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Tuesday Jan. 21, 1918

June 10. 39

B15167 Short

M.	Int.	Class	Remarks
1	3	Ma	
2	4	b	
3	6	b5	
4	4	F0	
5	9	b5	
6	1	K2	
7	3	F8	
8	8	F2	
9	5	F2	
10	3	K5	
11	10	F2	
12	3	F5	
13	9	G5	
14	3	G5	
15	4	F8	
16	7	b0	
17	5	F5	
18	2	b	
19	1	K5	
20	4	b0	
21	3	G2	
22	4	b5	
23	2	b5	
24	5	b0	
25	2	K5	
26	8	F2	
27	3	K0	

1	-70°	+33	5	42.8	-70	5.3	9.8
2	-70°	+32	5	42.6	-70	24.6	9.4
3	-70°	+39	5	43.9	-70	26.0	9.3
4	-70°	+43	5	44.9	-70	7.0	9.2
5	-70°	+47	5	46.0	-70	13.7	8.6
6	-70°	+42	5	44.7	-70	30.2	9.6
7	-70°	+46	5	45.6	-70	28.1	9.5
8	-70°	+51	5	49.7	-70	22.7	8.1
9	-69°	529	5	50.6	-69	49.1	8.9
10	-69°	530	5	51.1	-69	42.9	9.0
11	-69°	534	5	52.2	-69	55.6	7.8
12	-69°	536	5	53.0	-69	49.4	9.0
13	-70°	+62	5	52.9	-70	30.2	8.1
14	-70°	+60	5	52.4	-70	49.0	9.5
15	-70°	+52	5	49.8	-70	59.9	9.2
16	-71°	380	5	49.2	-71	1.6	8.8
17	-71°	377	5	48.8	-71	38.4	8.9
18	-71°	378	5	49.0	-71	33.6	9.5
19	-72°	419	5	50.5	-72	0.6	9.9
20	-71°	388	5	52.7	-71	53.9	9.2
21	-71°	389	5	53.1	-71	59.7	9.2
22	-71°	387	5	52.2	-71	22.9	9.0
23	-71°	392	5	54.6	-71	32.0	9.5
24	-70°	+67	5	54.6	-70	51.0	9.0
25	-70°	+73	5	56.8	-70	57.8	9.8
26	-70°	+72	5	56.4	-70	31.7	8.2
27	-70°	+75	5	57.9	-70	18.0	9.0

cards made out

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Tuesday Jan. 21, 1913

B 5167 shut

No.	Int.	Class	Remarks
28	2	K5	
29	4	K5	
30	8	F5	
31	1	K5	
32	8	A3	Comp: Both up on long disp.
33	4	K2	
34	2	K5	
35	4	A2	
36	5	K0	
37	6	K0	
38	3	F8	
39	3	F5	
40	7	A5	
41	2	G5	
42	3	F2	
43	8	F2	
44	5	F5	
45	1	K2	
46	7	G5	
47	2	F5	
48	3	F5	
49	4	A2	
50	6	G0	
51	1	K	
52	4	G5	
53	2	K2	
54	3	G0	

28	-70°	477	5	59.3	-70	13.1	9.5 ✓
29	-69°	554	5	59.7	-69	51.6	8.8 ✓
30	-69°	559	5	58.3	-69	29.1	8.0 ✓
	-69	557	6	1.2	-69.	58.1	9.6
31	-69°	555	5 6	0.1	-69	58.2	10.2 ✓
				2.6			
32	-70°	480	6	0.6	-70	0.8	8.2 ✓
33	-70°	481	6	3.0	-70	6.4	8.8 ✓
34	-70°	483	6	3.6	-70	40.0	9.5 ✓
35	-71°	410	6	3.9	-71	2.2	9.0 ✓
36	-71°	405	7 6	1.1	-71	11.6	8.8 ✓
37	-71°	404	6	0.2	-71	19.7	8.8 ✓
38	-71°	406	6	0.3	-71	22.2	9.2 ✓
39	-71°	408	6	2.4	-71	32.8	9.0 ✓
40	-72°	424	5	54.7	-72	21.7	8.6 ✓
41	-72°	420	5	52.2	-72	26.9	9.4 ✓
42	-72°	422	5	54.1	-72	42.5	9.3 ✓
43	-73°	885	5	49.2	-73	26.2	9.4 ✓
44	-73°	338	5	50.4	-73	30.6	9.4 ✓
45	-73°	333	5	48.5	-73	38.2	9.5 ✓
46	-73°	330	5	46.7	-73	35.1	8.9 ✓
47	-73°	329	5	45.6	-73	18.5	9.4 ✓
48	-73°	328	5	44.8	-73	28.4	9.1 ✓
49	-73°	331	5	47.0	-73	59.8	9.2 ✓
50	-74°	354	5	49.5	-74	5.2	8.9 ✓
51	-74°	353	5	48.8	-74	13.3	9.6 ✓
52	-73°	343	5	57.9	-73	46.6	9.0 ✓
53	-74°	363	5	58.2	-74	5.0	9.4 ✓
54	-73°	350	6	0.1	-73	46.0	9.3 ✓

Cards made out

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Tuesday Jan 21, 1913

Bisley shut

No.	Ent.	Class	Remark
55	2	K10	
56	3	K5	
57	3	K5	
58	2	A20	
59	2	K5	
60	8	K5	
61	3	K5	
62	3	K5	
63	6	K5	
64	10	K1	
65	3	K5	
66	1	K5	
67	4	K5	
68	21	K21	
69	10	A20	
70	3	K8	
71	4	A20	
72	3	K10	
73	5	K10	
74	9	K9	
75	1	K5	
76	9	A21	
77	8	K10	
78	5	K10	
79	4	K5	
80	8	A20	
81	3	K15	

55	-73°	352	6	1.0	-73	34.0	9.4 ✓
56	-73°	354	6	8.9	-73	40.8	9.3 ✓
57	-73°	356	6	12.2	-73	33.8	9.1 ✓
58	-73°	355	6	9.3	-73	0.0	9.4 ✓
59	-72°	446	6	6.1	-72	45.0	9.3 ✓
60	-71°	419	6	11.4	-71	42.6	9.3 ✓
61	-72°	458	6	13.5	-72	7.7	9.2 ✓
62	-71°	422	6	14.0	-71	47.4	8.9 ✓
63	-71°	425	6	16.9	-71	36.5	8.8 ✓
64	-71°	426	6	17.1	-71	39.4	7.4 ✓
65	-72°	463	6	17.4	-72	26.7	9.0 ✓
66	-71°	427	6	20.6	-71	59.3	9.6 ✓
67	-71°	432	6	22.3	-71	39.0	9.0 ✓
68	-71°	480	6	21.6	-71	19.0	9.2 ✓
69	-70°	514	6	24.7	-70	52.5	7.9 ✓
70	-70°	516	6	26.7	-70	55.3	9.2 ✓
71	-71°	439	6	27.1	-71	27.0	9.2 ✓
72	-72°	480	6	26.1	-72	5.9	9.2 ✓
73	-71°	441	6	27.8	-71	57.9	9.0 ✓
74	-71°	446	6	29.7	-71	56.3	8.2 ✓
75	-71°	447	6	29.9	-71	45.4	9.4 ✓
76	-71°	449	6	31.2	-71	24.9	8.2 ✓
77	-71°	460	6	35.1	-71	32.9	8.6 ✓
78	-71°	468	6	37.1	-71	51.8	9.2 ✓
79	-70°	537	6	35.6	-70	53.7	8.9 ✓
80	-70°	542	6	38.7	-70	48.2	7.8 ✓
81	-70°	548	6	39.4	-70	49.6	8.6 ✓

cards made out

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Tuesday Jan. 21, 1913

B 5164 Start

No.	Dist.	class	Remarks
82	8	G	
83	8	G3	
84	4	K0	
85	6	K0	
86	10	K0	
87	4	K2	
88	2	G5	
89	2	A2n	
90	3	G0	
91	5	A2n	
92	1	K5	
93	3	K0	
94	2	A	
95	4	A0	
96	5	A5	
97	4	K2n	
98	6	A0	
99	3	K0	
100	1	K0	
101	3	K2	
102	4	A0	
103	1	K0	
104	2	F5	
105	4	G0	
106	3	K0	
107	4	A2n	
108	3	K0	

82	-70°	54.3	6	39.0	-70	29.2	7.7 ✓
83	-70°	55.2	6	42.4	-70	31.6	7.2 ✓
84	-71°	47.5	6	43.7	-71	0.0	8.9 ✓
85	-71°	47.8	6	43.4	-71	5.2	8.6 ✓
86	-71°	47.6	6	42.8	-71	38.8	7.7 ✓
87	-71°	48.0	6	44.1	-71	45.6	8.6 ✓
88	-71°	48.6	6	45.7	-71	50.7	9.0 ✓
89	-71°	48.8	6	47.4	-71	49.1	9.2 ✓
90	-71°	49.1	6	49.2	-71	58.0	9.0 ✓
91	-69°	56.3	6	3.9	-69	25.2	8.9 ✓
92	-69°	56.5	6	4.9	-69	41.8	9.5 ✓
93	-69°	57.0	6	6.8	-69	53.9	9.1 ✓
94	-70°	48.7	6	7.0	-70	5.2	9.5 ✓
95	-70°	48.6	6	6.9	-70	26.7	8.8 ✓
96	-70°	49.1	6	10.9	-70	16.1	8.6 ✓
97	-70°	49.2	6	11.8	-70	20.0	9.0 ✓
98	-71°	41.5	6	10.2	-71	5.6	8.6 ✓
99	-71°	41.7	6	11.0	-71	28.6	9.5 ✓
100	-71°	41.2	6	4.0	-71	57.4	9.6 ✓
101	-72°	43.8	5	58.1	-72	24.9	9.4 ✓
102	-72°	43.3	5	57.3	-72	22.3	9.0 ✓
103	-72°	43.1	5	56.1	-72	15.9	9.6 ✓
104	-71°	42.1	6	12.6	-71	0.9	9.7 ✓
105	-70°	50.1	6	16.3	-70	32.8	9.0 ✓
106	-70°	50.2	6	16.4	-70	24.8	9.3 ✓
107	-70°	50.0	6	16.0	-70	7.0	9.1 ✓
-70		50.4	6	18.4	-70	42.0	9.6
108	-70°	50.5	6	18.5	-70	44.0	9.8 ✓
						Cards made	out

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Tuesday Jan 21, 1913

B10Hy short.

No.	Int.	Class	Remarks
109	1	G	
110	2	G5	
111	5	F5	
112	6	A2	
113	5	K0	
114	2	K2	
115	8	F0	
116	1	K	
Time 11.00	117	3	K0
" 1240	118	2	K0
119	2	K0	
120	1	K0	
121	1	A	
122	2	F5	
123	4	A0	
124	1	K5	
125	2	K0	
126	2	F5	
127	3	K0	
128	4	K0	
129	2	K2	
130	2	F5	
131	3	A	
132	3	K0	
133	1	K	
134	2	K0	
135	2	K2	

109	-70°	506	6	19.2 -70	44.7	9.6
110	-70°	509	6	22.1 -70	29.1	9.6
111	-69°	511	6	6.9 -69	26.5	8.6
112	-69°	512	6	7.3 -69	14.1	8.4
113	-69°	575	6	8.9 -69	39.7	9.0
114	-69°	578	6	9.5 -69	51.2	9.2
115	-69°	580	6	12.5 -69	43.5	7.4
116	-69°	583	6	13.9 -69	44.6	9.7
117	-69°	579	6	12.3 -69	13.7	9.2
118	-71°	374	5	45.6 -71	6.5	9.3
119	-72°	408	5	44.8 -72	11.5	9.4
120	-72°	410	5	46.2 -72	37.2	9.3
121	-72°	411	5	46.4 -72	58.0	9.4
122	-73°	334	5	40.4 -73	11.1	9.3
123	-73°	319	5	38.9 -73	29.7	9.0
124	-72°	396	5	38.8 -72	51.6	9.4
125	-72°	393	5	37.8 -72	34.9	9.2
126	-72°	391	5	36.1 -72	19.3	9.1
127	-71°	363	5	40.3 -71	20.8	9.5
128	-71°	353	5	36.3 -71	1.2	9.3
129	-70°	420	5	39.0 -70	46.1	9.8
130	-70°	407	5	34.2 -70	46.1	9.0
131	-70°	396	5	29.1 -70	37.1	9.1
132	-70°	394	5	28.2 -70	50.1	9.1
133	-70°	400	5	31.0 -70	21.0	9.6
134	-70°	402	5	31.8 -70	16.9	9.5
135	-72°	375	5	28.5 -72	34.4	9.4

cards made out

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Tuesday Jan. 21, 1913

B 5167 Shute

Nr.	Int.	Class	Remarks
136	1	Ko	
137	2	Ko	
138	4	Neb	No bright line
139	3	K	
140	2	K5	
141	2	K	
142	3	K2	
143	2	K5	
144	2	Ao	
145	1...	..Go	
146	1	K5	The work following of this.
147	3	K5	
148	1	K5	
149	1	K5	
150	2	Ao	
151	3	K2	
153	5	Ao	
153	10	Ko	
Time 12.20	154	7	Ko

136	-72°	367	5	21.1 - 72	48.9	9.6
137	-72°	349	5	32.6 - 71°	18.2	9.6
138	-69°	508	5	43.1 - 69	15.9	neb.
139	-69°	540	5	54.1 - 69	7.0	9.2
140	-69°	544	5	54.9 - 69	16.3	9.5
141	-69°	547	5	56.6 - 69	26.6	9.1
142	-70°	528	6	31.4 - 70	23.1	9.2
143	-72°	491	6	32.7 - 72	5.3	9.0
144	-72°	487	6	30.2 - 72	54.4	9.2
145	-73°	377	6	27.3 - 73	2.9	9.4
146	-73°	365	6	18.7 - 73	9.8	9.4
147	-72°	513	6	38.6 - 72	40.4	9.1
148	-72°	509	6	37.2 - 72	37.6	9.4
149	-72°	514	6	39.4 - 72	3.0	9.7
150	-71°	473	6	40.7 - 71	14.0	9.4
151	-71°	487	6	47.3 - 71	14.8	9.2
152	-70°	565	6	47.7 - 70	58.5	7.8
153	-70°	560	6	46.2 - 70	17.8	7.7
154	-70°	564	6	47.1 - 70	23.0	8.3

Identified by Anc. Feb. 8, 1913

Checked by J.C.M. Feb. 21, 1913

cards made out by Mr. C. W.

Cards checked by E.C.P.

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Tuesday Jan. 21, 1913

Time 11.50 Bg062 Long

No.	Int.	Class	Remark
1	5	A2r	
2	3	K0	
3	4	F5	
4	5	Bg	
5	2	F2r	
6	2	A0	
7	3	F2	
8	6	F5	
9	7	K2	
10	3	F0	
11	8	G5	
12	3	F8	
13	2	A0	
14	3	F8	
15	4	A5	
15a	2	A5	
16	2	A0	
17	2	A3	
18	2	A2	
19	3	A2	
20	5	F8	
21	9	Bg	
22	4	A2	
23	3	A2	
24	4	F2	
25	3	A0	
26	5	A3	
27	6	A3	

1	-69°	5749	6	3.4	-69	18.0	7.5 J
2	-69°	5557	6	7.1	-69	15.8	8.2 V
3	-66°	5044	6	13.7	-66	38.4	7.7 J
4	-66°	5077	6	15.6	-66	14.7	7.3 V
5	Omit number missing on plate.						
6	-69°	5821	6	13.6	-69	12.1	7.8 V
7	-69°	5933	6	19.2	-69	6.2	7.8 V
8	-69°	5978	6	20.4	-69	43.7	7.2 J
9	-69°	6077	6	23.8	-69	55.0	7.6 V
10	-70°	5155	6	25.3	-70	6.9	8.0 V.
11	-69°	6144	6	26.5	-69	37.1	6.9 J
12	-70°	5333	6	32.6	-70	25.1	7.8 V
13	-70°	5422	6	38.7	-70	48.2	7.8 V
14	-70°	5433	6	39.0	-70	29.2	7.7 V
15	-69°	5800	6	12.5	-69	43.5	7.4 V
15a	-70°	5521	6	42.4	-70	31.6	7.2 J
16	-71°	4466	6	29.7	-71	56.3	8.2 V
17	-71°	4449	6	31.2	-71	24.9	8.2 V
18	-70°	5144	6	24.7	-70	52.5	7.9 J
19	-72°	4769	6	20.4	-72	4.4	8.0 V
20	-71°	4266	6	17.1	-71	39.4	7.4 V
21	-73°	3601	6	17.7	-73	34.7	6.3 J
22	-72°	4577	6	13.4	-72	58.7	7.5 V
23	-70°	4622	5	52.9	-70	30.2	8.1 V
24	-69°	5374	5	52.2	-69	55.6	7.8 V
25	-70°	3999	5	30.7	-70	55.1	8.3 V
26	-71°	3385	5	24.3	-71	37.2	8.4 V
27	-72°	3721	5	25.0	-72	27.0	8.2 V

Cards made out

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Tuesday Jan. 21, 1913

Bq 062

No.	Int.	Class	Remarks
28	8	A2	E Focus poor.
29	2	A0	
30	8	F8	
Time 11.55	31	3	A2
	22		

28 − 73°	29.4 5	18.3 − 73	43.2	7.0 ✓
29 − 69°	50.9 5	46.5 − 69	45.0	7.8 ✓
30 − 67°	49.6 5	42.9 − 69	11.4	7.9 ✓
31 − 65°	52.3 5	54.8 − 65	54.0	7.8 ✓

Identified by AMC; Jan. 28, 1913
Checked by J. C. M. Feb. 3, 1913
cards made out by M. C. W.

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Wednesday, Jan. 22, 1913.

Time: 10.15

B9003 long disp.

	hr	Int.	Class	Remark
1		4	A0	
2		7	F2	
3		10	G0	
4		3	F2	
5		7	A0	
6		6	B8	
7		4	B9	
8		3	F2	
9		3	A0	
10		9	B9	
11		8	A0	
12		4	A0	
13		5	A0	
14		10	G5	
15		7	A2	
16		7	B9	E.
17		5	A2	
18		8	G5	
19		4	A2	
Time: 10.22		8	B5	
21				
22				
23				

1	-67°	645	6	42.7	-67	43.0	6.8 ✓
2	-67°	686	7	0.0	-67	44.7	6.8 ✓
3	-67°	730	7	16.9	-67	43.6	5.5 ✓
4	-68°	644	7	27.3	-68	21.6	7.4 ✓
5	-68°	656	7	33.5	-68	29.5	6.8 ✓
6	-68°	659	7	36.5	-68	46.3	6.9 ✓
7	-67°	785	7	35.9	-67	5.7	7.5 ✓
8	-67°	788	7	37.9	-67	9.5	7.9 ✓
9	-67°	811	7	45.6	-67	7.4	8.0 ✓
10	-65°	827	7	48.8	-65	52.7	6.3 ✓
11	-69°	770	7	44.6	-69	30.9	6.0 ✓
12	-69°	829	8	4.1	-69	58.8	7.4 ✓
13	-69°	826	8	3.4	-69	37.0	6.9 ✓
14	-72°	627	7	48.3	-72	18.2	6.0 ✓
15	-72°	654	8	0.8	-72	58.7	6.4 ✓
16	-73°	457	7	37.9	-73	59.6	6.2 ✓
17	-71°	574	7	25.9	-71	13.1	6.8 ✓
18	-70°	600	7	9.8	-70	17.8	5.2 ✓
19	-70°	581	6	56.5	-70	19.4	6.8 ✓
20	-70°	572	6	52.8	-70	48.4	5.0 ✓

Identified by AMe Jan. 28, 1913

Checked by J.C.M. Feb. 3, 1913

Cards made out by M.C.W.

Cards checked by E.R.B.

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Wednesday, Jan 22 1913.
B15168 chart disp.

Time: 10.23

No	Int.	Class	Remark
1	1	Ig^5	
2	2	Fo	
3	2	Fs	
4	3	Ig^0	
5	5	Ca	
6	2	Ig^0	
7	2	Fz	
8	2	Fo	
9	9	Ao	
10	7	Bs	
11	1	Js	
12	5	Bg	
13	1	Mz	
14	8	Ig^0	
15	5	Fo	
16	2	Az	
17	3	Js	
18	2	Fo	
19	1	Js	
20	1	Jf	
21	1	Ig^0	
22	2	Ig^5	
23	1	Ig^5	
24	2	Js	
25	5	Ig^0	
26	4	Ca	
27	1	Ig^5	

1	-70°	524	6	29.6	-70	10.2	9.7	1V – 70° 526 negv. 1D superposed
2	-69°	624	6	30.0	-69	54.2	9.4	1V
3	-70°	534	6	34.1	-70	12.6	9.2	1V
4	-70°	540	6	36.6	-70	34.7	9.0	1V
5	-69°	638	6	36.9	-69	59.3	8.0	1V
6	-69°	634	6	35.8	-69	46.8	9.0	1V
7	-69°	635	6	35.9	-69	40.4	9.0	1V
8	-69°	639	6	37.9	-69	19.9	9.2	1V
9	-69°	649	6	43.1	-69	34.7	7.6	1V
10	-69°	652	6	43.9	-69	10.0	8.4	1V
11	-69°	650	6	43.2	-69	11.0	9.4	1V
12	-68°	556	6	42.9	-68	8.4	8.5	1V
13	-70°	566	6	48.3	-70	19.5	9.2	1V
14	-69°	665	6	51.5	-69	50.0	7.7	1V
15	-70°	574	6	53.8	-70	21.0	8.2	1V
16	-69°	670	6	54.0	-69	54.3	9.0	1V
17	-69°	672	6	55.7	-69	52.8	8.7	1V
18	-70°	578	6	54.8	-70	6.4	9.0	1V
19	-71°	500	6	55.5	-71	26.0	9.6	1V
20	-72°	588	6	50.7	-72	4.2	9.4	1V
21	-72°	529	6	49.1	-72	26.0	9.2	1V
22	-72°	534	6	50.9	-72	18.7	8.9	1V
23	-72°	535	6	51.2	-72	33.6	9.2	1V
24	-72°	589	6	54.4	-72	20	9.2	1V
25	-71°	506	6	58.9	-71	51.7	7.8	1V
26	-71°	510	7	0.4	-71	54.0	8.6	1V
27	-72°	544	6	58.7	-72	28.3	9.0	1V

cards made out

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Wednesday, Jan. 22, 1913.
B 15168 slit Faint.

Ser.	Int.	Class	Remark
28	2	F0	
29	5	F2	
30	2	A3	
31	7	G0	
32	4	A2	
33	5	F8	
34	2	G5	
35	2	K0	
36	8	A0	
37	4	G5	
38	3	F0	
39	1	G5	
40	4	F0	
41	3	F0	
42	1	F0	
43	1	K	
44	10	F5	
45	2	K0	
46	4	F0	
47	1	G5	
48	1	F0	
49	3	F2	
50	5	K0	
51	3	A0	
52	3	F5	
53	2	K2	
54	3	K0	

28	-72°	546	7	0.7	-72	21.4	9.0 ^ v
29	-71°	519	7	5.4	-71	48.4	8.4 ^ v
30	-71°	518	7	5.2	-71	29.3	9.2 ^ v
31	-71°	524	7	7.1	-71	5.0	8.1 ^ v
32	-70°	591	7	3.7	-70	51.2	8.6 ^ v
33	-71°	515	7	2.3	-71	12.8	8.0 ^ v
34	-71°	511	7	0.7	-71	4.7	9.0 ^ v
35	-71°	513	7	1.9	-71	6.6	9.2 ^ v
36	-70°	593	7	4.3	-70	21.0	7.9 ^ v
37	-70°	590	7	2.9	-70	22.8	8.5 ^ v
38	-72°	569	7	9.3	-72	0.6	9.1 ^ v
39	-72°	564	7	7.9	-72	24.3	9.4 ^ v
40	-72°	573	7	10.6	-72	6.2	8.6 ^ v
41	-71°	547	7	14.4	-71	47.0	9.0 ^ v
42	-71°	544	7	12.3	-71	34.1	9.7 ^ v
43	-71°	545	7	12.6	-71	52.3	9.7 ^ v
44	-71°	537	7	15.5	-71	31.2	7.7 ^ v
45	-71°	562	7	20.5	-71	57.0	9.0 ^ v
46	-71°	570	7	24.4	-71	42.7	8.0 ^ v
47	-72°	587	7	22.5	-72	21.0	9.4 ^ v
48	-72°	585	7	20.4	-72	44.9	9.4 ^ v
49	-72°	591	7	25.2	-72	46.4	9.1 ^ v
50	-72°	600	7	29.2	-72	50.0	8.8 ^ v
51	-73°	~~562~~ 452	7	31.7	-73	6.9	9.5 ^ v
52	-72°	608	7	32.2	-72	40.7	9.1 ^ v
53	-71°	580	7	27.7	-71	58.8	9.0 ^ v
54	-72°	594	7	26.2	-72	8.5	8.9 ^ v

cards made out

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Wednesday, Jan. 22, 1913.
B 15168 short exp.

No.	Int.	Class	Remark
55	4	Ma	
56	3	A	
57	3	Ky5	
58	4	A5	
59	5	A2	
60	3	Ho	
61	2	Ho	
62	8	Ho	
63	3	A0	
64	7	B9	
65	2	Ks	
66	2	Ho	
67	5	F5	
68	9	Ho	
69	2	Ho	
70	3	A5	
71	2	F5	
72	1	Ho	
73	7	F8	
74	2	Ho	
75	3	F5	
76	1	K5	Partly superposed on 75.
77	2	K5	
78	6	Ko	
79	4	Ho	
80	2	F5	
81	3	K5	

55	-71°	565	7	22.3	-71	17.4	9.0 ^ v
56	-71°	567	7	23.1	-71	19.9	9.4 ^v -71° 568 Superposed
57	-71°	583	7	30.5	-71	44.1	8.8 ^ v
58	-71°	588	7	33.2	-71	43.9	8.5 ^ v
59	-72°	611	7	34.7	-72	18.6	8.4 ^ v
60	-72°	623	7	41.4	-72	17.3	8.8 ^ v
61	-72°	619	7	40.3	-72	52.8	9.1 ^ v
62	-70°	638	7	24.1	-70	23.3	7.9 ^ v
63	-70°	642	7	24.5	-70	18.9	8.6 ^ v
64	-70°	644	7	24.9	-70	31.3	7.8 ^ v
65	-70°	634	7	22.5	-70	44.8	9.2 ^ v
66	-71°	559	7	18.9	-71	6.1	9.4 ^ v
67	-70°	613	7	14.5	-70	18.8	8.7 ^ v
68	-69°	705	7	12.2	-69	54.6	7.8 ^ v
69	-70°	605	7	11.4	-70	8.2	9.2 ^ v
70	-70°	603	7	10.9	-70	27.9	9.1 ^ v
71	-70°	610	7	12.5	-70	33.6	9.2 ^ v
72	-70°	607	7	11.8	-70	22.1	9.6 ^ v
73	-69°	719	7	20.3	-69	58.2	7.7 ^ v
74	-69°	723	7	21.1	-69	55.8	9.4 ^ v
75	-70°	632	7	22.4	-70	3.9	9.2 ^ v
76	-70°	635	7	22.5	-70	1.2	9.2 ^ v
77	-69°	728	7	23.5	-69	50.8	8.8 ^ v
78	-70°	648	7	26.0	-70	9.0	8.6 ^ v
79	-70°	652	7	28.8	-70	29.6	8.4 ^ v
80	-70°	655	7	30.4	-70	31.6	8.9 ^ v
81	-71°	590	7	33.8	-71	0.9	9.1 ^ v

cards made out

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Wednesday, Jan. 22. 1913.
B 15168 short exp.

No.	Int.	Class	Remark
82	6	Fz	
83	7	F0	
84	4	F5	
85	7	F5	
86	5	G2	
87	8	K0	
88	4	K5	
89	2	M0	
90	1	M	
91	2	F8	Time: 10.50
92			
93			
94			
95			
92	3½	B2	
93	5	F0	

82	−70°	664	7	35.3 − 70	6.2	8.0 1↓
83	−70°	666	7	36.4 − 70	14.4	7.6 1↓
84	−69°	752	7	35.7 − 69	57.9	8.0 1↓
85	−69°	736	7	27.2 −69	19.1	7.7 1↓
86	−69°	737	7	27.5 −69	15.5	8.0 1↓
87	−71°	607	7	42.0 − 71	27.9	7.7 1↓
88	−71°	612	7	42.9 − 71	14.3	8.2 1↓
89	−71°	615	7	44.6 − 71	18.3	9.0 1↓
90	−70°	671	7	38.8 − 70	35.5	9.2 1↓
91	−70°	669	7	38.2 −70	17.2	8.4 1↓

Identified by ams, Feb 11, 1913
Checked Feb. 18. 1913 [illegible]
cards made out by M.C.W.
Cards checked by S.R.B.

✓	92 −67	675	6	54.5 − 68	0	8.6 3. on B15223
✓	93 −72	582				42 on B20652

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Wednesday Jan. 22 1913.

Time 10.55

B15223 Lick aisp.

Nr.	Int.	Class	Remark
1	4	K_0	
2	4	K_0	
3	6	F_0	
4	2	F_5	
5	4	K_0	
6	2	G_0	
7	1	K_0	
8	1	K_5	
9	1	A_2	
10	4	G_0	
11	1	K_2	
12	6	$F_3 g$	
13	3	G_5	
14	1	K_5	
15	2	A_0	
16	4	G_5	
17	3	F_5	
18	3	F_2	
19	1	K	
20	1.	K	
21	4	A_3	
22	2	K_0	
23	1	A	
24	2	K_5	
25	2	K_0	
26	3	K_0	
27	1	K_0	

1	−64°	604	6	40.6 − 64	14.1	8.4 ∧ ∨
2	−64°	605	6	41.0 − 64	29.6	8.4 ∧ ∨
3	−64°	608	6	41.4 − 64	23.8	8.2 ∧ ∨
4	−64°	616	6	44.0 − 64	31.0	8.8 ∧ ∨
5	−64°	623	6	46.7 − 64	56.9	8.8 ∧ ∨
6	−65°	656	6	46.9 − 65	25.9	9.1 ∧ ∨
7	−65°	650	6	44.1 − 65	26.3	9.2 ∧ ∨
8	−66°	602	6	45.5 −66	12.2	9.3 ∧ ∨
9	−66°	593	6	42.9 − 66	5.3	9.2 ∧ ∨
10	−66°	600	6	44.9 − 66	43.7	8.8 ∧ ∨
11	−66°	589	6	41.8 − 66	49.2	9.3 ∧ ∨
12	−67°	650	6	44.5 −67	34.1	8.5 ∧ ∨
13	−67°	652	6	45.3 −67	41.3	8.6 ∧ ∨
14	−67°	654	6	45.5 − 67	47.1	9.4 ∧ ∨
15	−67°	659	6	46.7 − 67	12.0	9.2 ∧ ∨
16	−67°	664	6	49.2 − 67	12.1	8.7 ∧ ∨
17	−67°	670	6	49.9 − 67	31.9	8.8 ∧ ∨
18	−68°	567	6	48.6 − 68	16.7	8.6 ∧ ∨
19	−68°	568	6	50.2 − 68	22.1	9.4 ∧ ∨
20	−68°	570	6	51.1 − 68	33.2	9.9 ∧ ∨
21	−68°	571	6	51.6 − 68	33.6	8.6 ∧ ∨
22	−69°	662	6	50.6 − 69	10.8	9.4 ∧ ∨
23	−69°	660	6	48.6 − 69	9.1	9.2 ∧ ∨
24	−69°	668	6	52.6 − 69	15.7	9.2 ∧ ∨
25	−69°	669	6	52.6 − 69	28.2	9.0 ∧ ∨
26	−69°	671	6	54.8 − 69	5.0	9.2 ∧ ∨
27	−68°	578	6	54.9 − 68	47.4	9.0 ∧ ∨

cards made out

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Wednesday. Jan. 22, 1913.
D1522.3 slot disp.

hr.	Int.	Class	Remark
28	3	Fc	
29	8	Ho	
30	5	Q3?	Image defective.
31	2	Gc	
32	2	Fe	
33	2	Fc	
34	3	Qo	
35	5	Go	
36	8	Gc	
37	1	Ho	
38	1	Gc	
39	1	Q	Image defective.
40	6	Fc	
41	7	Ho	
42	7	Be	
43	c	Ho	
44	7	Go	
45	1	Ko	
46	5	Fe	
47	3	Q2	
48	1	Q	
49	4	Ho	
50	1	Ho	
51	7	Q2	
52	1	Gc	
53	3	Fc	
54	K1	Ho	

28	-68°	580	6	56.6	-68	51.1	8.7 1 ∨
29	-68°	579	6	56.1	-68	20.3	8.0 1 ∨
30	-67°	675	6	54.5	-67	59.9	8.6 1 ∨
31	-68°	584	6	57.9	-68	10.6	8.8 1 ∨
32	-69°	682	6	58.9	-69	12.4	8.6 1 ∨
33	-69°	686	6 & 7	0.7	-69	37.8	9.0 1 ∨
34	-69°	687	7	4.8	-69	29.7	9.2 1 ∨
35	-68°	589	7	6.6	-68	48.9	8.8 1 ∨
36	-68°	591	7	6.7	-68	38.2	7.6 1 ∨
37	-68°	587	7	4.9	-68	3.4	9.2 1 ∨
38	-67°	694	7	3.1	-67	49.5	9.4 1 ∨
39	-67°	693	7	3.0	-67	12.8	9.0 1 ∨
40	-66°	646	7	3.0	-66	42.2	8.3 1 ∨
41	-66°	655	7	6.6	-66	49.0	8.3 1 ∨
42	-67°	710	7	7.9	-67	44.1	7.6 1 ∨
43	-67°	719	7	11.1	-67	44.9	8.4 1 ∨
44	-67°	720	7	12.3	-67	33.6	7.9 1 ∨
45	-67°	723	7	14.3	-67	27.3	9.0 1 ∨
46	-67°	726	7	15.0	-67	50.5	8.2 1 ∨
47	-68°	608	7	11.8	-68	37.2	8.8 1 ∨
48	-68°	607	7	11.3	-68	52.0	9.0 1 ∨
49	-69°	715	7	19.2	-69	5.6	8.4 1 ∨
50	-69°	724	7	21.3	-69	12.6	9.2 1 ∨
51	-67°	746	7	23.5	-67	46.3	7.9 1 ∨
52	-69°	738	7	26.0	-69	6.9	9.4 1 ∨
53	-68°	640	7	26.5	-68	39.0	8.4 1 ∨
54	-69°	635	7	26.1	-68	28.9	9.2 1 ∨

Cards made out

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Wednesday Jan. 22 1913.
B15223 about asp.

Nr.	Int.	Class	Remark
55	3	K0	
56	2	K0	
57	4	A2	
58	1	G0	
59	3	G0	
60	1	G5	
61	2	G0	
62	1	G5	
63	2	K0	
64	5	G5	
65	6	A3	
66	1	G5	
67	3	K0	
68	8	B9	
69	4	A0	
70	4	K0	
71	3	K5	
72	4	Ma	
73	4	A3	
74	3	F2	
75	7	G5	
76	1	A	Partly superposed on 75.
77	2	G0	
78	2	G0	
79	2	A2	
80	2	A0	
81	2	G5	

55	-68°	648	7	28.0	-68	29.9	8.6	∧ ✓
56	-68°	651	7	29.0	-68	19.0	9.0	∧ ∨
57	-68°	653	7	30.7	-68	43.8	8.4	∧ ∨
58	-68°	652	7	29.8	-68	7.1	9.0	∧ ∨
59	-67°	763	7	29.5	-67	53.3	8.5	∧ ∨
60	-67°	759	7	27.9	-67	53.8	9.1	∧ ∨
61	-67°	759 (759')	7	31.0 (27.9)	-67	33.0 (53.8)	8.8 (9.1)	∧ ✓
62	-67°	770	7	30.8	-67	16.4	9.1	∧ ∨
63	-67°	773	7	31.9	-67	8.2	8.9	∧ ✓
64	-66°	707	7	31.0	-66	54.8	8.6	∧ ∨
65	-66°	700 640	7	27.5	-66	43.2	8.3	∧ ∨
66	-66°	696	7	26.4	-66	86.6	8.9	∧ ∨
67	-66°	689	7	23.7	-66	17.5	8.9	∧ ∨
68	-66°	687	7	22.4	-66	17.6	7.8	∧ ✓
69	-67°	741	7	22.3	-67	3.2	8.5	∧ ∨
70	-67°	742	7	22.7	-67	7.2	8.7	∧ ✓
71	-67°	749	7	24.2	-67	27.1	9.0	∧ ∨
72	-66°	680	7	19.0	-66	57.2	8.8	∧ ✓
73	-66°	669	7	15.9	-66	34.7	8.5	∧ ✓
74	-66°	673	7	16.7	-66	46.8	8.8	∧ ∨
75	-66°	661	7	10.8	-66	51.2	8.3	∧ ✓
76	-66°	662	7	10.9	-66	53.4	8.8	∧ ∨
77	-66°	659	7	10.5	-66	6.8	8.8	∧ ✓
78	-66°	618	6	52.3	-66	40.0	9.1	∧ ∨
79	-66°	622	6	54.0	-66	49.1	9.1	∧ ∨
80	-67°	677	6	55.8	-67	14.1	9.1	∧ ∨
81	-67°	678	6	56.8	-67	8.5	8.9	∧ ✓

cards made out

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Wednesday. Jan. 23, 1913.

B 15323 short exp.

No.	Int.	Class	Remark
82	4	75	
83	7	65	
84	2	45	
85	6	78	
86	3	70	
87	5	05	
88	3	70	
89	2	Ma	
90	4	02	
91	1	0	
93	1	7	
93	3	65	
94	5	60	
95	8	75	
96	2	0	
97	2	75	
98	2	50	
99	1	51	
100	1	6	Time: 11.14 Jan. 23. 1913
101	1	45	Time: 10.59
102	3	05	
103	3	75	
104	1	6	
105	2	65	
106	3	40	
107	5	40	
108	2	02	

82	-66°	632	6	57.7	-66	49.0	8.7 1 ↓
83	-66°	608	6	49.8	-66	8.6	7.9 1 ↓
84	-66°	605	6	48.6	-66	0.2	9.1 1 ↓
85	-65°	663	6	51.4	-65	27.8	8.0 1 ↓
86	-65°	664	6	51.8	-65	6.2	8.7 1 ↓
87	-65°	666	6	52.4	-65	15.9	8.3 ↓
88	-65°	669	6	52.9	-65	42.0	8.7 1 ↓
89	-65°	670	6	53.4	-65	45.1	9.0 1 ↓
90	-65°	673	6	55.2	-65	47.0	8.2 1 ↓
91	-66°	620	6	53.0	-66	11.1	9.2 1 ↓
92	-66°	616	6	52.2	-66	18.0	9.1 1 ↓
93	-65°	682	6	59.5	-65	41.3	9.0 1 ↓
94	-65°	685	6 7	0.0	-65	44.0	8.7 1 ↓
95	-65°	686	7	0.6	-65	31.6	8.0 1 ↓
96	-64°	637	6	58.3	-64	49.9	8.8 1 ↓
97	-64°	638	6	55.8	-64	24.4	8.8 1 ↓
98	-64°	646	6	58.5	-64	31.0	9.0 1 ↓
99	-65°	681	6	58.5	-65	2.4	9.1 1 ↓
100	-64°	642	6	57.2	-64	40.8	9.0 1 ↓
101	-65°	712	7	9.9	-65	23.0	9.2 1 ↓
102	-65°	714	7	10.3	-65	33.0	8.9 1 ↓
103	-65°	726	7	15.3	-65	58.4	8.9 1 ↓ -65° 727 Magn. 9.2 superposed
104	-66°	675	7	17.2	-66	20.6	9.1 ↓
105	-66°	686	7	21.8	-66	3.4	8.9 ↓
106	-65°	747	7	20.8	-65	24.9	9.1 ↓
107	-65°	753	7	22.4	-65	13.2	8.7 ↓
108	-65°	740	7	18.3	-65	36.1	9.0 ↓

Cards made out

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Thursday, Jan. 23 1913.
B1523.3 slant disk.

No.	Int.	Class	Remark
109	1	Ly	
110	1	Ly5	
111	1	Ly0	
112	4	A2	
113	4	Ly6	
114	1	Ly6	
115	3	Ly0	
116	2	A0	
117	3	Ly6	
118	2	A3	
119	5	Ly5	
120	3	F2	
121	4	A2	
122	7	A0	
123	3	F8	
124	8	F38	
125	2	Ly0	
126	6	A2	
* Time 11.05 127	7	A2	
(129			
130)			
128	2	F45	

109	-65°	728	7	16.2	-65	9.7	9.0	∧ ∨
110	-64°	698	7	17.1	-64	59.2	9.0	∧ ∨
111	-64°	704	7	18.3	-64	59.7	9.1	∧ ∨
112	-65°	757	7	24.7	-65	41.0	8.9	∧ ∨
113	-65°	763	7	26.8	-65	59.9	8.9	∧ ∨
114	-66°	693	7	25.6	-66	12.1	9.2	∧ ∨
115	-66°	706	7	30.8	-66	4.9	9.0	∧ ∨
116	-65°	773	7	31.1	-65	40.9	8.9	∧ ∨
117	-65°	771	7	30.5	-65	20.8	9.1	∧ ∨
118	-65°	764	7	27.0	-65	35.2	9.0	∧ ∨
119	-65°	762	7	26.2	-65	20.4	8.4	∧ ∨
120	-65°	759	7	25.1	-65	18.0	8.8	∧ ∨
121	-65°	758	7	25.0	-65	3.9	8.5	∧ ∨
122	-64°	711	7	22.5	-64	26.7	8.1	∧ ∨
123	-64°	709	7	22.0	-64	23.1	8.9	∧ ∨
124	-64°	686	7	12.5	-64	39.4	7.3	∧ ∨
125	-64°	688	7	11.6 +12.5	-64	26.8 39.4	8.9 7.8	∧ ∨
126	-64°	677	7	9.3	-64	15.0	7.9	∧ ∨
127	-64°	660	7	3.3	-64	18.0	7.8	∧ ∨

Identified by AMC. Feb. 8, 1913
Checked Feb. 20 1913 E.F.W.
Cards made out by M. C. W.
Cards checked by E.R.B.

✓ 128	-67°	573	6	20.8	-67	8.3	7.5	112m B1 84 85

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Thursday Jan. 23, 1913.

Time: 11.08

B1848 short disp.

No.	Int.	Class	Remarks
1	3	Go	
2	4	A5	
3	10+	A5	Burned out
4	2	A5	Two stars superposed?
5	4	F0	
6	3	A2	
7	5	G5	
8	8	G5	
9	7	K3	
10	7	K3	
11	4	K2	
12	2	K2	
13	3	G5	
14	3	G0	
15	4	F0	
16	5	A0	
17	6	A2	
18	8	B5	
19	6	K0	
20	4	F0	
21	4	K1	
22	2	A5	
23	5	A3	
24	3	A5	
25	8	A3	
26	3	K5	
27	7	A0	

1	-61°	714	6	45.9	-61	40.2	8.1	∧ ∨
2	Trail of	-61° 720	6	46.9	-61	48.4	4.1	∧ ∨
3	-61°	720	6	46.9	-61	48.4	4.1	∧ ∨
4	-62°	714	6	47.3	-62	3.4	9.0	∧ ∨
5	-61°	731	6	51.8	-61	29.5	8.1	∧ ∨
6	-61°	737	6	53.4	-61	59.0	8.4	∧ ∨
7	-62°	732	6	68.0	-62	18.2	8.2	∧ ∨
8	-61°	754	6	58.5	-61	10.0	7.9	∧ ∨
9	-60°	747	6	59.2	-60	57.8	7.5	∧ ∨
10	-60°	742	6	58.7	-60	41.0	7.6	∧ ∨
11	-60°	737	6	57.5	-60	34.9	8.2	∧ ∨
12	-60°	733	6	57.0	-60	55.6	8.4	∧ ∨
13	-60°	730	6	55.8	-60	40.9	8.2	∧ ∨
14	-60°	731	6	56.5	-60	7.5	8.2	∧ ∨
15	-60°	762	7	3.1	-60	36.9	8.3	∧ ∨
16	-59°	767	7	3.6	-59	57.9	7.8	∧ ∨
17	-59°	770	7	4.8	-59	48.0	7.8	∧ ∨
18	-59°	771	7	5.4	-59	31.1	6.7	∧ ∨
19	-60°	782	7	7.7	-60	10.6	7.7	∧ ∨
20	-60°	778	7	7.4	-60	22.3	7.8	∧ ∨
21	-58°	793	7	10.3	-58	37.5	7.7	∧ ∨
22	-59°	797	7	11.5	-59	50.6	8.0	∧ ∨
23	-59°	809	7	15.7	-59	2.1	7.5	∧ ∨
24	-59°	811	7	16.6	-59	30.1	8.0	∧ ∨
25	-58°	835	7	13.4	-58	19.3	7.4	∧ ∨
26	-58°	887	7	13.6	-58	35.0	8.6	∧ ∨
27	-59°	1189	7	17.1	-59	49.2	6.9	∧ ∨

cards made out

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Thursday, Jan. 23 1913.

B1848 short disp.

No.	Int.	Class	Remark
28	5	Ao	
29	4	Ao	
30	8	Ks	
31	3	Fo	
32	4	A3	
33	7	F5	
34	2	Go	
35	2	K5	
36	5	Ao	
37	6	B3	
38	5	F5	
39	7	B3	
40	3	A2	
41	2	K5	
42	4	Fo	
43	2	Go	
44	2	K0	
45	3	K0	
46	3	F5	
47	5	A5	
48	3	K5	
49	2	Go	
50	7	F2	
51	4	A2	
52	3	Fo	
53	7	K0	
54	2	A3	

28	-58°	899	7	18.5	-58	26.1	7.5 1 V
29	-58°	907	7	20.7	-58	40.2	8.0 1 V
30	-58°	909	7	22.0	-58	15.0	7.4 1 V
31	-59°	829	7	25.0	-59	19.3	8.3 1 V
32	-59°	834	7	27.8	-59	50.9	8.0 1 V
33	-60°	846	7	28.2	-60	59.1	7.9 1 V
34	-61°	894	7	28.8	-61	9.0	8.6 1 V
35	-61°	838	7	30.2	-61	25.8	8.6 1 V
36	-60°	860	7	32.9	-60	48.3	7.8 1 V
37	-61°	851	7	34.8	-61	35.5	8.0 1 V
38	-59°	849	7	32.2	-59	58.3	8.0 1 V
39	-60°	869	7	36.7	-60	20.5	7.4 1 V
40	-62°	844	7	~~36.3~~ 32.8	-62	~~1.2~~ 7.3	~~8.2~~ 8.4 1 V
41	-62°	857	7	37.0	-62	7.7	8.8 1 V
42	-61°	870	7	39.2	-61	41.7	8.3 1 V
43	-60°	756	7	1.2	-60	52.6	8.5 1 V
44	-61°	765	7	3.6	-61	2.1	8.6 1 V
45	-61°	766	7	4.0	-61	12.6	8.4 1 V
46	-61°	773	7	5.1	-61	15.5	8.6 1 V
47	-62°	778	7	8.3	-62	6.1	7.9 1 V
48	-61°	784	7	10.9	-61	10.0	8.5 1 V
49	-61°	786	7	11.4	-61	23.7	8.5 1 V
50	-60°	803	7	12.8	-60	51.0	7.4 1 V
51	-60°	810	7	14.4	-60	18.0	7.9 1 V
52	-60°	819	7	17.0	-60	22.2	8.4 1 V
53	-60°	821	7	17.9	-60	54.7	7.8 1 V
54	-60°	824	7	20.4	-60	2.9	8.3 1 V

Cards made out

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Thursday, Jan 23 1913.
B 1848 chest disp.

No.	Ext.	Class	Remark
55	7	A0	
56	7	F0	
57	9	B8	
58	4	A3	
59	10	A0	
60	6	A3	
61	6	A0	
62	3	G5	
63	8	B3	
64	9	B3	
65	8	F5	
66	4	B3	
67	3	A3	
68	2	G0	
69	4	A0	
70	7	F0	
71	3	F2	
72	5	F0	
73	4	A2	
74	8	A0	
75	6	A0	
76	8	A0	
77	3	F0	
78	4	F0	
79	4	F2	
80	7	F5	
81	7	F5	

55	-60°	836	7	22.2	-60	35.5	7.8
56	-62°	824	7	21.6	-62	1.6	8.0
57	-61°	814	7	20.2	-61	42.7	7.3
58	-61°	813	7	20.0	-61	45.2	7.9
59	-62°	789	7	10.8	-62	58.7	6.7
60	-62°	796	7	12.7	-62	49.0	8.1
61	-62°	803	7	13.5	-62	50.7	8.3
62	-62°	812	7	16.1	-62	47.5	8.7
63	-63°	712	7	16.0	-63	15.1	8.1
64	-63°	717	7	17.5	-63	9.3	7.3
65	-63°	711	7	15.6	-63	54.2	7.9
66	-63°	718	7	17.5	-63	49.9	8.7
67	-63°	726	7	19.8	-63	30.4	8.7
68	-63°	729	7	20.8	-63	39.3	8.9
69	-63°	739	7	26.6	-63	17.7	8.6
70	-63°	741	7	27.3	-63	12.0	8.3
71	-63°	749	7	30.0	-63	9.7	8.7
72	-63°	751	7	31.4	-63	3.3	8.3
73	-62°	846	7	33.7	-62	45.5	8.4
74	-63°	760	7	35.5	-63	1.2	8.2
75	-63°	759	7	35.4	-63	55.9	8.3
76	-63°	763	7	36.8	-63	39.4	7.9
77	-63°	764	7	36.9	-63	17.0	8.8
78	-63°	768	7	37.7	-63	8.2	8.6
79	-63°	774	7	39.7	-63	4.0	8.8
80	-64°	728	7	36.3	-64	6.3	8.0
81	-64°	721	7	27.8	-64	14.9	8.1

cards made out

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Thursday Jan 23.1913.
B18486 chart disp.

	No.	Int.	Class	Remark
	82	3	J_0	
	83	3	J_5	
	84	2	A_0	
	85	2	J_2	
	86	2	A_3	
	87	3	F_0	
	88	10	A_3	
	89	10+	A	
	90	4	A_0	
	91	4	J_5	
June 11.30	92	1	J_2	
	93			
	94			
	95			
	93	2	A_3	
	94	2	A_2	
	95	2	A_0	
	96	2	A_3	
	97	2	A_0	

82	-64°	720	7	27.6	-64	22.5	8.7 ∧ J
83	-63°	738	7	26.1	-63	59.0	8.8 ∧ V
84	-64°	718	7	26.8	-64	6.1	8.8 ∧ J
85	-64°	723	7	27.9	-64	6.1	8.8 ∧ J
86	-64°	725	7	28.2	-64	24.7	8.9 ∧ J
87	-64°	722	7	27.9	-64	30.9	8.8 V
88	-58°	820	6	59.1	-58	45.9	6.9 ∧ J
89	-58°	826	7	1.3	-58	59.6	6.0 ∧
90	-58°	835	7	2.6	-58	38.3	7.9 ∧ J
91	-59°	753	7	0.2	-59	16.5	8.2 V
92	-59°	752	6	59.7	-59	15.0	8.5 ∧ J

Identified by Anne. Feb. 10, 1913
Checked Feb. 17 1913 HSW
cards made out by M.C.W.
Cards checked by E.R.K.

✓	93	-58°	877	7	18.3	-58	56	8.4 23 on B 12757
✓	94	-59°	808	7	15.3	-59	24	8.7 21 " "
✓	95	-58°	917	7	26.4	-58	9	8.2 27 " "
✓	96	-57°	1246	7	28.7	-57	44	8.3 29 " "
✓	97	-59°	819	7	19.2	-59	55	8.8 51 " "

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Thursday, Jan. 23 1913.

Time: 11.31 B I 5/176 short disp (for faint stars)

No.	Int.	Class	Remark
1	1	A	
2	4	Ap	
3	3	Bp	
4	5	As	
5	2	A5	
6	1	F2	
7	2	F	
8	2	F0	
9	1	A2	
10	1	F2	
11	1	F5	
12	2	F2	
13	3	F0	
14	4	F2	
15	1	F5	
16	1	F0	
17	1	F0	
18	x	A	
19	4	F0	
20	2	A0	
21	4	A0	
22	1	Bs	
23	2	A0	
24	4	F0	
25	1	Bs	
26	1	A	
27	1	A	

1	-63°	617	6	37.5	-63	55.8	9.0	1 J
2	-64°	604	6	40.6	-64	14.1	8.4	1 J
3	-64°	605	6	41.0	-64	29.6	8.4	1 J
4	-64°	608	6	41.4	-64	23.8	8.2	1 V
5	-64°	616	6	44.0	-64	31.0	8.8	1 J
6	-63°	630	6	42.6	-63	46.2	9.2	1 J
7	-63°	627	6	41.3	-63	35.3	9.1	1 J
8	-63°	634	6	44.3	-63	12.1	8.9	1 J
9	-63°	639	6	47.2	-63	18.0	9.1	1 J
10	-62°	723	6	50.1	-62	55.4	9.2	1 J
11	-62°	724	6	50.2	-62	27.1	8.8	1 J
12	-62°	731	6	52.9	-62	55.1	9.1	1 J
13	-63°	647	6	53.6	-63	0.4	8.8	1 J
14	-63°	651	6	54.8	-63	9.1	8.8	1 J
15	-63°	641	6	50.9	-63	52.5	8.8	1 J
16	-63°	644	6	52.4	-63	53.4	9.2	1 J
17	-64°	634	6	54.7	-64	11.0	9.2	1 J
18	-64°	644	6	57.5	-64	10.3	9.1	1 J
19	-63°	668	7	0.7	-63	26.1	8.9	1 J
20	-64°	663	7	4.7	-64	5.0	8.9	1 J
21	-63°	683	7	5.1	-63	53.1	8.6	1 J
22	-63°	686	7	5.9	-63	48.3	9.0	1 V
23	-63°	689	7	7.1	-63	16.5	8.9	1 J
24	-63°	692	7	8.0	-63	33.3	8.8	1 J
25	-63°	695	7	8.6	-63	36.1	9.0	1 J
26	-63°	699	7	10.0	-63	44.9	9.1	1 J
27	-63°	705	7	12.3	-63	43.6	8.9	1 J

cards made out

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Thursday Jan 23, 1913

B 18 5 1/2 7 1/2 shot clisp.

No.	Int.	Class	Remark
28	1	H^0	
29	2	H^0	
30	1	H^2	
31	10	H^5	
32	6	H^9	
33	2	H^0	
34	10	A^0	
35	4	A^0	
36	1	H^5	
37	1	H^0	
38	3	H^8	
39	2	H^2	
40	1	H^5	
41	2	A^5	
42	1	b^5	
43	3	H^5	
44	5	H^2	
45	1	H^5	
46	3	H^2	
47	1	b	
48	2	A^2	
49	2	A^0	
50	1	b	
51	2	A	
52	2	A^2	
53	2	H^0	
54	+2	b^5	

28	−64°	692	7	15.1	−64	25.0	8.9	∧∨
29	−60°	707	6	46.6	−60	41.6	8.4	∧∨
30	−60°	710	6	47.8	−60	13.5	8.8	∧∨
31	−60°	712	6	48.4	−60	6.3	6.7	∧∨
32	−59°	718	6	52.2	−59	43.3	7.5	∧∨
33	−59°	717	6	52.1	−59	58.9	8.8	∧∨
34	−59°	716	6	50.9	−59	11.3	6.7	∧∨
35	−59°	732	6	54.7	−59	9.6	8.0	∧∨
36	−59°	740	6	57.5	−59	52.1	8.8	∧∨
37	−59°	742	6	58.5	−59	47.0	8.9	∧∨
38	−61°	749	6	56.5	−61	21.0	8.7	∧∨
39	−61°	741	6	54.7	−61	33.8	8.8	∧∨
40	−61°	751	6	58.0	−61	59.0	9.0	∧∨
41	−61°	755	6	58.8	−61	36.2	8.7	∧∨
42	−61°	756	6	59.4	−61	22.2	8.8	∧∨
43	−60°	756	6 7	1.2	−60	52.6	8.5	∧∨
44	−60°	762	7	3.1	−60	36.9	8.3	∧∨
45	−60°	746	6	59.0	−60	37.5	9.0	∧∨
46	−60°	750	6	59.5	−60	35.9	8.6	∧∨
47	−60°	752	6	59.8	−60	34.9	8.9	∧∨
48	−61°	763	7	3.2	−61	39.1	8.9	∧∨
49	−62°	755	7	0.2	−62	32.7	8.8	∧∨
50	−62°	743	6	56.5	−62	54.0	9.0	∧∨
51	−63°	677	7	2.6	−63	20.1	9.1	∧∨
52	−63°	681	7	4.0	−63	5.3	9.1	∧∨
53	−62°	764	7	4.8	−62	55.2	8.9	∧∨
54	−62°	790	7	11.1	−62	52.3	8.9	∧∨

Cards made out

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Thursday, Jan. 23, 1913.

73 N 517 6 short exp.

No.	Int.	Class	Remarks
55	2	F8	
56	1	F2	
57	1	F5	
58	1	F5	
59	2	F0	
60	2	F0	
61	2	F8	
62	1	A0	
63	1	G5	
64	4	F0	
65	5	A0	
66	4	G0	E.
67	5	A	E.
68	4	A5	E.
69	2	F6	
70	3	A	
71	3	A	
72	1	F2	
73	1	A	
74	1	F0	
75	1	F5	
76	2	F5	
77	2	G5	
78	1	A5	
79	3	G5	
80	1	F5	
81	3	F0	

55	-62°	782	7	9.0	-62	48.7	8.9
56	-63°	704	7	12.1	-63	0.1	9.0
57	-63°	703	7	12.0	-63	8.8	9.2
58	-62°	806	7	14.4	-62	57.4	9.1
59	-61°	781	7	9.9	-61	37.0	8.7
60	-60°	798	7	11.1	-60	45.1	8.8
61	-60°	802	7	11.8	-60	32.7	8.4
62	-60°	800	7	11.3	-60	14.4	8.6
63	-60°	789	7	8.8	-60	36.9	8.8
64	-58°	807	6	57.0	-58	20.5	7.8
65	-58°	816	6	58.5	-58	12.8	7.9
66	-57°	1085	6	57.2	-57	24.2	8.0
67	-58°	788	6	49.6	-58	10.6	7.6
68	-58°	779	6	46.6	-58	19.5	7.9
69	-58°	776	6	44.7	-58	31.0	8.5
70	-59°	697	6	43.1	-59	10.3	8.4
71	-59°	698	6	43.4	-59	33.3	8.2
72	-60°	700	6	44.2	-60	7.7	8.9
73	-59°	703	6	44.9	-59	44.0	8.8
74	-59°	704	6	45.4	-59	49.4	8.2
75	-59°	699	6	43.6	-59	47.5	9.0
76	-59°	709	6	47.8	-59	42.9	8.7
77	-59°	714	6	49.7	-59	33.4	8.6
78	-59°	691	6	40.5	-59	30.5	8.8
79	-59°	681	6	36.3	-59	39.6	8.3
80	-60°	674	6	36.4	-60	0.5	8.5
81	-59°	677	6	34.9	-59	6.8	8.4

cards made out

7 1N.4-62 57.0 Wash. flat upper record

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

Thursday, Jan. 23. 1913.

B 18 5 17 6 short disp.

	Hr.	Int.	Class	Remark
	82	1	J5	
	83	5	J0	
	84	7	J3?	E.
	85	4	Co	
	86	4	J0	
Time 11.50	87	3	J5	

82 – 58°	739	6	33.6 – 58	59.0	9.0	1 J
83 – 58°	748	6	37.1 – 58	43.3	7.9	1 J
84 – 59°	686	6	38.5 – 59	0.3	7.4	J 59° 687 magn. 8.4 Superposed
85 – 58°	742	6	34.7 – 58	18.1	7.6	1 J
86 – 58°	744	6	35.5 – 58	4.5	7.8	1 J
87 – 58°	746	6	36.5 – 58	13.6	8.0	1 J

Identified by ANC. Feb. 10, 1913

Checked Feb. 24 1913 ADW.

cards made out by M. C.W.

Cards checked by E.B.B.

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

Friday, Jan 24 1913

13 8913 long airs.

June 10.30

No.	Int.	Class	Remark
1	4	Ao	
2	3	Ao	E.
3	4	K5	
4	3	K2	
5	2	K5	
6	2	K2	
7	2	K5	
8	4	K0	
9	9	K2	
10	4	Ao	
11	3	Ao	
12	8	B9	
13	6	K2	
14	9	K8	
15	8	B8	
16	6	K5	
17	9	B3	
18	5	B8	
19	5	B9	
20	4	K0	
21	2	Ao	
22	3	B9	
23	8	B3	
24	3	K0	
25	8	B9	
26	10	K5	
27	4	Ao	

1	-60°	869	7	36.7	-60	20.5	7.4	✓
2	-59°	873	7	39.2	-59	42.4	7.6	✓
3	-61°	888	7	44.6	-61	7.8	8.0	✓
4	-61°	875	7	41.5	-61	36.0	8.0	✓
5	-61°	870	7	39.2	-61	41.7	8.3	✓
6	-62°	878	7	43.1	-62	8.9	8.3	✓
7	-61°	883	7	43.8	-61	40.6	8.3	✓
8	-60°	893	7	46.9	-60	51.0	7.6	✓
9	-59°	908	7	47.2	-59	58.4	6.4	✓
10	-60°	916	7	51.5	-60	43.5	7.5	✓
11	-60°	932	7	53.8	-60	50.1	7.8	✓
12	-60°	937	7	54.2	-60	48.1	6.9	✓
13	-60°	934	7	53.8	-60	11.5 / 7.7	7.5 / 8.2	✓
14	-59°	944	7	55.5	-59	58.1	6.6	✓
15	-59°	954	7	57.5	-59	51.8	6.2	✓
16	-60°	1018	7	57.5	-60	14.5	7.3	✓
17	-60°	1006	7	56.7	-60	29.0	5.7	✓
18	-60°	988	7	56.3	-60	30.9	6.7	✓
19	-60°	967	7	55.7	-60	35.2	6.7	✓
20	-61°	941	7	57.1	-61	14.5	7.6	✓
21	-61°	947	7	59.0	-61	10.6	7.5	✓
22	-61°	956	7.8	1.2	-61	46.7	7.5	✓
23	-62°	953	8	2.9	-62	28.7	6.8	✓
24	-63°	892	8	5.0	-63	9.4	7.9	✓
25	-63°	896	8	6.8	-63	26.0	6.3	✓
26	-60°	1074	8	6.9	-60	55.4	6.2	✓
27	-60°	1072	8	6.5	-60	18.4	7.5	✓

cards made out.

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

Friday, Jan. 24. 1913.
B 8913 long drift.

No.	Int.	Class	Remark
28	3	A0	
29	4	A0	
30	10+	B3	Burned out.
31	2	A0	
32	7	B9	
33	4	A2	
34	3	A0	
35	4	A0	
36	3	B9	[the southern of two]
37	4	A0	
38	3	A0	
39	4	A0	
40	3	A3	
41	7	A2	
42	6	B2	
43	9	A0	
44	4	A2	
45	4	A2	
46	7	B8	
47	10	A	
48	5	A0	
49	10	A	
50	3	A2	
51	2	A0	
52	3	A2	
53	2	A0	The southern of two.
54	5	A2	

28	-59°	983	8	5.1	-59	59.1	7.6	✓
29	-60°	1056	8	2.8	-66	1.9	7.1	✓
30	-63°	866	7	58.7	-63	13.3	5.5	✓
31	-62°	932	7	56.6	-62	47.4	8.0	✓
32	-62°	925	7	55.6	-62	57.7	6.4	✓
33	-63°	828	7	50.8	-63	58.2	7.9	✓
34	-63°	815	7	47.2	-63	22.4	7.9	✓
35	-63°	797	7	44.2	-63	53.3	8.0	✓
36	-63°	788	7	42.2	-63	5.8	8.1	✓
37	-63°	763	7	36.8	-63	39.4	7.9	✓
38	-63°	760	7	35.5	-63	1.2	8.2	✓
39	-66°	687	7	22.4	-66	17.6	7.8	✓
40	-66°	700	7	27.5	-66	43.2	8.3	✓
41	-67°	785	7	35.9	-67	5.7	7.5	✓
42	-67°	788	7	37.9	-67	9.5	7.9	✓
43	-68°	656	7	33.5	-68	29.5	6.8	✓
44	-68°	662	7	36.9	-68	13.5	7.7	✓
45	-67°	791	7	38.5	-67	58.9	7.6	✓
46	-68°	659	7	36.5	-68	46.3	6.9	✓
47	-69°	770	7	44.6	-69	30.9	6.0	✓
48	-67°	811	7	45.6	-67	7.4	8.0	✓
49	-65°	827	7	48.8	-65	52.7	6.3	✓
50	-67°	836	7	50.6	-67	20.9	8.3	✓
51	-66°	783	7	37.7	-66	35.9	8.3	✓
52	-67°	858	7	58.4	-67	20.2	8.4	✓
53	-67°	866	8	1.8	-67	26.4	8.2	✓
54	-66°	796	8	3.8	-66	51.0	7.8	✓

Cards made out.

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

Friday, Jan 24, 1913.
B 8913 long disk.

No.	Int.	Class	Remark
55	5	K0	
56	2	A0	
57	10+	A	Burned out
58	6	A2	
59	8	A0	
60	9	K3	
61	3	K3	
62	4	A0	
63	3	K0	
64	7	A0	
65	4	F0	
66	10	K	
67	5	K3	
68	3	A0	
69	4	A0	
70	10	G5	
71	8	G5	
72	8	K3	
73	4	A0	
74	9	K0	
75	3	A0	
76	4	K3	
77	5	A2	
78	6	K3	E.
79	5	K3	E.
80	2	A2	
81	4	F5	

55	-68°	7.25	8	3.6	-68	34.7	8.0	✓
56	-68°	7.31	8	6.2	-68	15.1	8.4	✓
57	-68°	7.36	8	7.5	-68	15.0	5.0	✓
58	-68°	7.35	8	7.4	-68	31.9	7.6	✓
59	-68°	7.43	8	8.6	-68	37.3	7.4	✓
60	-69°	8.26	8	3.4	-69	37.0	6.9	✓
61	-69°	8.47	8	7.8	-69	31.9	7.8	✓
62	-69°	8.72	8	14.6	-69	14.2	8.0	✓
63	-68°	7.77	8	19.8	-68	39.7	8.0	✓
64	-66°	8.61	8	28.5	-66	43.1	7.5	✓
65	-66°	8.67	8	29.8	-66	26.4	7.8	✓
66	-65°	9.33	8	24.4	-65	43.1	5.7	✓
67	-65°	9.59	8	29.8	-65	6.0	7.1	✓
68	-64°	9.19	8	34.3	-64	22.7	7.9	✓
69	-64°	9.26	8	34.5	-64	13.3	7.6	✓
70	-64°	8.78	8	24.2	-64	11.4	7.2	✓
71	-63°	9.40	8	19.4	-63	42.4	7.5	✓
72	-63°	9.22	8	15.2	-63	47.9	6.8	✓
73	-64°	8.43	8	15.2	-64	0.9	7.4	✓
74	-65°	9.07	8	16.9	-65	13.3	6.8	✓
75	-65°	9.20	8	20.8	-65	7.4	8.1	✓
76	-61°	10.11	8	18.8	-61	59.7	7.6	✓
77	-61°	9.86	8	12.0	-61	3.8	8.1	✓
78	-59°	10.17	8	15.7	-59	55.4	7.3	✓
79	-59°	10.23	8	17.3	-59	42.4	7.3	✓
80	-63°	9.09	8	11.2	-63	36.0	8.0	✓
81	-64°	8.19	8	4.6	-64	1.0	8.0	✓

Cards made out.

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Friday, Jan. 24, 1913.
B8913 long disp.

No.	Int.	Class	Remark
82	3	A0	
83	5	g5	
84	4	F5	
85	3	A3	
86	8	g5	
Time: 12.45 87	3	A5	

82	-64°	815	8	2.4	-64	16.4	8.1	✓
83	-65°	858	8	1.5	-65	39.8	8.3	✓
84	-65°	846	8	56.7	-65	34.0	8.5	✓
85	-64°	757	7	47.4	-64	30.4	8.3	✓
86	-65°	806	7	43.9	-65	46.1	8.1	✓
87	-67°	799	7	41.2	-67	22.8	8.5	✓

Identified by M. C. W. Aug. 15, 1913.
Checked by AMC Aug. 30, 1913
Cards made out by E.R.B.
Cards checked by AMC

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

Friday, Jan. 24 1913.

June 10.146

B 15274 short disp.

No.	Int	Class	Remark
1	1	Hp	
2	2	Ip	
3	4	A2	
4	5	Fp5	
5	1	Ima	
6	5	Ao	
7	1	Hp5	
8	1	F	
9	1	Ip5	
10	3	Hp0	
11	6	Hp6	
12	1	Ip5	
13	1	Hp0	
14	4	Fp0	
15	7	Fp2	
16	1	F	
17	7	Hp0	
18	5	Ima	
19	5	Ip0	
20	4	Fp0	
21	1	Hp5	
22	5	Fp2	
23	2	Hp0	
24	1	Q	
25	2	Hp0	
26	2	Fp0	
27	1	Ip	

1	−63°	754	7	33.2	−63	12.9	9.0	✓
2	−63°	768	7	36.8	−63	39.4 (46.9)	7.0	✓ 1
3	−64°	736	7	37.7	−64	1.3	8.8	✓
4	−64°	738	7	39.2	−64	11.5	8.7	✓
5	−64°	739	7	39.4	−64	1.9	9.1	✓
6	−63°	778	7	40.1	−63	56.6	8.8	✓
7	−64°	733	7	34.5	−64	57.8	9.1	✓
8	−64°	734	7	35.6	−64	27.8	9.1	✓
9	−66°	712	7	33.7	−66	4.8	8.9	✓
10	−66°	713	7	34.2	−66	22.1	8.8	✓
11	−65°	785	7	36.8	−65	37.9	8.4	✓
12	−65°	783	7	36.4	−65	20.4	8.8	✓
13	−65°	786	7	37.3	−65	10.4	8.9	✓
14	−65°	787	7	40.9 (41.1)	−65	29.3 (13.3)	8.4	✓
15	−65°	796	7	40.9	−65	29.3	8.4	✓
16	−66°	736	7	42.0	−66	2.6	9.0	✓
17	−66°	733	7	41.8	−66	36.1	8.5	✓
18	−66°	737	7	43.5	−66	53.9	8.8	✓
19	−66°	743	7	45.2	−66	45.7	8.7	✓
20	−66°	745	7	46.0	−66	23.8	8.6	✓
21	−66°	752	7	47.6	−66	1.9	9.1	✓
22	−66°	759	7	50.1	−66	22.4	8.7	✓
23	−65°	826	7	48.5	−65	30.2	9.0	✓
24	−65°	829	7	49.8	−65	33.9	9.0	✓
25	−65°	810	7	44.6	−65	24.9	9.1	✓
26	−65°	815	7	43.9	−65	16.5	9.0	✓
27	−65°	808	7	44.1	−65	7.6	9.1	✓

Could made out

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Friday, Jan. 24, 1913.

13 15274 chest disp.

Nr.	Int	Class	Remark
28	3	Ge	
29	3	Fo	
30	1	H	
31	4	Ao	
32	3	Ao	
33	3	Ge	
34	2	Fo	
35	5	A2	
36	2	F2	
37	5	A2	
38	1	A	
39	2	Ge	
40	1	A2	
41	1	K5	
42	2	Ge	
43	3	Ge	
44	3	K2	
45	4	A2	
46	3	A5	
47	3	Ge	
48	2	A3	
49	3	K0	
50	7	A	
51	6	Ge	
52	2	K0	
53	1	F	
54	1	K0	

28	-64°	75.8	7	47.5	-64	45.7	8.9	J
29	-64°	751	7	44.7	-64	5.8	8.9	J
30	-64°	746	7	42.8	-64	19.1	9.1	J
31	-63°	821	7	48.9	-63	49.3	8.4	J
32	-64°	773	7	52.0	-64	22.2	8.8	J
33	-64°	769	7	51.7	-64	42.2	8.9	J
34	-64°	772 (62)	7	51.9 (1)	-64	57.1 (8)	9.1 (0)	V
35	-64°	776	7	53.0	-64	36.6	8.5	J
36	-64°	785	7	54.7	-64	57.0	8.9	J
37	-65°	843	7	55.6	-65	16.7	8.7	J
38	-65°	842	7	55.4	-65	29.0	9.1	V
39	-65°	839	7	53.9	-65	53.0	9.1	V
40	-66°	776	7	56.2	-66	15.5	9.1	V
41	-66°	778	7	56.4	-66	25.7	9.0	V
42	-66°	769	7	53.6	-66	44.1	9.0	J
43	-67°	838	7	53.4	-67	7.6	8.8	J
44	-67°	821	7	48.3	-67	7.5	8.9	J
45	-67°	809	7	45.4	-67	13.9	8.8	J
46	-67°	801	7	41.5	-67	23.9	8.9	J
47	-67°	792	7	38.6	-67	10.1	8.9	J
48	-67°	789	7	38.2	-67	11.2	9.0	J
49	-67°	782	7	35.5	-67	0.9	8.7	J
50	-67°	785	7	35.9	-67	5.7	7.5	J
51	-67°	786	7	36.3	-67	19.4	8.6	J
52	-67°	796	7	40.3	-67	58.4	9.0	J
53	-67°	802	7	41.6	-67	43.8	9.2	J
54	-67°	803	7	42.0	-67	48.2	9.0	J

Cards made out

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Friday, Jan. 24, 1913.

B 1574 almost disp.

No.	Int.	Class	Remark
55	3	Ma	
56	5	F2	
57	5	A5	
58	8	K0	
59	7	F0	
60	1	K5	
61	2	A5	
62	3	F0	
63	5	F0	
64	1	Pec.	Resembles class N.
65	7	N3	
66	8	K0	
67	5	N8	
68	2	K0	
69	2	F8	
70	2	K0	
71	1	K5	
72	7	F2	
73	1	K5	
74	1	K5	
75	1	K0	
76	4	A3	
77	2	K5	
78	2	K2	
79	5	K5	
80	7	A0	
81	8	K0	

55	-68°	6'72	7'	44.9	-68	27.0	8.8	V
56	-69°	7'58	7'	38.7	-69	2.3	8.2	J
57	-69°	7'43	7'	40.5	-69	10.4	8.4	V
58	-69°	7'64	7'	40.9	-69	33.0	8.2	J
59	-69°	7'57	7'	38.5	-69	46.8	8.0	V
60	-69°	7'48	7'	34.2	-69	36.9	9.2	V
61	-69°	7'43	7'	29.8	-69	39.1	8.5	J
62	-69°	7'51	7'	35.4	-69	52.1	8.0	V
63	-69°	7'52	7'	35.7	-69	57.9	8.0	V
64	-70°	6'70	7'	38.4	-70	3.6	9.9	V
65	-70°	6'73	7'	40.2	-70	9.1	8.0	J
66	-69°	7'68	7'	43.8	-69	45.5	7.8	V
67	-69°	7'75	7'	46.2	-69	11.3	8.0	V
68	-69°	7'71	7'	44.6	-69	12.5	8.4	J
69	-68°	6'69	7'	42.4	-68	54.3	8.6	V
70	-69°	7'78	7'	47.6	-69	23.3	8.6	
71	-69°	7'81	7'	49.8	-69	28.4	9.4	J
72	-69°	7'89	7'	51.3	-69	46.0	8.4	J
73	-69°	7'82	7'	50.0	-69	8.3	9.5	V
74	-68°	6'89	7'	52.6	-68	42.2	9.3	J
75	-68°	6'91	7'	53.8	-68	34.2	9.1	J
76	-68°	6'92	7'	54.4	-68	40.1	8.7	J
77	-68°	6'93	7'	54.7	-68	48.3	9.1	V
78	-68°	6'97	7'	55.9	-68	27.0	9.2	J
79	-69°	8'01	7'	56.4	-69	18.8	8.8	V
80	-69°	8'16	7'8	0.5	-69	50.0	8.4	J
81	-69°	8'20	8'	1.7	-69	40.5	8.3	J

cards — made out

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Friday. Jan. 24. 1913.

B 15274 abst disp.

Nr.	Int.	Class	Remark
82	3	K2	
83	6	K2	
84	7	K0	
85	6	K2	
86	4	F8	
87	4	G0	
88	3	A2	
89	5	F8	
90	3	F5	
91	4	A	Partly superposed on 92.
92	6	A0	
93	5	A2	
94	3	F2	
95	1	F5	
96	2	F0	
97	3	F8	
98	4	F0	
99	5	A0	
100	1	K0	
101	3	A0	
102	2	F	
103	5	F0	
104	1	A2	
105	3	F2	
106	4	A0	
107	5	A2	
108	1	K5	

82	-69°	8.21	8	2.0	-69	40.5	8.8	✓
83	-69°	8.22	8	2.2	-69	25.3	8.6	✓
84	-69°	8.38	8	5.5	-69	30.0	8.6	✓
85	-69°	8.41	8	6.0	-69	11.8	8.6	✓
86	-67°	8.26	7	48.9	-67	47.2	8.3	✓
87	-67°	8.39	7	53.4	-67	40.7	8.8	✓
88	-67°	8.43	7	54.1	-67	48.9	9.0	✓
89	-67°	8.50	7	56.1	-67	26.1	8.8	✓
90	-67°	8.54	7	57.3	-67	3.0	8.8	✓
91	-67°	8.65	8	1.8	-67	22.0	8.8	✓
92	-67°	8.66	8	1.8	-67	26.4	8.2	✓
93	-66°	7.92	8	2.5	-66	28.9	8.6	✓
94	-65°	8.62	8	2.8	-65	59.2	8.7	✓
95	-65°	8.61	8	1.9	-65	51.6	9.1	✓
96	-65°	8.52	8	58.4	-65	49.2	9.0	✓
97	-65°	8.53	7	58.4	-65	5.6	8.8	✓
98	-64°	7.93	7	57.2	-64	40.1	8.7	✓
99	-64°	7.94	7	57.4	-64	12.1	8.2	✓
100	-64°	7.84	7	56.1	-64	23.2	9.0	✓
101	-63°	8.55	7	36.2	-63	59.0	8.8	✓
102	-64°	7.84	7	54.6	-64	22.6	8.8	✓
103	-64°	8.01	7	59.1	-64	29.7	8.3	✓
104	-64°	8.07	8	0.2	-64	58.0	9.0	✓
105	-64°	8.11	8	1.8	-64	58.2	8.7	✓
106	-65°	8.57	8	1.4	-65	14.2	8.6	✓
107	-64°	8.20	8	4.7	-64	42.3	8.3	✓
108	-64°	8.25	8	6.7	-64	27.2	9.1	✓
					Cards	made	out	

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Friday. Jan 24. 1913.
B 15274 slant disp.

Nr.	Int.	Class	Remark
109	7	F0	
110	6	F2	
111	1	G5	
112	2	F0	
113	3	F0	
114	1	A	
115	3	G0	
116	3	A2	
117	2	A	
118	3	A0	
119	6	F0	
120	6	A0	
121	8	F0	
122	3	F5	
Time 11.17	123	1-	K5
	124	3	A5
	125	2.	K0

109	-64°	828	8	7.8	-64	24.3	8.3	✓
110	-65°	876	8	6.4	-65	36.6	8.6	✓
111	-65°	870	8	4.9	-65	43.4	8.9	✓
112	-66°	806	8	10.7	-66	58.8	8.9	✓
113	-67°	589	8	10.4	-67	17.3	8.8	✓
114	-67°	890	8	10.6	-67	23.0	9.1	✓
115	-67°	894	8	12.4	-67	8.7	8.8	✓
116	-68°	745	8	9.1	-68	1.2	8.6	✓
117	-68° Trail 8	736	8	7.5	-68	15.0	5.0	✓
118	-69°	862	8	11.6	-69	20.0	8.6	✓
119	-69°	864	8	11.9	-69	22.2	8.4	✓
120	-70°	702	8	57.3	-70	22.6	8.4	✓
121	-70°	694	7	51.4	-70	27.2	8.3	✓
122	-70°	693	7	51.2	-70	10.5	8.8	✓
123	-68°	705	8	59.4	-68	48.2	9.4	✓

Identified by W. C. W. Aug. 5, 1913
Checked by AMC. Aug. 6, 1913
cards made out by W. C. W.
Cards checked by B. R. B.

✓	124	-70°	678	7	42.0	-70	15	8.4	on B 2
✓	125	-63	901	8	7.8	-63	57	8.9	8 on B 13025

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Saturday, June 25. 1913.

Time: 10.33

B 24527 chart disp.

No.	Int.	Class	Remark
1	2	7	E.
2	5	K5	E.
3	7	72	
4	3	A3	
5	2	A5	
6	7	75	
7	2	K5	
8	4	75	
9	9	A0	
10	4	B3g	
11	4	K0	
12	7	72	
13	3	A2	
14	4	K2	
15	2	A2	
16	3	A0	
17	1	K0	
18	3	K0	
19	3	K0	
20	6	A3	
21	8	70	
22	16	B3g	Partly superposed on 23.
23	10	B3g	
24	2	75	
25	4	K2	
26	5	K0	
27	9	A2	

1	-70°	678	7	42.0	-70	54.7	8.4	1 v
2	-71°	612	7	43.9	-71°	14.3	8.2	1 J
3	-71°	618	7	47.4	-71	24.5	7.6	1 J
4	-71°	624	7/8	52.4	-71	41.1	8.6	1 v
5	-71°	628	7	54.1	-71	18.1	8.8	1 J
6	-71°	633	7	57.2	-71	39.2	8.3	1 J
7	-71°	640	7	58.3	-71	39.2	9.0	1 v
8	-71°	642	8	0.0	-71	5.3	8.4	1 v
9	-69°	829	8	4.1	-69	58.8	7.4	1 v
10	-70°	737	8	11.7	-70	8.0	8.4	1 J
11	-70°	732	8	10.8	-70	24.4	8.2	1 J
12	-70°	738	8	12.6	-70	53.0	8.0	1 J
13	-70°	735	8	11.3	-70	57.2	8.4	1 J
14	-71°	657	8	9.6	-71	21.0	8.5	1 J
15	-71°	650	8	7.0	-71	27.0	9.0	1 v
16	-71°	643	8	2.2	-71	49.5	8.3	1 J
17	-71°	653	8	8.2	-71	47.0	8.9	1 J
18	-71°	655	8	8.8	-71	46.3	8.8	1 J
19	-71°	671	8	18.2	-71	53.6	8.8	1 J
20	-71°	675	8	19.2	-71	34.8	8.3	1 J
21	-71°	682	8	21.7	-71	33.9	8.0	1 v
22	-71°	677	8	20.2	-71	6.9	5.8	1 J
23	-71°	678	8	20.4	-71	6.2	6.7	1 v
24	-70°	768	8	23.1	-70	37.8	8.4	1 J
25	-70°	774	8	25.7	-70	38.2	8.4	1 J
26	-71°	698	8	27.2	-71	7.6	8.4	1 J
27	-71°	702	8	29.3	-71	39.6	7.4	1 J

cards made out

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Saturday Jan. 25 1913
B 24527 start disp.

Nr.	Int.	Class	Remark
28	2	P5	
29	6	B9	
30	1	A1	
31	8	A2	
32	9	B3g	
33	10+	A0	
34	2	P5	
35	10	A	
36	4	P2	
37	3	A0	
38	3	F5	
39	2	K0	
40	6	P0	
41	1	P5	
42	3	A0	
43	6	A2	
44	2	P5	
45	4	A0	
46	4	A0	
47	9	B8	
48	6	K2	
48a	2	P2	
49	3	A3	
50	5	B3g	
51	2	K5	
52	2	A2	
53	7	B3g	
54	4	F0	

28	-71°	705	8	30.9	-71	18.0	9.0	1 J
29	-71°	711	8	32.9	-71	22.1	8.0	1 J
30	-71°	710	8	32.9	-71	7.9	9.2	1 V
31	-70°	784	8	30.6	-70	25.0	7.8	1 V
32	-70°	796	8	36.0	-70	14.4	7.4	1 J
33	-69°	946	8	38.6	-69	56.5	5.5	1 V
34	-69°	934	8	33.0	-69	40.8	8.7	1 J
35	-69°	919	8	27.0	-69	40.6	5.7	1 V
36	-69°	902	8	23.2	-69	50.6	8.1	1 J
37	-69°	913	8	25.0	-69	26.3	8.3	1 V
38	-70°	751	8	16.3	-70	0.8	8.4	1 J
39	-68°	771	8	19.0	-68	36.1	8.6	1 V
40	-68°	777	8	19.8	-68	29.7	8.0	1 V
41	-67°	918	8	18.7	-67	36.4	9.3	1 V
42	-67°	922	8	19.7	-67	45.7	8.6	1 V
43	-68°	790	8	27.8	-68	12.0	8.0	1 V
44	-68°	801	8	31.8	-68	26.1	9.0	1 V
45	-68°	809	8	34.5	-68	0.7	8.4	1 V
46	-68°	807	8	33.3	-68	55.0	8.4	1 J
47	-68°	818	8	38.4	-68	49.8	7.4	1 J
48	-67°	996	8	42.7	-67	45.3	8.1	1 V
48a	-69°	933	8	37.2	-69	13.4	9.0	1 V
49	-67°	973	8	37.6	-67	43.1	8.8	1 V
50	-67°	977	8	38.9	-67	57.2	8.0	1 J
51	-67°	979	8	39.2	-67	22.3	8.8	1 V
52	-67°	975	8	38.0	-67	23.6	8.4	1 V
53	-66°	861	8	28.5	-66	43.1	7.5	1 J
54	-66°	867	8	29.8	-66	26.4	7.8	1 J

cards made out

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Saturday. Jan. 25 1913.
JD 24527 about disp.

No.	Int.	Class	Remark
55	4	K2	
56	2	K2	
57	1	K5	
58	10	K0	
59a	10+	K	Burned out.
60	5	B9	B.
61	8	B8	
62	3	A2	
63	10	F2	
64	2	K2	
65	8	A0	
66	7	A2	
67	5	K2	
68	2	K2	
69	6	A0	
70	3	A5	
71	2	A3	
72	1	A	Partly superposed on 73.
73	3	G5	
74	6	G5	
75	3	A3	
76	3	K0	
77	3	A0	
78	4	F2	
79	4	K0	
80	1	K	
81	9	K0	

55	-66°	840	8	20.9	-66	56.0	8.4	1 v
56	-66°	838	8	20.3	-66	23.6	8.5	1 v
57	-66°	819	8	17.0	-66	7.1	8.8	1 v
58	-65°	907	8	16.9	-65	13.3	6.8	1 v
59	-65°	933	8	24.4	-65	43.1	8.7	1 v
60	-65°	959	8	29.8	-65	6.0	7.1	1 v
61	-66°	899	8	29.6	-66	22.2	6.5	1 v
62	-66°	915	8	44.9	-66	4.7	8.0	1 v
63	-66°	927	8	48.9	-66	19.6	5.9	1 v
64	-68°	845	8	47.2	-68	12.1	8.8	1 v
65	-69°	976	8	51.9	-69	21.2	7.5	1 v
66	-69°	990	8	56.3	-69	9.5	7.8	1 v
67	-70°	843	8	56.5	-70	31.9	8.0	1 v
68	-70°	845	8	56.9	-70	39.0	8.4	1 v
69	-70°	827	8	47.2	-70	51.6	7.9	1 v
70	-71°	750	8	47.7	-71	23.0	8.6	1 v
71	-71°	749	8	45.8	-71	28.9	8.8	1 v
72	-71°	741	8	43.9	-71	25.8	8.9	1 v
73	-71°	738	8	43.7	-71	22.1	8.7	1 v
74	-71°	729	8	40.3	-71	25.9	8.3	1 v
75	-70°	809	8	40.0	-70	52.3	8.5	1 v
76	-71°	719	8	36.4	-71	13.3	8.8	1 v
77	-71°	725	8	39.4	-71	41.0	8.5	1 v
78	-71°	724	8	39.0	-71	54.1	8.4	1 v
79	-71°	728	8	40.2	-71	50.8	8.6	1 v
80	-72°	725	8	38.8	-72	2.3	9.1	v
81	-72°	730	8	41.7	-72	0.4	7.5	1 v

cards made out

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Saturday, Jan. 25, 1913.
B3452 7 shot disp.

Nr.	Int.	Class	Remark
82	10+	A2	
83	10	F0	
84	10	A0	
85	6	F0	
86	10	A5	E.
87	10	A5	E.
88	6	A0	
89	5	A0	
90	10+	A	
91	6	A3	
92	2	F2	
93	1	F2	
94	2	A2	
95	2	A0	
96	1	F5	
97	3	A0	
98	7	F5	
99	3	F5	
Time: 10.55	100	8	F0

101 5 A0

82	-72°	747	8	49.9	-72	5.0	6.6	1 J
83	-72°	713	8	33.5	-72	55.8	7.3	1 J
84	-73°	525	8	42.2	-73	9.7	6.9	1 J
85	-73°	523	8	39.6	-73	38.0	7.8	1 J
86	-74°	530	8	39.2	-74	7.7	7.2	1 J
87	-73°	488	8	16.2	-73	25.2	6.7	1 J
88	-72°	693	8	23.0	-72	33.2	7.7	1 J
89	-72°	697	8	23.8	-72	44.1	8.1	1 J
90	-72°	694	8	23.2	-72	59.9	5.1	1 J
91	-73°	500	8	25.1	-73	45.3	7.5	1 J
92	-69°	966	8	47.6	-69	57.1	9.0	1 J
93	-68°	846	8	47.4	-68	54.3	9.0	1 J
94	-68°	839	8	45.5	-68	58.1	8.8	1 J
95	-68°	856	8	50.6	-68	34.4	8.3	1 J
96	-68°	859	8	51.1	-68	15.5	9.0	1 J
97	-68°	869	8	54.6	-68	30.8	8.4	1 J
98	-68°	879	8	59.7	-68	11.5	7.8	1 J
99	-69°	997	8	59.5	-69	40.4	8.2	1 J
100	-70°	858	8	2.4	-70	6.5	7.3	1 J

Identified by Mr. C. W. Mar. 13, 1913
Checked. March 17. 1913. L.D.W.
cards made out by Mr. C. W.

✓ 101 -71° 779 2 on B22988

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Saturday, June 25, 1913.

B 155 6 short disp.

Time: 11.09

No.	Int.	Class	Remarks
1	3	K0	
2	2	A0	
3	2	A0	
4	3	K5	
5	2	F2	
6	4	A0	
7	8	A0	
8	4	A2	
9	1	A0	
10	1	A	
11	6	G5	
12	2	F5	
13	2	F5	
14	8	K0	
15	8	B9	
16	2	A0	
17	7	B9	
18	6	A0	
19	2	A2	
20	3	K5	
21	6	A0	
22	1	A0	
23	4	A0	Another star of class A superposed
24	2	A2	
25	2	A0	
26	3	A0	
27	5	A0	

1	-59°	829	7	25.0	-59	19.3	8.3 ∧ ∨
2	-59°	833	7	27.6	-59	20.0	8.6 ∧ ∨
3	-59°	842	7	30.2	-59	1.1	8.6 ∧ ∨
4	-58°	935	7	31.3	-58	55.5	8.4 ∧ ∨
5	-59°	855	7	34.2	-59	20.1	8.4 ∧ ∨
6	-59°	870	7	37.5	-59	39.6	8.2 ∧ ∨
7	-59°	873	7	39.2	-59	42.4	7.6 ∧ ∨
8	-59°	877	7	39.7	-59	59.2	8.4 ∧ ∨
9	-59°	887	7	41.2	-59	31.3	8.5 ∧ ∨
10	-59°	891	7	42.0	-59	43.4	8.7 ∧ ∨
11	-59°	898	7	44.2	-59	30.5	8.5 ∧ ∨
12	-59°	901	7	45.9	-59	35.5	8.2 ∧ ∨
13	-59°	904	7	46.5	-59	51.3	8.3 ∧ ∨
14	-59°	910	7	47.8	-59	44.0	7.8 ∧ ∨
15	-59°	916	7	48.7	-59	19.5	7.2 ∧ ∨
16	-59°	917	7	49.3	-59	20.1	8.3 ∧ ∨
17	-59°	921	7	50.0	-59	17.4	7.3 ∧ ∨
18	-59°	922	7	50.1	-59	10.2	7.6 ∧ ∨
19	-60°	904	7	49.9	-60	3.7	8.3 ∧ ∨
20	-60°	919	7	51.8	-60	15.2	8.4 ∧ ∨
21	-60°	927	7	53.0	-60	12.8	8.0 ∧ ∨
22	-59°	935	7	53.3	-59	58.9	8.4 ∧ ∨
23	-59°	937	7	53.9	-59	54.5	8.0 ∧ ∨
24	-60°	930	7	53.8	-60	7.7	8.2 ∧ ∨
25	-60°	927	7	53.3	-60	30.7	8.5 ∧ ∨
26	-60°	939	7	54.3	-60	27.9	8.4 ∧ ∨
27	-60°	932	7	53.8	-60	50.1	7.8 ∧ ∨

-59° 936 superposed

Cards made out

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Saturday, Jan 25, 1913.
13 15516 short disp.

Ser.	Int.	Class	Remarks
28	2	Ao	
29	4	Ao	
30	1	Ao	
31	7	Kg	
32	3	Ao	
33	4	K8	
34	6	K8	
35	5	K3	
36	3	Ao	
37	4	Ao	
38	3	Ao	
39	1	A	Partly superposed on 38.
40	3	K3	
41	2	Ao	Partly superposed on 40.
42	6	Ao	
43	2	Ao	
44	6	K8	
45	3	Ao	
46	3	Ao	
47	4	Ao	
48	3	K5	
49	5	K2	
50	3	K5	
51	2	Ao	
53	2	Ao	
53	8	F0	
54	2	Ao	

28	-60°	941	7	54.4	-60	57.0	8.6	↑	✓
29	-60°	960	7	55.6	-60	43.1	8.3	↑	✓
30	-60°	~~949~~ 954	7	~~53.1~~ 53.4	-60	~~33.0~~ 30.0	8.8 ~~9.0~~	↑	✓
31	-60	953	7	55.3	-60	25.7	7.6	↑	✓
32	-60°	955	7	55.4	-60	17.5	8.2	↑	✓
33	-60°	~~966~~ 968	7	~~55.7~~ 55.8	-60	~~16.2~~ 17.5	~~7.8~~ 8.3	↑	✓
34	-60°	~~976~~ 966	7	~~55.9~~ 55.7	-60	~~16.5~~ 16.2	~~7.5~~ 7.8	↑	✓
35	-60°	1003	7	56.6	-60	21.6	7.4	↑	✓
36	-60°	~~1005~~ 993	7	~~56.7~~ 56.4	-60	~~18.1~~ 23.2	7.8 ~~8.0~~	↑	✓
37	-60°	~~1012~~ 1018	7	~~57.1~~ 57.5	-60	~~14.6~~ 14.5	~~7.8~~ 7.3	↑	✓
38	-60°	1015	7	57.3	-60	28.1	7.8	↑	✓
39	-60°	1017	7	57.4	-60	27.1	8.5	↑	✓
40	-60°	1022	7	57.8	-60	24.0	7.6	↑	✓
41	-60°	1023	7	58.0	-60	25.7	7.9	↑	✓
42	-60°	1033	7	59.0	-60	35.1	8.0	↑	✓
43	-60°	1038	7	59.9	-60	43.9	8.4	↑	✓
44	-60°	1049	8	1.6	-60	33.1	7.7	↑	✓
45	-60°	1048	8	1.3	-60	10.2	8.2	↑	✓
46	-60°	1037	7	59.5	-60	10.1	8.2	↑	✓
47	-59°	948	7	56.2	-59	37.3	8.1	↑	✓
48	-59°	947	7	56.1	-59	21.3	8.0	↑	✓
49	-59°	956	7	58.5	-59	18.6	8.0	↑	✓
50	-59°	964	8	0.0	-59	32.9	8.2	↑	✓
51	-59°	971	8	0.8	-59	43.0	8.5	↑	✓
52	-59°	973	8	1.2	-59	47.8	8.3	↑	✓
53	-61°	941	7	57.1	-61	14.5	7.6	↑	✓
54	-61°	946	7	58.9	-61	14.5	8.3	↑	✓

Checked also. Long Wire Attached

magn. 8.8

-59° 972 Superposed

cards made out

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Saturday, Jan. 25, 1913.
B 15-516 about disp.

No.	Int	Class	Remarks
55	5	Bg	
56	1	Ao	
57	2	A3	
58	3	Fo	
59	2	Ao	
60	2	Fo	
61	1	A2	
62	4	A2	
63	4	Bg	
64	3	F2	
65	3	Bg	
66	3	B9	
67	8	B9	
68	3	F5	
69	4	A3	
70	3	Ma	
71	1	F0	
72	4	G5	
73	3	K0	Another star superposed - n.f.
74	6	B8	
75	8	G5	
76	1	K0	
77	6	G5	
78	2	F8	
79	4	Ao	
80	2	F8	
81	2	K0	

55	-61°	947	7	59.0	-61	10.6	7.5 ^ ı
56	-61°	948	7	59.2	-61	1.2	8.7 ^ v
57	-61°	952	7	59.6	-61	4.4	8.5 ^ v
58	-61°	949	7	57.4	-61	31.8	8.3 ^ J
59	-61°	951	7	59.8	-61	54.5 / 37.6	8.2 ^ J
60	-62°	942	8	0.0	-62	4.6	8.6 ^ J
61	-68°	890	7	45.5	-60	28.2	8.7 ^ J
62	-60°	892	7	46.4	-60	34.9	8.4 ^ J
63	-60°	896	7	48.0	-60	20.9	8.2 ^ J
64	-60°	898	7	48.1	-60	54.2	8.4 ^ v
65	-60°	900	7	49.3	-60	56.0	8.2 ^ ı
66	-60°	912	7	51.2	-60	36.5	7.9 ^ J
67	-60°	916	7	51.5	-60	43.5	7.5 ^ J
68	-61°	908	7	51.3	-61	19.5	8.6 ^ J
69	-61°	911	7	51.8	-61	38.6	8.2 ^ v
70	-61°	918	7	52.6	-61	32.2	8.5 ^ J
71	-61°	913	7	52.3	-61	42.1	8.8 ^ J
72	-62°	908	7	52.1	-62	3.1	8.0 ^ v
73	-62°	906	7	51.5	-62	2.0	8.4 ^ J
74	-62°	904	7	50.2	-62	35.0	7.8 ^ ı
75	-62°	903	7	49.6	-62	36.4	7.8 ^ J
76	-62°	902	7	49.3	-62	30.4	8.8 ^ J
77	-63°	834	7	52.2	-63	19.3	8.5 ^ v
78	-63°	832	7	52.1	-63	26.4	8.8 ^ v
79	-63°	807	7	46.1	-63	11.1	8.7 ^ J
80	-63°	809	7	46.3	-63	24.3	8.8 ^ J
81	-62°	886	7	46.0	-62	43.0	9.0 ^ ı

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Saturday, Jan. 25, 1913.
B 15516 short defs.

No.	Int.	Class	Remark
82	1	g_5	
83	3	F_2	
84	2	A_0	
85	1	K_5	
86	2	A_5	
87	2	A_2	
88	1	K_0	
89	1	K_5	
90	1	K_5	
91	3	A_0	
92	5	A_0	
93	5	B_9	
94	2	F_5	
95	1	F_2	
96	6	G_0	
97	3	A_0	
98	2	A_0	
99	1	A	
Time 11.30	100	1	g_5

82	-63°	795	7	44.1	-63	3.1	9.1
83	-62°	875	7	42.3	-62	59.6	8.6
84	-62°	872	7	40.9	-62	56.4	8.8
85	-63°	782	7	41.0	-63	11.1	9.1
86	-63°	784	7	41.6	-63	24.0	8.9
87	-62°	871	7	40.6	-62	40.0	8.8
88	-62°	~~843~~ 867	7	39.9	-62	~~24.9~~ 24.5	~~9.0~~ 8.6
89	-62°	868	7	39.9	-62	3.8	8.7
90	-62°	880	7	43.6	-62	4.9	9.0
91	-61°	891	7	44.8	-61	25.1	8.5
92	-61°	892	7	45.2	-61	3.2	8.1
93	-62°	917	7	54.1	-62	0.8	8.2
94	-61°	936	7	56.1	-61	43.5	8.4
95	-62°	913	7	53.0	-62	33.9	8.7
96	-63°	853	7	55.8	-63	22.4	8.5
97	-63°	852	7	55.7	-63	38.5	8.9
98	-62°	930	7	56.5	-62	53.3	8.9
99	-63°	865	7	58.5	-63	8.5	9.0
100	-63°	873	8	0.4	-63	9.5	8.9

Identified by AMC. Feb. 7, 1913
Checked Feb. 12, 1913 L.A.W.
cards made out by Mrs. C.W.

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Monday, Jan. 27, 1913.

Time: 10.06

[13007 short disp.

No.	Int.	Class	Remark
1	3	F8	
2	1	H0	
3	1	G0	
4	1	F0	The southern of two.
5	1	H2	
6	3	F2	
7	2	F0	
8	4	F5	
9	2	H0	
10	4	A0	
11	3	A2	
12	2	F5	
13	3	F5	
14	3	H0	
15	2	H0	
16	2	K	
17	1	H0	
18	1	G5	
19	1	H2	
20	2	A0	
21	3	A0	
22	2	A0	
23	2	A0	
24	2	A	Another spectra superposed?
25	2	H0	
26	3	F8	
27	4	G5	

1	−54°	1057	6	31.1	−54	29.7	8.4 ↑ ↓
2	−55°	1015	6	30.9	−55	19.3	9.0 ↑ ↓
3	−55°	1019	6	32.0	−55	19.6	9.1 ↑ ↓
4	−54°	1060	6	31.8	−54	53.5	9.0 ↑ ↓
5	−55°	1022	6	33.3	−55	54.2	9.2 ↑ ↓
6	−56°	1123	6	34.7	−56	9.0	8.8 ↑ ↓
7	−56°	1110	6	31.8	−56	38.7	8.9 ↑ ↓
8	−56°	1116	6	32.9	−56	42.9	8.7 ↑ ↓
9	−57°	1032	6	35.5	−57	19.6	8.9 ↑ ↓
10	−56°	1128	6	36.4	−56	43.7	8.8 ↑ ↓
11	−57°	1013	6	30.5	−57	47.2	8.8 ↑ ↓
12	−58°	721	6	29.9	−58	21.6	9.0 ↑ ↓
13	−58°	720	6	29.7	−58	32.2	8.8 ↑ ↓
14	−59°	678	6	38.9	−59	10.0 / 6.8	9.0 / 8.7 ↑ ↓
15	−60°	663	6	33.6	−60	20.8	9.2 ↑ ↓
16	−60°	654	6	32.4	−60	10.7	9.0 ↑ ↓
17	−59°	672	6	31.8	−59	21.3	9.4 ↑ ↓
18	−58°	728	6	31.2	−58	56.8	9.2 ↑ ↓
19	−58°	735	6	32.6	−58	42.3	9.5 ↑ ↓
20	−58°	738	6	33.5	−58	12.9	9.1 ↑ ↓
21	−58°	740	6	33.6	−58	6.5	8.7 ↑ ↓
22	−58°	741	6	34.0	−58	2.7	8.6 ↑ ↓
23	−57°	1022	6	33.6	−57	47.0	8.8 ↑ ↓
24	−57°	1031	6	35.0	−57	50.2	8.9 ↑ ↓
25	−58°	751	6	39.2	−58	6.8	8.9 ↑ ↓
26	−58°	759	6	40.7	−58	3.6	8.4 ↑ ↓
27	−58°	762	6	40.9	−58	21.4	8.6 ↑ ↓

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Monday. June 27, 1910.
B 13007 about auto.

hr.	Int.	Class	Remark
28	2	fγs	
29	4	Fs	
30	2	As	
31	1	Mo	
32	1	fγs	
33	3	Ao	
34	6	Ao	
35	3	Mo	
36	2	fγs	
37	7	B8	
38	1	fγs	
39	4	Fs	
40	1	Mo	
41	3	fγs	
42	5	Ao	
43	4	A2	
44	10	A	Partly superposed on 45.
45	10	A	" " " 44.
46	1	Ms	
47	1	Fs	
48	7	A2	
49	5	As	
50	5	Ms	E.
51	3	Ms	E.
52	6	Fo	E.
53	5	A3	
54	6	Fo	

28	−57°	1044	6	42.0 − 57	16.4	9.2 1 J
29	−57°	1047	6	42.6 − 57	18.7	8.5 1 J
30	−56°	1143	6	39.8 − 56	56.7	9.0 1 J
31	−56°	1149	6	40.9 − 56	34.8	9.4 1 J
32	−56°	1150	6	41.0 − 56	28.1	9.2 1 J
33	−56°	1153	6	41.7 − 56	17.1	8.8 1 J
34	−55°	1047	6	40.5 − 55	53.5	7.8 1 J
35	−55°	1041	6	39.3 − 55	52.7	8.7 1 J
36	−55°	1031	6	36.5 − 55	11.1	8.6 1 J
37	−54°	1088	6	40.4 − 54	59.5	7.2 1 J
38	−55°	1049	6	40.8 − 55	0.2	9.2 1 J
39	−55°	1050	6	40.8 − 55	6.2	8.3 1 J
40	−55°	1066	6	41.5 − 55	4.2	9.2 1 J
41	−54°	1093	6	41.3 − 54	26.4	8.4 1 J
42	−54°	1092	6	41.2 − 54	3.2	8.0 1 J
43	−54°	1105	6	42.8 − 54	1.2	8.4 1 J
44	−54°	1097	6	41.7 − 54	33.9	6.7 1 J
45	−54°	1096	6	41.6 − 54	36.1	7.1 1 J
46	−54°	1077	6	37.9 − 54	21.1	9.1 1 J
47	−53°	1134	6	37.7 − 53	57.2	8.8 1 J
48	−53°	1133	6	37.0 − 53	20.1	7.4 1 J
49	−53°	1126	6	35.8 − 53	32.5	8.0 1 J
50	−52°	966	6	35.6 − 52	49.2	7.5 1 J
51	−52°	976	6	36.8 − 52	48.0	7.8 1 J
52	−52°	981	6	38.5 − 52	34.5	7.4 1 J
53	−53°	1162	6	45.8 − 53	46.1	8.0 1 J
54	−53°	1163	6	46.0 − 53	52.4	7.5 1 J

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Monday Jan. 27, 1913.
B13007 short exp.

	No.	Int.	Class	Remark
10.15	55	9	f_5	
10.30	56	6	A_0	
	57	1	f_0	
	58	4	F_0	
	59	10	F_2	
	60	3	f_0	
	61	1	f_5	
	62	4	F_5	
	63	2	F_0	
	64	3	F_2	
	65	3	K_5	
	66	5	f_0	
	67	9	A_5	
	68	5	F_3g	
	69	3	K_5	
	70	4	A_0	
	71	2	A	Partly superposed on 70.
	72	2	K_5	
	73	8	F_0	
	74	6	A_0	
	75	4	K_0	
	76	5	f_5	
	77	3	A_3	
	78	2	K_5	
	79	6	f_0	
	80	7	f_0	Another star superposed?
	81	2	f_5	

55	−54°	1115	b	44.2	−54	33.4	7.1 ∧ ∨
56	−54°	1118	b	45.1	−54	36.8	8.0 ∧ ∨
57	−54°	1119	b	45.2	−54	24.8	9.0 ∧ ∨
58	−55°	1064	b	45.1	−55	7.6	8.6 ∧ ∪
59	−55°	1063	b	44.9	−55	24.1	7.4 ∧ ∨
60	−55°	1068	b	45.8	−55	18.8	8.8 ∧ ∪
61	−55°	1065	b	46.3	−55	15.1	9.0 ∧ ∨
62	−54°	1112	b	43.5	−54	53.8	8.6 ∧ ∨
63	−55°	1058	b	43.4	−55	5.1	7.1 ∧ ∨
64	−56°	1163	b	45.0	−56	18.7	9.0 ∧ ∨
65	−56°	1165	b	46.0	−56	10.5	8.8 ∧ ∨
66	−55°	1069	b	45.9	−55	56.7	8.5 ∧ ∪
67	−55°	1075	b	47.7	−55	45.3	7.4 ∧ ∪
68	−55°	1078	b	48.1	−55	35.6	8.2 ∧ ∪
69	−55°	1081	b	49.1	−55	26.2	8.5 ∧ ∨
70	−54°	1129	b	47.7	−54	56.9	8.8 ∧ ∪
71	−54°	1128	b	47.7	−54	50.9	9.0 ∧ ∨
72	−54°	1134	b	49.1	−54	13.4	8.8 ∧ ∨
73	−53°	1177	b	50.1	−53	56.2	7.6 ∧ ∨
74	−54°	1141	b	50.9	−54	18.5	8.0 ∧ ∪
75	−54°	1142	b	51.0	−54	43.7	8.4 ∧ ∪
76	−55°	1095	b	52.4	−55	5.6	8.4 ∧ ∨
77	−55°	1093	b	51.6	−55	37.2	8.8 ∧ ∪
78	−55°	1084	b	49.6	−55	48.1	8.8 ∧ ∨
79	−56°	1181	b	48.7	−56	5.8	8.6 ∧ ∨
80	−56°	1182	b	49.9	−56	21.2	8.8 ∧ ∨ −56° 1185 magn 8.8 superposed
81	−56°	1179	b	48.6	−56	48.1	9.0 ∧ ∨

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Monday, Jan. 27, 1913.

B1300 + photost disp.

No.	Int.	Class	Remark
82	3	F2	
83	3	F5	
84	6	F0	
85	1	F0	
86	1	F0	
87	2	F5	
88	2	F0	The southern of two.
89	4	G5	
90	2	A2	
91	6	A2	
92	1	F0	
93	3	A3	
94	1	F2	
95	6	K3	
96	2	A0	
97	3	F5	
98	7	G0	
99	8	F8	
100	1	F0	Another star superposed? Yes.
101	2	G5	
102	6	F2	
103	8	A0	
104	2	F2	
105	2	F5	
106	4	A0	
107	3	A0	
108	8	K8	

82) -57°	1065	6	48.5	-57	14.2)	8.5	1 ∨
83) -57°	1058	6	46.1	-57	20.5	8.4	1 ∨
84) -57°	1059	6	46.2	-57	20.9	8.0	1 ∨
85) -58°	760	6	40.4	-58	35.8	9.2	1 ∨
86) -58°	765	6	42.0	-58	35.9	9.2	1 ∨
87) -58°	767	6	42.7	-58	44.2	8.4	1 ∨
88) -58°	774	6	44.0	-58	45.7	9.4	1 ∨
89) -58°	776	6	44.7	-58	31.0	8.5	1 ∨
90) -59°	707	6	46.2	-59	1.6	8.8	1 ∨
91) -58°	779	6	46.6	-58	19.5	7.9	1 ∨
92) -58°	788	6	48.0	-58	50.9	9.4	1 ∨
93) -59°	713	6	49.4	-59	9.0	8.8	1 ∨
94) -58°	785	6	48.5	-58	36.6	9.5	1 ∨
95) -58°	788	6	49.6	-58	10.6	7.6	1 ∨
96) -57°	1072	6	50.6	-57	50.4	9.0	1 ∨
97) -57°	1084	6	54.0	-57	36.0	8.6	1 ∨
98) -57°	1085	6	54.2	-57	24.2	8.0	1 ∨
99) -56°	1199	6	53.6	-56	47.8	7.9	1 ∨
100) -58°	801	6	53.8	-58	14.7	8.8	1 ∨ -58° 8.00 magn. 9.1 Superposed
101) -58°	797	6	53.2	-58	46.4	8.7	1 ∨
102) -58°	807	6	57.0	-58	20.5	7.8	1 ∨
103) -56°	816	6	58.5	-58	12.8	7.9	1 ∨
104) -57°	1099	6	57.3	-57	49.8	8.5	1 ∨
105) -57°	1090	6	56.3	-57	46.2)	8.8	1 ∨
106) -57°	1091	6	56.4	-57	55.0	8.6	1 ∨
107) -56°	1210	6	56.1	-56	36.4	8.6	1 ∨
108) -56°	1218	6	57.9	-56	43.8	7.7	1 ∨

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Monday. Jan. 27, 1913.
[illegible] 7. short dists.

No.	Int.	Class	Remark
109	2	Lo	
110	4	F5	
111	8	F2	
112	3	G5	
113	2	Lo	
114	1	G	
115	1	F	
116	2	Ao	The following of two.
117	10	F2	
118	2	F5	
119	6	G5	
120	1	K0	
121	10	K3	
122	9	K0	
123	3	Ao	
124	2	F8	
125	3	K5	
126	2	F5	
127	2	K0	
128	3	Lo	
129	3	A5	
130	5	F5	
131	2	K5	
132	2	K0	
133	3	G5	
134	4	K0	
135	3	K0	

109	-56°	1217	6	57.9	-56	54.6	8.8	1 ↓
110	-57°	1107	6	58.9	-57	0.8	8.5	1 ↓
111	-57°	1110	6	59.8	-57	8.0	7.5	1 ↓
112	-57°	1111	6	59.8	-57	25.1	8.4	1 ↓
113	-55°	1104	6	54.0	-55	55.5	8.8	1 ↓
114	-56°	1192	6	50.9	-56	13.2	9.3	1 ↓
115	-56°	1194	6	51.5	-56	16.3	9.5	1 ↓
116	-56°	1196	6	52.9	-56	27.4	9.0	1 ↓
117	-56°	1211	6	56.3	-56	13.3	7.2	1 ↓
118	-56°	1213	6	56.5	-56	17.8	9.0	1 ↓
119	-55°	1113	6	55.0	-55	56.1	8.0	1 ↓
120	-55°	1111	6	54.8	-55	44.8	8.8	1 ↓
121	-55°	1112	6	55.0	-55	39.9	7.4	1 ↓
122	-55°	1116	6	56.2	-55	33.2	7.4	1 ↓
123	-55°	1123	6	54.5	-55	32.9	8.8	1 ↓
124	-54°	1161	6	56.8	-54	55.8	8.8	1 ↓
125	-54°	1157	6	54.5	-54	52.8	8.6	1 ↓
126	-55°	1102	6	53.5	-55	280 / 257	9.4 / 9.1	1 ↓ -55° 1101 magn. 9.4 superposed 1 ↓ magn. 9.6
127	-54°	1152	6	54.2	-54	37.7	9.2	-54° 1153 superposed
128	-54°	1158	6	54.8	-54	6.9	8.8	1 ↓
129	-53°	1206	6	55.4	-53	43.9	8.8	1 ↓
130	-53°	1205	6	54.9	-53	26.5	8.3	1 ↓
131	-54°	1168	6	58.4	-54	20.3	9.0	1 ↓
132	-54°	1169	6	58.8	-54	56.2	9.0	1 ↓
133	-54°	1172	6	59.8	-54	58.2	8.8	1 ↓
134	-56°	1132	6	59.7	-55	15.4	8.6	1 ↓
135	-55°	1136	7	0.7	-55	19.0	8.8	1 ↓

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Monday, Jan. 27, 1913.
B1300 y short disp.

No.	Int	Class	Remark
136	4	F5	
137	3	G5	
138	6	K0	
139	6	K0	
140	1	G0	
141	3	A3	
142	3	K2	
143	2	K0	
144	1	K5	
145	3	A0	
146	2	F8	
147	3	K2	
148	3	A0	
149	7	A3	
150	3	A0	
151	2	Ne	Line 4227 very strong.
152	8	A0	
153	2	F8	
154	1	G5	Quarter star superposed.
155	2	A2	
156	2	K0	
157	1	K0	
158	2	G5	
159	4	G5	
160	2	K0	
161	4	K0	
162	5	B8	

136	-55°	1137	7	0.8	-55	27.4	8.4
137	-55°	1138	7	1.0	-55	37.5	8.6
138	-55°	1139	7	1.0	-55	46.8	8.2
139	-56°	1224	6	59.5	-56	26.3	8.0
140	-56°	1230	7	0.6	-56	35.7	9.2
141	-56°	1231	7	0.8	-56	50.1 35.7	9.0
142	-57°	1116	7	1.1	-57	18.9	9.0
143	-57°	1115	7	1.0	-57	32.6	9.0
144	-57°	1120	7	1.6	-57	17.8	9.2
145	-57°	1122	7	1.7	-57	26.4	8.8
146	-57°	1128	7	2.5	-57	0.0	9.0
147	-57°	1134	7	3.2	-57	9.4	8.6
148	-57°	1135	7	4.0	-57	3.2	9.0
149	-57°	1140	7	4.3	-57	34.9	7.8
150	-57°	1137	7	3.8	-57	48.5	8.6
151	-58°	848	7	4.7	-58	11.0	8.7
152	-58°	852	7	6.4	-58	10.2	7.9
153	-58°	810	6	57.4	-58	26.0	8.7
154	-58°	808	6	57.2	-58	36.6	9.1

mag. 8.9 -58° 809 superposed

155	-59°	755	7	0.8	-59	42.2	9.0
156	-59°	766	7	2.5	-59	12.0	9.0
157	-59°	773	7	5.8	-59	29.8	8.9
158	-58°	855	7	7.1	-58	58.2	8.8
159	-58°	860	7	8.2	-58	47.0	8.6
160	-59°	787	7	8.2	-59	10.2	8.8
161	-58°	862	7	8.8	-58	39.0	8.4
162	-58°	867	7	9.8	-58	38.3	8.2

Cards made out

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Thursday, Jany. 27, 1913.
δ 13300 γ slust diffs.

No.	Int.	Class	Remark
163	6	F0	
164	2	F5	
165	1	G	
166	4	K3	
167	10	A0	
168	2	G0	
169	3	A0	
170	2	F8	
171	9	F0	
172	4	A5	
173	2	F	
174	2	G5	
175	3	F	
176	1	G	
177	10+	A	Burned out.
178	2	A5	Partly superposed on 177.
179	3	A5	
180	3	A3	
181	6	F0	
181a	3	F	nearly all superposed on 181. Then g.
182	5	F0	
183	2	A2	
184	1	G5	
185	3	K0	
186	3	K5	
187	1	A	
188	1	K0	
189	7	K0	

163 − 58°	869	7	10.2 − 58	11.5	8.1 ∧ ↓
164 − 58°	870	7	10.5 − 58	1.5	8.7 ∧ ∨
165 − 57°	1170	7	11.5 − 57	55.7	9.0 ∧ ∨
166 − 57°	1163	7	10.1 − 57	19.9	8.4 ∧ ∨
167 − 57°	1165	7	10.5 − 57	16.5	7.0 ∧ ∨
168 − 57°	1154	7	7.9 − 57	33.8	9.0 ∧ ∨
169 − 57°	1152	7	7.4 − 57	22.9	9.0 ∧ ∨
170 − 57°	1150	7	7.2 − 57	17.7	9.0 ∧ ∨
171 − 57°	1145	7	5.9 − 57	7.9	7.4 ∧ ∨
172 − 56°	1260	7	6.7 − 56	52.3	8.5 − ∧ ∨
173 − 56°	1257	7	5.7 − 56	45.1	9.0 ∧ ∨
174 − 56°	1256	7	5.6 − 56	27.9	9.0 ∧ ↓
175 − 56°	1249	7	4.1 − 56	26.9	8.6 ∧ ↓
176 − 56°	1239	7	2.6 − 56	21.4	9.1 ∧ ∨
177 − 56°	1232	7	2.0 − 56	33.6	5.7 ∧ ∨
178 − 56°	1233	7	2.0 − 56	40.3	8.6 ∧ ∨
179 − 56°	1244	7	3.3 − 56	1.9	8.8 ∧ ∨
180 − 56°	1251	7	5.1 − 56	8.2	8.8 ∧ ∨
181 − 56°	1262	7	6.9 − 56	9.9	8.3 ∧ ∨
181a − 56°	1261	7	6.8 − 56	9.4	8.2 ∧ ∨
182 − 56°	1265	7	7.4 − 56	10.0	8.2 − ∧ ∨
183 − 55°	1165	7	6.0 − 55	56.9	9.0 ∧ ∨
184 − 55°	1156	7	4.6 − 55	34.7	9.0 ∧ ∨
185 − 54°	1190	7	4.2 − 54	48.6	8.6 ∧ ∨
186 − 54°	1193	7	4.6 − 54	22.8	8.8 ∧ ∨
187 − 55°	1164	7	5.9 − 55	16.0	9.0 ∧ ∨
188 − 55°	1171	7	7.2 − 55	31.2	9.0 ∧ ∨
189 − 55°	1174	7	7.9 − 55	22.8	7.6 ∧ ∨

Comas made out.

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Monday, Jan. 27, 1913.
B13007 slant disp.

	No.	Int.	Class	Remarks
	190	8	K0	
	191	3	A0	
	192	1	A	Partly superposed on 191.
	193	8	A5	
	194	3	K5	
	195	2	K0	
	196	2	k0	
	197	3	K5	
	198	5	K0	
	199	5	k0	
Time: 11.30	200	9	A0	
" 12.42	201	2	A0	
	202	9	A0	
	203	4	A3	
	204	1	k0	
	205	1	k5	
	206	1	k5	
	207	1	K0	
	208	1	K2	
	x09	3	K5	
	x10	2	k0	
	x11	2	K5	
Time: 12.46	212	1	K	

Card: 190 - 212 Go

190	−55°	1185	7	9.5 − 55	56.9	7.4	1 v
191	−56°	1270	7	8.4 − 56	32.8	8.6	1 v
192	−56°	1271	7	8.5 − 56	29.4	9.0	1 v
193	−58°	885	7	13.4 − 58	19.3	7.4	1 v
194	−58°	887	7	13.6 − 58	35.0	8.6	1 v
195	−58°	883	7	12.6 − 58	56.0	8.7	1 v
196	−59°	801	7	12.9 − 59	2.9	8.7	1 v
197	−57°	1180	7	14.7 − 57	47.2	8.6	1 v
198	−57°	1182	7	15.3 − 57	39.8	8.0	1 v
199	−57°	1187	7	16.1 − 57	7.2	7.6	1 v
200	−57°	1191	7	17.2 − 57	12.9	7.6	1 v
201	−57°	1183	7	15.3 − 57	58.5	8.7	1 v
202	−57°	1189	7	17.1 − 57	49.2	6.9	1 v
203	−57°	1192	7	17.5 − 57	32.7	7.9	1 v
204	−57°	1199	7	18.3 − 57	3.5	8.9	1 v
205	−57°	1198	7	18.3 − 57	15.1	8.8	1 v
206	−57°	1204	7	19.1 − 57	13.3	8.8	1 v
207	−57°	1179	7	14.1 − 57	24.8	9.0	1 v
208	−56°	1286	7	11.2 − 56	30.6	9.4	1 v
209	−54°	1202	7	7.7 − 54	57.6	8.8	1 v
210	−54°	1201	7	7.5 − 54	51.6	8.8	1 v
211	−54°	1198	7	5.7 − 54	16.8	8.8	1 v
212	−54°	1196	7	5.5 − 54	25.6	9.4	1 v

Identified by Ames. Feb. 6. 1913.
Checked Feb. 10. 1913. H.D.W.
Cards made out by H. C. W.
Cards checked by E.S.P.B.

✓ 2/3 −60 65W 6 32.4 −60 11 P.0 Obs on B13007

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Tuesday, Jan. 27, 1914.

Time: 12.47

B 12757 short disp.

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

1	−54°	1208	7	9.1	−54	4.1	8.8 ∧ ∨
2	−54°	1213	7	10.0	−54	22.1	8.6 ∧ ∨ meas. 96
3	−54°	1217	7	11.0	−54	41.0	8.8 ∧ ∨ −54° 1214 Dispersed
4	−54°	1221	7	11.5	−54	35.0	8.5 ∧ ∨
5	−54°	1231	7	13.3	−54	44.4	7.7 ∧ ∨
6	−55°	1204	7	13.4	−55	30.7	8.0 ∧ ∨
7	−55°	1208	7	14.2	−55	42.9	8.2 ∧ ∨
8	−55°	1205	7	13.9	−55	53.1	8.4 ∧ ∨
9	−56°	1297	7	14.5	−56	12.1	8.5 ∧ ∨
10	−56°	1305	7	16.4	−56	25.0	8.8 ∧ ∨
11	−56°	1315	7	18.5	−56	32.7	7.8 ∧ ∨
12	−56°	1313	7	17.9	−56	3.7	7.2 ∧ ∨
13	−55°	1214	7	16.8	−55	44.3	8.0 ∧ ∨
14	−55°	1218	7	16.7	−55	22.9	8.0 ∧ ∨
15	−55°	1209	7	16.1	−55	3.1	7.7 ∧ ∨
16	−55°	1224	7	19.3	−55	31.8	7.8 ∧ ∨
17	−55°	1227	7	20.3	−55	20.2	7.8 ∧ ∨
18	−56°	1324	7	20.3	−56	26.2	8.4 ∧ ∨
19	−58°	899	7	18.5	−58	26.1	7.5 ∧ ∨
20	−59°	809	7	15.7	−59	2.1	7.5 ∧ ∨
21	−59°	808	7	15.3	−59	24.3	8.7 ∧ ∨
22	−59°	811	7	16.6	−59	30.1	8.0 ∧ ∨
23	−58°	897	7	18.3	−58	55.9	8.4 ∧ ∨
24	−58°	907	7	20.7	−58	40.2	8.0 ∧ ∨
25	−58°	909	7	22.0	−58	15.0	7.4 ∧ ∨
26	−58°	916	7	26.2	−58	16.6	8.4 ∧ ∨
27	−58°	917	7	26.4	−58	8.9	8.2 ∧ ∨

Cards made out

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Thursday, Jan. 27, 1913.

B12757 short disp.

Hr.	Dist.	Class	Remark
28	7	1Fo	
29	2	Fg	
30	5	1Fo	
31	4	Fo	
32	6	B8	
33	9	B5	
34	8	Bg	Partly superposed on 33.
35	6	1g0	
36	2	Fs	
37	1	1Fo	
38	5	Bg	
39	4	Fs	
40	7	F8	
41	7	B9	
42	4	Fo	
43	2	Fo	Nearly all superposed on 42.
44	5	A2	
45	4	B9	
46	2	Fs	
47	3	Ao	
48	8	1Fo	
49	2	Ao	
Time: 12.55	50	2	Fo
Jan. 28, 1913			
Time: 10.41	51	2	A
	52	1	F
	53	3	A5
	54	1	F

28 - 57°	1236	7	25.9 - 57	48.9	7.4 1 v
29 - 57°	1246	7	28.7 - 57	43.6	8.3 1 v
30 - 57°	1250	7	29.1 - 57	40.4	7.6 1 v
31 - 58°	947	7	34.3 - 58	5.8	8.2 1 v
32 - 58°	963	7	38.6 - 58	34.6	7.6 1 v
33 - 58°	967	7	39.9 - 58	19.9	6.4 1 v
34 - 58°	969	7	40.1 - 58	22.3	7.5 1 v
35 - 59°	883	7	40.4 - 59	0.3	7.6 1 v
36 - 59°	881	7	40.3 - 59	8.6	8.5 1 v
37 - 59°	892	7	42.4 - 59	12.1	8.8 1 v
38 - 58°	984	7	42.7 - 58	39.0	8.2 1 v
39 - 58°	986	7	43.2 - 58	38.9	8.1 1 v
40 - 58°	990	7	44.2 - 58	46.9	7.8 1 v
41 - 58°	992	7	44.6 - 58	35.8	7.6 1 v
42 - 58°	994	7	45.0 - 58	46.0	8.8 1 v
43 - 58°	993	7	44.9 - 58	45.9	8.6 1 v
44 - 58°	998	7	45.4 - 58	13.2	8.3 1 v
45 - 58°	1008	7	47.6 - 58	16.9	8.2 1 v
46 - 57°	1324	7	44.9 - 57	40.7	8.6 1 v
47 - 57°	1309	7	41.5 - 57	28.2	8.3 1 v
48 - 57°	1305	7	40.5 - 57	56.0	7.2 1 v
49 - 58°	974	7	40.7 - 58	21.0	8.5 1 v
50 - 58°	980	7	41.9 - 58	9.9	8.5 1 v
51 - 59°	519	7	19.2 - 59	55.1	8.8 1 v
52 - 60°	825	7	19.5 - 60	1.0	9.3 v
53 - 60°	829	7	20.4 - 60	7.9	8.3 1 v
54 - 60°	831	7	20.6 - 60	0.5	9.0 1 v

cards made out

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Tuesday June 25 1913.
B 12757 short disp.

Nos.	Int	Class	Remarks
55	2	fp	
56	6	Ao	
57	1	F	
58	2	Fo	
59	1	F	
60	2	Fo	
61	2	A	
62	2	A5	
63	3	F8	
64	1	Fo	
65	2	Ao	
66	2	fp	
67	2	A3	
68	1	A	
69	3	Ao	
70	4	A5	
71	1	Fo	The following of two.
72	3	F5	
73	1	Fo	
74	2	F?	Focus poor.
75	2	F	
76	3	fp	
77	2	F5	
78	3	Ao	
79	4	F2	
80	2	fp	
81	6	F0	

55	-60°	838	7	22.4	-60	15.0	8.6	1 ✓
56	-60°	836	7	22.2	-60	35.5	7.8	1 ✓
57	-60°	828	7	21.3	-60	27.0	8.7	1 ✓
58	-60°	839	7	24.8	-60	44.2	8.8	1 ✓
59	-61°	827	7	27.2	-61	20.5	9.1	1 ✓
60	-61°	865	7	38.2	-61	23.9	8.9	1 ✓
61	-59°	865	7	36.8	-59	56.7	8.8	1 ✓
62	-59°	859	7	34.7	-59	18.5	8.7	1 ✓
63	-58°	958	7	37.9	-58	56.2	8.3	1 ✓
64	-59°	862	7	35.8	-59	3.6	9.0	1 ✓
65	-58°	950	7	35.4	-58	39.3	8.7	1 ✓
66	-58°	940	7	32.5	-58	27.7	8.8	1 ✓
67	-57°	1282	7	34.5	-57	46.5	8.7	1 ✓
68	-57°	1273	7	33.2	-57	33.6	8.8	1 ✓
69	-57°	1270	7	32.5	-57	16.6	8.4	1 ✓
70	-57°	1257	7	30.3	-57	6.2	8.2	1 ✓
71	-57°	1248	7	28.9	-57	19.4	9.0	1 ✓
72	-57°	1240	7	27.6	-57	58.0	8.5	1 ✓
73	-58°	925	7	28.6	-58	11.1	9.0	1 ✓
74	-58°	919	7	27.6	-58	28.9	9.0	1 ✓
75	-59°	852	7	33.3	-59	15.5	8.7	1 ✓
76	-57°	1212	7	21.4	-57	51.2	8.2	1 ✓
77	-56°	1340	7	23.7	-56	42.4	8.2	1 ✓
78	-56°	1341	7	23.9	-56	13.7	8.2	1 ✓
79	-56°	1361	7	27.9	-56	57.0	8.0	1 ✓
80	-57°	1242	7	28.0	-57	11.2	8.4	1 ✓
81	-57°	1277	7	33.6	-57	1.2	7.7	1 ✓

cards made out

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Tuesday, Jan. 28, 1913.
B 12757 short exps.

No.	Int.	Class	Remark
82	6	A_2	
83	5	A_0	
84	10	F_0	
85	1	$F_{1/2}$	
Time: 10.49 86	2	F_5	
	7		
87	6	K_0 K_2 Composite.	
88	5	G_5	

82	−56°	1393	7	35.1 −56	56.1	7.9	1 v
83	−56°	1418	7	42.0 −56	24.2	7.6	1 v
84	−56°	1420	7	43.0 −56	25.0	7.0	1 v
85	−56°	1426	7	43.5 −56	56.0	8.6	1 v
		1429	7	43.8 −56	57.0	9.7	
86	−56°	1423	7	43.8 −56	2.9	4.6	1

Identified by ANC, Feb. 6, 1913
Checked Feb 14 1913 LDW
cards made out by Mr. C.W.
Cards checked by E.K.B.

87 −56° 1437 7 45.7 −56 9 7.4 8 on B 12171
88 −57 907 1 on B 10088

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

Wednesday Jan. 29 1913.

Time: 10.08

738952 long. dist.

No.	Int.	Class	Remarks
1	4	A2	
2	3	A0	
3	5	A2	
4	8	A0	
5	6	F5	
6	3	F2	
7	7	K5	
8	6	A2	
9	7	K0	
10	6	K5	
11	5	K5	
12	1	A	
13	3	K0	
14	8	F0	
15	6	K9	
16	10+	A	Burned out
17	4	K3	
18	4	A0	
19	7	A2	
20	7	K9	
21	5	K3	
22	4	K8	
23	6	K9	
24	2	A0	
25	8	K3	
26	4	K9	
27	9	K9	

1	−47°	3303	7	43.1	−47	48.3	7.6 ✓
2	−48°	3166	7	41.6	−48	36.7	7.8 ✓
3	−48°	3181	7	42.9	−48	56.2	7.3 ✓
4	−49°	3014	7	39.7	−49	41.6	6.8 ✓
5	−50°	2947	7	40.9	−50	9.6	7.9 6.9 ✓ −50° 2948 enlarged
6	−49°	3044	7	41.7	−49	59.2	7.6 ✓
7	−49°	3062	7	43.5	−49	52.6	7.2 ✓
8	−50°	2971	7	43.3	−50	41.5	7.3 ✓
9	−50°	3004	7	47.0	−50	11.4	6.4 ✓
10	−50°	3022	7	49.4	−50	11.7	7.2 ✓
11	−49°	3165	7	50.9	−49	50.6	7.6 ✓
12	−50°	3030	7	50.3	−50	35.6	9.0 ✓
13	−51°	2769	7	52.8	−51	0.3	6.7 ✓
14	−51°	2784	7	55.0	−51	6.7	6.8 ✓
15	−51°	2791	7	55.8	−51	7.4	7.5 ✓
16	−49°	3243 3244	7	55.7	−49	38.1 37.9	7.0 ✓
17	−49°	3273	7	56.8	−49	16.4	7.6 ✓
18	−48°	3381	7	56.5	−48	33.8	8.3 ✓
19	−48°	3384	7	56.6	−48	38.3	6.6 ✓
20	−48°	3388	7	56.8	−48	31.6	6.7 ✓
21	−48°	3361	7	55.3	−48	2.1	7.0 ✓
22	−47°	3480	7	55.1	−47	20.7	7.6 ✓
23	−46°	3655	7	56.0	−46	57.7	7.5 ✓
24	−47°	3506	7	57.1	−47	28.0	8.7 ✓
25	−47°	3537	7	59.2	−47	58.5	6.8 ✓
26	−47°	3550	8	0.2	−47	27.6	7.6 ✓
27	−46°	3764	8	1.5	−46	37.3	6.7 ✓

Cards made out.

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Wednesday, Jan. 29, 1913.
B3852 long disp.

No.	Dist.	Class	Plate & c
28	2	B8	
29	6	B9	
30	4	B8	
31	4	A0	
32	3	K5	
33	9	B5	
34	4	A0	
35	8	B9	
36	10	B8	
37	9	B3	
38	10	B	
39	5	A0	Probably a trail.
40	4	B8	
41	2	A0	
42	5	B5	
43	3	A0	
44	5	B9	
45	4	B9	
46	3	B5	
47	2	A0	
48	2	A0	
49	7	B3	
50	3	A0	
51	7	F2	
52	3	K2	
53	6	K0	
54	4	A0	3

28	−47°	3597	8	3.0	−47	11.9	8.1	✓
29	−47°	3599	8	3.3	−47	26.0	7.6	✓
30	−46°	3813	8	3.8	−46	53.7	8.5	✓
31	−47°	3600	8	3.3	−47	50.0	8.0	✓
32	−48°	3495	8	3.6	−48	1.8	7.1	✓
33	−48°	3480	8	3.0	−48	8.2	6.7	✓
34	−48°	3460	8	1.7	−48	26.9	7.5	✓
35	−48°	3498	8	4.0	−48	38.8	7.6	✓
36	−48°	3516	8	5.4	−48	19.0	6.2	✓
37	−48°	3576	8	7.4	−48	5.6	6.3	✓
38	−47°	~~3643~~ 3653	8	5.9	−47	33.9	5.9	✓ This is trail of br. star.
39	−46°	3847	8	5.7	−46	58.3	3.0	
40	−46°	3833	8	5.0	−46	48.5	7.6	✓
41	−46°	3804	8	3.3	−46	16.3	8.3	✓
42	−44°	4032	8	1.7	−44	48.7	7.4	✓
43	−45°	3558	7	51.0	−45	20.2	7.9	✓
44	−45°	3574	7	52.0	−45	39.0	7.3	✓
45	−45°	3603	7	53.6	−45	59.6	7.7	✓
46	−46°	3616	7	53.8	−46	15.2	8.0	✓
47	−47°	3442	7	53.0	−47	8.0	8.3	✓
48	−46°	3588	7	52.4	−46	59.0	8.4	✓
49	−46°	3491	7	47.5	−46	53.8	7.3	✓
50	−48°	3244	7	47.1	−48	13.5	8.0	✓
51	−49°	3297	7	59.1	−49	36.2	7.6	✓
52	−49°	3306	& 7	59.9	−49	8.8	7.5	✓
53	−50°	3138	8	1.2	−50	14.0	6.6	✓
54	−50°	3184	8	5.8	−50	38.7	7.8	✓

Cards made out.

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

Wednesday. Jan. 29. 1913.

$3.89 ~~this~~ long drive.

No.	Dist.	Class	Remarks
55	6	Go	
56	2	Ao	
57	5	B8	
58	5	Go	
59	5	B8	
60	3	Ao	
61	5	A5	
62	7	Ao	
63	5	A5	
64	10	Ao	
65	10+	B	
66	3	A3	
67	2	A	
68	9	A	
69	5	F2	
70	10+	F	
71	2	F0	
72	2	B9	
73	4	A2	
74	4	Ao	
75	5	Go	
76	7	B9	
77	5	A2	
78	5	B9	
79	5	B9	
80	9	B9	
81	4	F2	

55	-51°	2861	8	6.1	-51	28.4	7.1	✓
56	-51°	2880	8	8.5	-51	34.9	8.1	✓
57	-51°	2893	8	9.9	-51	51.5	7.2	✓
58	-51°	2914	8	12.0	-51	40.4	7.4	✓
59	-52°	1425	8	13.2	-52	22.3	7.0	✓
60	-52°	1435	8	15.2	-52	18.9	7.9	✓
61	-51°	2952	8	16.5	-51	32.8	7.4	✓
62	-51°	2963	8	17.5	-51	49.7	7.3	✓
63	-52°	1444	8	17.7	-52	11.3	7.4	✓
64	-51°	2980	8	19.4	-51	43.4	6.6	✓
65	-51°	3004	8	22.0	-51	19.0	5.7	✓
66	-50°	3350	8	23.4	-50	42.9	7.6	✓
67	-50°	3360	8	24.4	-50	49.3	8.2	✓
68	-52°	1474	8	23.0	-52	23.7	7.2	✓
69	-52°	1480	8	23.5	-52	17.4	7.2	✓
70	-52°	1484	8	24.2	-52	40.5	6.3	✓
71	-53°	1592	8	12.3	-53	9.2	7.8	✓
72	-52°	1427	8	13.3	-52	49.7	8.0	✓
73	-53°	1601	8	13.5	-53	X 5.3	7.5	✓
74	-53°	1604	8	13.7	-53	18.9	7.5	✓
75	-51°	2650	7	40.2	-51	52.2	6.7	✓
76	-52°	1278	7	43.8	-52	2.4	7.0	✓
77	-52°	1290	7	46.4	-52	22.2	7.2	✓
78	-53°	1432	7	44.3	-53	1.4	7.1	✓
79	-52°	1315	7	49.7	-52	38.8	7.6	✓
80	-52°	1333	7	51.8	-52	15.2	7.2	✓
81	-52°	1335	7	52.1	-52	34.3	7.2	✓

cards made out.

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Wednesday Jan 29. 1913.
13 2952 long disp.

No.	Int.	Class	Remark
82	2	F8	
83	1	Q	
84	2	F10	
85	3	B9	
86	4	B3	
87	8	F10	
88	3	F2	
89	4	B5	
90	3	B9	
91	5	A2	
92	5	B9	
93	5	F5	
94	4	B8	
95	2	B5	Trees very fine.
96	2	B9	
97	6	B5	
98	2	A0	
99	8	B2	
100	6	B8	
101	6	B5	
102	3	A0	
103	7	A2	
104	7	B2	1/3 bright
105	6	B3	
106	7	B3	
107	6	B5	
108	5	F5	

82	-51°	2780	7	54.7	-51	57.5	7.7 ✓
83	-51°	2795	7	56.0	-51	49.0	8.9 ✓
84	-52°	1355	7	56.1	-52	12.1	8.3 ✓
85	-51°	2808	7	58.0	-51	5.4	7.3 ✓
86	-50°	3111	7	58.1	-50	15.5	7.4 ✓
87	-52°	1376	8	1.8	-52	44.9	7.6 ✓
88	-52°	1385	8	5.2	-52	15.1	7.6 ✓
89	-52°	1396	8	6.2	-52	12.3	7.2 ✓
90	-54°	1495	8	1.4	-54	38.3	7.8 ✓
91	-54°	1497	8	1.8	-54	38.0	7.6 ✓
92	-49°	3403	8	8.0	-49	41.6	7.4 ✓
93	-49°	3430	8	10.0	-49	49.2	6.0 ✓
94	-49°	3456	8	12.0	-49	36.6	8.0 ✓
95	-49°	3470	8	13.0	-49	30.4	8.6 ✓
96	-47°	3765	8	13.3	-47	17.0	8.4 ✓
97	-47°	3771	8	13.5	-47	31.7	7.3 ✓
98	-47°	3794	8	14.9	-47	21.7	8.4 ✓
99	-47°	3799	8	15.3	-47	48.4	6.9 ✓
100	-46°	4040	8	15.0	-46	49.3	7.7 ✓
101	-46°	4025	8	14.1	-46	42.3	7.5 ✓
102	-46°	4007	8	13.4	-46	30.5	8.0 ✓
103	-45°	3942	8	11.9	-45	55.9	7.0 ✓
104	-46°	3951	8	10.9	-46	6.1	7.1 ✓
105	-46°	3931	8	9.8	-46	12.0	7.5 ✓
106	-45°	3914	8	10.4	-45	27.3	6.4 ✓
107	-45°	3892	8	8.6	-45	53.2	6.6 ✓
108	-46°	3902	8	8.1	-46	16.2	6.3 ✓

cards made out.

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

Wednesday Jan. 29. 1913.
B 1952 long dups.

Nos.	Int.	Class	Remark
109	10	B2	
110	3	F8	
111	3	A0	
112	3	B3	
113	8	B9	
114	8	B9	
115	4	A0	
116	4	B8	Partly superposed on 117.
117	10+	B3	
118	2	A0	
119	3	F0	
120	3	A0	
121	4	B3	
122	5	A0	
123			

June 10.33
~~Jan~~ Mar

109	-46°	3929	8	9.7	-46	36.8	5.8 ✓
110	-46°	3938	8	10.2	-46	32.6	8.2 ✓
111	-46°	3934	8	10.0	-46	49.8	8.8 ✓
112	-46°	4064	8	16.4	-46	35.8	8.4 ✓
113	-47°	3821	8	16.1	-47	17.2	8.5 ✓
114	-47°	3825	8	16.2	-47	16.0	8.6 ✓
115	-47°	3860	8	18.3	-47	22.9	8.6 ✓
116	-47°	3873	8	18.8	-47	48.5	8.8 ✓
117	-48°	3734	8	18.7	-48	5.5	5.4 ✓
118	-48°	3736	8	18.8	-48	39.0	7.9 ✓
119	-48°	3789	8	22.3	-48	1.4	7.7 ✓
120	-47°	3951	8	22.5	-47	41.4	7.7 ✓
121	-48°	3799	8	22.9	-48	32.9	7.8 ✓
122	-49°	3563	8	22.8	-49	5.3	7.5 ✓

Cont. on page 208.

Identified by J.C.M. Sept. 26, 1913
Checked by A.M.C. Nov. 12, 1913
Cards made out by E.R.B.

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

Saturday, Feb. 1, 1913.

Time 10.45

B8951 long disp.

No.	Int.	Class	Remark
1	7	B3	
2	10	B3	
3	4	B3	
4	3	B5	
5	8	A2	
6	3	B3	
7	3	A0	
8	2	A0	
9	4	Ma	
10	4	B8	
11	6	A0	
12	3	K0	
13	5	G2	
14	8	B3	
15	3	A0	Partly superposed on 14.
16	4	A2	
17	3	B8	
18	6	K0	
19	3	G5	
20	5	A0	
21	4	B5	
22	5	A0	
23	5	K2	
24	3	B8	
25	4	A0	
26	7	A0	
27	3	B8	

1	-46°	3000	7	11.2	-46	37.9	6.2 ✓
2	-48°	2807	7	11.2	-48	3.2	5.0 ✓
3	-50°	2644	7	10.8	-50	15.3	6.8 ✓
4	-51°	2360	7	9.6	-51	0.0	7.4 ✓
5	-49°	2587	7	0.6	-49	24.1	5.3 ✓
6	-49°	2577	6	59.5	-49	44.6	7.3 ✓
7	-50°	2520	6	58.2	-50	17.3	7.3 ✓
8	-50°	2530	6	59.0	-50	14.8	7.7 ✓
9	-51°	2224	6	57.8	-51	18.2	5.8 ✓
10	-52°	1066	7	0.5	-52	14.3	6.8 ✓
11	-53°	1284	7	10.8	-53	27.1	7.3 ✓
12	-52°	1123	7	12.4	-52	16.8	7.2 ✓
13	-52°	1153	7	17.3	-52	4.8	6.7 ✓
14	-51°	2444	7	17.6	-51	51.2	5.9 ✓
15	-51°	2446	7	17.6	-51	57.8	7.7 ✓
16	-51°	2447	7	17.7	-51	10.2	7.2 ✓
17	-50°	2708	7	17.8	-50	37.2	7.5 ✓
18	-50°	2761	7	23.2	-50	46.0	5.7 ✓
19	-51°	2507	7	24.3	-51	8.6	7.1 ✓
20	-50°	2803	7	27.2	-50	20.8	6.8 ✓
21	-50°	2835	7	30.1	-50	18.0	6.9 ✓
22	-51°	2571	7	31.5	-51	11.9	6.7 ✓
23	-52°	1231	7	32.6	-52	15.2	7.2 ✓
24	-53°	1357	7	29.8	-53	17.1	7.4 ✓
25	-53°	1378	7	33.5	-53	54.5	7.0 ✓
26	-52°	1242	7	36.0	-52	59.3	6.5 ✓
27	-48°	3102	7	35.8	-48	45.9	7.3 ✓

Cards made out.

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Saturday, Feb. 1, 1913.
B8951 long exp.

No	Int.	Class	Remark
28	3	A2	
29	3	B9	
30	2	A3	
31	2	A0	
32	2	A0	
Time: 10.50 33	4.	H0	
34			
35			
36			

28	-47°	3225	7	37.4	-47	32.3	7.8	✓
29	-46°	3391	7	41.0	-46	42.4	7.0	✓
30	-47°	3303	7	43.1	-47	48.3	7.6	✓
31	-46°	3196	7	26.1	-46	25.7	7.4	✓
32	-49°	2725	7	13.1	-49	49.6	7.4	✓
33	-48°	2765	7	7.5	-48	43.7	5.5	✓

Identified by J. C. M. Sept. 26, 1913
Checked by A.M.C. Nov. 7, 1913
Cards made out by E. R. B.
Cards checked by A.M.C.

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

Monday. Feb. 3, 1913.

B 20858 short exp.

Time: 11. 33

No.	Frst.	Class	Remarks
1	2	K5	
2	*7	A0	
3	10	A	
4	4	A2	
5	5	A2	
6	4	K3p	
7	2	K0	
8	3	F0	
9	4	A2	
10	2	K5	
11	10+	A	Burned out.
12	10+	M	" "
13	2	A5	
14	4	F0	
15	8	A0	
16	2	A0	
17	3	A0	
18	2	F0	
19	8	F5	
20	1	K0	
21	3	K0	
22	3	A5	
23	7	A0	
24	3	A5	
25	7*	K0	" "
26	3	K0	
27	3	K5	

1	-43°	2913	7	0.8	-43	28.5	8.6	∧ ∫
2	-43°	2909	7	0.6	-43	33.0	8.3	∧ ∫
3	-43°	2931	7	2.5	-43	24.9	6.9	∧ ∫
4	-43°	2948	7	3.7	-43	40.0	8.5	∧ ∨
5	-43°	2952	7	3.8	-43	47.0	7.8	∧ ∫
6	-44°	3189	7	6.6	-44	21.4	8.9	∧ ∫
7	-44°	3199	7	7.1	-44	29.0	8.6	∧ ∨
8	-44°	3204	7	7.6	-44	9.6	8.8	∧ ∫
9	-44°	3210	7	8.3	-44	37.4	8.6	∧ ∨
10	-44°	3218	7	9.1	-44	49.7	8.3	∧ ∫
11	-44°	3223	7	9.5	-44	58.1	5.3	∧ ∨
12	-44°	3227	7	9.7	-44	26.1	bav.	∧ ∫
13	-44°	3236	7	10.5	-44	26.7	9.8	∧ ∫
14	-43°	3023	7	8.8	-43	40.4	8.3	∧ ∨
15	-43°	3028	7	9.0	-43	40.4	7.3	∧ ∫
16	-43°	3032	7	9.3	-43	42.9	9.5	∧ ∨
17	-43°	3056	7	11.0	-43	30.5	9.1	∧ ∫
18	-44°	3269	7	12.6	-44	57.6	9.2	∧ ∨
19	-45°	3088	7	15.2	-45	4.3	7.5	∧ ∫
20	-45°	3100	7	16.2	-45	7.1	9.2	∧ ∨
21	-44°	3337	7	16.8	-44	59.3	8.0	∧ ∨
22	-45°	3099	7	16.1	-45	24.5	9.3	∧ ∨
23	-45°	3117	7	17.6	-45	16.0	8.8	∧ ∨
24	-45°	3089	7	15.3	-45	49.8	9.6	∧ ∫
25	-46°	3065	7	15.6	-46	0.2	7.4	∧ ∨
26	-46°	3059	7	15.2	-46	15.0	8.7	∧ ∨
27	-46°	3057	7	15.0	-46	35.6	9.0	∧ ∫

Cards made out

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Monday, Feb. 3, 1913.

B 2085 & clout cards.

No.	Int.	Class	Remarks
28	8	Ho	
29	4	Ho	
30	4	Os	
31	7	Ao	
32	6	Fo	
33	5	Ks	
34	1	A	Party superposed on 33.
35	1	Fo	" " " 36.
36	4	A3	
37	9	Ho	
38	3	Fo	
39	3	Ks	
40	4	Ao	
41	3	As	
42	1	A	Party superposed on 41
43	6	Ho	
44	7	Os	
45	3	Fo	
46	4	Ks	
47	3	Ks	
48	3	A2	
49	2	Fo	
50	1	Ks	
51	3	Ks	
52	9	Ao	
53	4	Ks	
54	2	Fo	

28	-46°	3046	7	13.9	-46	46.4	7.8	^ ✓
29	-46°	3040	7	13.5	-46	28.1	8.5	^ ✓
30	-46°	3035 42	7	13.7	-46	3.9 2.7 8.0	9.8	^ ✓
31	-46°	3031	7	12.9	-46	0.8	8.5	^ ✓
32	-46°	3038 5	7	13.0	-46	8.0 17.3	9.1 8.5	^ ✓
33	-46°	3032	7	13.0	-46	17.3	8.5	^ ✓
34	-46°	3034	7	13.0	-46	21.4	9.6	^ ✓
35	-46°	3013	7	12.3	-46	22.4	9.5	^ ✓
36	-46°	3018	7	12.4	-46	23.9	9.1	^ ✓
37	-46°	3023	7	12.7	-46	33.0	6.1	^ ✓
38	-46°	3019	7	12.4	-46	38.8	9.4	^ ✓
39	-46°	2999	7	11.1	-46	54.8	8.6	^ ✓
40	-46°	2996	7	10.8	-46	53.6	9.2	^ ✓
41	-46°	2987	7	10.1	-46	23.0	9.0	^ ✓
42	-46°	2988	7	10.2	-46	22.2	9.7	^ ✓
43	-46°	2993	7	10.5	-46	6.7	7.7	^ ✓
44	-45°	3051	67	12.3	-45	40.4	8.2	^ ✓
45	-45°	3073	7	14.2	-45	34.3	9.1	^ ✓
46	-45°	2856	6	55.6	-45	3.4	7.9	^ ✓
47	-44°	3081	6	57.6	-44	43.5	8.3	^ ✓
48	-44°	3110	7	0.2	-44	28.5	8.6	^ ✓
49	-44°	3102	6	59.5	-44	50.6	9.3	^ ✓
50	-45°	2885	6	58.3	-45	20.4	9.3	^ ✓
51	-45°	2884	6	58.2	-45	37.2	8.3	^ ✓
52	-45°	2896	6	59.2	-45	24.1	8.6	^ ✓
53	-46°	2929	7	2.5	-45	46.6	7.8	^ ✓
54	-45°	2939	7	3.3	-45	16.2	9.3	^ ✓

Cards made out

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Thursday, Feb. 3, 1913.

13 20858 clear & fine

No	Int.	Class	Remark
55	4	F0	
56	3	F0	
57	2	F5	
58	1	F2	
59	10	G8	
60	2	F2	
61	7	A2	
62	3	F0	
63	3	A0	
64	3	K0	
65	2	G5	
66	4	A0	
67	5	F0	
68	3	F5	
69	2	F5	
70	3	A0	
71	3	F8	
72	2	A0	
73	6	A0	
74	7	F2	
75	4	G2	
76	8	G5	
77	7	F0	
78	2	A0	
79	7	G0	
80	4	F2	
81	10+	F?	Plumed out

55	-44°	3135	7	3.2	-44	51.4	8.5
56	-44°	3134	7	3.0	-44	36.2	8.4
57	-45°	2919	7	1.7	-45	7.9	9.1
58	-45°	2928	7	2.4	-45	4.3	9.3
59	-45°	2960	7	5.3	-45	7.6	6.9
60	-45°	2981	7	6.4	-45	17.2	9.4
61	-45°	2985	7	6.9	-45	22.5	8.0
62	-45°	2984	7	6.8	-45	28.7	9.0
63	-45°	2991	7	7.5	-45	40.2	9.4
64	-46°	2947	7	6.1	-46	9.6	8.2
65	-46°	2918	7	3.7	-46	25.1	8.8
66	-47°	2827	7	4.9	-47	19.4	8.9
67	-47°	2826	7	4.9	-47	38.4	8.1
68	-47°	2843	7	6.7	-47	11.6	8.7
69	-47°	2847	7	7.1	-47	59.0	9.1
70	-47°	2856	7	7.8	-47	49.4	9.1
71	-48°	2763	7	7.1	-48	16.2	8.5
72	-47°	2876	7	9.1	-47	56.8	9.5
73	-48°	2793	7	9.7	-48	34.4	8.7
74	-48°	2782	7	8.9	-48	58.4	8.2
75	-49°	2685	7	9.1	-49	7.0	8.0
76	-49°	2676	7	8.2	-49	14.4	8.0
77	-48°	2803	7	10.5	-48	5.0	8.0
78	-47°	2898	7	10.6	-47	53.4	9.5
79	-48°	2814	7	12.1	-48	0.9	8.2
80	-48°	2823	7	12.9	-48	6.5	8.7
81	-46°	2977	7	9.0	-46	32.9	4.8

Cards made out

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Monday, Feb. 3, 1913.
B20858 short disp.

No.	Int.	Class	Remark
82	1	A2	
83	7	A3	
84	2	A0	
85	4	K5	
86	7	K3	
87	6	K5	
88	5	K3	
89	2	K5	
90	4	A0	
91	4	F0	
92	3	F0	
93	2	K3	
94	1	K5	
95	2	F5	
96	1	K	
97	2	F0	
98	4	F8	
99	6	F0	
100	5	F0	
101	3	A0	
102	7	A5	
103	8	K3	
104	4	K5	
105	5	K0	
106	4	F0	
107	5	A0	
108	3	A0	

82	-47°	2867	7	8.6	-47	11.7	9.5 ∧ ∨
83	-46°	3067	7	15.9	-46	59.2	8.3 ∧ ∨
84	-47°	2986	7	16.8	-47	11.2	9.4 ∧ ∨
85	-46°	3102	7	18.4	-46	47.4	8.8 ∧ ∨
86	-48°	2884	7	17.4	-48	16.7	8.5 ∧ ∨
87	-48°	2897	7	18.3	-48	5.4	8.6 ∧ ∨
88	-47°	3023	7	19.9	-47	57.2	8.3 ∧ ∨
89	-47°	3026	7	20.0	-47	42.6	8.1 ∧ ∨
90	-48°	2916	7	20.3	-48	11.7	9.1 ∧ ∨
91	-48°	2914	7	20.2	-48	18.8	9.1 ∧ ∨
92	-48°	2876 2899	7	18.3 18.8	-48 -48	30.6 27.5	9.4 9.3 ∧
93	-48°	2879	7	17.1	-48	43.3	9.6 ∧ ∨
94	-48°	2853	7	14.8	-48	50.7	8.6 ∧ ∨
95	-48°	2861	7	15.5	-48	53.9	9.2 ∧ ∨
96	-48°	2875	7	16.5	-48	57.4	9.5 ∧ ∨
97	-48°	2911	7	19.8	-48	46.4	8.8 ∧ ∨
98	-48°	2925	7	21.4	-48	38.1	9.1 ∧ ∨
99	-47°	3053	7	22.6	-47	54.8	8.1 ∧ ∨
100	-47°	3052	7	22.6	-47	31.3	8.0 ∧ ∨
101	-47°	3035	7	21.3	-47	19.0	9.1 ∧ ∨
102	-47°	3068	7	23.8	-47	31.7	8.1 ∧ ∨
103	-47°	3072	7	24.1	-47	9.5	7.8 ∧ ∨
104	-46°	3178	7	24.0	-46	50.5	8.8 ∧ ∨
105	-46°	3179	7	24.4	-46	58.9	8.0 ∧ ∨
106	-46°	3128	7	20.4	-46	20.8	8.9 ∧ ∨
107	-46°	3147	7	21.6	-46	0.0	8.8 ∧ ∨
108	-45°	3181	7	22.3	-45	45.9	9.1 ∧ ∨

cards made out.

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Monday Feb. 3, 1913.
B20158 short exp

No.	Int.	Class	Remark
109	4	Fo	
110	3	F2	
111	4	F4	
112	4	F2	
113	2	F0	
Trine: 11.50 114	5	F8g	
115	3	a	Completely sup except on extreme edge.
116	5	a	
117	2	a	Perhaps B8. Superposition?
118	5	a0	
119	1	a2	

109	-45°	3188	7	23.2	-45	27.7	8.4	1v	
110	-46°	3166	7	23.5	-46	0.9	9.0	1v	
111	-45°	3220	7	25.2	-45	54.3	8.6	1v	
112	-45°	3235	7	26.7	-45	24.5	8.5	1v	
113	-45°	3242	7	27.2	-45	37.8	8.8	1v	
114	-45°	3246	7	27.5	-45	55.2	8.4	1v	

Identified by ANR. Feb. 22, 1913
Checked May 6. 1913 L.D.W.
Cards made out by M. C.W.

115	-48° 2890	7	17.9	-48	17	7.8		4 on B20662	
116	-48 2881		17.9		18	8.7			
117	-41° 3007	7	17.3	-41	43	8.7		180 on B20671	
118	-41 3006	7	17.3	-41	45	7.5		181 " "	
119	-46 3236	7	23.8	-46	30	8.1		84 on B20786	

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Tuesday, Feb 4, 1913.

Time: 10. 20

B 38414 short exp.

No.	Int.	Class	Remark
1	7	F0	
2	5	K0	
3	4	F0	
4	2	G5	
5	1	F2	
6	4	K0	
7	5	F0	
8	3	G0	
9	10	G5	
10	8	K3	
11	3	F2	
12	7	K3	
13	10+	M?	
14	1	K2	
15	1	G0	
16	2	G0	
17	4	F2	
18	2	F0	
19	6	A5	
20	2	F0	
21	2	A2	
22	3	F0	
23	1	A2	
24	1	F8	
25	3	G5	
26	1	G5	
27	2	G0	

1	−50°	2561	7	2.1	−50	10.2	7.1	∧✓
2	−50°	2553	7	1.3	−50	11.0	7.6	∧✓
3	−50°	2548	7	0.8	−50	28.5	7.6	∧✓
4	−50°	2546	7	0.7	−50	16.1	9.6	∧✓
5	−49°	2583	7	0.2	−49	53.2	9.6	∧✓
6	−49°	2572	6	59.2	−49	53.0	8.4	∧✓
7	−49°	2565	6	57.8	−49	31.8	8.0	∧✓
8	−49°	2554	6	56.6	−49	19.7	9.2	∧✓
9	−48°	2648	6	57.1	−48	57.5	7.0	∧✓
10	−48°	2615	6	54.7	−48	58.7	7.7	∧✓
11	−49°	2536	6	54.4	−49	16.8	9.5	∧✓
12	−48°	2608	6	53.9	−48	39.6	8.9	∧✓
13	−48°	2601	6	52.9	−48	33.5	5.5	∧✓
14	−48°	2603	6	53.0	−48	49.3	9.0	∧✓
15	−48°	2618	6	54.9	−48	30.0	9.7	∧✓
16	−48°	2620	6	55.0	−48	19.0	9.5	∧✓
17	−48°	2616	6	54.7	−48	5.8	9.3	∧✓
18	−48°	2614	6	54.3	−48	13.0	9.2	∧✓
19	−47°	2710	6	54.5	−47	57.1	8.3	∧✓
20	−48°	2604	6	53.0	−48	1.6	9.2	∧✓
21	−47°	2693	6	52.9	−47	58.2	9.6	∧✓
22	−48°	2591	6	51.3	−48	32.4	9.6	∧✓
23	−48°	2590	6	51.0	−48	52.8	9.7	∧✓
24	−49°	2488	6	50.7	−49	2.0	9.7	∧✓
25	−49°	2499	6	51.3	−49	13.0	9.4	∧✓
26	−49°	2508	6	52.1	−49	23.7	9.7	∧✓
27	−49°	2501	6	51.7	−49	25.9	9.8	∧✓

Cards made out.

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Tuesday, Feb. 4, 1913.

B38414 short disp.

Nr.	Int.	Class	Remark
28	2	K2	
29	2	kp	
30	4	K8	
31	9	A0	
32	7	A2	
33	1	kp5	
34	7	K9	
35	7	F0	
36	4	F8	
37	3	F0	
38	1	kp5	
39	7	kp5	
40	3	A3	
41	2	kp5	
42	1	K0	
43	7	F0	
44	2	F1	
45	8	kp5	
46	4	F5	
47	7	kp5	
48	7	K4	
49	2	F8	Partly superposed on 47.
50	5	F0	
51	1	K5	
52	9	kp0	
53	2	F5	
54	2	F8	

28	-49°	2487	6	50.6	-49	33.5	8.6	^v
29	-49°	2486	6	50.6	-49	23.6	9.6	^v
30	-48°	2560	6	48.4	-48	50.5	8.8	^v
31	-49°	2465	6	48.2	-49	8.6	7.7	^v
32	-48°	2544	6	46.9	-48	44.0	7.7	^v
33	-48°	2543	6	46.8	-48	57.5	9.7	^v
34	-49°	2446	6	45.8	-49	2.7	8.3	^v
35	-48°	2519	6	44.6	-48	55.3	7.7	^v
36	-48°	2528	6	45.4	-48	26.5	9.3	^v
37	-48°	2539	6	46.5	-48	3.5	9.4	^v
38	-47°	2612	6	46.5	-47	56.7	9.7	^v
39	-47°	2608	6	45.6	-47	57.5	7.9	^v
40	-48°	2523	6	44.9	-48	5.5	9.8	^v
41	-47°	2591	6	44.7	-48	58.2	9.5	^v
42	-47°	2590	6	44.4	-47	52.2	9.5	^v
43	-47°	2597	6	46.0	-47	28.7	8.8	^v
44	-47°	2593	6	44.7	-47	5.5	9.7	^v
45	-47°	2588	6	44.2	-47	9.7	7.3	^v
46	-47°	2583	6	43.8	-47	17.4	8.8	^v
47	-47°	2574	6	43.4	-47	39.8	7.2	^v
48	-47°	2572	6	43.1	-47	33.4	8.5	^v
49	-47°	2575	6	43.4	-47	36.7	9.4	^v
50	-47°	2581	6	43.7	-47	1.0	9.3	^v
51	-47°	2568	6	42.3	-47	25.6	9.6	^v
52	-48°	2515	6	44.1	-48	25.6	7.1	^v
53	-48°	2510	6	43.6	-48	48.4	9.7	^v
54	-48°	2505	6	43.3	-48	33.0	9.4	^v

Cards made out.

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Tuesday, Feb. 4, 1913.

B3841+ short disp.

No.	Int.	Class	Remark
55	1	Ko	The northern of two.
56	2	F5	
57	2	A0	
58	4	F5	
59	4	F0	
60	3	K0	
61	1	K0	
62	6	F2	
63	4	F5	
64	3	G0	
65	6	F5	
66	1	G5	
67	7	K0	
68	2	K0	
69	1	G0	
70	3	K0	
71	2	K2	
72	2	F0	
73	2	A	Another star superposed?
74	2	G5	
75	2	K5	
76	7	G5	
77	8	A2	
78	4	F0	
79	4	G5	
80	2	G0	
81	1	F0	

55	-48°	2513	6	43.7	-48	23.5	9.3	∧ ∨
56	-48°	2501	6	42.9	-48	12.3	9.4	∧ ∨
57	-48°	2491	6	41.9	-48	40.3	9.7	∧ ∨
58	-48°	2485	6	41.6	-48	34.6	9.4	∧ ∨
59	-48°	2477	6	40.5	-48	33.5	9.2	∧ ∨
60	-48°	2468	6	39.9	-48	44.4	8.6	∧ ∨
61	-49°	2397	6	40.4	-49	0.0	9.5	∧ ∨
62	-49°	2382	6	38.6	-49	16.0	8.9	∧ ∨
63	-48°	2455	6	38.8	-48	27.5	9.3	∧ ∨
64	-48°	2466	6	39.7	-48	23.3	9.2	∧ ∨
65	-48°	2471	6	40.0	-48	19.6	9.0	∧ ∨
66	-48°	2472	6	40.1	-48	30.5	9.2	∧ ∨
67	-48°	2469	6	39.9	-48	6.8	7.7	∧ ∨
68	-47°	2546	6	40.2	-47	51.9	9.3	∧ ∨
69	-47°	2547	6	40.3	-47	44.1	9.8	∧ ∨
70	-47°	2534	6	39.4	-47	48.0	9.2	∧ ∨
71	-47°	2529	6	38.8	-47	47.8	9.4	∧ ∨ -47° 2528 9.9 Superposed
72	-48°	2443	6	38.8 / 37.9	-48	7.6 / 44.7	9.5 / 9.2	∧ ∨ 9.8 ~~48° 2444 not found~~
73	-48°	2446	6	38.1	-48	19.9	9.8	∧ ∨ 9.8 -48° 2447 superposed ∧
74	-48°	2440	6	37.8	-48	21.7	9.5	∧ ∨
75	-48°	2436	6	37.4	-48	29.0	9.1	∧ ∨
76	-48°	2430	6	36.7	-48	25.7	8.4	∧ ∨
77	-48°	2440	6	35.4	-48	36.3	8.1	∧ ∨
78	-49°	2355	6	35.6	-49	13.1	9.6	∧ ∨
79	-49°	2362	6	36.2	-49	34.2	9.4	∧ ∨
80	-49°	2369	6	37.0	-49	21.6	9.9	∧ ∨
81	-49°	2376	6	37.7	-49	20.0	9.8	∧ ∨

Cards made out.

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Tuesday Feb. 4, 1913.
13 3841/4 short disp.

No.	Int.	Class	Remark
82	2	K2	
83	7	Ma	
84	10	Bg	~~Gpl bnyairp~~. Looked up.
85	3	F2	
85a	4	Bg	
86	2	F0	
87	6	A3	
88	4	A0	
89	1	G5	
90	2	K0	
91	2	A2	
92	1	K0	
93	6	A0	
94	1	K0	
95	4	F0	
96	2	A5	
97	4	F2	
98	2	A2	
99	6	A2	
100	3	F0	
101	2	A0	
102	5	A2	
103	4	G0	
104	3	F5	
105	2	K0	
106	4	A02	
107	1	G5	
108	10	K2	

82	−48°	2443	6	37.9	−48	44.7	9.2	1 ✓ 9.9 −48° 2444 suppressed ✓
83	−47°	2521	6	37.4	−47	33.4	6.8	1 ✓
84	−47°	2520	6	37.4	−47	30.0	6.5	1 ✓
85	−48°	2680	6	39.8	−48	58.4	9.5	∧ ✓
85a	−47°	2505	6	35.9	−47	50.7	9.2	1 ✓
86	−48°	2676	6	39.6	−48	41.2	9.3	∧ ✓
87	−48°	2669	6	38.8	−48	48.6	8.4	1 ✓
88	−48°	2665	6	38.5	−48	38.4	9.8	∧ ✓
89	−48°	2655	6	37.9	−48	20.2	9.5	1 ✓
90	−48°	2647	6	37.1	−48	33.2	9.2	∧ ✓
91	−48°	2641	6	36.9	−48	16.0	9.7	1 ✓
92	−48°	2633	6	36.1	−48	25.3	9.4	1 ✓
93	−47°	2761	6	38.7	−47	54.6	8.8	∧ ✓
94	~~−48~~ −47°	2749	6	37.9	−47	55.3	9.4	1 ✓
95	−47°	2739	6	37.1	−47	49.2	9.4	∧ ✓
96	−47°	2736	6	36.8	−47	15.8	9.8	1 ✓
97	−47°	2727	6	35.7	−47	16.7	9.4	∧ ✓
98	−47°	2723	6	35.4	−47	9.3	10	1 ✓
99	−47°	2711	6	34.6	−47	16.5	9.4	∧ ✓
100	−47°	2699	6	33.5	−47	22.6	9.6	∧ ✓
101	−47°	2721	6	35.3	−47	49.0	9.8	∧ ✓
102	−47°	2691	6	32.8	−47	37.9	9.2	∧ ✓
103	−47°	2688	6	32.6	−47	20.0	9.1	∧ ✓
104	−47°	2765	6	30.8	−47	50.4	9.5	∧ ✓
105	−48°	2588	6	30.8	−48	4.4	9.5	∧ ✓
106	−47°	2654	6	29.7	−47	59.4	9.7	∧ ✓
107	−48°	2574	6	29.6	−48	12.8	9.7	∧ ✓
108	−48°	2556	6	28.2	−48	8.5	6.8	∧ ✓

Cards made out

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Tuesday, Feb 4, 1913.
B38414 short exp.

No.	Int.	Class	Remark
109	3	A2	
110	5	F5	
111	5	A2	
112	4	A3	
113	2	F0	
114	7	K0	
115	3	F0	
116	4	G5	
117	3	A0	
118	2	K2	
119	4	A2	
120	3	K0	
121	1	K0	
122	10+	?	Burned out
123	9	B9	
124	5	A0	
125	3	A2	
126	6	G0	
127	2	A0	
128	4	F2	
129	3	F5	
130	7	A2	
131	3	G0	
132	3	A0	
133	3	K2	
134	4	F0	
135	3	A3	

109	−47°	2627	6	47.5	−47	57.4	9.7	∧∨
110	−47°	2639	6	48.1	−47	36.0	8.9	∧∨
111	−47°	2646	6	49.0	−47	16.4	9.1	∧∨
112	−47°	2641	6	48.2	−47	10.7	9.5	∧∨
113	−47°	2626	6	47.4	−47	18.2	9.6	∧∨
114	−47°	2628	6	47.7	−47	10.7	7.5	∧∨
115	−47°	2625	6	46.9	−47	16.0	9.7	∧∨
116	−46°	2733	6	49.2	−46	39.2	8.1	∧∨
117	−46°	2731	6	48.8	−46	39.7	9.6	∧∨
118	−46°	2723	6	47.9	−46	39.8	8.9	∧∨
119	−46°	2715	6	47.1	−46	49.0	9.6	∧∨
120	−46°	2716	6	47.2	−46	39.6 ~~36~~	9.1	∧∨
121	−46°	2708	6	46.6	−46	34.0	9.0	∧∨
122	−46°	2703	6	46.4	−46	29.0	5.4	∧∨
123	−46°	2696	6	45.7	−46	33.8	7.7	∧∨
124	−46°	2687	6	44.8	−46	33.0	9.4	∧∨
125	−46°	2722	6	47.9	−46	17.2	9.5	∧∨
126	−45°	2794	6	48.8	−45	54.0	8.4	∧∨
127	−45°	2782	6	47.7	−45	53.1	9.8	∧∨
128	−45°	2776	6	46.9	−45	57.7	9.6	∧∨
129	−46°	2718	6	46.8	−46	13.4	9.6	∧∨
130	−46°	2704	6	46.4	−46	1.4	8.7	∧∨
131	−46°	2793	6	54.3	−46	41.1	9.6	∧∨
132	−46°	2792	6	54.3	−46	35.3	9.7	∧∨
133	−46°	2790	6	53.8	−46	36.3	8.6	∧∨
134	−46°	2785	6	53.5	−46	38.9	8.9	∧∨
135	−46°	2782	6	53.2	−46	40.4	9.3	∧∨

cards made out.

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Tuesday, Feb. 4, 1913.

B 3841 4 short disps.

No.	Int.	Class	Remark
136	2	K0	
137	2	K5	
138	2	K5	
139	4	K5	
140	3	K8	
141	2	K3	
142	8	A2	
143	1	A3 K0	
144	1	[illegible]	
145	3	K5	
146	6	K0	
147	3	K2	
148	1	K0	Partly superposed on 149.
149	4	[illegible]	
150	7	A0	
151	1	K5	
152	8	K3	
153	4	Ma	
154	2	K5	
155	1	A	
156	5	K0	
157	7	K0	
158	7	B8	
159	1	A2	
160	2	A5	
161	10	K0	
162	2	K0	

136	−46°	2779	6	53.0	−46	58.0	9.4	1 V
137	−46°	2776	6	52.7	−46	49.6	9.6	1 V
138	−46°	2777	6	52.9	−46	37.0	9.5	1 V
139	−46°	2765	6	52.0	−46	19.1	8.7	1 V
140	−46°	2761	6	51.7	−46	19.1	9.5	1 V
141	−46°	2753	6	51.0	−46	19.0	9.5	1 V
142	−46°	2745	6	50.3	−46	16.2	8.1	1 V
143	−46°	2736	6	49.3	−46	21.0	9.5	1 V
144	−46°	2729	6	48.6	−46	11.6	9.6	1 V
145	−45°	2798	6	49.5	−45	53.0	9.5	1 V
146	−45°	2814	6	51.0	−45	44.1	8.3	1 V
147	−50°	2498	6	56.8	−50	8.8	9.3	1 V
148	−50°	2503	6	56.3	−50	3.7	9.6	1 V
149	−49°	2551	6	56.3	−49	59.2	9.2	1 V
150	−50°	2489	6	55.2	−50	0.7	8.3	1 V
151	−49°	2530	6	54.0	−49	57.6	9.7	1 V
152	−49°	2527	6	53.9	−49	54.5	8.2	1 V −49° 25 28 superposed
153	−49°	2513	6	52.7	−49	55.4	8.1	1 V
154	−49°	2532	6	54.1	−49	19.0	9.4	1 V
155	−49°	2542	6	54.7	−49	25.5	9.9	1 V
156	−50°	2481	6	54.3	−50	50.0	8.3	1 V
157	−50°	2477	6	53.7	−50	51.1	7.8	1 V
158	−50°	2478	6	53.7	−50	35.3	8.5	1 V
159	−50°	2474	6	53.2	−50	24.5	9.6	1 V
160	−50°	2470	6	52.9	−50	25.7	9.5	1 V
161	−50°	2458	6	50.9	−50	27.6	6.7	1 V
162	−50°	2457	6	50.9	−50	6.5	9.6	1 V

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BB8414 short exp.

No.	Int.	Class	Remark
163	2	F0	
164	3	F0	
165	3.1	F0	
166	1	F0	
167	2	F0	
168	2	F0	
169	1	G5	
170	7	A2	
171	8	A0	
172	7	B9	
173	7	F0	
174	4	A2	
175	5	G0	
176	3.2		
177	1	F0	
178	2	F0	
179	6	B9	
180	1	G0	
181	5	B8	
182	2	F0	
183	7	A2	
184	10	F	
185	5	A5	
186	6	A3	
187	3	F0	
188	3	F8	
189	2	F0	

163	−49°	2485	6	50.6	−49	52.8	9.6	^v
164	−49°	2466	6	48.4	−49	51.7	9.6	^v
165	−49°	2459	6	47.6	−49	50.0	9.4	^v
166	−49°	2471	6	48.9	−49	32.6	9.5	^v
167	−50°	2425	6	48.2	−50	23.0	9.8	^v
168	−50°	2428	6	48.3	−50	35.4	9.8	^v
169	−50°	2430	6	48.8	−50	46.3	9.7	^v
170	−50°	2448	6	50.2	−50	59.2	9.2	^v
171	−51°	2147	6	50.8	−51	16.5	8.7	^v
172	−51°	2154	6	51.6	−51	31.8	9.1	^v
173	−51°	2102	6	46.4	−51	37.1	8.4	^v
174	−51°	2095	6	45.5	−51	24.1	9.6	^v
175	−50°	2414	6	46.7	−50	0.2	8.5	^v
176	−49°	2441	6	45.3	−49	29.3	9.4	^v
177	−49°	2425	6	43.5	−49	51.5	9.7	^v
178	−50°	2394	6	43.9	−50	14.8	9.3	^v
179	−49°	2420	6	43.0	−49	51.2	8.9	^v
180	−49°	2418	6	42.6	−49	57.8	9.6	^v
181	−50°	2376	6	41.8	−50	26.5	9.4	^v
182	−50°	2383	6	42.5	−50	36.6	9.6	^v
183	−51°	2071	6	43.4	−51	3.9	8.4	^v
184	−51°	2078	6	43.9	−51	7.4	6.1	^v
185	−51°	2061	6	42.3	−51	26.4	9.1	^v
186	−50°	2369	6	41.0	−50	24.0	9.1	^v
187	−50°	2364	6	40.2	−50	31.6	9.2	^v
188	−49°	2392	6	39.9	−49	50.0	9.9	^v
189	−49°	2407	6	41.6	−49	38.4	9.7	^v

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B 3814 short disp.

No.	Int.	Class	Remark
190	1	Ko	
191	3	Ao	
192	5	Ao	
193	2	Ko	
194	4	Ma	
195	2	~~Ao~~	
196	3	F5	
197	10	A5	
198	2	Go	
199	4	G5	
10.55 200	7	G5	
11.2 201	7	Ao	
202	3	Ko	
203	8	F5	
204	4	Ao	
205	3	Ko	
206	2	F5	The northern of two
207	2	F5	
208	3	Ao	
209	4	G5	
210	5	G5	
211	5	Ao	
212	6	Go	
213	4	A	Partly superposed on 214.
214	5	Ko	
215	3	G5	
216	3	Go	Partly superposed on 215.

190	−50°	2349	6	38.6	−50	22.0	9.4	∧ ∨
191	−50°	2347	6	38.5	−50	20.4	9.5	∧ ∨
192	−50°	2322	6	36.3	−50	17.8	9.4	∧ ∨
193	−50°	2314	6	35.2	−50	17.1	9.3	∧ ∨
194	−50°	2307	6	34.0	−50	22.1	8.4	∧ ∨
195	−49°	2353	6	35.2	−49	46.0	9.5	∧ ∨
196	−49°	2345	6	34.5	−49	44.0	9.6	∧ ∨
197	−49°	2344	6	34.5	−49	25.2	7.3	∧ ∨
198	−48°	2403	6	34.2	−48	58.7	9.5	∧ ∨
199	−49°	2334	6	33.4	−49	6.8	8.6	∧ ∨
200	−50°	2300	6	33.4	−50	13.2	7.3	∧ ∨ −50°−2301 magn. 9.8 superposed.
201	−50°	2609	6 & 7	6.4	−50	8.0	8.4	∧ ∨
202	−50°	2612	7	6.7	−50	13.3	8.6	∧ ∨
203	−49°	2637	7	5.2	−49	54.0	7.8	∧ ∨
204	−49°	2646	7	6.1	−49	46.7	8.7	∧ ∨
205	−49°	2648	7	6.2	−49	38.0	8.6	∧ ∨
206	−49°	2641	7	7.0 60 5.6	−49	44.0 0.9	9.2 8.6	∧ ∨ 9.9 ∧ −49°2661 superposed ∧
207	−49°	2645	7	6.0	−49	24.3	9.0	∧ ∨
208	−49°	2657	7	6.7	−49	0.3	9.7	∧ ∨
209	−49°	2641	7	5.6	−49	0.9	8.6	∧ ∨
210	−48°	2733	7	4.6	−48	42.9	8.7	∧ ∨
211	−48°	2732	7	4.5	−48	31.7	9.4	∧ ∨
212	−48°	2716	7	3.2	−48	3.3	9.2	∧ ∨
213	−48°	2712	7	2.9	−48	26.2	9.2	∧ ∨
214	−48°	2713	7	2.9	−48	20.9	9.0	∧ ∨
215	−48°	2706	7	2.3	−48	38.8	9.2	∧ ∨
216	−48°	2704	7	2.2	−48	38.9	9.0	∧ ∨

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B38414 abst disp.

No.	Int.	Class	Remark
217	3	Ma	
218	3	Ma2	
219	5	Ma5	
220	2	Ma0	
221	3	Ma5	
222	1	Ma0	
223	1	Ma	
224	1	Ma0	
225	1	Ma0	
226	2	Oa	
227	2	Ma5	
228	2	Ma5	
229	2	Ma5	
230	2	Ma	
231	1	Ma	
232	4	Ma5	
233	4	Ma3	
234	2	Oa0	
235	1	Ma5	
236	1	Ma2	
237	5	Ma4	
238	5	Ma	
239	1	Ma5	
240	2	Ma5	
241	1	Ma5	
242	2	Ma0	
243	5	Ma2	

217	-48°	2696	7	1.8	-48	52.9	8.4	∧∨
218	-49°	2612	7	3.1	-49	36.0	8.8	∧∨
219	-49°	2605	7	2.3	-49	40.7	9.0	∧∨
220	-49°	2604	7	2.2	-49	52.2	9.0	∧∨
221	-49°	2599	7	1.6	-49	37.6	9.2	∧∨
222	-49°	2595	7	1.4	-49	51.0	9.7	∧∨
223	-49°	2592	7	1.1	-49	49.0	9.5	∧∨
224	-49°	2596	7	1.5	-49	29.4	9.5	∧∨
225	-49°	2594	7	1.2	-49	27.3	9.4	∧∨
226	-49°	2624 (6)	7	4.2	-49	14.3 (7)	9.9	∧∨
227	-48°	2754	7	6.0	-48	25.0	9.4	∧∨
228	-47°	2838	7	6.2	-47	47.5	9.5	∧∨
229	-46°	2969	7	8.1	-46	29.2	9.2	∧∨
230	-46°	2936	7	5.3	-46	22.6	9.6	∧∨
231	-46°	2919	7	3.8	-46	30.3	9.4	∧∨
232	-46°	2918	7	3.7	-46	25.1	8.8	∧∨
233	-46°	2909	7	3.1	-46	37.9	9.4	∧∨
234	-46°	2906	7	2.8	-46	59.9	9.8	∧∨
235	-46°	2905	7	2.8	-46	39.0	9.6	∧∨
236	-46°	2929	7	4.7 ~~3.1~~	-46	56.3 ~~37.9~~	.5 9.4	∧∨
237	-47°	2795	7	2.0	-47	30.9	8.3	∧∨
238	-47°	2792	7	1.8	-47	29.9	9.0	∧∨
239	-47°	2812	7	3.6	-47	40.5	9.8	∧∨
240	-47°	2808	7	2.9	-47	56.3	9.3	∧∨
241	-47°	2823	7	4.2	-47	45.8	9.7	∧∨
242	-47°	2796	7	2.2	-47	52.1	9.2	∧∨
243	-47°	2771	7	0.4	-47	38.3	8.8	∩∨

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Tuesday, Feb. 4, 1913.

B3841 short disp.

Nr.	Int.	Class	Remark
244	3	K0	
245	2	F8	
246	2	F8	
247	1	K5	
248	1	K5	
249	2	K0	
250	2	K3	
251	4	A0	
252	3	G0	
253	1	G5	
254	2	A2	
255	10	B9	
256	1	G5	
257	3	A0	
258	2	K0	
259	5	K0	
260	1	K2	
261	2	F2	
262	1	K2	
263	2	K0	
264	2.5	B9	
265	2	K0	
266	3	F5	
267	4p	A2	
268	4	K0	
269	5	K8	
270	7	A3	

244	−47°	2770	7	0.3	−47	34.7	8.6	∧∨
245	−47°	2767	6	59.7	−47	19.7	9.4	∧ ∨
246	−47°	2764	6	59.2	−47	9.1	9.5	∧∨
247	−47°	2791	7	1.7	−47	12.6	9.4	∧ ∨
248	−46°	2872	7	0.4	−46	41.9	9.0	∧ ∨
249	−46°	2875	7	0.7	−46	35.2	9.1	∧ ∨
250	−46°	2871	7	0.3	−46	14.0	9.0	∧ ∨
251	−46°	2847	6	58.4	−46	45.0	9.4	∧ ∨
252	−46°	2849	6	58.6	−46	15.3	9.5	∧∨
253	−46°	2836	6	57.6	−46	3.2	9.0	∧ ∨
254	−46°	2832	6	57.3	−46	15.2	9.7	∧ ∨
255	−46°	2811	6	55.5	−46	50.9	6.9	∧∨
256	−46°	2795	6	54.5	−46	57.2	9.7	∧∨
257	−46°	2809	6	55.5	−46	22.7	9.8	∧ ∨
258	−46°	2806	6	55.3	−46	8.7	9.5	∧∨
259	−46°	2812	6	55.5	−46	0.9	8.6	∧
	−49°	2641	7	5.6	−49	0.9	8.6	∨
260	−46°	2791	6	53.8	−46	21.4	9.4	∧∨
261	−46°	2780	6	53.1	−46	0.8	9.6	∧ ∨
262	−45°	2819	6	51.9	−45	56.6	9.5	∧ ∨
263	−45°	2817	6	51.6	−45	27.2	9.0	∧∨
264	−45°	2813	6	51.0	−45	24.2	9.7	∧∨
265	−45°	2811	6	50.7	−45	30.0	9.2	∧ ∨
266	−45°	2807	6	50.5	−45	15.5	9.4	∧∨
267	−45°	2797	6	49.5	−45	16.8	9.4	∧∨
268	−44°	2989	6	49.5	−44	46.8	8.8	∧∨
269	−44°	2982	6	48.8	−44	54.0	8.8	∧∨
270	−44°	2944	6	46.2	−44	54.4	8.3	∧∨

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Tuesday. Feb. 4. 1913.

B3814 short exp.

Hrs.	Int.	Class	Remark
271	8	F0	
272	9	B8	
273	3	F2	
274	2	F0	
275	3	G0	
276	3	F5	
277	2	F0	
278	3	A2	
279	4	G5	
280	4	F0	
281	5	F2	
282	6	G5	
283	5	F0	
284	5	A0	
285	4	F0	
286	2	F	
287	2	F0	
288	2	F8	
289	3	F0	
290	5	F0	
291	10+	F5?	Burned out
292	2	F5	
293	7	F0	
294	3	G5	
295	5	F0	
296	7	F0	
297	3	F0	

271	-45°	2773	6	46.3	-45	18.2	6.9	∧∨
272	-45°	2768	6	45.9	-45	25.5	7.9	∧∨
273	-45°	2760	6	45.1	-45	36.6	9.1	∧∨
274	-45°	2758	6	45.0	-45	52.3	9.2	∧∨
275	-46°	2685	6	44.2	-46	11.1	9.4	∧∨
276	-46°	2682	6	44.1	-46	25.4	9.7	∧∨
277	-46°	2680	6	44.1	-46	36.5	9.6	∧∨
278	-46°	2681	6	44.1	-46	15.4	9.7	∧∨
279	-45°	2732	6	42.2	-45	51.8	8.8	∧∨
280	-46°	2652	6	41.5	-46	11.5	9.2	∧∨
281	-46°	2643	6	41.1	-46	38.7	7.3	∧∨
282	-46°	2640	6	40.8	-46	56.9	8.4	∧∨
283	-46°	2631	6	39.6	-46	59.9	9.4	∧∨
284	-46°	2633	6	39.9	-46	49.5	9.2	∧∨
285	-46°	2619	6	39.0	-46	54.5	9.4	∧∨
286	-46°	2612	6	38.7	-46	55.7	9.7	∧∨
287	-47°	2516	6	36.8	-47	10.6	8.7	∧∨
288	-47°	2513	6	36.6	-47	12.8	9.8	∧∨
289	-47°	2499	6	35.2	-47	37.5	9.1	∧∨
290	-48°	2419	6	34.6	-48	0.4	9.5	∧∨
291	-48°	~~2416~~ 2417	6	35.3	-48	~~6.4~~ 6.5	~~8.0~~ 5.7	∧∨ Judge one in error.
292	-48°	2407	6	34.4	-48	22.0	9.4	∧∨
293	-48°	2389	6	32.6	-48	10.6	7.6	∧∨
294	-48°	2387	6	32.2	-48	22.1	9.2	∧∨
295	-47°	2468	6	32.5	-47	52.9	8.6	∧∨
296	-47°	2466	6	32.2	-47	19.7	7.7	∧∨
297	-47°	2467	6	32.3	-47	10.8	9.0	∧∨

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Tuesday, Feb. 4, 1913

B3841 4 short disp.

	No.	Int.	Class	Remark
	298	6	K0	
	299	3.9	G5	
11.42	300	1	F5	
11.55	301	10	B3	
	302	11	B3	
	303	8	B8	
	304	2	G5	
	305	6	B9	
	306	3	K0	
	307	2	A0	
	308	1	G5	
Time: 11.53 Feb. 7, 1913	309	3	K0	
Time: 11.00	310	1	G5	
	311	4	G5	
	312	4	K0	
	313	3	F8	
	314	3	G5	
	315	5	F0	
	316	2	F5	
	317	4	A2	
	318	2	K5	
	319	3	K0	
	320	5	F2	
	321	1	Ma	
	322	3	A0	
	323	2	K0	
	324	4	F5	

298	−47°	2456	6	31.4	−47	16.7	7.5	1 v
299	−48°	2386	6	32.0	−48	6.2	9.1	1 v
300	−48°	2384	6	31.9	−48	2.1	9.2	1 v
301	−47°	2561	6	41.7	−47	5.5	7.5	1 v
302	−46°	2657	6	41.7	−46	43.3	7.6	1 v
303	−46°	2656	6	41.6	−46	48.2	7.9	1 v
304	−46°	2646	6	41.3	−46	45.9	9.5	1 v
305	−46°	2658	6	41.8	−46	34.2	9.1	1 v
306	−46°	2663	6	42.2	−46	48.0	8.6	1 v
307	−47°	2565	6	42.0	−47	2.4	9.8	1 v
308	−46°	2668	6	42.8	−46	22.4	9.7	1 v
309	−45°	2723	6	41.1	−45	26.0	8.9	1 v
310	−46°	2617	6	38.9	−46	19.2	9.7	1 v
311	−46°	2611	6	38.6	−46	21.1	8.7	1 v
312	−46°	2596	6	37.1	−46	15.6	9.2	1 v
313	−46°	2587	6	36.2	−46	31.6	9.6	1 v
314	−47°	2501	6	35.4	−47	11.8	9.4	1 v
315	−47°	2496	6	34.9	−47	30.3	9.2	1 v
316	−47°	2490	6	34.5	−47	39.1	9.5	1 v
317	−47°	2487	6	34.1	−47	37.0	9.7	1 v
318	−47°	2475	6	33.4	−47	41.3	9.3	1 v
319	−47°	2497	6	35.0	−47	15.6	9.1	1 v
320	−47°	2495	6	34.8	−47	3.4	8.7	1 v
321	−46°	2565	6	34.9	−46	52.1	9.6	1 v
322	−46°	2558	6	34.1	−46	47.3	9.7	1 v
323	−46°	2571	6	35.2	−46	24.1	9.3	1 v
324	−45°	2674	6	37.3	−45	38.0	9.4	1 v

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Friday, Feb. 7 1913.

B 3841 4 short disp.

hr.	Int.	Class	Remark
325	2	Ko	
326	4	K8	
327	2	Ko	
328	2	Ao	
329	2	Fo	
330	2	K0	
331	2	K2	
332	2	F8	
333	2	F8	
334	2	G5	
335	4	G5	
336	7	G5	
337	3	A2	
338	2	G	
339	3	G0	
340	2	G5	
341	2	K0	
342	1	Ma	
343	2	G0	
344	3	F8	
345	4	F E.	
346	3	A0	
347	3	F8	
348	4	F5	
349	3	F8	
350	2	K5	
351	2	K0	

325	-45°	2681	6	37.8	-45	26.0	9.4	1 ✓
326	-45°	2691	6	38.9	-45	14.2	9.4	1 ✓
327	-45°	2697	6	39.2	-45	15.2	9.3	1 ✓
328	-45°	2703	6	39.6	-45	7.0	9.9	1 ✓
329	-45°	2698	6	39.3	-45	39.8	9.7	1 ✓
330	-44°	2928	6	44.9	-44	38.2	9.5	1 ✓
331	-45°	2750	6	44.3	-45	5.0	9.5	1 ✓
332	-46°	2752	6	50.7	-46	40.7	9.8	1 ✓
	~~-46°~~	~~2558~~	~~6~~	~~34.1~~	~~-46~~	~~47.3~~	~~9.7~~	
333	-47°	2666	6	50.9	-47	0.5	9.9	1 ✓
334	-47°	2663	6	50.7	-47	32.8	9.6	1 ✓
335	-47°	2445	6	30.5	-47	13.0	9.2	1 ✓
336	-47°	2441	6	30.1	-47	24.0	8.2	1 ✓
337	-47°	2439	6	30.1	-47	54.5	9.7	1 ✓
338	-46°	2490	6	29.0	-46	52.8	9.2	1 ✓
339	-46°	2455	6	26.2	-46	44.1	9.1	1 ✓
340	-46°	2450	6	25.9	-46	48.5	9.1	1 ✓
	-47°	86		25.4	-47	45.6	9.4	✓
341	~~-48°~~	~~2354~~	~~6~~	~~28.9~~	~~-48~~	~~34.5~~	~~9.5~~	1 -47° = 2367 m.p. 9.4 superposed.
342	-49°	2294	6	27.9	-49	1.3	9.6	1 ✓
343	-48°	2354	6	28.9	-48	34.5	9.5	1 ✓
344	-50°	2274	6	30.6	-50	17.4	9.4	1 ✓
345	-51°	1957	6	29.4	-51	4.9	8.8	1 ✓
346	-51°	2002	6	34.2	-51	54.7	9.2	1 ✓
347	-50°	2329	6	36.8	-50	57.2	9.4	1 ✓
348	-50°	2350	6	38.7	-50	53.0	9.2	1 ✓
349	-51°	2053	6	40.6	-51	13.6	9.6	1 ✓
350	-51°	2058	6	41.5	-51	11.3	9.5	1 ✓
351	-51°	2060	6	41.7	-51	28.1	9.3	1 ✓

Cards made out.

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Friday, Feb 7, 1913.

B38414 about disp

Hrs.	Int.	Class	Remark
352	3	K5	
353	1	Ma	" "
354	4	F8	
355	2	Mc	
356	2	A	E.
357	2	Mb	E.
358	5	F0	
359	5	F0	
360	4	A0	
361	5	A2	
362	2	A	E. wp of line
363	2	A2	
364	3	K5	
365	3	F0	
366	4	F0	
367	3	A2	
368	4	F0	
369	4	K0	
370	3	K2	
371	3	K2	
372	2	K5	
373	2	F8	
374	2	F2	Two centers of two.
375	1	K0	
376	1	K2	
377	4	A0	
378	3	G5	

352	-50°	2374	6	41.7	-50	58.3	8.7	∧∨
353	-50°	2375	6	41.8	-50	50.0	9.6	∧∨
354	-51°	2047	6	40.1	-51	40.5	9.4	∧∨
355	-52°	979	6	38.0	-52	18.8	9.2	∧∨
356	-52°	980	6	38.5	-52	50.2	8.6	∧∨
357	-52°	986	6	40.8	-52	53.9	9.2	∧∨
358	-52°	997	6	42.6	-52	21.6	8.4	∧∨
359	-52°	1004 997	6	45.1 ~~42.6~~	-52	22.3 ~~21.6~~	8.5 ~~8.4~~	∧∨
360	-52°	1012	6	46.6	-52	26.4	8.6	∧∨
361	-53°	1160	6	45.2	-53	2.3	8.3	∧∨
362	-52°	1009 1008	6	46.2 46.2	-52 -52	53.9 50.2	9.0 9.0	∨ -52 2400 Sept 1911
363	-52°	1020	6	48.1	-52	51.9	9.0	∧∨
364	-52°	1018	6	48.1	-52	18.7	8.9	∧∨
365	-52°	1029	6	50.3	-52	15.1	8.8	∧∨
366	-52°	1028	6	50.3	-52	2.2	8.9	∧∨
367	-51°	2119	6	48.6	-51	39.5	9.7	∧∨
368	-51°	2133	6	49.8	-51	36.9	9.3	∧∨
369	-51°	2139	6	50.3	-51	43.9	8.5	∧∨
370	-51°	2149	6	50.9	-51	52.5	8.7	∧∨
371	-52°	1031	6	51.6	-52	4.7	8.8	∧∨
372	-50°	2412	6	46.6	-50	49.0	8.7	∧∨
373	-50°	2416	6	46.9	-50	48.0	9.4	∧∨
374	-51°	2110	6	47.3	-51	0.7	9.4	∧∨
375	-50°	2403	6	46.5	-50	36.0	9.7	∧∨
376	-51°	2166	6	52.7	-51	20.2	9.6	∧∨
377	-51°	2168	6	52.8	-51	14.9	9.5	∧∨
378	-51°	2173	6	53.4	-51	27.7	9.4	∧∨

cards made out.

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Friday. Feb. 7. 1913.

B 38414 short exp

No.	Int.	Class	Remark
379	4	fp5	
380	2	A2	
381	3	A0	
382	3	A0	
383	1	[illegible]	
384	2	fp	
385	2	A0	
386	3	F5	
387	3	A	
388	2	F0	
389	2	F0	
390	6	A0 E.	
391	3	F0	
392	3	fp E.	Time: 11.15
393	3	F0	Nearly all superposed 394
394	10	K8	
395	10+	fp	Burned out. Maybe F.
396	5	A5	
397	4	A7	
398	6	F6	
399	7	A3	

379	−51°	2201	6	56.0	−51	31.1	9.2		^ v
380	−50°	2507	6	56.8	−50	36.8	9.6		^ v
381	−50°	2518	6	58.0	−50	26.0	9.5		^ v
382	−50°	2527	6	58.9	−50	59.5	9.5		^ v
383	−50°	2533	6	59.5	−50	41.4	9.5		^ v
384	−51°	2245	6	59.5	−51	17.0	9.5		^ v
385	−51°	2257	6 & 7	1.3 0.4	−51	2.5	9.3		^ v
386	−51°	2287	7	2.5	−51	11.5	9.0		^ v
387	−51°	2295	7	3.2	−51	25.1	9.0	9.3 −51° 2294 superposed	^
388	−51°	2300	7	3.7	−51	6.5	8.7		^ v
389	−50°	2566	7	2.7	−50	36.8	8.9		^ v
390	−50°	2577	7	3.8	−50	26.0	8.7		^ v
391	−51°	2325	7	5.8	−51	57.3	8.8		^ v
392	−52°	1089	7	6.0	−52	10.1	8.6		^ v
393	−50°	2357	6 7	39.6 38.6	−50	20.2	9.5		^ v
394	−50°	2357	6	39.7	−50	19.8	7.0		^ v
395	−50°	2415	6	46.8	−50	28.0	3.2		^ v

Identified by J. C. M. Sept. 29, 1913

Checked Oct 9 1913 WAW

Cards made out by E.R.B.

Cards checked by A.M.C.

✓	396	−50°	2320	6	36.2	−50	49	8.3	3 on B10697
✓	397	−50°	2517	6	57.9	−50	56	9.1	16 " "
✓	398	−51	1980	6	31.8	−51	7	8.3	8 " "
✓	399	−51	1998	6	33.7	−51	19	8.4	2 " "

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Thursday. Feb. 27. 1913.

Time: 10.52 B24598 short disp.

No.	Int.	Class	Remark
1	8	B0	
2	4	A0	
3	6	A0	
4	5	B8	
5	3	A0	
6	7	B3	
7	6	B8	
8	5	A0	
9	6	F8	
10	3	A3	
11	6	A0	
12	2	A2	
13	3	B8	
14	8	K5	
15	1	A	
16	3	A2	
17	5	K5	
18	9	B3	
19	6	A0	
20	3	K0	
21	2	A0	
22	2	K2	
23	3	A0	
24	2	A0	
25	7	A0	
26	5	A0	
27	4	A0	

1	-49°	3306	7	59.9	-49	8.8	7.5	✓
2	-49°	3307	7	59.9	-49	36.0	9.3	✓
3	-49°	3316	8	0.6	-49	33.3	8.8	✓
	-49°	3305	7	59.8	-49	59.0	9.2	
4	-49°	3244	7	55.7	-49	37.9	9.0	✓
5	-50°	3121	7	59.5	-50	4.3	9.5	✓
6	-50°	3118	7	59.2	-50	16.2	9.1	✓
7	-50°	3115	7	58.6	-50	10.8	8.7	✓
8	-50°	3122	7	59.6	-50	11.6	9.4	✓
9	-50°	3125	8	0.0	-50	5.5	8.2	✓
10	-50°	3131	8	0.5	-50	30.8	9.4	✓
11	-50°	3137	8	1.2	-50	20.4	8.3	✓
12	-50°	3149	8	2.4	-50	52.3	9.9	✓
13	-50°	3166	8	3.7	-50	31.9	9.6	✓
14	-50°	3167	8	4.0	-50	44.8	8.1	✓
15	-50°	3170	8	4.3	-50	37.3	10	✓
16	-50°	3169	8	4.2	-50	6.3	9.6	✓
17	-50°	3175	8	4.7	-50	0.4	8.4	✓
18	-50°	3180	8	5.2	-50	7.4	8.2	✓
19	-50°	3182	8	5.5	-50	9.1	8.7	✓
20	-50°	3183	8	5.7	-50	10.1	8.7	✓
21	-49°	3355	8	3.7	-49	46.3	9.7	✓
22	-49°	3368	8	4.9	-49	47.5	9.4	✓
23	-49°	3375	8	5.7	-49	37.2	9.8	✓
	-49°	3378	8	5.8	-49	35.4	10	
24	-49°	3376	8	5.7	-49	53.1	10	✓
25	-49°	3382	8	6.0	-49	51.3	9.2	✓
26	-49°	3389	8	6.6	-49	38.8	9.4	✓
27	-49°	3388	8	6.4	-49	29.1	9.0	✓

Cards made out

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Thursday, Feb. 27, 1913.
B 2459 short clusts.

No.	Int.	Class	Remark
28	3	Kr	
29	5	Ao	
30	4	Ao	
31	8	B9	
32	6	B9	
33	4	Neb	
34	7	B9	
35	4	Fo	
36	4	Ao	
37	2	Neb.	
38	10	Ao	
39	3	Ao	
40	21	A3	
41	1	Kr	
42	7	B5	
43	4	A2	
44	8	Fo	
45	2	B8	
46	1	A	
47	2	Kp	
48	5	Fo	
49	6	Ao	
50	5	Kp	
51	8	Fo	
52	2	B9	
53	2	Ao	
54	2	A2	

28	−49°	3389	8	6.6	−49	38.8	8.9	✓
29	−49°	3383	8	6.0	−49	14.6	9.3	✓
30	−49°	3393	8	6.9	−49	10.5	9.5	✓
31	−49°	3370	8	5.0	−49	7.9	8.3	✓
32	−49°	3369	8	5.0	−49	18.8	9.1	✓
33	−48°	3497	8	3.9	−48	54.6	8.0	✓
34	−48°	3478	8	2.9	−48	50.5	8.1	✓
35	−49°	3338	8	2.7	−49	1.2	9.2	✓
36	−49°	3332	8	1.9	−49	1.5	9.3	✓
37	−49°	3399	8	7.7	−49	39.8	8.8	✓
38	−49°	3403	8	8.0	−49	41.6	7.4	✓
39	−50°	3194	8	7.4	−50	6.3	9.5	✓
40	−50°	3188	8	6.9	−50	18.9	9.9	✓
41	−50°	3192	8	7.3	−50	21.9	9.4	✓
42	−50°	3193	8	7.4	−50	49.2	8.1	✓
43	−50°	3200	8	8.3	−50	50.2	9.3	✓
44	−51°	2863	8	6.5	−51	11.2	9.6	✓
45	−51°	2869	8	5.8	−51	1.4	9.7	✓
46	−51°	2856	8	5.5	−51	9.7	10	✓
47	−51°	2849	8	4.4	−51	13.0	9.4	✓
48	−51°	2850	8	4.6	−51	18.0	9.0	✓
49	−51°	2851	8	4.6	−51	22.5	9.1	✓
50	−51°	2839	8	3.5	−51	26.7	8.6	✓
51	−51°	2840	8	3.6	−51	34.7	7.3	✓
52	−51°	2838	8	3.2	−51	39.5	9.5	✓
53	−51°	2853	8	5.1	−51	49.3	9.9	✓
54	−51°	2855	8	5.4	−51	33.0	9.9	✓

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Thursday, Feb. 27, 1913.
B24598 short exp.

No.	Int	Class	Remark
55	2	A3	
56	1	M5	(Was a bright star)
57	5	A2	
58	3	A5	
59	5	B9	
60	5	B8	
61	2	M2	
62	3	F0	
63	5	K5	
64	5	B9	
65	6	B9	
66	1	K5	
67	1	F0	
68	4	A0	
69	4	F5	
70	3	A2	
71	1	M5	
72	7	A0	
73	5	B8	
74	5	A2	
75	3	M2	
76	1	M5	
77	1	A0	
78	1	G0	
79	5	K2	
80	3	K0	
81	2	A2	

55	-51°	2857	8	5.5	-51	40.3	9.9	✓
66	-51°	2860	8	6.0	-51	37.8	9.3	✓
67	-51°	2867	8	7.1	-51	48.6	9.5	✓
68	-52°	1395	8	6.2	-52	0.5	9.3	✓
69	-52°	1384	8	4.7	-52	26.1	8.6	✓
60	-52°	1389	8	5.6	-52	30.9	8.6	✓
61	-52°	1390	8	5.7	-52	38.0	9.4	✓
62	-52°	1387	8	5.5	-52	49.9	9.3	✓
63	-52°	1397	8	6.6	-52	52.9	8.9	✓
64	-52°	1403	8	7.3	-52	31.8	8.8	✓
65	-52°	1405	8	7.6	-52	24.7	8.7	✓
66	-52°	1407	8	7.9	-52	32.3	9.6	✓
67	-52°	1406	8	7.7	-52	0.9	9.6	✓
68	-51°	2885	8	9.3	-51	53.3	9.4	✓
69	-51°	2892	8	9.8	-51	22.0	9.3	✓
70	-51°	2895	8	10.0	-51	29.6	9.8	✓
71	-51°	2897	8	10.5	-51	31.0	9.6	✓
72	-51°	2916	8	12.0	-51	12.6	9.2	✓
73	-51°	2923	8	12.9	-51	33.3	9.2	✓
74	-51°	2930	8	13.7	-51	18.8	9.6	✓
75	-51°	2924	8	13.1	-51	4.2	9.2	✓
76	-50°	3217	8	10.4	-50	45.8	9.3	✓
77	-50°	3216	8	10.3	-50	52.4	9.9	✓
78	-50°	3212	8	9.9	-50	43.4	9.8	✓
79	-50°	3208	8	9.2	-50	17.1	8.5-	✓
80	-50°	3209	8	9.4	-50	7.0	9.1	✓
81	-50°	3210	8	9.8	-50	12.5	9.9	✓

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Thursday, Feb. 27, 1913.
B2459 8 short disp.

Tr.	Int.	Class	Remark
82	4	Bg	
83	10	Ma	
84	7	Ko	
85	7	B8	
86	6	A3	
87	3	F2	
88	7	A2	
89	3	A2	
90	3	Ko	
91	4	G5	Partly superposed on 92.
92	4	F8	
93	5	A0	
94	3	F0	
95	2	G5	
96	9	Bg	
97	8	A0	
98	9	B3	
99	7	A0	
100	9	A2	
101	8	Bg	
102	4	F0	
103	2	A	Partly superposed on 104.
104	5	F0	
105	3	A2	
106	3	A2	
107	8	B8	
108	2	A2	

82	-50°	3215	8	10.3	-50	10.3	9.7	✓
83	-49°	3430	8	10.0	-49	49.2	6.0	✓
84	-49°	3426 37	8	10.4 9.3	-49	56.0 51.8	.1 8.6	✓
85	-49°	3442	8	10.7	-49	59.2	9.0	✓
86	-50°	3219	8	10.8	-50	7.1	9.1	✓
87	-49°	3428	8	9.8	-49	57.7	9.3	✓
88	-49°	3426	8	9.3	-49	51.8	8.6	✓
89	-49°	3420	8	9.0	-49	46.7	10	✓
90	-49°	3416	8	8.7	-49	54.0	8.7	✓
91	-49°	3413	8	8.6	-49	27.2	8.6	✓
92	-49°	3414	8	8.6	-49	29.7	8.6	✓
93	-49°	3424	8	9.2	-49	25.8	9.2	✓
94	-49°	3435	8	10.3	-49	21.8	9.5	✓
95	-49°	3436	8	10.3	-49	10.3	9.2	✓
96	-48°	3620	8	10.4	-48	51.2	8.5	✓
97	-48°	3622	8	10.5	-48	40.1	8.6	✓
98	-48°	3633	8	11.5	-48	48.1	8.1	✓
99	-48°	3638	8	11.8	-48	40.0	8.4	✓
100	-48°	3642	8	12.0	-48	52.7	7.9	✓
101	-48°	3647	8	12.3	-48	47.8	8.5	✓
102	-48°	3603	8	9.3	-48	38.2	9.6	✓
103	-48°	3596	8	8.8	-48	56.5 2	9.7 10	✓
104	-49°	3417	8	8.8	-49	4.3	9.0	✓
105	-49°	3405	8	8.2	-49	10.3	9.7	✓
106	-48°	3583	8	7.7	-48	49.9	9.9	✓
107	-48°	3574	8	7.3	-48	54.9	8.3	✓
108	-48°	3577	8	7.4	-48	38.0	9.7	✓

Cards made out.

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Thursday. Feb. 27. 1913.

B2459 & short exps.

No	Int.	Class	Remark
109	8	A0	
110	7	A5	
111	6	A0	
112	4	A0	
113	8	A3	
114	2	Ma	
115	3	F5	
116	6	A0	
117	4	A0	
118	9	B5	
119	8	B8	
120	2	A2	Party superposed on 119.
121	3	F0	
122	4	A0	
123	2	A3	
124	4	B9	
125	1	F2	
126	1	A2	
127	4	G5	
128	2	A3	Party superposed on 127.
129	2	A2	
130	2	G5	
131	8	F0	
132	2	F0	
133	5	F0	
134	2	F5	
135	2	G5	

109	-48°	3572	8	7.2	-48	28.9	9.3	✓
110	-48°	3561	8	6.8	-48	27.5	8.5	✓
111	-48°	3566	8	7.0	-48	16.9	9.5	✓
112	-48°	3532	8	6.1	-48	19.0	9.7	✓
113	-47°	3658	8	6.3	-47	57.9	8.7	✓
114	-47°	3643	8	5.4	-47	53.9	9.3	✓
115	-49°	3440	8	10.7	-49	35.2	9.4	✓
116	-49°	3446	8	11.1	-49	36.0	9.2	✓
117	-49°	3453	8	11.6	-49	45.0	9.3	✓
118	-49°	3456	8	12.0	-49	36.6	8.0	✓
119	-49°	3470	8	13.0	-49	30.4	8.6	✓
120	-49°	3471	8	13.0	-49	34.5	9.3	✓
121	-49°	3472	8	13.0	-49	41.0	9.3	✓
122	-49°	3475	8	13.3	-49	21.3	9.5	✓
123	-49°	3477	8	13.6	-49	13.6	9.6	✓
124	-48°	3656	8	13.0	-48	52.7	9.5	✓
125	-48°	3648	8	12.4	-48	58.1	9.0	✓
126	-49°	3454	8	11.8	-49	5.5	9.8	✓
127	-48°	3670	8	13.9	-48	44.7	9.5	✓
128	-48°	3671	8	14.0	-48	48.6	9.7	✓
129	-48°	3676	8	14.4	-48	35.9	9.9	✓
130	-48°	3682	8	14.9	-48	31.1	9.6	✓
131	-49°	3495	8	16.0	-49	8.7	7.5	✓
132	-49°	3496	8	16.1	-49	18.2	9.5	✓
133	-49°	3492	8	15.5	-49	52.8	9.4	✓
134	-49°	3479	8	13.8	-49	51.7	9.4	✓
135	-49°	3483	8	14.1	-49	56.3	9.3	✓

magn 10 -47° 3644 superposed

cards made out.

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Thursday. Feb. 27, 1913.

13 24598 short disp.

No	Int	Class	Remark
136	2	F0	
137	4	B8	
138	8	A2	
139	1	G	
140	2	F8	
141	7	A2	
142	2	G5	
143	5	K3	
144	1	A3	
145	5	G0	
146	7	A0	
147	2	F5G	
148	6	F0	Party superposed on 149.
149	7	F0	" " " 148.
150	5	B9	
151	7	B9	
152	7	B9	
153	9	F8	
154	3	A2	
155	1	F5	
156	2	A0	
157	1	K0	
158	8	A0	
159	3	F0	
160	5	F0	
161	7	A0	
162	2	A5	

136	-50°	3237	8	13.1	-50	8.9	9.7	✓ mean. 10 -50° 3238 superposed
137	-50°	3225	8	11.6	-50	3.4	9.4	✓
138	-50°	3227	8	11.8	-50	4.0	7.0	✓
139	-50°	3236	8	12.8	-50	29.0	9.4	✓
140	-50°	3242	8	13.5	-50	13.2	9.6	✓
141	-50°	3264	8	15.8	-50	17.6	8.6	✓
142	-50°	3266	8	16.1	-50	16.4	9.3	✓
143	-49°	3502	8	16.9	-49	55.1	9.3	✓
144	-49°	3504	8	17.5	-49	47.4	9.4	✓
145	-50°	3271	8	16.5	-50	29.4	8.6	✓
146	-50°	3275	8	16.7	-50	34.2	8.3	✓
147	-50°	3274	8	16.7	-50	54.5	9.8	✓
148	-51°	2955	8	16.9	-51	6.2	9.3	✓
149	-51°	2957	8	16.9	-51	6.1	8.7	✓
150	-51°	2958	8	17.1	-51	13.2	9.5	✓
151	-51°	2962	8	17.5	-51	9.0	8.9	✓
152	-51°	2964	8	17.7	-51	18.0	8.9	✓
153	-50°	3284	8	17.8	-50	59.5	8.4	✓
154	-50°	3287	8	17.9	-50	53.0	9.9	✓
155	-50°	3283	8	17.8	-50	38.0	9.9	✓
156	-50°	3285	8	17.8	-50	21.2	9.7	✓
157	-50°	3300	8	19.2	-50	32.4	9.4	✓
158	-50°	3298	8	19.2	-50	57.9	8.6	✓
159	-50°	3306	8	19.5	-50	57.6	9.5	✓
160	-50°	3307	8	19.8	-50	13.6	9.0	✓
161	-49°	3517	8	19.2	-49	38.3	8.8	✓
162	-49°	3515	8	19.0	-49	25.0	9.8	✓

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Thursday Feb. 27. 1913.

B 24598 about drifts.

No.	Int.	Class	Remark
163	2	F0	
164	5	B9	
165	2	Q0	
166	4	Q2	
167	2	Q2	
168	1	Q0	
169	2	Q2	
170	3	F2	
171	2	F2	
172	3	Q5	
173	2	K2	
174	4	K0	
175	4	F5	
176	2	F5	
177	1	G	
178	2	G0	
179	4	Q2	
180	1	F2	
181	3	Q5	
182	3	K5	
183	2	G5	
184	4	K5	
185	4	F2	
186	4	G0	
187	3	K0	
188	5	Q0	
189	5	Q5	

163	-49°	3520	8	19.5	-49	14.8	9.6	✓
164	-49°	3528	8	20.3	-49	1.5	8.6	✓
165	-49°	3532	8	20.6	-49	23.0	9.8	✓
166	-49°	3537	8	21.0	-49	33.6	9.4	✓
167	-49°	3526	8	20.1	-49	45.2	9.7	✓
168	-49°	3534	8	20.9	-49	54.4	8.7	✓
169	-49°	3538	8	21.2	-49	42.2	9.7	✓
170	-49°	3545	8	21.7	-49	56.2	9.6	✓
171	-50°	3327	8	21.8	-50	30.6	9.2	✓
172	-50°	3319	8	20.7	-50	57.6	9.6	✓
173	-51°	2984	8	19.7	-51	20.1	9.4	✓
174	-51°	2985	8	19.8	-51	32.1	9.2	✓
175	-51°	2973	8	18.8	-51	40.2	9.6	✓
176	-51°	2972	8	18.5	-51	19.6	9.8	✓
177	-51°	2974	8	18.2	-51	44.7	10	✓
178	-52°	1447	8	18.6	-52	7.0	9.3	✓
179	-52°	1448	8	18.8	-52	12.1	9.2	✓
180	-52°	1451	8	19.2	-52	10.5	8.6	✓
181	-51°	2983	8	19.6	-51	59.1	9.9	✓
182	-52°	1455	8	20.0	-52	0.8	9.4	✓
183	-51	2989	8	20.5	-51	58.0	10	✓
184	-52°	1457	8	20.4	-52	8.7	9.2	✓
185	-52°	1463	8	21.2	-52	13.6	9.3	✓
186	-52°	1464	8	21.4	-52	16.0	9.0	✓
187	-52°	1469	8	22.1	-52	15.6	9.3	✓
188	-51°	3016	8	22.7	-51	50.0	9.4	✓
189	-51°	3013	8	22.4	-51	34.9	9.6	✓

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Thursday, Feb. 27, 1913.
B24598 shot amp.

No.	Int.	Class	Remark
190	2	H0	
191	1	H2	
192	3	H2	
193	6	B9	
194	8	A0	
195	9	F0	
196	6	B9	
197	9	B9	
198	4	G5	
199	2	H2	
200	7	F2	
201	2	H2	
202	4	F8	
203	3	F0	
204	3	A2	
205	2	K5	
206	1	G	
207	4	G0	
208	6	F8	
209	2	F2	[Vanity superposed on 208.]
210	1	G0	
211	2	G5	
212	3	A0	
213	2	K0	
214	2	G0	
215	4	K5	
216	2	F2	

190	-51°	3009	8	22.2	-51	36.2	9.5	✓
191	-51°	3010	8	22.2	-51	6.6	9.7	✓
192	-50°	3334	8	22.2	-50	49.0	9.2	✓
193	-50°	3343	8	22.9	-50	59.1	8.6	✓
194	-51°	3023	8	23.3	-51	5.3	8.5	✓
195	-51°	3026	8	23.5	-51	3.6	8.0	✓
196	-51°	3028	8	23.5	-51	8.3	9.1	✓
197	-51°	3031	8	24.0	-51	10.8	8.3	✓
198	-51°	3030	8	23.8	-51	28.6	9.2	✓
199	-51°	3036	8	24.3	-51	19.5	9.8	✓
200	-51°	3045	8	25.0	-51	7.6	8.8	✓
201	-52°	1415	8	10.9	-52	34.3	9.6	✓
202	-52°	1418	8	11.2	-52	25.3	9.0	✓
203	-52°	1420	8	11.5	-52	22.9	9.3	✓
204	-52°	1421	8	11.7	-52	14.9	9.4	✓
205	-52°	1422	8	12.0	-52	11.1	9.4	✓
206	-52°	1423	8	12.2	-52	17.5	9.6	✓
207	-52°	1414	8	10.5	-52	0.1	9.3	✓
208	-51°	2907	8	11.4	-51	59.0	9.4	✓
209	-52°	1419 (2908)	8	11.5	-52 (59.0)	0.9	9.8	✓
210	-51°	2919	8	11.7	-51	49.4	9.7	✓
211	-51°	2925	8	13.2	-51	58.0	9.9	✓
212	-52°	1428	8	13.3	-52	5.0	9.4	✓
213	-51°	2939	8	15.0	-51	55.8	9.7	✓
214	-52°	1438	8	15.7	-52	9.7	9.4	✓
215	-51°	2948	8	16.1	-51	56.5	9.7	✓
216	-52°	1439	8	16.4	-52	18.7	9.4	✓

cards made out.

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Thursday, Feb. 27, 1913.
B 2459 8 short disp.

No.	Int.	Class	Remark
217	6	A0	
218	7	F5	
219	4	F2	Acustico stem superposed at north?
220	3	A2	
221	7	F0	
222	6	F0	
223	5	F2	
224	6	F5	
11.30 Feb. 28 10. 226	225	6	A2
	226	3	K5 E.
	227	3	M0 E.
	228	4	G E.
	229	5	G E.
	230	7	A3 E.
	231	4	F8
	232	2	A2 E.
	233	2	A E.
	234	3	A5 E.
	235	6	F5
	236	3	A2
	237	2	G0 Partly superposed on 235.
	238	1	A2
	239	3	A5
	240	2	A0
	241	1	K
	242	2	K0
	243	3	M0

217	-52°	1433	8	14.0	-52	44.1	8.8	✓
218	-53°	1595	8	13.0	-53	6.2	8.4	✓
219	-53°	1618	8	16.5	-53	12.4	9.4	✓ -53° 1620 superposed Mayo 9.7
220	-53°	1628	8	16.9	-53	6.5	9.6	✓
221	-53°	1625	8	16.7	-53	17.6	8.7	✓
222	-53°	1621	8	16.5	-53	30.3	8.7	✓
223	-53°	1627	8	16.8	-53	31.6	8.8	✓
224	-53°	1637	8	17.9	-53	20.8	8.8	✓
225	-53°	1647	8	19.1	-53	27.4	8.8	✓
226	-50°	3012	8.7	47.9	-50	6.6	8.6	✓
227	-50°	3013	8.7	48.1	-50	13.9	9.2	✓
228	-49°	3128	7	48.7	-49	46.6	8.6	✓
229	-49°	3130	7	48.8	-49	31.0	8.8	✓
230	-51°	2742	7	49.4	-51	14.0 5.1	8.0 8.0	✓
231	-51°	2737	7	49.1	-51	29.5	9.2	✓
232	-51°	2733	7	48.6	-51	44.0	9.7	✓
233	-51°	2743	7	49.5	-51	34.6	10	✓
234	-51°	2747	7	49.8	-51	48.5	9.7	✓
235	-51°	2757	7	51.0	-51	55.8	8.6	✓
236	-51°	2761	7	51.3	-51	53.2	9.3	✓
237	-52°	1330	7	50.8	-52	1.6	9.3	✓
238	-52°	1312	7	49.6	-52	8.0	8.5	✓
239	-51°	2783	7	51.5	-51	17.7	9.4	✓
240	-51°	2755	7	50.7	-51	3.4	9.6	✓
241	-50°	3042	7	51.4	-50	55.4	9.2	✓
242	-50°	3051	7	52.2	-50	50.4	9.6	✓
243	-50°	3064	7	53.8	-50	45.0	9.0	✓

Cards made out.

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Friday, Feb. 28, 1913.

B 2459 short disp.

Ser.	Ent.	Class	Remarks
244	2	A0	
245	2	F0	
246	2	A0	
247	3	F8	
248	6	A2	
249	1	A	
250	4	A0	
251	3	F2	
252	3	F8	
253	3	F0	
254	7	A2	
255	1	G5	
256	6	K8	
257	6	G5	
258	4	G0	
259	8	F0	
260	1	G5	
261	2	K8	
262	1	F0	
263	10	K	Burned out.
264	1	G	
265	4	F8	
266	7	A3	
267	4	F0	
268	1	A	
269	7	A0	
270	8	A2	

244	-50°	3069	7	54.3	-50	29.2	9.6	✓
245	-50°	3074	7	54.7	-50	22.7	9.4	✓
246	-50°	3071	7	54.6	-50	2.4	9.7	✓
247	-50° 49'	3237	7	55.4	-50 49'	54.2	9.6	✓
248	-51°	2768	7	52.7	-51	19.0	8.7	✓
249	-51°	2782	7	54.9	-51	33.7	9.9	✓
250	-51°	2789	7	55.5	-51	29.0	9.6	✓
251	-51°	2796	7	56.4	-51	24.4	9.5	✓
252	-51°	2803	7	57.1	-51	10.0	9.6	✓
253	-50°	3105	7	57.4	-50	51.7	9.5	✓
254	-51°	2805	7	57.5	-51	20.2	8.9	✓
255	-51°	2798	7	56.7	-51	46.9	9.5	✓
256	-52°	1363	7	57.3	-52	0.6	8.8	✓
257	-52°	1365	7	58.4	-52	4.6	8.8	✓
258	-52°	1366	7	59.2	-52	7.3	8.9	✓
259	-52°	1368	7	59.5	-52	13.4	8.3	✓
260	-51°	2819	7	59.9	-51	26.0	9.6	✓
261	-51°	2823	8	0.4	-51	22.5	9.6	✓
262	-51°	2818	7	59.6	-51	9.2	9.3	✓
263	-52°	1376	8	1.8	-52	44.9	7.6	✓
264	-52°	1375	8	1.1	-52	48.0	9.4	✓
265	-52°	1369	7	59.7	-52	58.2	9.0	✓
266	-53°	1516	7	59.8	-53	5.7	8.4	✓
267	-53°	1507	7	58.3	-53	7.4	9.2	✓
268	-52°	1362	7	57.2	-52	43.2	9.6	✓
269	-52°	1357	7	56.6	-52	46.4	8.8	✓
270	-52°	1356	7	56.3	-52	56.0	8.8	✓

cards made out.

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Friday, Feb. 28, 1913.

B 24598 clear thick.

No.	Int.	Class	Remark
271	2	Q2	
272	1	F5	
273	3	F0	
274	2	Q2	
275	6	F8	
276	4	K4	
277	5	K0	
278	7	K0	
279	2	K0	
280	1	F0	
281	2	G	
282	2	A8	
283	1	A	Partly superposed on 282.
284	8	K0	
285	8	K0	
286	8	F0	
287	5	G5	
288	5	Q2	
289	2	G5	
290	8	K0	
291	7	Q5	
292	6	K5	
293	6	A0	
294	6	K4	
295	8	K0	
296	6	G5	
297	3	A0	

271	-52°	1364	7	58.3	-52	20.9	9.4	✓
272	-52°	1359	7	56.8	-52	15.3	9.4	✓
273	-52°	1350	7	55.7	-52	0.8	9.2	✓
274	-52°	1345	7	54.8	-52	16.0	9.6	✓
275	-52°	1342	7	53.2	-52	7.5	8.8	✓
276	-52°	1338	7	52.6	-52	24.7	8.9	✓
277	-52°	1337	7	52.5	-52	46.9	8.8	✓
278	-53°	1480	7	52.3	-53	17.5	8.4	✓
279	-53°	1485	7	53.6	-53	3.9	9.4	✓
280	-53°	1490	7	54.4	-53	8.2	9.4	✓
281	-53°	1481	7	52.4	-53	26.7	9.2	✓
282	-53°	1489	7	54.4	-53	37.0	9.2	✓
283	-53°	1487	7	54.3	-54	41.7	9.5	✓
284	-54°	1453	7	55.5	-54	13.7	8.2	✓
285	-54°	1456	7	56.1	-54	12.3	8.3	✓
286	-53°	1509	7	58.6	-53	41.1	9.2	✓
287	-53°	1518	8	0.1	-53	39.5	8.6	✓
288	-53°	1522	8	0.6	-53	50.2	8.6	✓
289	-53°	1525	8	1.2	-53	39.8	9.4	✓
290	-54°	1494	8	1.2	-54	7.2	8.2	✓
291	-53°	1529	8	2.3	-53	55.2	8.4	✓
292	-53°	1533	8	3.2	-53	41.0	8.5	✓
293	-53°	1538	8	4.0	-53	19.2	8.5	✓
294	-53°	1539	8	4.4	-53	7.6	8.4	✓
295	-53°	1541	8	4.5	-53	42.0	7.8	✓
296	-53°	1547	8	6.4	-53	10.5	8.6	✓
297	-53°	1551	8	6.8	-53	5.4	9.2	✓

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B2459 photog. disp.

No.	Int.	Class	Remarks
298	4	A2	
299	2	F5	
300	4	A0	
301	10	F0	
302	3	F2	Partly superposed on 301.
303	3	K0	
304	3	K5	
305	4	B9	
306	5	A0	
307	4	A0	
308	7	F5	
309	3	K2	Partly superposed on 310.
310	2	K0	
311	2	F8	
312	2	F5	
313	4	K5	
314	2	K0	
315	3	K5	
316	5	F8	
317	3	F2	Partly superposed on 316.
318	7	A0	
319	9	A0	
320	3	K0	Small mass of feculous intensity probably belongs to spectra of −52° 1459
321	2	A0	
322	1	G	
323	3	K0	
324	2	A2	

298	−53°	1547	8	8.6	−53	30.9	8.9	✓
299	−53°	1548	8	8.8	−53	24.8	9.4	✓
300	−53°	1568	8	9.8	−53	23.4	9.2	✓
301	−53°	1564	8	9.4	−53	46.3	7.1	✓
302	−53°	1560	8	9.2	−53	50.7	9.2	✓
303	−53°	1567	8	9.8	−53	40.4	9.4	✓
304	−54°	1540	8	8.0	−54	82.9	8.9	✓
305	−54°	1547	8	9.4	−54	25.9	8.8	✓
306	−54°	1556	8	11.2	−54	21.2	8.6	✓
307	−54°	1570	8	13.6	−54	25.7	8.9	✓
308	−54°	1577	8	14.3	−54	6.0	8.5	✓
309	−53°	1599	8	13.4	−53	39.3	9.4	✓
310	−53°	1598	8	13.4	−53	43.3	9.4	✓
311	−53°	1608	8	14.3	−53	58.5	9.2	✓
312	−53°	1611	8	15.3	−53	58.4	9.2	✓
313	−54°	1581	8	16.0	−54	8.8	9.2	✓
314	−53°	1619	8	16.5	−53	45.0	9.4	✓
315	−53°	~~1575~~ 1648	8	~~11.0~~ 19.3	−53	~~21.1~~ 23.0	9.8	✓
316	−52°	1463	8	19.6	−52	58.8	8.7	✓
317	−53°	1649	8	19.5	−53	4.8	8.9	✓
318	−53°	1659	8	20.9	−53	7.0	8.5	✓
319	−53°	1664	8	21.2	−53	19.7	7.6	✓
320	−52°	~~1459~~ 1466	8	20.7	−52	~~46.5~~ 47.6	~~9.6~~ 9.6	✓ mean 9.6 −52° 1459 superposed
321	−52°	1456	8	20.3	−52	33.8	9.3	✓
322	−52°	1452	8	19.3	−52	25.5	9.6	✓
323	−52°	1440	8	17.0	−52	41.0	9.3	✓
324	−53°	1581	8	11.3	−53	7.6	9.4	✓

Cards made out.

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Friday. Feb. 28, 1913.
B24598 shot outfo.

No	Int.	Class	Remark
325	1	Fo	
326	1	A2	
327	2	go	
328	1	F.	
329	3	Fo	
330	3	K5	
331	2	go	
332	8	B5	
333	4	Ao	
334	4	F2	
335	2	Ko	
336	6	go	
337	4	go	
338	3	Ao	
339	2	A2	
340	5	Ko	
341	3	Ao	E.
342	4	Ko	E.
343	3	Fo	
344	8	Ko	
345	2	K5	
346	5	Ko	
347	3	A	E.
348	7	Fo	
349	8	Ao	
350	4	A2	
351	2	Fo	

325	-53°	1572	8	10.6	-53	28.1	9.4	✓
326	-53°	1583	8	11.7	-53	21.0	9.4	✓
327	-53°	1584	8	11.8	-53	59.0	9.4	✓
328	-53°	1594	8	13.0	-53	40.5	9.5	✓
329	-54°	1526	8	6.1	-54	0.1	9.4	✓
330	-54°	1516	8	4.6	-54	3.5	9.4	✓
331	-54°	1521	8	5.4	-54	13.5	9.2	✓
332	-54°	1517	8	4.6	-54	27.6	7.8	✓
333	-54°	1512	8	4.2	-54	34.0	8.4	✓
334	-54°	1507	8	3.4	-54	26.7	8.6	✓
335	-54°	1504	8	2.8	-54	47.9	9.2	✓
336	-54°	1493	8	1.0	-54	26.1	8.6	✓
337	-54°	1491 ~~1330~~	8 X	1.0 ~~50.8~~	-54	20.4 ~~1.6~~	9.3	✓
338	-54°	1479 ~~1312~~	7	59.5 ~~49.6~~	-54	55.5 8.2	8.8	✓
339	-54°	1477	7	59.2	-54	37.4	9.2	✓
340	-54°	1482	7	59.5	-54	41.2	8.9	✓
341	-54°	1483	7	59.5	-54	49.5	8.9	✓
342	-54°	1484	7	59.7	-54	54.2	8.9	✓
343	-54°	1487	8	0.2	-54	57.0	9.2	✓
344	-54°	1465	7	57.3	-54	52.4	8.0	✓
345	-54°	1454	7	55.9	-54	41.9	9.4	✓
346	-54°	1441	7	53.2	-54	43.3	8.4	✓
347	-54°	1434	7	51.8	-54	30.0	8.8	✓
348	-54°	1435	7	52.1	-54	18.6	8.2	✓
349	-54°	1443	7	53.2	-54	1.9	8.0	✓
350	-53°	1482	7	53.0	-53	44.9	8.6	✓
351	-53°	1486	7	53.6	-53	46.0	9.2	✓

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Friday, Feb. 28, 1913.

D24598 short exp.

Nr.	Int.	Class	Remark
352	3	Ao	
353	2	A	
354	5	A	E.
355	4	Ao	
355a	5	A	E.
356	2	Ap	E.
357	2	Bp	
358	2	A	
359	2	Fp	Partly superposed on 360.
360	3	Fo	
361	3	A	E.
362	4	A	E.
363	4	A	E.
364	6	A5	
365	3	A3	E.
366	1	Fp	
367	3	Fp	
368	4	Fo	
369	2	Fp	
370	2	Ao	
371	2	Fp	
372	7	Ao	
373	2	Fp	
374	7	Ao	
375	8	Fp	
376	2	Ao	
377	3	Bp	
378	1	Fo	

352	-54°	1448	7	54.1	-54	6.1	9.2	✓
353	-54°	1452	7	55.1	-54	0.1	9.4	✓
354	-53°	1460	7	49.5	-54	39.8	8.6	✓
355	-53°	1461	7	49.5	-53	52.0	8.6	✓
355a	-53°	1457	7	48.8	-53	0.2	8.6	✓
356	-53°	1454	7	48.6	-53	2.3	8.9	✓
357	-52°	1306	7	48.0	-52	19.1	9.3	✓
358	-52°	1309	7	48.7	-52	2.0	9.3	✓
359	-53°	1473	7	51.2	-53	38.9	9.6	✓
360	-53°	1476	7	51.3	-53	42.7	9.0	✓
361	-55°	1388	7	52.1	-55	1.9	8.8	✓
362	-55°	1392	7	52.4	-55	11.0	8.6	✓
363	-55°	1382	7	51.2	-55	20.3	8.6	✓
364	-55°	1403	7	56.6	-55	30.2	8.2	✓
365	-55°	1404	7	56.0	-55	40.3	8.6	✓
366	-55°	1415	7	57.9	-55	28.0	9.4	✓
367	-55°	1428	7	59.6	-55	35.1	8.8	✓
368	-55°	1429	7	59.7	-55	57.2	8.6	✓
369	-55°	1434	8	0.4	-55	45.4	9.2	✓
370	-55°	1444	8	1.9	-55	17.8	9.4	✓
371	-55°	1443	8	1.8	-55	33.0	9.2	✓
372	-55°	1450	8	3.1	-55	48.4	8.4	✓
373	-55°	1456	8	3.7	-55	54.9	9.2	✓
374	-54°	1514	8	4.6	-54	57.9	8.6	✓
375	-54°	1515	8	4.6	-54	42.1	8.2	✓
376	-54°	1523	8	5.5	-54	33.8	9.2	✓
377	-54°	1530	8	6.7	-54	36.1	9.2	✓
	-54°	1524	8	5.7	-54	57.9	9.4	✓
378	-55°	1465	8	5.9	-55	4.0	8.5	

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Friday, Feb. 28, 1913.

B24598 short exp.

No.	Int.	Class	Remark
379	7	F2	
380	2	F2	
381	3	A0	
382	4	F2	
383	7	F5	
384	2	G5	
385	5	G5	
386	2	A0	
387	1	F2	
388	3	A2	
389	6	G0	
390	2	A3	
391	6	F2	
392	4	F5	
393	2	F5	
394	5	A2	
395	7	K0	
396	7	K0	
397	4	A5	
398	2	K0	
399	3	F5	
400	3	A0	
401	3	K0	
402	5	A0	
403	8	F0	
404	10	G8	
405	10	G8	

379	-55°	1465	8	5.9	-55	4.0	8.5 ✓
380	-55°	1465	8	5.9	-55	6.9 4.0	9.2 8.5 ✓
381	-55°	1472	8	8.0	-55	0.4	8.9 ✓
382	-55°	1484	8	9.1	-55	4.8	8.6 ✓
383	-54°	1545	8	9.3	-54	58.7	8.0 ✓
384	-55°	1486	8	10.2	-55	3.5	9.4 ✓
385	-55°	1491	8	11.9	-55	8.0	8.8 ✓
386	-55°	1493	8	12.4	-55	2.0	8.8 ✓
387	-54°	1567	8	13.3	-54	44.2	9.5 ✓
388	-54°	1574	8	14.1	-54	44.0	9.0 ✓
389	-54°	1575	8	14.2	-54	31.5	8.6 ✓
390	-54°	1572	8	14.0	-54	22.1	9.0 ✓
391	-54°	1592	8	17.3	-54	28.4	8.5 ✓
392	-55°	1505	8	15.8	-55	5.3	8.6 ✓
393	-55°	1501	8	15.2	-55	12.4	9.0 ✓
394	-55°	1494	8	13.7	-55	19.7	8.4 ✓
395	-55°	1498	8	14.7	-55	23.1	7.6 ✓
396	-55°	1499	8	14.7	-55	30.2	7.8 ✓
397	-55°	1512	8	16.9	-55	51.3	8.5 ✓
398	-54°	1596	8	17.7	-54	48.6	9.4 ✓
399	-54°	1598	8	18.1	-54	38.2	9.0 ✓
400	-54°	1610	8	19.0	-54	37.3	9.1 ✓
401	-54°	1611	8	19.2	-54	49.3	9.0 ✓
402	-54°	1614	8	19.6	-54	49.0	9.0 ✓
403	-54°	1621	8	20.5	-54	54.9	7.6 ✓
404	-54°	1627	8	21.5	-54	07.5	7.0 ✓
405	-55°	1543	8	22.0	-55	3.9	7.2 ✓

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Friday, Feb. 28, 1913.

T 32459 8 short disp.

No.	Int.	Class	Remark
406	9	A2	
407	4	F5	
408	9	F9	
409	10	A0	
410	10+	A0	
411	3	K0	
412	2	A0	
413	2	A0	
414	4	A	Focus poor. Vanity superposed on 415.
415	3	A2	
416	8	A0	
417	3	A2	
418	5	F8	
419	2	G0	
420	4	A0	
421	1	G5	
422	2	A0	
423	2	A0	
424	7	A0	
425	3	G5	
426	10	F9	
427	6	F9	
428	4	A3	
429	8	G0	
430	5	A0	
431	7	K2	
432	5	G5	

406	-55°	1544	8	22.3	-55	20.4	7.4	✓
407	-55°	1539	8	21.3	-55	23.0	8.4	✓
408	-54°	1643	8	23.6	-54	57.2	7.6	✓
409	-54°	1645	8	23.8	-54	55.3	7.6	✓
410	-54°	1647	8	24.2	-54	35.8	7.3	✓
411	-54°	1636	8	22.7	-54	22.9	8.9	✓
412	-54°	1634	8	22.6	-54	19.6	9.0	✓
413	-54°	1631	8	22.1	-54	20.7	9.3	✓
414	-54°	1639	8	23.1	-54	39.4	8.7	✓
415	-54°	1638	8	23.0	-54	44.1	8.8	✓
416	-54°	1615	8	19.6	-54	4.8	7.8	✓
417	-54°	1613	8	19.4	-54	15.2	9.1	✓
418	-53°	1658	8	20.8	-53	47.9	8.7	✓
419	-54°	1623	8	20.8	-54	3.9	9.4	✓
420	-53°	1677	8	23.0	-53	10.7	9.1	✓
421	-53°	1678	8	23.0	-53	30.9	9.2	✓
422	-53°	1680	8	23.1	-53	34.7	9.2	✓
423	-53°	1681	8	23.3	-53	36.7	9.2	✓
424	-53°	1686	8	24.0	-53	38.3	8.1	✓
425	-53°	1683	8	23.5	-53	49.3	9.2	✓
426	-53°	1707	8	26.2	-53	47.6	7.0	✓
427	-54°	1661	8	25.4	-54	4.9	7.9	✓
428	-54°	1672	8	26.7	-54	24.4	8.0	✓
429	-54°	1667	8	26.4	-54	46.3	7.4	✓
430	-55°	1572	8	26.4	-55	0.0	8.0	✓
431	-53°	1729	8	28.2	-53	58.3	7.6	✓
432	-53°	1721	8	27.8	-53	40.2	8.4	✓

Cards made out.

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Friday, Feb. 28, 1913

B24598 short disp.

	Tr.	Int.	Class	Remark
11.20	433	8	Bq	
	434			
	434	2	Fr	
	435	2	Ko	
	436	5	A2	
	437	1	Ko	Partly disp on 436
	438	5	Bq	
	439	3	Ko	
	440	2	Ko	
	441	2	A0	

433 −54° 16 8.3 8 29.3 −54 41.8 7.6 ✓

Identified by J.C.M. May 1, 1913
Checked by AMC. Sept 6, 1913
Cards made out by E.R.B.
Cards checked by AMC.

✓	434 −55°	1363.7	47.7	−55	16	8.4	153 on B24589
✓	435 −54°	1396.7	46.6	−54	26	8.3	160 " "
✓	436 −51°	2795.7	56.0	−51	49	8.9	83 on B8952
	437 −51°	2793.7	55.9	−51	49	9.3 ✓	
✓	438 −50°	3030.7	50.3	−50	36	9.0	12 on B8952
	439 −52°	1319.7	49.9	−52	21.0	8.5 ✓	
	440 −52°	1021.7	50.0	−52	26.7	9.2 ✓	
	441 −52°	1328.7	50.5	−52	46.	8.9 ✓	

Nos. 437, 39, 40, 41 ident. on cards by M.A.H. Oct. 9, 1916
" " " " Compared by E.R.B. Oct. 10, 1916

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Friday, Feb. 28, 1913.

Time: 11.54

B 18 300 chart disp.

No.	Int.	Class	Remark
1	2	Ao	
2	2	Ao	
3	4	F8	
4	8	Ao	
5	4	K5	
6	7	K5	
7	2	Ao	
8	6	Ao	
9	4	A2	
10	10	B9	
11	10+	B8	
12	2	Ao	
13	3	A2	
14	7	B9	
15	5	Ao	
16	5	K0	
17	5	F8	
18	3	K5	
19	3	Ao	
20	2	K5	
21	2	Ao	
22	1	M0	
23	2	B9	
24	5	K0	
25	2	F4	
26	1	M0	
27	2	Ao	

1	-46°	3542	7	50.2	-46	15.2	9.9	∧∨
2	-46°	3552	7	50.5	-46	30.6	9.9	∧∨
3	-46°	3557	7	50.9	-46	43.4	9.2	∧∨
4	-46°	3555	7	50.6	-46	58.8	8.6	∧∨
5	-47°	3411	7	51.0	-47	10.0	9.1	∧∨
6	-46°	3572	7	51.6	-46	59.0	7.5	∧∨
7	-46°	3596	7	52.8	-46	53.0	9.9	∧∨
8	-46°	3610	7	53.5	-46	45.7	9.5	∧∨
9	-47°	3462	7	53.9	-47	2.9	9.7	∧
10	-47°	3472	7	54.7	-47	3.2	8.3	∧∨
11	-47°	3457	7	53.6	-47	33.3	6.7	∧∨
12	-47°	3461	7	53.9	-47	41.6	9.8	∧∨
13	-47°	3467	7	54.4	-47	36.0	9.5	∧∨
14	-47°	3479	7	55.1	-47	48.0	8.6	∧∨
15	-47°	3484	7	55.7	-47	57.3	9.5	∧∨
16	-47°	3490	7	56.0	-47	56.0	8.1	∧∨
17	-48°	3374	7	56.0	-48	1.0	8.8	∧∨
18	-47°	3498	7	56.4	-47	45.7	9.3	∧∨
19	-47°	3499	7	56.5	-47	26.3	9.8	∧∨
20	-47°	3425	7	52.1	-47	42.6	9.6	∧∨
21	-47°	3429	7	52.4	-47	30.0	9.8	∧∨
22	-47°	3432	7	52.5	-47	28.6	9.5	∧∨
23	-47°	3441	7	53.0	-47	38.4	9.8	∧∨
24	-47°	3436	7	52.6	-47	54.8	8.9	∧∨
25	-48°	3308	7	51.6	-48	18.5	9.3	∧∨
26	-48°	3311	7	51.8	-48	19.7	9.3	∧∨
27	-48°	3294	7	50.3	-48	10.0	9.4	∧∨

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Friday, Feb. 28, 1913.

B 18300 short strip.

No.	Int.	Class	Remark
28	1	Ao	
29	1	Mo	
30	1	Ao	
31	8	B8	
32	4	Ao	
33	3	Ao	
34	2	F8	
35	2	A2	
36	1	K5	
37	2	K	E.
38	4	K5	
39	4	B8	
40	7	B3	
41	2	Mo	
42	10	B	Burned out.
43	6	F8	
44	3	Ao	
45	3	Ko	
46	2	M	0, 6, 10.
47	1	M5	
48	7	Mo	
49	5	Ko	
50	3	K3	
51	6	Ao	
52	3	Ao	
53	5	Mo	
54	3	A2	

28	-48°	3298	7	50.8	-48	1.8	9.8	∧ ∨
29	-47°	3416	7	51.3	-47	50.0	9.3	∧ ∨
30	-47°	3420	7	51.6	-47	46.0	9.9	∧ ∨
31	-48°	3292	7	50.2	-48	28.1	9.1	∧ ∨
32	-48°	3287	7	49.7	-48	36.0	9.5	∧ ∨
33	-48°	3286	7	49.7	-48	54.6	9.7	∧ ∨
34	-48°	3271	7	48.7	-48	47.9	9.4	∧ ∨
35	-48°	3265	7	48.5	-48	55.8	9.5	∧ ∨
36	-49°	3110	7	47.3	-49	3.9	9.3	∧ ∨
37	-49°	3103	7	46.8	-49	50.2	9.4	∧ ∨
38	-49°	3141	7	49.7	-49	26.8	8.3	∧ ∨
39	-49°	3167	7	51.0 / 50.8	-49	21.5	8.9	∧ ∨
40	-49°	3175	7	51.3	-49	21.2	8.6	∧ ∨
41	-49°	3174	7	51.3	-49	30.7	9.4	∧ ∨
42	-49°	3165	7	50.9	-49	50.6	7.6	∧ ∨
43	-50°	3041	7	51.4	-50	13.9	8.2	∧ ∨
44	-50°	3050	7	52.2	-50	1.5	9.4	∧ ∨
45	-50°	3049	7	52.2	-50	22.6	9.1	∧ ∨
46	-49°	3201	7	52.8	-49	39.0	7.8	∧ ∨
47	-49°	3214	7	53.5	-49	23.0	9.8	∧ ∨
48	-48°	3334	7	53.4	-48	55.9	7.3	∧ ∨
49	-48°	3329	7	53.0	-48	50.9	9.1	∧ ∨
50	-48°	3320	7	52.5	-48	45.0	9.8	∧ ∨ 45° 232 1 52.0 -48 45 7 Maggie 9.8 Superposed
51	-48°	3318	7	52.5	-48	40.0	9.0	∧ ∨
52	-48°	3324	7	52.6	-48	25.0	9.9	∧ ∨
53	-48°	3332	7	53.2	-48	18.6	8.8	∧ ∨
54	-48°	3330	7	53.0	-48	7.0	9.8	∧ ∨

cards made out

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Friday, Feb. 28, 1913.

B 18300 short exp.

No.	Int.	Class	Remark
55	1	Ao	
56	2	Fo	
57	7	Ao	
58	9	Ao	
58a	2	Ao	
59	3	Ao	
60			

12.10

Continued on Bk. 62, 164

55	-48°	3327	7	52.8	-48	26.5	9.6	∧ ∨
56	-48°	3341	7	54.0	-48	43.0	9.8	∧ ∨
57	-48°	3346	7	54.4	-48	41.0	9.1	∧ ∨
58a	-48°	3351	7	54.8	-48	25.0	9.9	∧ ∨
58	-48°	3363	7	55.4	-48	50.1	9.1	∧ ∨
59	-48°	3365	7	55.6	-48	39.6	9.8	∧ ∨

Identified by J. C. M. March 31, 1913.

Checked June 23, 1913. V. D. W.

cards made out by M. C. W.

Cards checked by A. M. C.

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Saturday, March 1, 1913.

Time: 10.54

T3895 2 long drop (cut from pg. 122)

No	Int.	Class	Remarks
123	3	B8	
124	4	B	# s bright
125	3	A0	
126	7	B5	
127	5	B3	
128	5	B5	E.
129	9	B8	
130	2	A0	
131	10	B2	
132	2	A0	
133	2	A	
134	2	K0	
135	3	A0	
136	2	A0	
137	4	A2	
138	1	A	
139	3	A0	
140	2	A	Partly superposed on 141.
141	3	A0	
142	1	A	
143	3	B9	
144	7	B3	
145	4	B3	
146	3	A2	
147	3	B5	
148	2	B9	
149	1	A0	

123	-49°	3572	8	24.1	-49	41.2	8.3 ✓
124	-49°	3621	8	28.6	-49	10.6	7.5 ✓
125	-48°	3865	8	27.5	-48	19.6	8.1 ✓
126	-47°	4048	8	27.2	-47	26.6	7.0 ✓
127	-46°	4267	8	27.6	-46	49.2	7.2 ✓
128	-47°	4072	8	28.9	-47	10.7	7.3 ✓
129	-45°	4183	8	25.7	-45	55.0	6.7 ✓
130	-47°	4023	8	25.8	-47	36.5	8.3 ✓
131	-47°	4004	8	25.1	-47	30.6	5.5 ✓
132	-47°	4000	8	25.0	-47	46.3	8.2 ✓
133	-48°	3772	8	21.1	-48	16.0	~~8.3~~ ✓ 8.7 ~~-48° 3771 superposed~~
134	-49°	3495	8	16.0	-49	8.7	7.5 ✓
135	-48°	3651	8	12.9	-48	9.6	8.4 ✓
136	-48°	3647	8	12.3	-48	47.8	8.5 ✓
137	~~-48°~~ -48°	~~3576~~ 3642	~~8~~ 8	~~7.4~~ 12.0	~~-48~~ -48	~~56~~ 52.7	7.9 ✓
138	-48°	3638	8	11.8	-48	40.0	8.4 ✓
139	-48°	3633	8	11.5	-48	48.1	8.1 ✓
140	-48°	3622	8	10.5	-48	40.1	8.6 ✓
141	-48°	3620	8	10.4	-48	51.2	8.5 ✓
142	-48°	3609	8	9.6	-48	3.9	8.6 ✓
143	-48°	3574	8	7.3	-48	54.9	8.3 ✓
144	-48°	3556	8	6.7	-48	52.1	7.2 ✓
145	-48°	3552	8	6.6	-48	39.8	8.3 ✓
146	-47°	~~3648~~ 3658	8	6.3	-47	57.9	8.7 ✓
147	-47°	~~3647~~ 3657	8	6.2	-47	26.7	8.7 ✓
148	-48°	3478	8	2.9	-48	50.5	8.1 ✓
149	-47°	3556	8	0.5	-47	39.2	8.6 ✓

cards made out

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Saturday, March 1, 1913.
B 952 long exp.

No.	Int.	Aura	Remarks
150	1	As	
151	3	As	
11.51 152	3	As	
153			
154	[illegible]		

150	-46°	3727	7	59.8	-46	13.3	8.7
151	-46°	3709	7	58.8	-46	28.4	8.6
152	-46°	3680	7	57.2	-46	8.8	9.5

Identified by J.C.M. Sept. 26, 1913.
Checked by A.N.C. Nov. 12, 1913
Cards made out by S.R.B.
Cards checked by E.C.F.

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