31	56	7.9	✓
69	−31°	8689	10	53.8	−31	34	8.0	✓
70	−31°	8692	10	54.1	−31	39	8.3	✓
71	−31°	8696	10	54.8	−31	10	6.3	✓
72	−31°	8705	10	55.5	−31	24	9.2	✓
73	−31°	8704	10	55.5	−31	44	8.6	✓
74	−33°	7348	10	47.1	−33	12	8.7	✓
75	−32°	7765	10	50.8	−32	52	8.5	✓
76	−32°	7766	10	50.9	−32	40	8.5	✓
77	−33°	7330	10	48.1	−33	51	7.7	✓
78	−34°	7144	10	55.0	−34	53	8.3	✓
79	−34°	7145	10	55.0	−34	17	8.5	✓
80	−34°	7143	10	54.9	−34	10	8.7	✓
81	−33°	7435	10	55.8	−33	14	8.0	✓

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Saturday December 6, 1913

R 4137.5 short

	No	Int.	Class	Remarks
✓	82	1	K	
✓	83	1	Ko	
✓	84	5	Ao	
✓	85	6	Ko	
✓	86	3	F5	
✓	87	7	A2	
✓	88	6	Fma	
✓	89	1	Ko	
✓	90	2	F8	
✓	91	5	F8	
10:20	✓	93	4	K5
		92		
		94		
		95		
93 ~~94~~		96	2	A0
94			3	K0

82	-32°	7833	10	55.4	-32	52	8.5 ✓	
83	-32°	7815	10	54.5	-32	6	8.1 ✓	
84	-33°	7463	10	57.8	-33	2	8.7 ✓	
85	-32°	7860	10	58.0	-32	46	7.3 ✓	
86	-33°	7478	10	58.8	-33	14	8.6 ✓	
87	-29°	8709	10	48.9	-29	40	7.5 ✓	
88	-31°	8726	10	57.3	-31	17	6.8 ✓	
89	-31°	8735	10	58.1	-31	55	8.5 ✓	
90	-32°	7874	12°	59.3	-32	25	8.7 ✓	
91	-33°	7499	11	0.5	-33	5	8.4 ✓	
92	-32°	7892	11	1.3	-32	53	7.3 ✓	

Identified on cards by AMC June 18, 1914

Identified in books by J.C.M. June 26, 1914

Identification compared cards + Book, by E.K.B.

93	-32	7635	10	41.3	-32	28	8.5	91 m B 1308
94	-34°	6929	10	37.4	-34	58	8.3	— Same Class No. 1.

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10:26 Saturday, December 6, 1913

B41410 short

G.T.m. Rec.	No.	Int.	Class	Remark
✓	1	10	Q0	
✓	2	3	K2	
✓	3	1	K2	
✓	4	2	Q3	
✓	5	2	F0	
✓	6	1	K0	
✓	7	2	G0	
✓	8	1	K0	
✓	9	4	Q0	
✓	10	3	G0	
✓	11	3	K0	
✓	12	3	Q2	
✓	13	3	Q0	
✓	14	4	F5	
✓	15	4	Q0	
✓	16	3	K0	
✓	17	1	K5	
✓	18	6	Q2	
✓	19	2	F8	
✓	20	3	Ma	
✓	21	7	F5	
✓	22	1	K5	
✓	23	1	Q5	
✓	24	5	Q3	
✓	25	1	K2	
✓	26	1	Q5	Partly auf on 25
✓	27	4	F5	

1	−35° 6954	10	59.0	−35	8	5.8	✓
2	−34° 7198	10	57.8	−34	48	8.0	✓
3	−34° 7202	11	0.0	−34	52	8.8	✓
4	−35° 6958	11 (10)	59.1	−35	12	9.0	✓
5	−35° 6978	11	1.1	−35	12	8.6	✓
6	−34° 7207	11	0.3	−34	12	8.7	✓
7	−33° 7492	10	59.9	−33	34	8.9	✓
8	−33° 7512	11 (10)	1.5	−33	28	8.5	✓
9	−33° 7515	10	2.3	−33	38	8.5	✓
10	−33° 7523	11	2.8	−33	43	8.1	✓
11	−33° 7518	11	2.5	−33	6	8.0	✓
12	−33° 7586	11	5.5	−33	20	8.5	✓
13	−33° 7552	11	5.3	−33	48	8.5	✓
14	−34° 7272	11	5.8	−34	8	8.3	✓
15	−34° 7246	11	3.9	−34	44	8.3	✓
16	−34° 7252	11	4.4	−34	43	8.0	✓
17	−34° 7269	11	5.6	−34	50	8.0	✓
18	−34° 7286	11	6.6	−34	43	7.7	✓
19	−35° 7018	11	4.3	−35	19	8.7	✓
20	−35° 7019	11	4.4	−35	25	7.6	✓
21	−35° 7033	11	5.1	−35	32	7.7	✓
22	−36° 7015	11	5.0	−36	3	8.3	✓
23	−35° 7075	11	8.4	−35	34	8.9	✓
24	−35° 7078	11	8.5	−35	36	8.3	✓
25	−35° 7082	11	8.7	−35	26	8.0	✓
26	−35° 7081	11	8.7	−35	24	9.3	✓
27	−34° 7324	11	9.6	−34	50	8.2	✓

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Saturday, December 6, 1913

B 41410 short

	No	Int.	Class	Remarks
✓	28	1	Ma	
✓	29	7	K0	
✓	30	4	G0	
✓	31	3	A5	
✓	32	5	F8	
✓	33	3	F0	
✓	34	1	K5	
✓	35	3	K5	
✓	36	2	K5	
✓	37	3	G0	
✓	38	2	K0	
✓	39	1	K5	
✓	40	8	F2	
✓	41	2	K5	
✓	42	4	A3	
✓	43	2	K2	
✓	44	8	Ma?	Focus poor.
✓	45	8	F5	
✓	46	10	A0	
✓	47	4	K0	
✓	48	6	A0	
10:35	✓	49	9	F5
Wed. Dec. 10	✓	50	2	A2
10:47	✓	51	2	F5
	✓	52	3	A0
	✓	53	1	K5
	✓	54	2	G0

28	−35° 7093	II	9.9	−35	38	7.7	✓
29	−35° 7111	II	11.7	−35	51	7.0	✓
30	−35° 7113	II	12.0	−35	55	8.0	✓
31	−35° 7114	II	12.2	−35	45	8.7	✓
32	−36° 7102	II	11.9	−36	30	8.0	✓
33	−36° 7101	II	11.9	−36	42	8.7	✓
34	−36° 7105	II	12.2	−36	58	8.0	✓
35	−34° 7305	II	8.4	−34	18	8.3	✓
36	−33° 7584	II	8.3	−33	57	8.0	✓
37	−33° 7566	II	6.9	−33	44	8.1	✓
38	−33° 7572	II	7.4	−33	16	8.0	✓
39	−33° 7588	II	8.6	−33	33	8.3	✓
40	−32° 7964	II	9.0	−32	38	6.9	✓
41	−32° 7976	II	9.9	−32	2	7.5	✓
42	−31° 8883	II	10.0	−31	42	8.3	✓
43	−32° 7954	II	8.2	−32	18	8.2	✓
44	−31° 8847	II	6.2	−31	46	6.7	✓
45	−31° 8823	II	4.6	−31	53	8.0	✓
46	−31° 8816	II	3.9	−31	42	5.9	✓
47	−31° 8813	II	3.7	−31	38	8.5	✓
48	−31° 8791	II	2.3	−31	59	8.0	✓
49	−31° 8776	II	1.2	−31	54	6.8	✓
50	−31° 8747	10	59.2	−31	30	8.4	✓
51	−31° 8743	10	58.8	−31	24	8.6	✓
52	−31° 8740	10	58.4	−31	19	8.6	✓
53	−30° 8928	II	58.0	−30	53	8.1	✓
54	−30° 8987	II	2.9	−30	39	8.3	✓

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Wednesday, December 10, 1913

B4141.0 short

	No.	Int.	Class	Remark
✓	~~55~~	1	25	
✓	56	1	Ko	
✓	57	2	7	
✓	58	1	K5	
✓	59	2	25	
10:50	✓	60	1	25
		~~61~~		
		~~62~~		
.61		~~63~~	1	K2
		~~64~~		

55	−31° 8790	II	2.3	−31	25	~~8.5~~ 8.8	✓
56	−31° 8799	II	2.8	−31	23	8.9	✓
57	−31° 8876	II	9.5	−31	9	8.7	✓
58	−32° 7950	II	8.0	−32	6	8.6	✓
59	−32° 7942	II	7.2	−32	36	8.5	✓
60	−32° 7949	II	7.9	−32	35	8.9	✓

Identified on cards by Anne July 30, 1914

Identified here August 3 1914 DW

✓ 61	−32 7833	10	15.4	−32	52	~~6.5~~ 8.2	on B4137.5	

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9:48 Saturday December 20, 1913

B1734 long.

G.M.T. Rec.	No.	Int.	Class	Remark
	1	7	F5	
	2	8	B5	
	3	4	K0	
	4	3	F2	
	5	7	A0	E.
	6	6	A2	E.
	7	7	B5	E.
	8	5	A2	
	9	6	A2	
	10	5	A2	
	11	4	B9	
	12	4	F8	
	13	7	K0	
	14	4	F0	
	15	3	F2	
	16	3	F0	
9:51	17	8	F5	Comp. Line K seems to be marrow than fourth's class.
	18	4	B2	Plate fogged in region confirmed on B43000 ~~Plate~~
	19			
	20			
	21			
	22			
	23			
	24			
	25			
	26			
	27			

1	-23.3°	8646	q	36.6	-23	21.1	5.4 ✓
2	-23.2°	2684 8624	q	34.7 35.6	-23	56.0 m2	5.2 ✓
3	-24°	8272	q	31.4	-24	44.3	6.4 ✓
4	-24°	8263	q	30.9	-24	9.3	6.8 ✓
5	-22°	2645	q	26.8	-22	13.0	6.1 ✓
6	-22.1°	2935	q	47.8	-21	48.2	6.0 ✓
7	-23°	8898	q	53.3	-23	21.0	6.2 ✓
8	-24°	8622	q	52.5	-24	31.7	7.0 ✓
9	-25°	7622	q	51.1	-25	57.0	6.6 ✓
10	-26°	7551	q	51.3	-26	53.3	6.7 ✓
11	-27°	7035	q	48.5	-27	24.0	7.0 ✓
12	-26°	7505	q	47.4	-26	45.3	6.6 ✓
13	-25°	7585	q	48.6	-25	20.7	5.3 ✓
14	-25°	7510	q	43.1	-25	50.3	7.0 ✓
15	-26°	7411	q	40.8	-26	41.6	7.0 ✓
16	-27°	6895	q	39.2	-27	2.7	7.3 ✓
17	-27°	6881	q	38.6	-27	11.4	5.1 ✓
18	-29°	7758	q	39.9	-29	37.8	6.7 ✓

Identified by J.C.M January 12, 1914
Checked by A.M.C. Jan. 14, 1914
Cards made out by E.B.B.
Cards checked by A.M.C.

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Saturday December 20, 1913

11.00 B 15600 short Fn. faint Stars.

	No	Dist.	class	Remark
✓	1	3	K5	
✓	2	4	K5	
✓	3	2	K0	
✓	4	2	A0	
✓	5	3	F8	
✓	6	1	F8	
✓	7	1	F8	
✓	8	4	G0	
✓	9	1	A0	
✓	10	2	K0	
✓	11	1	F5	
✓	12	1	F5	
✓	13	1	Ma	
✓	14	2	G5	
✓	15	3	G0	
✓	16	2	A0	
✓	17	2	G5	
✓	18	1	K5	
✓	19	2	F8	
✓	20	2	K0	
✓	21	2	F5	
✓	22	2	K2	
✓	23	4	F2	
✓	24	1	K5	
✓	25	2	G0	
✓	26	3	A5	
✓	27	1	G0	

1	-25°	7650	9	53.6	-25	36	8.5	✓
2	-26°	7595	9	54.9	-26	33	8.3	✓
3	-26°	7579	9	53.2	-26	28	9.2	✓
4	-26°	7580	9	53.3	-26	39	9.2	✓
5	-26°	7566	9	52.0	-26	46	9.1	✓
6	-26°	7563	9	51.8	-26	16	8.7	✓
7	-26°	7565	9	51.8	-26	3	9.1	✓
8	-26°	7564	9	51.8	-26	1	8.7	✓
9	-25°	7640	9	52.5	-25	6	9.2	✓
10	-24°	8596	9	50.6	-24	43	9.0	✓
11	-24°	8590	9	50.4	-24	1	9.1	✓
12	-24°	8563	9	49.1	-24	21	8.8	✓
13	-24°	8567	9	49.4	-24	46	8.9	✓
14	-25°	7586	9	48.6	-25	35	9.3	✓
15	-26°	7514	9	48.2	-26	0	9.0	✓
16	-26°	7499	9	47.0	-26	14	9.2	✓
17	-26°	7498	9	47.0	-26	38	8.8	✓
18	-26°	7502	9	47.2	-26	41	9.2	✓
19	-26°	7431	9	42.5	-26	26	8.5	✓
20	-26°	7425	9	42.0	-26	31	8.5	✓
21	-25°	7526	9	44.4	-25	35	9.0	✓
22	-24°	8451	9	41.4	-24	40	8.7	✓
23	-24°	8449	9	41.3	-24	6	8.6	✓
24	-24°	8431	9	40.3	-24	48	8.6	✓
25	-24°	8428	9	40.1	-24	53	8.6	✓
26	-28°	7857	9	57.4	-28	4	9.0	✓
27	-28°	7856	9	57.3	-28	35	9.2	✓

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Saturday December 28, 1913
B 15600 clouds

	No.	Dist.	Class	Remark
✓	28	1	K0	
✓	29	1	A0	
✓	30	1	F5	
✓	31	2	G0	
✓	32	1	A0	
✓	33	1	K0	
✓	34	1	K2	
✓	35	1	K2	
✓	36	4	K5	
✓	37	3	K3	
✓	38	1	K2	
✓	39	2	F8	
✓	40	1	G0	
✓	41	2	A3	
✓	42	4	G5	
11.09 ✓	43	3	F8	
✓	44	7	G0	
✓	45	6	G0	Partly supra, on 44
	46			
	47			
	48			
46	49	2	K0	
47	50	2	G5	
	51			
	52			
	53			
	54			

28	−28°	7889	9	59.5	−28	52	9.0	✓
29	−28°	7883	9	59.3	−28	51	9.4	✓
30	−28°	7878	9	59.1	−28	54	8.9	✓
31	−29°	8038	9	57.5	−29	19	8.7	✓
32	−29°	8003	9	55.0	−29	7	9.3	✓
33	−29°	8001	9	54.9	−29	9	8.8	✓
34	−29°	7954	9	52.0	−29	6	8.7	✓
35	−28°	7787	9	52.6	−28	33	8.9	✓
36	−27°	7114	9	54.1	−27	44	7.8	✓
37	−28°	7784	9	52.3	−28	9	8.5	✓
38	−28°	7775	9	51.7	−28	27	8.9	✓
39	−28°	7774	9	51.6	−28	26	9.3	✓
40	−28°	7747	9	50.1	−28	18	9.0	✓
41	−28°	7744	9	49.9	−28	22	9.1	✓
42	−27°	7045	9	49.3	−27	30	8.2	✓
43	−27°	6999	9	46.4	−27	45	8.6	✓
44	−26°	7493	9	46.6	−26	9	9.1	✓
45	−26°	7492	9	46.6	−26	10	9.2	✓

Identified on cards by AMC. May 22, 1914
Identified in book by J.C.M. June 16, 1914.
Identification compared cards & book, by E.R.B.

✓ 46	−27	7185	8	58.8	−27	7	8.7	61 on B3993
✓ 47	−27	7223	10	2.2	−27	30	8.9	64

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