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Monday, Jan. 20, 1913.

I38223 (cont. fr. Vol. 52, 218)

No.	Int.	Class	Remark
104	3	F2	
105	2	A3	
106	1	F0	
107	1	F5	
108	2	A	
109	1	A	
110	4	F0	
111	3	A0	
112	2	F0	
113	1	F0	
114	2	F0	
115	1	F0	
116	1	G5	
117	2	G5	
118	2	G5	
119	1	F5	
120	3	A2	E.
121	2	G5	
122	2	F5	
123	3	A	E.
124	2	G0	
125	2	A3	
126	2	A3	
127	2	A0	
128	1	G	
129	3	F0	
130	2	A0	

104	+12°	808	5	22.7	+12	14.4	8.7
105	+11°	868	5	27.6	+11	52.0	8.8
106	+12°	834	5	29.1	+12	41.1	9.0
107	+12°	850	5	30.9	+12	13.0	8.8
108	+12°	877	5	35.5	+12	4.4	9.1
109	+13°	967	5	36.0	+13	15.0	9.0
110	+12°	901	5	39.9	+12	0.8	8.7
111	+12°	907	5	40.4	+12	32.3	8.7
112	+12°	911	5	41.3	+12	51.8	8.6
113	+12°	916	5	41.8	+12	13.7	8.8
114	+12°	919	5	42.7	+12	3.6	8.9
115	+12°	918	5	42.5	+12	28.5	9.0
116	+11°	949	5	41.9	+11	40.9	8.7
117	+12°	927	5	44.3	+12	17.2	8.5
118	+13°	1007	5	44.0	+13	20.4	9.0
119	+13°	1003	5	43.5	+13	20.8	9.1
120	+14°	1051	5	42.8	+14	36.8	8.9
121	+11°	970	5	47.5	+11	46.9	8.5
122	+12°	956	5	48.8	+12	20.2	9.0
123	+5°	951	5	24.4	+5	56.0	9.0
124	+8°	1019	5	30.0	+8	51.4	8.5
125	+9°	906	5	30.1	+9	24.7	9.0
126	+9°	909	5	30.9	+9	22.3	9.0
127	+8°	1025	5	30.7	+8	55.8	9.1
128	+9°	914	5	31.6	+9	0.1	9.0
129	+8°	1031	5	31.7	+8	25.1	8.5
130	+8°	1029	5	31.5	+8	6.6	9.2

cards made out

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Monday. Jan. 20, 1913.

I 38223

No	Int.	Class	Remark
131	2	A2	
132	3	K0	
133	2	A2	
134	1	K	
135	3	K5	
136	3	K2	
137	1	A	
138	1	kg	
139	1	K0	
140	2	K2	
141	1	K5	
142	2	A0	
143	2	A2	
144	3	K0	
145	2	K2	
146	2	g5	
147	2	A2	
148	1	K	
149	2	kg	
150	2	K0	
151	1	A0	
152	2	g5	
153	2	g5	
154	2	A2	
155	1	K0	Trace 10.40
156			
157			

cont. 132, 20

131	+8°	1043	5	34.2	+8	14.3	9.2	1 ✓
132	+8°	1044	5	34.4	+8	17.5	8.1	1 ✓
133	+7°	988	5	35.7	+7	49.9	8.6	1 ✓
134	+7°	989	5	35.8	+7	53.9	8.5	1 ✓
135	+8°	1054	5	36.6	+8	33.7	8.6	1 ✓
136	+7°	998	5	37.4	+7	20.3	9.0	1 ✓
137	+7°	999	5	37.5	+7	42.4	9.0	1 ✓
138	+7°	1007	5	39.2	+7	59.0	8.6	1 ✓
139	+7°	1009	5	39.4	+7	27.3	9.0	1 ✓
140	+8°	1081	5	41.8	+8	1.6	9.0	1 ✓
141	+8°	1080	5	41.8	+8	26.6	9.1	1 ✓
142	+8°	1087	5	42.7	+8	9.8	9.0	1 ✓
143	+7°	1025	5	43.0	+7	26.2	8.9	1 ✓
144	+7°	1033	5	44.5	+7	17.6	8.1	1 ✓
145	+6°	1049	5	44.1	+6	45.0	8.3	1 ✓
146	+7°	1040	5	45.7	+7	37.0	8.7	1 ✓
147	+7°	1042	5	45.8	+7	41.1	8.8	1 ✓
148	+7°	1048	5	46.2	+7	40.9	8.9	1 ✓
149	+6°	1075	5	49.4	+6	44.7	8.5	1 ✓
150	+7°	960	5	31.2	+7	27.8	8.9	1 ✓
151	+7°	966	5	31.9	+7	13.9	9.0	1 ✓
152	+8.6°	990	5	32.6	+8.6	35.7	8.3	1 ✓
153	+8.6°	999	5	34.1	+8.6	31.8	8.5	1 ✓
154	+5°	997	5	35.1	+5	31.9	8.8	1 ✓
155	+5°	995	5	32.2	+5	59.1	8.5	1 ✓

Identified by ANC. Jan. 27, 1913

Checked Jan. 29, 1913 WDM

Cards made out by M.C.W.

Cards checked by J.B.A.

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Tuesday. Jan. 28. 1913.

Time: 10.54

B 42171 long disp.

No.	Int.	Area	Remark
1	4	B8	
2	4	A1	Partly superposed on 1. ~~Trail of 1.~~
3	3	J10	
4	3	B9	
5	2	A10	
6	5	J10	
7	3	J10	Trail of 6.
8	3	I9 5	
9	5	J10	
10	2	J10	Partly superposed on 9. Trail of 9.
11	3	A10	
12	6	B5	
13	5	B5	Trail of 12.
14	6	B9	
15	5	B9	
16	3	A5	
17	5	B8	
18	3	A10	
19	7	A2	
20	10	B5	E.
21	4	A10	E.
22	3	A5	
23	4	B8	
24	4	B8	
25	3	B9	
26	4	J12	
27	2	A10	

1	−58°	967	7	39.9	− 58	19.9	6.4	1 J
2	−58°	969	7	40.1	− 58	22.3	7.5	1 ∨
3	−57°	1305	7	40.5	− 57	56.0	7.2	1 ∨
4	−59°	916	7	48.7	− 59	19.5	7.2	1 ∨
5	−59°	921	7	50.0	− 59	17.4	7.3	1 N
6	−56°	1420	7	43.0	− 56	25.0	7.0	1 ∨
7	Trail of −56°	1420	7	43.0	− 56	25.0	7.0	1 ∨
8	−56°	1437	7	45.7	− 56	9.4	7.4	1 ∨
9	−56°	1442	7	46.4	− 56	5.6	6.8	1 ∨
10	Trail of −56°	1442	7	46.4	− 56	5.6	6.8	1 ∨
11	−54°	1401	7	46.8	− 54	45.7	7.5	1 ∨
12	−54°	1420	7	49.5	− 54	2.6	5.9	1 J
13	Trail of −54°	1420	7	49.5	− 54	2.6	5.9	1 ∨
14	−53°	1505 1479	7	57.8	− 53	48.3	5.7	1 ∨
15	−54°	1488	7	58.3	− 54	10.0	6.4	1 ∨ −54° superposed
16	−54°	1475	7	59.0	− 54	18.9	7.4	1 ∨
17	−55°	1419	7	58.6	− 55	6.3	6.1	1 ∨
18	−55°	1425	7	59.3	− 55	11.4	6.7	1 ∨
19	−55°	1467	8	6.7	− 55	43.0	5.9	1 ∨
20	−52°	1343	7	53.6	− 52	38.9	4.8	1 J
21	−52°	1242	7	56.0	− 52	59.3	6.5	1 ∨
22	−54°	1348	7	38.0	− 54	24.8	7.2	1 N
23	−54°	1356	7	39.4	− 54	53.1	7.2	1 ∨
24	−56°	1404	7	39.2	− 56	1.2	7.0	1 ∨
25	−55°	1319	7	39.7	− 55	51.0	7.4	1 ∨
26	−56°	1468	7	38.3	− 56	58.3	7.2	1 ∨
27	−57°	1358	7	55.1	− 57	8.5	7.0	1 ∨

Cards made out.

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Tuesday, Jan. 28, 1913.

B 4217 long exp.

	No.	Int.	Class	Remark
	28	4	Bg	
	29	10	B	E.
Time: 11.00	30	5	B	E.
	31	2	Ao	

28	-59°	990	8	7.1	-59	10.3	6g	1v
29	-59°	1032	8	19.9	-59	6.5	44	1v
30	-57°	1490	8	18.4	-57	34.5	68	1v
31	-55°	1424	7	59.2	-55	15	7.3	

Identified by ANC. Feb. 7, 1913

Checked. Feb. 7. 1913 HDW.

cards made out by Mr. C. W.

Cards checked by S.R.B.

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Tuesday, June 25, 1913.

Time: 11.04

B 24589 dust cirs.

No	Dist.	Class	Remark
1	6	a. No	
2	9	Ao	
3	3	No	
4	3	Fo	
5	1	Go	
6	1	Ko	
7	1	Mo	
8	3	M2	
9	2	Ma	
10	1	M2a	
11	3	Mo	
12	1	Mo	
13	2	A	
14	4	Mb	
15	4	Ao	
16	3	Bo	
17	2	Ao	
18	2	A	E.
19	1	M	E.
20	2	A	E.
21	3	A	E.
22	3	F2	
23	7	Fo	
24	2	M2	
25	2	Ma	
26	2	Ao	
27	1	M2	

1	-53°	1302	7	13.4	-53	49.2	7.8	1 v
2	-54°	1234	7	13.5	-54	0.2	7.4	1 v
3	-54°	1228	7	13.2	-54	16.0	8.8	1 v
4	-54°	1225	7	12.4	-54	42.3	8.8	1 v
5	-54°	1229	7	13.2	-54	38.7	9.2	1 v
6	-54°	1235	7	13.9	-54	59.6	9.3	1 v
7	-55°	1203	7	13.0	-55	20.0	9.3	1 v
8	-55°	1201	7	12.9	-55	28.8	8.8	1 v
9	-55°	1202	7	13.0	-55	35.9	8.9	1 v
10	-56°	1286	7	11.2	-56	30.6	9.4	1 v
11	-56°	1305	7	16.4	-56	25.0	8.8	1 v
12	-56°	1307	7	16.7	-56	15.3	9.0	1 v
13	-56°	1310	7	17.3	-56	12.6	9.0	1 v
14	-56°	1320	7	19.3	-56	1.0	8.6	1 v
15	-55°	1229	7	21.4	-55	29.3	8.6	1 v
16	-55°	1232	7	22.0	-55	41.8	8.4	1 v
17	-56°	1331	7	22.0	-56	21.0	8.7	1 v
18	-56°	1333	7	22.7	-56	40.3	8.7	1 v
19	-57°	1218	7	22.0	-57	2.9	8.8	1 v
20	-56°	1326	7	20.8	-56	35.8	8.8	1 v
21	-56°	1338	7	23.5	-56	26.2	8.6	1 v
22	-55°	1239	7	24.5	-55	59.6	8.6	1 v
23	-55°	1240	7	24.5	-55	34.7	8.1	1 v
24	-55°	1243	7	25.1	-55	43.3	9.0	1 v
25	-55°	1242	7	25.0	-55	51.0	8.8	1 v
26	-55°	1244	7	25.3	-55	53.6	9.0	1 v
27	-56°	1354	7	25.4	-56	2.8	8.2	1 v

1 2 3 -55 43.1 magn. 9.0 / 4 7 superposed.

Cards m e ai mt

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Tuesday. Jan. 28, 1913.
B24589 short disp.

No.	Int.	Vars	Remark
28	5	As	
29	4	Jy5	
30	2	Ly5	
31	5	Jy0	
32	3	As	
33	3	Ly5	
34	1	A	E.
35	3	Fo	
36	4	Fo	
37	1	Ly	E.
38	1	F5	E.
39	7	Fg	
40	8	Jy0	
41	2	As	
42	3	Jy0	
43	9	Ly5	
44	2	Jy5	
45	4	Ly5	
46	1	Jy2	
47	2	F5	
48	1	F5	
49	1	F5	
50	5	A2	
51	7	As	
52	5	F5	
53	6	As	
54	1	Jy0	

28	−56°	1354	7	27.4	−56	27.8	8.2	∧ ∨
29	−56°	1358	7	27.6	−56	3.4	8.4	∧ ∨
30	−55°	1258	7	28.6	−55	54.7	8.6	∧ ∨
31	−56°	1364	7	28.7	−56	21.4	8.2	∧ ∨
32	−56°	1363	7	28.5	−56	35.1	8.3	∧ ∨
33	−56°	1360	7	27.8	−56	41.6	8.6	∧ ∨
34	−56°	1368	7	29.3	−56	50.4	9.0	∧ ∨
35	−56°	1380	7	32.2	−56	29.0	8.7	∧ ∨
36	−56°	1385	7	33.4	−56	25.0	8.6	∧ ∨
37	−56°	1387	7	33.2	−56	46.8	9.0	∨
38	−56°	1389	7	34.5	−56	38.9	8.8	∧ ∨
39	−55°	1291	7	35.2	−55	53.8	8.2	∧ ∨
40	−55°	1299	7	36.0	−55	56.6	7.9	∧ ∨
41	−56°	1379	7	32.0	−56	3.7	9.0	∧ ∨
42	−55°	1279	7	32.8	−55	51.3	8.6	∧ ∨
43	−55°	1282	7	33.4	−55	36.4	7.2	∧ ∨
44	−55°	1276	7	32.5	−55	33.4	8.6	∧ ∨
45	−55°	1273	7	32.2	−55	29.8	8.3	∧ ∨
46	−55°	1261	7	29.6	−55	24.0	9.0	∧ ∨
47	−55°	1256	7	28.1	−55	18.4	8.7	∧ ∨
48	−55°	1253	7	27.8	−55	20.9	9.0	∧ ∨
49	−55°	1245	7	26.7	−55	23.1	8.9	∧ ∨
50	−55°	1241	7	24.9	−55	9.2	8.3	∧ ∨
51	−54°	1277	7	24.0	−54	59.6	7.9	∧ ∨
52	−55°	1237	7	23.2	−55	6.7	8.2	∧ ∨
53	−54°	1268	7	23.1	−54	46.9	8.2	∧ ∨
54	−55°	1235	7	22.7	−55	33.1	9.0	∧ ∨

Both spectra taken on the same plate
−56°/383 Kapteyn

Cards made out

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Tuesday. Jan. 28. 1913.
13 24589 short disp.

hr	Inst.	Class	Remark
55	1	H+2	
56	3	H5	
57	1	H	
58	4	A2	
59	2	K5	
60	2	H5	
61	10	H0	
62	4	H2	
63	1	K0	
64	5	A0	
65	3	A0	
66	4	H2	
67	5	K0	
68	2	K5	
69	3	K0	
70	3	H8	
71	1	K0	
72	8	K0	
73	1	K2	
74	3	H2	
75	1	K5	
76	1	K5	
77	8	A0	
78	2	A0	
79	2	K0	
80	10	K5	
81	8	K0	

55	-55°	1217	7	17.0	-55	14.4	9.3	∧∨
56	-55°	1220	7	18.3	-55	8.7	8.6	∧∨
57	-55°	1222	7	18.9	-55	6.5	9.2	∧∨
58	-54°	1260	7	19.7	-54	46.6	8.5	∧∨
59	-54°	1261	7	19.7	-54	56.2	8.8	∧∨
60	-55°	1226	7	20.1	-55	19.6	8.9	∧∨
61	-55°	1227	7	20.3	-55	20.2	7.8	∧∨
62	-55°	1228	7	20.9	-55	0.2	8.8	∧∨
63	-54°	1263	7	21.1	-54	53.7	9.0	∧∨
64	-54°	1266	7	21.6	-54	46.1	8.6	∧∨
65	-54°	1267	7	22.5	-54	29.5	8.7	∧∨
66	-54°	1246	7	16.2	-54	49.3	8.6	∧∨
67	-54°	1250	7	17.0	-54	35.3	8.5	∧∨
68	-54°	1248	7	16.3	-54	25.9	9.2	∧∨
69	-54°	1244	7	16.7	-54	17.3	8.8	∧∨
70	-54°	1242	7	15.0	-54	16.2	8.7	∧∨
71	-54°	1241	7	14.9	-54	41.3	9.2	∧∨
72	-53°	1315	7	17.3	-53	58.7	8.4	∧∨
73	-53°	1318	7	17.9	-53	59.3	9.6	∧∨
74	-54°	1255	7	18.5	-54	21.8	8.9	∧∨
75	-54°	1254	7	18.1	-54	47.4	9.2	∧∨
76	-54°	1256	7	19.0	-54	19.5	9.4	∧∨
77	-54°	1259	7	19.4	-54	11.2	8.2	∧∨
78	-53°	1328	7	19.9	-53	48.2	9.2	∧∨
79	-53°	1332	7	20.7	-53	40.0	9.2	∧∨
80	-53°	1334	7	20.8	-53	25.6	7.0	∧∨
81	-53°	1331	7	20.5	-53	15.8	7.7	∧∨

9 1216 7 17.0 -55 18.0
mean 9.7
18 superposed

cards made out

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Tuesday. Jan. 28, 1913.
B24589 short exp.

No.	Int.	Dam	Remarks
82	5	Ko	
83	5	J8	
84	7	Ao	
85	5	J5	
86	4	J2	
87	8	K5	
88	2	Ao	
89	1	A	
90	8	J0	
91	1	J5	
92	2	K0	
93	2	J0	
94	2	K5	
95	1	A	
96	3	J0	
97	3	Ao	
98	3	K0	
99	2	J5	
100	1	K	Partly superposed on 101.
101	3	Ao	
102	1	J2	
103	3	J5	
104	1	A	
105	2	A2	
106	3	K5	
107	8	A0	
108	8	A2	

82	-53°	1319	7	18.0	-53	32.1	8.6	1 V
83	-53°	1323	7	18.3	-53	23.4	8.4	1 V
84	-53°	1321	7	18.3	-53	38.7	8.2	1 V
85	-53°	1326	7	19.1	-53	39.9	8.4	1 V
86	-52°	1161	7	19.3	-52	56.5	8.6	1 V
87	-52°	1162	7	19.8	-52	16.5	8.2	1 V
88	-52°	1169	7	22.0	-52	39.2	9.2	1 V
89	-52°	1167	7	21.8	-52	53.6	9.6	1 V
90	-52°	1168	7	22.2	-52	52.1	8.0	1 V
91	-52°	1172	7	22.5	-52	55.1	10.0	1 V
92	-52°	1176	7	23.7	-52	49.5	9.6	1 V
93	-52°	1179	7	24.0	-52	50.3	9.6	1 V
94	-53°	1338	7	23.9	-53	20.5	9.2	1 V
95	-53°	1341	7	24.4	-53	13.1	9.3	1 V
96	-52°	1187	7	25.1	-52	58.9	9.3	1 V
97	-53°	1344	7	25.3	-53	2.5	8.8	1 V
98	-53°	1342	7	25.1	-53	14.0	9.0	1 V
99	-54°	1280	7	24.7	-54	2.0	9.2	1 V
100	-54°	1269	7	23.2	-54	11.0	9.2	1 V
101	-54°	1270	7	23.2	-54	13.6	9.0	1 V
102	-54°	1272	7	23.4	-54	19.3	9.2	1 V
103	-54°	1274	7	23.5	-54	24.3	8.9	1 V
104	-54°	1281	7	24.8	-54	42.7	9.2	1 V
105	-54°	1283	7	25.3	-54	49.5	9.2	1 V
106	-54°	1286	7	26.0	-54	48.1	9.2	1 V
107	-54°	1290	7	26.9	-54	38.8	8.2	1 V
108	-55°	1247	7	26.8	-55	2.8	8.0	1 V

cards made out

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Tuesday, Jan. 28, 1913.
B 24589 short drift.

No.	Int.	Class	Remark
109	1	K2	
110	2	A2	
111	1	K0	
112	10	K5	
113	5	B8	
114	3	G5	
115	2	K5	
116	5	A5	
117	7	F8	
118	3	K0	
119	7	B9	Another star superposed at north.
120	2	G5	
121	7	B8	
122	1	K5	
123	2	F8	
124	2	A2	
125	1	K0	
126	2	A2	
127	2	K5	(The middle of three stars)
128	4	G5	
129	10	A0	
130	1	G5	
131	4	A3	
132	10	B5	
133	2	K5	
134	2	F0	
135	4	K5	

109	−54° 1285	7	26.0	−54	26.3	9.0	1 V
110	−54° 1287	7	26.2	−54	15.4	8.9	1 V
111	−54° 1289	7	26.5	−54	20.8	9.4	1 V
112	−54° 1294	7	27.7	−54	8.2	7.4	1 V
113	−54° 1293	7	27.7	−54	13.8	8.5	1 V
114	−54° 1298	7	28.9	−54	14.7	8.7	^ V
115	−54° 1300	7	29.3	−54	44.1	9.0	^ V
116	−54° 1303	7	30.1	−54	53.9	8.4	^ V
117	−54° 1305	7	30.3	−54	53.7	8.0	^ V
118	−54° 1304	7	30.2	−54	41.3	9.0	^ V
119	−54° 1308	7	30.7	−54	29.1	8.4	^ V
120	−54° 1311	7	30.9	−54	34.9	9.0	^ V
121	−54° 1316	7	32.2	−54	48.6	8.2	^ V
122	−54° 1323	7	33.1	−54	51.1	9.2	^ V
123	−54° 1325	7	33.4	−54	52.5	9.0	^ V
124	−54° 1327	7	34.0	−54	59.4	9.0	^ V
125	−55° 1283	7	33.4	−55	14.2	9.0	^ V
126	−55° 1286	7	34.0	−55	13.1	9.0	^ V
127	−55° 1293	7	35.3	−55	29.0	9.3	^ V
128	−55° 1301	7	36.3	−55	26.7	9.5	^ V
129	−55° 1308	7	38.0	−55	21.5	7.3	^ V
130	−55° 1313	7	38.8	−55	39.7	9.2	^ V
131	−55° 1316	7	39.3	−55	12.9	8.3	^ V
132	−55° 1320	7	40.1	−55	1.0	7.6	^ V
133	−55° 1321	7	41.0	−55	14.9	8.7	^ V
134	−54° 1367	7	41.3	−54	42.2	8.7	^ V
135	−54° 1369	7	41.8	−54	20.2	8.3	^ V

cards made out

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Tuesday, Jan. 28, 1913.
B 245 89 short exp.

	Tus.	Int.	Class	Remark
	136	3	Bg	
	137	2	F8	
	138	2	F5	
	139	4	Q3	
	140	4	Bg	
	141	2	F2	
	142	4	Ao	
	143	4	Ao	
	144	1	K	E.
	145	2	F5	
	146	3	Bp	
	147	7	Q	
	148	5	F2	E.
	149	2	K5	
Twice	11.30	150	6	F2
"	10.53	151	1	K
		152	4	Q2
		153	3	Bp? Too much superposed on 154.
		154	3	M0
		155	2	M0
		156	8	M0
		157	6	Bp
		158	4	Bp
		159	10	M0
		160	3	Bp? Too much superposed on 161.
		161	6	Bp
		162	5	F8

136	-54°	1375	7	42.9	-54	35.0	8.6	1 1
137	-54°	1378	7	42.5	-54	52.4	8.9	1 1
138	-55°	1391	7	43.0	-55	0.6	8.6	1 1
139	-54°	1381	7	44.0	-54	48.3	8.5	1 1
140	-55°	1328	7	42.9	-55	22.6	8.2	1 1
141	-55°	1334	7	43.4	-55	21.0	8.9	1 1
142	-55°	1332	7	43.3	-55	53.2	8.1	1 1
143	-56°	1428	7	43.8	-56	2.9	8.6	1 1
144	-56°	1421	7	43.0	-56	9.2	9.2	1 1
145	-56°	1341	7	44.8	-55	48.6	9.2	1 1
146	-55°	1352	7	46.1	-55	41.7	8.6	1 1
147	-55°	1361	7	47.0	-55	38.9	8.0	1 1
148	-56°	1447	7	47.7	-56	0.5	8.4	1 1
149	-55°	1340	7	44.6	-55	30.6	9.2	1 1
150	-55°	1347	7	46.6	-55	20.4	8.5	1 1
151	-55°	1350	7	45.9	-55	24.7	9.4	1 1
152	-54°	1409	7	47.8	-54	56.7	8.6	1 1
153	-55°	1363	7	47.7	-55	10.9	8.4	1 1
154	-55°	1364	7	47.7	-55	19.5	8.4	1 1
155	-55°	1366	7	48.1	-55	16.5	9.4	1 1
156	-55°	1372	7	49.0	-55	22.7	8.0	1 1
157	-53°	1433	7	44.8	-53	56.7	8.2	1 1
158	-54°	1388	7	45.2	-54	6.5	8.4	1 1
159	-54°	1389	7	45.3	-54	24.1	7.4	1
160	-54°	1396	7	46.6	-54	26.3	8.3	1 1
161	-54°	1397	7	46.6	-54	29.7	7.8	1 1
162	-54°	1398	7	46.6	-54	35.2	8.3	1 1

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Saturday, Feb. 1, 1913.

B 24589 short disp.

Time. T.O.

No	Int.	Class	Remark
163	4	Ko	The c. f. of two.
164	2	Ko	
165	4	Ko	
166	3	Ko	
167	1	Ko	
168	2	Ao	
169	4	Ao	
170	1	Ko	
171	6	Ko	
172	5	Ao	
173	2	Fo	
174	2	Ko	
175	2	Ao	
176	1	Ao	
177	2	Ko	Partly superposed on 178.
178	5	Fo	
179	9	Ko	
180	3	Fo	
181	7	Ao	
182	3	Ko	
183	2	Ao	
184	4	Ao	
185	5	Ko	
186	2	Ko	Partly superposed on 185.
187	3	Ao	" " " 188.
188	3	Ao	
189	6	Ko	

163	-54° 1400	7	46.8	-54	24.1	8.8	1 V
164	-54° 1403	7	46.9	-54	29.8	9.2	1 V
165	-54° 1416	7	48.8	-54	29.9	8.8	1 V
166	-53° 1440	7	46.5	-53	42.6	9.2	1 V
167	-54° 1395	7	46.5	-54	2.0	9.5	1 J
168	-54° 1410	7	48.1	-54	3.7	9.2	1 V
169	-53° 1448	7	48.3	-53	58.9	9.2	1 V
170	-53° 1451	7	48.5	-53	50.3	9.8	1 V
171	-53° 1449	7	48.3	-53	28.2	8.6	1 V
172	-53° 1353	7	28.6	-53	36.0	8.6	1 V
173	-53° 1361	7	30.9	-53	57.9	9.2	^ J
174	-53° 1362	7	31.0	-53	53.1	9.2	1 J
175	-54° 1302	7	30.1	-54	21.7	9.2	1 V
176	-54° 1307	7	30.4	-54	22.1	9.3	1 V
177	-53° 1367	7	31.8	-53	38.6	8.7	^ J
178	-53° 1368	7	31.8	-53	40.1	8.4	1 V
179	-53° 1365	7	31.6	-53	47.5	7.5	^ V
180	-54° 1315	7	32.1	-54	0.9	9.0	1 V
181	-53° 1372	7	32.7	-53	50.9	8.2	^ J
182	-54° 1319	7	32.7	-54	0.2	9.0	1 J
183	-53° 1370	7	32.4	-53	26.8	9.0	^ V
184	-53° 1371	7	32.5	-53	33.8	8.6	^ V
185	-53° 1375	7	33.3	-53	32.4	8.4	^ J
186	-53° 1374	7	33.2	-53	34.7	9.0	^ V
187	-53° 1379	7	33.7	-53	26.1	9.0	^ J
188	-53° 1382	7	33.7	-53	26.2	9.0	^ J
189	-53° 1383	7	34.1	-53	47.9	8.2	^ V

165 -54° 1439 7 48.4 -53 44.5 weak. 10.0 superposed

166 -53° 1440 7 46.5 -53 42.6 9.2 1 V

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Saturday, Feb. 1, 1913.

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Remark

No.	Int.	Class	Remark
190	3	Ao	
191	5	A2	
192	5	K5	
193	7	F0	
194	9	A3	
195	8	B5	
196	3	F0	
197	7	F8	
198	2	F5	
199	2	F5	The southern of two.
200	1	A2	
201	1	F0	
202	1	F5	
203	2	A2	Partly superposed on 204.
204	3	G5	
205	1	G0	
206	2	F5	
207	2	K5	The southern of two.
208	1	F8	
209	7	K8	
210	1	F8	
211	1	G5	
212	1	F5	
213	1	G0	
214	3	A0	
215	8	G5	
216	1	A	

190	-53°	1385	7	34.4	-53	46.9	9.2	1 V
191	-53°	1390	7	35.3	-53	43.3	8.4	1 V
192	-53°	1391	7	35.5	-53	49.9	8.4	1 V
193	-53°	1394	7	36.0	-53	52.9	8.3	1 V
194	-54°	1343	7	36.5	-54	0.6	8.0	1 V
195	-53°	1400	7	37.2	-53	41.4	8.0	1 V
196	-54°	1345	7	37.4	-54	3.5	9.0	1 V
197	-54°	1337	7	35.7	-54	21.1	8.0	1 V
198	-54°	1324	7	33.4	-54	20.8	9.0	1 V
199	-54°	1328	7	34.0	-54	18.1	9.0	1 V
200	-54°	1330	7	34.3	-54	17.5	9.2	1 V
201	-54°	1332	7	34.4	-54	48.1	9.4	V
202	-54°	1334	7	35.3	-54	54.0	9.3	1 V
203	-54°	1341	7	36.3	-54	45.1	9.0	1 V
204	-54°	1342	7	36.4	-54	47.1	8.8	1 V
205	-54°	1344	7	36.6	-54	49.5	9.2	1 V
206	-54°	1349	7	38.4	-54	38.7	9.2	1 V
207	-54°	1353	7	39.0	-54	29.4	9.2	1 V
208	-54°	1359	7	39.8	-54	31.7	9.2	V
209	-54°	1355	7	39.1	-54	7.3	8.0	1 V
210	-54°	1350	7	38.7	-54	3.6	9.2	1 V
211	-53°	1413	7	39.7	-53	28.8	9.3	1 V
212	-53°	1417	7	40.5	-53	46.6	9.2	1 V
213	-53°	1420	7	40.6	-53	25.6	9.0	1 V
214	-53°	1424	7	41.2	-53	45.1	9.0	1 V
215	-53°	1418	7	40.6	-53	56.6	7.5	1 V
216	-54°	1362	7	40.3	-54	1.2	9.2	1 V

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Saturday, Feb. 1, 1913.
B245 89 short drift.

No.	Int	Class	Remark
217	1	Ms	
218	1	A	
219	2	Ao	
220	2	Ao	
221	1	M	
222	2	Mb	
223	2	Ae	
224	3	Fs	
225	4	Fe	
226	6	Bg	
227	2	Ao	
228	5	Fs	
229	3	As	
230	3	Gs	
231	6	Ao	
232	4	Ae	
233	1	Ms	
234	1	Ao	
235	2	Gs	
236	3	Mo	
237	8	Fe	
238	5	Ao	
239	1	Go	
240	3	Ao	
241	2	Ms	
242	2	Be	
243	3	As	

217	-54°	1363	7	40.4	-54	6.6	9.2	1 V
218	-54°	1364	7	40.6	-54	9.7	9.3	1 V
218	-53	1426	7	41.7	-53	38.5	9.2	1 V
219								
220	-53°	1429	7	43.7	-53	32.5	9.0	1 V
221	-53°	1428	7	43.6	-53	56.2	9.4	1 V
222	-54°	1378	7	43.4	-54	15.5	9.6	1 V
223	-54°	1383	7	44.6	-54	23.5	9.4	1 V
224	-53°	1431	7	44.3	-53	18.9	9.2	1 V
225	-53°	1430	7	44.2	-53	7.5	8.8	1 V
226	-52°	1283	7	44.5	-52	51.9	8.8	1 V
227	-52°	1279	7	44.0	-52	45.6	9.4	1 V
228	-52°	1286	7	44.9	-52	43.6	8.9	1 V
229	-52°	1293	7	45.7	-52	54.7	9.4	1 V
230	-52°	1296	7	46.0	-52	42.1	9.4	1 V
231	-52°	1300	7	46.6	-52	20.0	8.6	1 V
232	-52°	1287	7	45.1	-52	3.8	9.0	1 V
233	-52°	1281	7	44.3	-52	7.2	9.8	1 V
234	-52°	1284	7	44.7	-52	14.9	9.6	1 V
235	-52°	1166	7	21.8	-52	2.1	9.3	1 V
236	-51°	2496	7	23.0	-51	35.5	9.1	1 V
237	-51°	2485	7	21.7	-52	13.5	9.3	1 V
238	-50°	2738	7	21.3	-50	52.2	8.9	1 V
239	-51°	2486	7	22.0	-51	26.0	9.7	1 V
240	-51°	2501	7	23.5	-51	2.3	9.6	1 V
241	-50°	2767	7	23.7	-50	53.3	9.3	1 V
242	-50°	2768	7	23.7	-50	56.0	9.7	1 V
243	-50°	2769	7	23.8	-50	35.6	9.7	1 V

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Saturday, Feb. 1, 1913.
B24589 short disp.

No.	Int.	Class	Remark
244	23	F2	
245	2	F5	
246	4	F5	
247	6	G5	
248	8	F0	
249	7	F0	
250	6	B9	
251	1	G0	
252	4	F2	
253	6	F3B	
254	3	A0	
255	8	A0	
256	1	G5	
257	7	A5	
258	5	B9	
259	2	G5	
260	4	F0	
261	7	B8	
262	2	A2	
263	2	F2	
264	4	F2	
265	5	G5	
266	7	A2	
267	7	F0	
268	10+	F0	
269	6	F2	
270	2	A0	

244	−50°	2770	7	23.9	−50	17.6	9.0	∧ ∨
245	−50°	2771	7	24.0	−50	5.6	9.0	∧
246	−50°	2793	7	26.5	−50	18.0	9.5	∧ ∨
247	−50°	2791	7	26.4	−50	55.3	8.6	∧ ∨
248	−50°	2796	7	26.7	−50	56.5	8.0	∧ ∨
249	−50°	2809	7	27.6	−50	53.6	7.4	∧ ∨
250	−51°	2534	7	27.5	−51	4.5	9.4	∧ ∨
251	−51°	2529	7	26.8	−51	4.3	9.7	∧ ∨
252	−51°	2527	7	26.2	−51	23.8	9.4	∧ ∨
253	−51°	2523	7	26.0	−51	32.2	9.5	∧ ∨
254	−51°	2516	7	25.2	−51	49.2	9.9	∧ ∨
255	−51°	2512	7	24.8	−51	49.5	9.1	∧ ∨
256	−52°	1184	7	24.3	−52	1.3	9.4	∧ ∨
257	−52°	1178	7	24.0	−52	4.1	8.2	∧ ∨
258	−52°	1181	7	24.1	−52	21.1	8.6	∧ ∨
259	−52°	1174	7	23.4	−52	17.8	9.4	∧ ∨
260	−51°	2499	7	23.4	−51	45.4	9.2	∧ ∨
261	−51°	2508	7	24.4	−51	6.3	9.1	∧ ∨
262	−51°	2510	7	24.6	−51	9.1	9.9	∧ ∨
263	−51°	2530	7	26.8	−51	35.8	9.7	∧ ∨
264	−51°	2532	7	26.9	−51	40.2	9.0	∧ ∨
265	−51°	2528	7	26.7	−51	53.3	9.1	∧ ∨
266	−52°	1190	7	25.8	−52	12.4	8.4	∧ ∨
267	−52°	1192	7	26.3	−52	7.2	8.4	∧ ∨
268	−52°	1198	7	27.0	−52	23.3	7.0	∧ ∨
269	−52°	1203	7	27.7	−52	38.1	8.4	∧ ∨
270	−52°	1194	7	26.6	−52	54.1	9.4	∧ ∨

cards made out

−52° 1177 24h0 −62 8.4 9.4 superposed

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Saturday. Feb. 1, 1913.
13x4589 short disp.

No.	Int.	Class	Remark
271	1	F5	The southern of two.
272	1	A0	
273	1	F0	
274	1	G	
275	1	G5	
x76	1	K5	
x77	9	B8	
278	8	G0	
x79	5	F0	
280	5	K5	
281	6	G5	
282	3	F0	
283	1	K2	
284	4	F0	
285	2	A5	
286	8	F5	
287	3	K0	
288	8	B3	
289	8	A3	
x90	2	F0	
x91	3	A5	
292	2	A0	
293	6	B9	
294	9	B2	
295	4	F8	
296	2	G5	
297	1	K2	

271	-52°	1195	7	26.7	-52	32.2	9.6	1 N
272	-53°	1352	7	28.2	-53	17.3	9.2	1 ✓
273	-53°	1336	7	22.0	-53	43.6	9.3	1 ✓
274	-52°	1213	7	29.7	-52	55.3	9.6	1 ✓
275	-52°	1214	7	29.9	-52	58.9	10.0	1 ✓
276	-52°	1217	7	30.4	-52	54.0	10.0	1 ✓
277	-52°	1221	7	31.1	-52	59.5	8.0	1 ✓
278	-52°	1223	7	31.5	-52	42.0	8.2	1 ✓
279	-52°	1220	7	31.0	-52	26.0	8.8	1 ✓
280	-52°	1224	7	31.6	-52	32.0	8.9	1 ✓
281	-52°	1229	7	32.1	-52	26.8	8.7	1 ✓
282	-52°	1225	7	31.8	-52	52.2	8.8	1 ✓
283	-53°	1376	7	33.4	-53	7.1	9.4	1 ✓
284	-52°	1230	7	32.4	-52	10.4	9.0	1 ✓
285	-52°	1232	7	32.8	-52	16.2	9.2	1 ✓
286	-52°	1236	7	33.9	-52	5.0	8.2	1 ✓
287	-52°	1239	7	35.5	-52	13.1	8.9	1 ✓
288	-52°	1241	7	35.9	-52	40.5	8.2	1 ✓
289	-52°	1243	7	36.7	-52	44.3	8.2	1 ✓
290	-53°	1398	7	36.7	-53	14.6	8.9	1 ✓
291	-53°	1399	7	36.9	-53	21.0	8.8	1 ✓
292	-53°	1401	7	37.3	-53	15.0	9.2	1 ✓
293	-53°	1406	7	37.8	-53	14.3	8.5	1 ✓
294	-52°	1251	7	38.4	-52	54.1	7.8	1 ✓
295	-52°	1257	7	39.2	-52	28.2	8.8	1 ✓
296	-52°	1259	7	40.2	-52	12.7	9.0	1 ✓
297	-52°	1263	7	40.5	-52	12.6	9.4	1 ✓

-5° 1196 7 267 -52 29.4 10.0 5m perpend

cards made out

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Saturday, J Feb. 1, 1913.
B2458q shut disp.

No.	Int.	Class	Remark
298	4	H0	
299	5	A2	
300	9	B5	
301	3	H2	
302	4	A3	
303	3	H0	
304	8	B5	
305	2	H0	
306	2	F5	
307	7	G5	
308	4	F5	
309	3	F0	
310	4	G5	
311	9	F8	
312	7	B8	
313	1	H5	
314	1	A0	
315	4	B9	
316	3	A5	
317	1	F5	
318	1	F2	
319	4	H0	
320	1	G5	
321	2	A8	
322	2	G0	
323	6	A0	
324	2	H5	

298	-51°	2658	7	40.2	-51	54.4	9.0	∧ ∨
299	-52°	1262	7	40.5	-52	37.2	8.7	∧ ∨
300	-52°	1264	7	40.6	-52	32.4	7.8	∧ ∨ -52° 1265 elliptical
301	-52°	1266	7	40.9	-52	21.8	9.0	∧ ∨
302	-52°	1267	7	41.0	-52	29.1	8.8	∧ ∨
303	-52°	1269	7	41.2	-52	50.9	9.0	∧ ∨
304	-52°	1273	7	41.8	-52	39.1	7.8	∧ ∨
305	-52°	1275	7	41.9	-52	43.9	9.2	∧ ∨
306	-51°	2647	7	40.1	-51	38.6	9.5	∧ ∨
307	-51°	2656	7	41.0	-51	28.9	8.3	∧ ∨
308	-51°	2660	7	41.2	-51	27.8	9.5	∧ ∨
309	-51°	2663	7	41.5	-51	22.0	9.5	∧ ∨
310	-51°	2678	7	42.2	-51	3.7	7.7	∧ ∨
311	-51°	2684	7	42.9	-51	14.7	8.0	∧ ∨
312	-51°	2701	7	44.7	-51	20.9	8.9	∧ ∨
313	-51°	2686	7	43.0	-51	47.9	9.7	∧ ∨
314	-51°	2678	7	42.5	-51	45.6	9.8	∧ ∨
315	-50°	2820	7	28.5	-50	57.5	9.2	∧ ∨
316	-51°	2546	7	28.8	-51	3.0	9.5	∧ ∨
317	-51°	2539	7	28.0	-51	9.6	9.9	∧ ∨
318	-51°	2543	7	28.3	-51	12.6	9.9	∧ ∨
319	-51°	2544	7	28.4	-51	20.2	9.2	∧ ∨
320	-51°	2542	7	28.3	-51	58.3	9.7	∧ ∨
321	-52°	1208	7	28.4	-52	25.7	9.3	∧ ∨
322	-52°	1212	7	29.5	-52	25.0	9.4	∧ ∨
323	-52°	1215	7	30.0	-52	10.0	8.7	∧ ∨
324	-51°	2562	7	30.6	-51	51.4	9.0	∧ ∨

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Saturday. Feb. 1, 1913.
B24569 short disp.

No.	Int.	Class	Remark
325	6	F8	
326	4	A2	
327	3	F0	
328	1	K2	
329	2	A0	
330	4	B8	
331	2	A0	
332	1	K5	
333	7	F0	
334	2	A0	
335	4	A0	
336	4	A0	
337	3	G5	
338	7	G5	
339	9	A0	
340	2	A2	
341	2	F8	
342	5	A2	
343	3	A2	Partly superposed on 342.
344	2	A	" " " 343.
345	1	G5	
346	8	F8	
347	5	F0	
348	8	G5	
349	7	G5	
350	5	A2	
351	4	A3	

325	-51° 2555	7	30.0	-51	26.8	9.0	1	✓
326	-51° 2554	7	30.0	-51	10.2	9.6	1	✓
327	-51° 2560	7	30.5	-51	12.6	9.5	1	✓
328	-50° 2836	7	30.2	-50	55.8	9.7	1	✓
329	-50° 2855	7	31.6	-50	58.5	9.9	1	✓
330	-51° 2565	7	31.0	-51	27.4	9.7	1	✓
331	-51° 2570	7	31.3	-51	42.4	9.9	1	✓
332	-51° 2572	7	31.5	-51	21.7	9.4	1	✓
333	-51° 2580	7	32.4	-51	29.9	9.2	1	✓
334	-51° 2577	7	32.0	-51	44.0	9.9	1	✓
335	-51° 2579	7	32.3	-51	42.4	9.7	1	✓
336	-51° 2591	7	33.5	-51	35.2	9.4	1	✓
337	-51° 2599	7	34.0	-51	23.6	9.1	1	✓
338	-51° 2601	7	34.3	-51	8.3	9.5	1	✓
339	-51° 2606	7	35.0	-51	21.5	9.5	1	✓
340	-51° 2612	7	35.5	-51	44.1	9.8	1	✓
341	-52° 1244	7	36.7	-52	19.0	9.3	1	✓
342	-52° 1249	7	38.2	-52	2.1	8.8	1	✓
343	-52° 1250	7	38.3	-52	2.6	8.9	1	✓
344	-51° 2632	7	38.3	-51	57.0	9.7	1	✓
345	-52° 1253	7	38.5	-52	28.5	9.6	1	✓
346	-50° 2899	7	35.6	-50	47.9	8.6	1	✓
347	-50° 2906	7	36.4	-50	36.2	8.6	1	✓
348	-50° 2897	7	35.5	-50	17.5	7.6	1	✓
349	-50° 2908	7	36.6	-50	17.0	8.4	1	✓
350	-49° 2973	7	36.0	-49	54.7	9.0	1	✓
351	-49° 2980	7	36.6	-49	36.4	9.0	1	✓

-52° 1254 7 35.5 -52 49.5 10.0 superposed.

cards made out

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Saturday. Feb. 1, 1913.
B24589 short drift.

No.	Int.	Class	Remark
352	7	F2	
353	2	A0	
354	3	A0	"
355	3	F5	
356	2	A0	Time: 11.38 Feb. 3. 1913
357	2	G0	Time: 10.00
358	3	A0	
359	3	A0	The northern of two
360	2	F2	
361	1	G5	
362	4	A5	
363	1	K5	
364	1	K0	
365	7	K2	
366	2	A2	
367	4	A0	
368	2	F0	
369	3	A0	
370	1	A	
371	7	A0	
372	5	A2	
373	4	F8	
374	4	F0	
375	9	A0	
376	7	K0	
377	5	A2	
378	2	Ma	

352	-49° 2986	7	37.4	-49	24.3	8.0	↑↓
	-49° 2992	7	38.0	-49	48.0	9.7	↑
353	-50° 2916	7	37.7	-50	49.9	8.3	↓
354	-50° 2928	7	38.8	-50	6.0	9.7	↑↓
355	-50° 2916	7	37.7	-50	49.9	8.3	↑↓
356	-50° 2921	7	38.3	-50	44.4	9.6	↑↓
357	-50° 2943	7	40.7	-50	40.3	9.7	↑↓
358	-50° 2952	7	41.3	-50	34.1	9.6	↑↓
359	-50° 2956	7	41.8	-50	41.1	9.8	↑↓
360	-50° 2955	7	41.8	-50	19.4	9.5	↑↓
361	-50° 2959	7	42.0	-50	17.4	9.8	↑↓
362	-50° 2980	7	44.0	-50	35.4	9.2	↑↓
363	-50° 2976	7	43.8	-50	51.6	9.4	↑↓
364	-50° 2983	7	44.2	-50	52.1	9.7	↑↓
365	-50° 3001	7	46.6	-50	30.0	8.3	↑↓
366	-50° 3002	7	46.7	-50	13.9	9.8	↑↓
367	-50° 2993	7	46.5	-50	5.6	9.6	↑↓
368	-50° 2991	7	45.0	-50	13.4	9.6	↑↓
369	-53° 1287	7	11.2	-53	16.9	9.1	↑↓
370	-53° 1288	7	11.3	-53	20.1	9.8	↑↓
371	-53° 1292	7	12.0	-53	13.7	8.4	↑↓
372	-53° 1295	7	12.2	-53	12.8	9.0	↑↓
373	-53° 1299	7	12.8	-53	14.4	9.0	↑↓
374	-53° 1300	7	12.9	-53	18.3	9.0	↑↓
375	-53° 1301	7	13.0	-53	22.7	8.0	↑↓
376	-53° 1303	7	13.5	-53	5.9	8.5	↑↓
377	-53° 1304	7	13.8	-53	12.8	8.7	↑↓
378	-53° 1306	7	14.0	-53	45.3	9.3	↑↓

-50° 2957 7 41.8 -50 44.3 9.8 superposed

Bands made out

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Monday. Feb. 3. 1913.

B2145 89 short disp.

No.	Int.	Class	Remark
379	1	As	Partly superposed on 380.
380	2	Ae	
381	1	Fo	
382	1	Ky5	
383	7	F5	
384	7	Ky5	
385	2	Fo	
386	1	Ko	
387	1	Ae2	
388	1	Ko	
389	8	As	
390	2	As	
391	2	Fg	
392	1	A	
18.38	393	4	Ko
10.57	394	4	Ak
	395	2	A2
	396	2	Ky
	397	2	Ao
	398	3	A3
	399	4	Ky5
	400	5	As
	401	1	Ko
	402	1	K2
	403	2	Ae2
	404	4	As
	405	5	Ky5

379	-53° 1311	7	15.4	-53	5.5	9.2	∧ ∨
380	-53° 1312	7	15.5	-53	1.5	9.9	∧ ∨
381	-52° 1133	7	14.6	-52	49.8	9.4	∧ ∨
382	-52° 1135	7	14.9	-52	35.1	9.4	∧ ∨
383	-52° 1144	7	16.0	-52	18.4	8.0	∧ ∨
384	-52° 1149	7	16.9	-52	19.8	8.2	∧ ∨
385	-52° 1151	7	17.0	-52	27.5	9.2	∧ ∨
386	-52° 1147	7	16.8	-52	33.8	9.6	∧ ∨
387	-52° 1147	7	16.6	-52	37.5	9.3	∧ ∨
388	-52° 1146	7	16.1	-52	38.2	9.8	∧ ∨
389	-51° 2422	7	15.1	-51	48.2	8.0	∧ ∨
390	-51° 2426	7	15.6	-51	46.8	10	∧ ∨
391	-51° 2428	7	15.7	-51	34.5	10	∧ ∨
392	-51° 2443	7	17.5	-51	36.0	9.7	∧ ∨
393	-51° 2450	7	17.9	-51	37.6	9.0	∧ ∨
394	-50° 2711	7	18.1	-50	59.0	9.7	∧ ∨
395	-51° 2449	7	17.9	-51	3.2	10	∧ ∨
396	-51° 2452	7	18.2	-51	5.0	9.5	∧ ∨
397	-51° 2463	7	18.4	-51	16.3	9.9	∧ ∨
398	-51° 2459	7	18.9	-51	18.7	9.8	∧ ∨
399	-51° 2460	7	19.1	-51	15.0	9.7	∧ ∨
400	-51° 2470	7	20.3	-51	15.5	9.7	∧ ∨
401	-51° 2476	7	20.9	-51	28.4	9.8	∧ ∨
402	-51° 2477	7	21.0	-51	49.0	9.8	∧ ∨
403	-50° 2726	7	20.0	-50	52.2	9.8	∧ ∨
404	-50° 2736	7	20.8	-50	22.0	9.0	∧ ∨
405	-50° 2749	7	22.2	-50	14.8	9.6	∧ ∨

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Monday, Feb. 3, 1913.
T3245g short axis.

Nos.	Int.	Class	Remark
406	2	A0	
407	2	F2	
408	6	F0	
409	8	F0	
410	3	F5	
411	2	F5	
412	2	F5	
413	4	A0	
414	2	G5	
415	4	A0	
416	7	F0	
417	5	F5	
418	8	A2	
419	5	G0	
420	1	A	
421	1	G	
422	1	F0	
423	1	F5	
424	4	F8	
425	1	F0	
426	4	F0	
427	3	F0	
428	2	F0	
429	6	G0	
430	2	A2	
431	R3	G5	
432	2	F0	

406	−50° 2740	7	21.5	−50	1.9	9.8	1 ∨
	−49° 2818	7	21.1	−49	54.6	9.3	
407	−52 1136	7	14.9	−52	10.1	9.6	1 ∨
408	−49° 2820	7	21.3	−49	31.2	8.7	1 ∨
409	−49° 2826	7	21.9	−49	39.9	8.0	1 ∨
410	−49° 2825	7	21.8	−49	4558	9.8	1 ∨
411	−49° 2839	7	22.8	−49	45.4	9.0	1 ∨
412	−49° 2830	7	22.2	−49	27.7	9.7	1 ∨
413	−49° 2838	7	22.7	−49	29.4	9.7	1 ∨
414	−49° 2843	7	22.9	−49	26.0	9.7	1 ∨
415	−49° 2853	7	24.0	−49	26.4	9.4	1 ∨
416	−49° 2861	7	24.9	−49	16.0	9.0	1 ∨
417	−48° 2974	7	25.1	−48	53.7	9.3	1 ∨
418	−48° 2981	7	25.8	−48	57.5	8.5	1 ∨
419	−49° 2841	7	22.9	−49	10.2	9.0	1 ∨
420	−49° 2854	7	24.0	−49	3.6	9.7	1 ∨
421	−50° 2783	7	25.3	−50	7.7	10	1 ∨
422	−49° 2880	7	26.8	−49	49.0	9.6	1 ∨
423	−49° 2889	7	27.5	−49	50.2	9.8	1 ∨
424	−50° 2816	7	28.3	−50	5.1	9.6	1 ∨
425	−50° 2808	7	27.6	−50	20.7	9.3	1 ∨
426	−50° 2817	7	28.4	−50	22.2	9.2	1 ∨
427	−50° 2819	7	28.5	−50	26.4	9.4	1 ∨
428	−50° 2821	7	28.6	−50	32.5	9.7	1 ∨
429	−50° 2830	7	29.6	−50	31.0	9.3	1 ∨
430	−50° 2838	7	30.7	−50	22.6	9.9	1 ∨
431	−50° 2838	7	30.8	−50	35.6	9.2	1 ∨
432	−50° 2839	7	30.8	−50	31.1	9.2	1 ∨

Cards made out

−50° 2816.7 276-58 27 377
−50° 2816.7 277-58 324 9.6
Duplicated

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Monday. Feb. 3. 1913.
T324589 short drift

No.	Int.	Class	Remark
433	5	Ma	
434	3	fg	Nearly all superposed on 433.
435	4	f8	
436	2	A3	
437	7	A5	
438	4	A2	
439	2	A0	
440	2	A5	
441	5	A5	
442	7	f5	
443	5	fg5	
444	2	A2	
445	2	f0	
446	5	f0	
447	2	A0	
448	6	f0	
449	6	f2	
450	1	f1½	
451	1	f½	
452	1	A	
453	5	fg0	
454	5	Mb	
455	8	f0	
456	4	A2	
457	4	f5	
458	4	A0	
459	6	f0	

433	-50° 2841	7	30.9	-50	34.1	7.7	↑↓
434	-50° 2840	7	30.8	-50	34.8	9.4	↑↓
435	-50° 2853	7	31.6	-50	32.3	9.6	↑↓
436	-50° 2851	7	31.5	-50	37.1	10	↑↓
437	-50° 2864	7	32.5	-50	16.6	8.9	↑↓
438	-50° 2863	7	32.4	-50	25.9	9.6	↑↓
439	-50° 2874	7	33.5	-50	18.1	9.8	↑↓
440	-50° 2890	7	34.8	-50	19.1	9.7	↑↓
441	-49° 2965	7	35.4	-49	24.1	9.1	↑↓
442	-49° 2976	7	36.5	-49	8.4	8.3	↑↓
443	-49° 2901	7	29.0	-49	35.3	8.6	↑↓
444	-49° 2902	7	29.1	-49	25.4	9.6	↑↓
445	-49° 2912	7	30.4	-49	28.2	9.2	↑↓
446	-49° 2914	7	30.6	-49	28.7	8.5	↑↓
447	-49° 2917	7	30.8	-49	57.4	9.9	↑↓
448	-49° 2927	7	32.1	-49	33.2	8.0	↑↓
449	-49° 2927 (32 / 32.5)	7	32.5	-49	33.2 (39.6)	8.0	↑↓
450	-49° 2938	7	33.3	-49	38.3	9.2	↑↓
451	-49° 2940	7	33.4	-49	20.6	9.3	↑↓
452	-49° 2949	7	34.1	-49	18.5	9.7	↑↓
453	-48° 3085	7	34.5	-48	59.3	9.3	↑↓
454	-50° 2634	7	9.3	-50	6.5	7.9	↑↓
455	-49° 2686	7	9.2	-49	36.8	8.0	↑↓
456	-49° 2692	7	10.1	-49	48.0	9.7	↑↓
457	-49° 2698	7	10.6	-49	43.4	7.7	↑↓
458	-49° 2699	7	10.7	-49	47.9	9.7	↑↓
459	-49° 2708	7	11.9	-49	28.6	9.0	↑↓

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Monday. Feb. 3. 1913.

T3245 9 plates 8 disp.

No.	Int.	Class	Remark
460	4	A0	
461	5	F5	
462	7	A0	
463	7	F0	
464	4	F0	
465	3	F0	Patty superposed on 464.
466	5	A0	
467	9	K0	
468	2	F2	
469	5	K0	
470	2	F5	
471	9	F0	
472	8	A5	
473	7	F0	
474	8	F0	
475	2	A5	
476	5	F5	
477	2	F0	
478	6	A2	
479	2	F5	(near a bright star)
480	1	F5	
481	3	A5	
482	1	F5	
483	4	K5	
484	2	K0	
485	4	K5	
486	3	F5	

460	−49° 2720	7	12.8	−49	39.9	9.5	∧ ∨
461	−49° 2718	7	12.6	−49	48.2	9.5	1 ∨
462	−50° 2654	7	11.9	−50	14.9	9.3	1 ∨
463	−50° 2660	7	12.4	−50	16.6	7.7	1 ∨
464	−50° 2669	7	13.8	−50	0.4	8.8	1 ∨
465	−50° 2668	7	13.7	−50	4.7	9.0	1 ∨
466	−50° 2676	7	14.6	−50	48.7	9.4	1 ∨
467	−50° 2680	7	15.0	−50	49.2	7.8	1 ∨
468	−50° 2684	7	15.3	−50	23.4	9.5	1 ∨
469	−50° 2690	7	15.9	−50	19.0	8.9	1 ∨
470	−50° 2691	7	16.1	−50	11.8	9.8	1 ∨
471	−49° 2757	7	16.0	−49	45.0	7.3	1 ∨
472	−49° 2770	7	17.0	−49	10.1	8.3	1 ∨
473	−49° 2784	7	18.2	−49	10.0	8.0	1 ∨
474	−49° 2788	7	19.0	−49	6.2	8.0	∧ ∨
475	−49° 2798	7	19.6	−49	18.0	9.7	1 ∨
476	−49° 2775	7	17.3	−49	~~34.7~~ 34.6	9.3	∧ ∨
477	−49° 2774	7	17.3	−49	56.3	9.6	1 ∨
478	−50° 2709	7	18.0	−50	20.4	9.3	1 ∨
479	−50° 2707	7	17.8	−50	33.8	8.8	1 ∨
480	−49° 2789	7	19.0	−49	51.3	9.6	1 ∨
481	−50° 2717	7	19.0	−50	2.8	9.2	1 ∨
482	−49° 2805	7	20.0	−49	33.2	9.3	∧ ∨
483	−51° 2364	7	10.1	−51	2.7	8.6	∧ ∨
484	−51° 2372	7	10.7	−51	5.6	9.3	∧ ∨
485	−51° 2376	7	11.0	−51	15.6	9.3	1 ∨
486	−51° 23~~77~~ 80	7	11.5	−51	28.8	9.7	1 ∨

cards made out

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Monday Feb. 9, 1913.
T3 2458q short disp.

No.	Int.	Class	Remark
487	1	$1_{\frac{1}{2}}$	
488	4	A_0	
489	4	F_2	
490	2	$1_{\frac{1}{2}0}$	
491	7	B_9	
492	2	$1_{\frac{1}{2}5}$	The 1m following of two.
493	4	A_0	
494	3	F_8	
495	2	$1_{\frac{1}{2}0}$	
496	1	A_3	
497	1	$1_{\frac{1}{2}5}$	
498	2	$1_{\frac{1}{2}5}$	
499	3	$1_{\frac{1}{2}5}$	
Time 11.22	500	3	F_2

Unk. 134,

487	-51°	2393	7	12.7	-51	18.8	9.6	1	v
488	-51°	2403	7	13.2	-51	22.0	9.5	1	v
489	-51°	2406	7	13.4	-51	223.8	9.8	1	v
490	-51°	2371	7	10.7	-51	36.6	9.1	1	J
491	-51°	2382	7	11.6	-51	59.1	9.5	1	J
492	-51°	2392	7	12.4	-51	40.5	9.3	1	v
493	-51°	2397	7	12.6	-51	42.5	9.8	1	J
494	-51°	~~2399~~ 2400	7	13.0	-51	47.2	9.6	1	v
495	-51°	2398	7	12.8	-51	54.2	9.6	1	v
496	-51°	2418	7	14.3	-51	55.4	10.0	1	J
497	-52°	1136	7	14.9	-52	10.1	9.6	1	v
498	-52°	1124	7	12.5	-52	35.1	9.4	1	J
499	-52°	1118	7	10.9	-52	48.0	9.4	1	v
500	-52°	1113	7	9.8	-52	28.1	9.2	1	v

Identified by J. C. M. Feb. 27, 1913.
Checked March 13, 1913 LDW
Cards made out by M. C. W.
Cards checked by ADC.

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Mr. Grt. Class Remark

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Wednesday. Feb. 5, 1913.

B 20556 slant disp.

Terms: 10.63

No.	Int.	Class	Remark
1	7	Ao	
2	5	Fo	
3	2	A2	
4	3	F2	
5	3	F5	
6	2	Go	
7	4	G2	
8	1	K0	
9	4	Ao	
10	2	F2	
11	8	F5	
12	3	Fo	
13	4	Bq	
14	1	?	
15	9	B8	
16	4	K0	
17	1	K0	
18	3	Ao	
19	3	G5	
20	5	G2	
21	9	F2	
22	7	F2	
23	3	Fo	
24	2	M5	
25	5	M5	
26	3	Mo	
27	3	K5	

1	-39°	2777	6	37.8	-39	39.8	7.7	✓
2	-39°	2802	6	39.6	-39	44.0	7.7	✓
3	-39°	2806	6	40.1	-39	50.0	8.7	✓
4	-40°	2644	6	38.8	-40	44.2	8.7	✓
5	-40°	2650	6	39.3	-40	47.6	7.6	✓
6	-40°	2654	6	39.8	-40	52.3	9.0	✓
7	-40°	2684	6	43.0	-40	36.6	7.5	✓
8	-40°	2681	6	42.7	-40	57.6	8.6	✓
9	-41°	2584	6	43.0	-41	19.6	8.7	✓
10	-41°	2587	6	43.6	-41	12.6	8.9	✓
11	-41°	2602	6	45.6	-41	17.6	7.0	✓
12	-41°	2605	6	45.8	-41	9.6	8.6	✓
13	-40°	2715	6	46.3	-40	46.5	8.3	✓
14	-40°	2721	6	46.7	-40	28.0	9.4	✓
15	-40°	2734	6	47.4	-40	23.8	7.5	✓
16	-40°	2753	6	48.8	-40	33.6	7.5	✓
17	-40°	2754	6	49.0	-40	21.4	8.5	✓
18	-41°	2604	6	45.7	-41	42.6	8.7	✓
19	-42°	2765	6	46.1	-42	0.2	8.8	✓
20	-42°	2778	6	47.2	-42	3.5	7.5	✓
21	-42°	2793	6	48.8	-42	21.2	7.0	✓
22	-42°	2799	6	49.1	-42	28.6	7.8	✓
23	-42°	2795	6	49.0	-42	33.0	9.2	✓
24	-42°	2791	6	48.6	-42	42.9	9.0	✓
25	-42°	2785	6	48.0	-42	56.9	8.1	✓
26	-42°	2810	6	49.9	-42	57.3	9.0	✓
27	-42°	2819	6	50.6	-42	57.2	8.6	✓

cards made out

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Wednesday. Feb. 5, 1913.

B32056 slant disk.

No.	Int.	Class	Remark
28	3	F_0	
29	4	K	0, 8, 10.
30	2	G_5	
31	1	G_5	
32	3	F_0	
33	3	A_0	
34	4	A_0	
35	2	K_0	
36	1	G_5	
37	1	G_5	
38	7	A_5	
39	5	A_3	
40	3	K_0	
41	8	A_3	
42	2	A_5	
43	5	B_8	
44	2	K_0	
45	3	K_2	
46	10	B_9	
47	10+	F_0	
47a	7	F_0	Nearly all superposed on 47
48	1	K_2	Partly superposed on 47.
49	2	K_2	
50	3	A_0	
51	9	B_9	
52	10+	A_2	
53	1	A_3	
54	2	A_3	

28	-42°	2820	6	50.8 - 42	35.2	8.8	✓
29	-42°	2818	6	50.5 - 42	12.6	6.7	✓
30	-41°	2647	6	50.1 - 41	46.5	8.6	✓
31	-41°	2639	6	49.7 - 41	46.8	8.5	✓
32	-42°	2805	6	49.5 - 42	4.0	8.6	✓
33	-41°	2690	6	53.1 - 41	45.1	8.9	✓
34	-42°	2809	6	52.6 - 42	2.8	8.9	✓
35	-41°	2668	6	51.8 - 41	9.5	8.0	✓
36	-40°	2784	6	51.1 - 40	54.4	8.8	✓
37	-41°	2694	6	53.6 - 41	7.5	8.7	✓
38	-41°	2696	6	53.8 - 41	51.4	7.7	✓
39	-41°	2708	6	54.5 - 41	47.9	8.3	✓
40	-42°	2850	6	53.9 - 42	6.4	8.7	✓
41	-42°	2851	6	53.9 - 42	26.3	7.8	✓
42	-42°	2861	6	54.2 - 42	22.2	9.4	✓
43	-42°	2870	6	55.4 - 42	4.2	8.2	✓
44	-42°	2882	6	56.2 - 42	42.7	8.6	✓
45	-43°	2860	6	56.5 - 43	19.5	8.3	✓
46	-43°	2882	6	58.4 - 43	13.4	6.8	✓
47	-43°	2906	7	0.1 - 43	25.9	5.8	✓
47a	-43°	2927	7	0.2 - 43	26.1	7.5	✓
48	-43°	2924	7	0.0 - 43	23.2	9.2	✓
49	-42°	2956	7	1.7 - 42	48.0	8.8	✓
50	-42°	2954	7	1.5 - 42	29.9	9.6	✓
51	-42°	2959	7	2.0 - 42	8.1	7.5	✓
52	-42°	2929	7	0.1 - 42	9.2	5.5	✓
53	-42°	2938	7	0.6 - 42	24.8	9.4	✓
54	-42°	2927	7	0.0 - 42	21.4	9.5	✓

cards made out

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Wednesday. Feb. 5, 1913.
B2055b short disp.

No.	Int.	Class	Remark
55	2	F0	
56	1	F	
57	10+	F3g	
58	4	F0	
59	2	A0	
60	1	F	
61	5	A5	
62	1	F5	
63	9	F3g	
64	1	F0	
65	1	G5	
66	1	F0	
67	2	A0	
68	2	F0	
69	2	F0	
70	1	F0	
71	1	F0	
72	1	A3	Partly superposed on 71.
73	2	G0	
74	1	G5	
75	1	G5	Partly superposed on 76.
76	2	A2	
77	2	A2	
78	2	F0	
79	10+	A0	
80	10+	A0	
81	1	F2	

55	-42°	2936	7	0.5	-42	35.5	8.9
56	-42°	2949	7	1.2	-42	39.7	9.5
57	-43°	2756	6	49.0	-43	49.5	6.7
58	-43°	2785	6	50.9	-43	50.2	7.7
	-43°	2791	6	51.2	-43	27.2	9.3
59	-43°	2794	6	51.4	-43	27.2	9.3
60	-43°	2796	6	51.4	-43	6.4	9.3
61	-43°	2823	6	53.6	-43	3.5	9.1
62	-43°	2833	6	54.6	-43	1.3	9.5
63	-43°	2824	6	53.7	-43	37.2	7.6
64	-43°	2815	6	53.1	-43	52.7	9.1
65	-43°	2807	6	52.7	-43	36.0	9.0
66	-44°	3007	6	51.5	-44	3.9	9.3
67	-44°	3011	6	51.6	-44	11.0	9.4
68	-44°	2993	6	49.9	-44	5.4	8.7
69	-44°	2998	6	50.5	-44	13.3	8.9
70	-44°	3012	6	51.7	-44	45.9	8.7
71	-44°	3046	6	54.2	-44	25.9	8.6
72	-44°	3047	6	54.3	-44	27.0	9.6
73	-43°	2842	6	55.0	-43	54.9	9.3
74	-44°	3061	6	55.8	-44	6.4	9.3
75	-43°	2965	6 7	4.8	-43	30.0	8.9
76	-43°	2970	7	5.0	-43	26.6	9.1
77	-43°	3004	7	7.1	-43	16.5	9.1
78	-43°	3029	7	9.1	-43	26.7	8.9
79	-45°	2850	6	55.1	-45	36.0	6.6
80	-45°	2843	6	54.4	-45	55.6	6.9
	-41	2534	6	37.9	-41	8.8	8.5
81	-41°	2931	6	377	-41	14.8	9.4

Cards made out

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Wednesday. Feb. 5, 1913.
B320556 chart disp.

No.	Int.	Class	Remark
82	4	Ly5	
83	6	Fo	
84	1	Ly	Partly superposed on 82.
85	6	Lf0	
86	2	Ly5	
87	3	F0	
88	3	F2	
89	8	A0	
90	2	Ly5	
91	3	F2	
92	4	F0	
93	2	A2	
94	1	A3	
95	4	F0	
96	9		
97	8	A3	
98	1	A2	
99	4	F0	
100	5	F0	
101	3	F5	
102	1	A0	The nucleus of two.
103	3	A0	
104	4	F2	
105	2	F5	
106	2	F8	
10.22 107	2	F0	
10.27 108	6	Dn5	Additional hyd. lines very strong!

82	-41°	2539	6	38.4	-41	36.2	7.9 ✓
83	-41°	2543	6	38.6	-41	41.8	7.8 ✓
84	-41°	2538	6	38.3	-41	39.2	8.7 ✓
85	-42°	2683	6	38.6	-42	27.0	8.4 ✓
86	-42°	2700	6	40.2	-42	35.5	8.7 ✓
87	-42°	2714	6	41.7	-42	24.4	8.9 ✓
88	-42°	2721	6	42.1	-42	45.5	9.5 ✓
89	-42°	2750	6	44.5	-42	55.0	8.3 ✓
90	-42°	2740	6	44.0	-42	30.0	8.7 ✓
91	-43°	2665	6	41.4	-43	44.4	9.2 ✓
92	-43°	2678	6	42.8	-43	40.0	8.6 ✓
93	-43°	2696	6	44.0	-43	46.8	9.2 ✓
94	-43°	2695	6	43.9	-43	19.6	9.3 ✓
95	-43°	2706	6	44.8	-43	29.6	8.5 ✓
96	-43°	2709	6	44.9	-43	39.7	6.9 ✓
97	-43°	2703	6	44.5	-43	39.7	7.0 ✓
98	-42°	2759	6	45.6	-42	48.6	9.6 ✓
99	-43°	2734	6	46.9	-43	31.8	9.2 ✓
100	-44°	2974	6	47.9	-44	9.7	8.0 ✓
101	-44°	2969	6	47.7	-44	18.6	8.3 ✓
102	-44°	2967	6	47.6	-44	34.1	9.5 ✓
103	-45°	2754	6	44.6	-45	14.6	9.3 ✓
104	-44°	2916	6	44.0	-44	34.9	7.8 ✓
105	-44°	2908	6	43.1	-44	58.3	8.2 ✓
106	-44°	2911	6	43.2	-44	33.5	9.1 ✓
107	-44°	2900	6	42.5	-44	28.6	9.0 ✓
108	-44°	2920	6	44.3	-44	10.6	8.7 ✓

-43° 2788 6 46.9 -43 30.0 8.6 Position above was given in G.B.M. Ruled on 473 on the chart plate and in G.B.M. Book — G.B.M.?

cards made out

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Wednesday Feb. 5, 1913.
B 20556 chart disp.

	No.	Int.	Class	Remark
	109	6	A2	
	110	2	A0	
10.39	111	3	K5	
10.43	112	5	F0	
	113	4	F0	
	114	5	A5	
	115	2	K0	
	116	9	B5	
	117	5	K5	
	118	8	A0	
10.54	119	10+	A	Burned out
~~10.44~~	120			

cmb. 133, 176

109	-43°	2644	6	39.8	-43	58.9	7.8 ✓
110	-43°	2634	6	38.8	-43	22.8	8.6 ✓
111	-44°	2841	6	37.1	-44	17.6	8.4 ✓
112	-44°	2846	6	37.6	-44	59.6	8.7 ✓
113	-45°	2676	6	37.7	-45	9.3	9.0 ✓
114	-43°	2604	6	36.5	-43	34.6	9.1 ✓
115	-43°	2603	6	36.5	-43	46.1	9.0 ✓
116	-43°	2596	6	36.0	-43	17.3	7.7 ✓
117	-43°	2592	6	35.6	-43	18.6	7.5 ✓
118	-43°	2587	6	35.0	-43	42.7	8.1 ✓
119	-43°	2576	6	33.9	-43	5.2	3.5 ✓

Identified by AMC, Feb. 21, 1913
Checked by J. C. M. March 4, 1913
cards made out by M. C. W.
Cards checked by AMC.

1-

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Wednesday, Feb. 5, 1913

B20786 short disp.

Time: 11. 36

No.	Int.	Class	Remark
1	2	Ao	
2	1	fp5	
3	1	fp	Party superposed on 2.
4	3	Ea2	
5	2	Ho	
6	2	Ao	
7	7	B5	
8	2	Ao	
9	3	Ao	
10	3	A5	
11	6	Ho	
12	2	Ao	
13	3	Ao	
14	7	Ho	
15	4	fp5	
16	4	Ea2	
17	6	Ho	
18	3	fp0	
19	7	A5	
20	8	B8	
21	3	Ao	
22	6	fp5	
23	3	A5	
24	5	Ao	
25	4	A2	
26	2	Ho	
27	4	Ao	

1	-45°	3162	7	20.3	-45	1.4	9.5	∧ J
2	-44°	3392	7	20.8	-44	58.5	9.1	∧ J
3	-44°	3398	7	21.1	-44	54.8	9.3	∧ J
4	-44°	3413	7	22.2	-44	47.8	9.5	∧ J superposed on 3412
5	-44°	3434	7	23.7	-44	33.9	8.5	∧ V
6	-45°	3206	7	24.3	-45	6.1	9.4	∧ J
7	-44°	3467	7	26.0	-44	38.9	7.9	∧ V
8	-44°	3472	7	26.2	-44	53.7	9.5	∧ J
9	-44°	3490	7	27.0	-44	44.4	9.5	∧ J
10	-44°	3497	7	27.3	-44	15.1	8.6	∧ ✓
11	-44°	3546	7	30.3	-44	26.2	7.1	∧ J
12	-44°	3569	7	32.0	-44	20.9	9.5	∧ J
13	-44°	3577	7	32.6	-44	7.1	9.7	∧ V
14	-44°	3573	7	32.4	-44	40.7	7.1	∧ J
15	-44°	3586	7	33.1	-44	44.9	7.7	∧ V
16	-44°	3581	7	32.8	-44	59.6	8.9	∧ V
17	-45°	3310	7	33.0	-45	9.3	7.5	∧ J
18	-45°	3316	7	33.3	-45	18.2	9.0	∧ J
19	-45°	3335	7	34.6	-45	15.6	8.3	∧ J
20	-44°	3619	7	34.9	-44	33.0	9.1	∧ ✓
21	-44°	3630	7	35.9	-44	29.3	9.3	∧ ✓
22	-44°	3636	7	36.2	-44	8.6	7.7	∧ J
23	-44°	3643	7	36.4	-44	2.0	9.2	∧ ✓
24	-43°	3438	7	35.4	-43	41.4	9.0	∧ J
25	-43°	3447	7	35.8	-43	35.0	9.2	∧ V
26	-43°	3414	7	34.0	-43	21.6	8.3	∧ ✓
27	-43°	3425	7	34.7	-43	18.6	9.2	∧ J

cards made out

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Wednesday. Feb. 5, 1913.
D3 20786 short disp.

Nr.	Int	Class	Remark
28	1	A	
29	4	A0	
30	2	A3	
31	4	.F5	
32	6	F2	
33	4	B9	
34	5	B3	
35	3	Ma	
36	2	A2	
37	6	A0	
38	4	F5	
39	4	F8	
40	5	A3	
41	5	A3	
42	8	B5	
43	2	A0	
44	2	F0	
45	1	A0	
46	6	A0	
47	2	A0	Patty superposed on 46.
48	3	F2	
49	9	A0	
50	4	F0	
51	4	A0	
52	3	F2	
53	6	A0	
54	1	F2	

28	-43°	3436	7	35.4	-43	11.6	9.9	1 ↙
29	-42°	3406	7	36.4	-42	49.0	9.4	1 ↓
30	-45°	3353	7	35.5	-45	0.6	9.6	^ ↓
31	-44°	3634	7	36.2	-44	52.6	8.7	1 ↓
32	-45°	3366	7	36.3	-45	3.6	7.4	^ ↓
33	-45°	3382	7	37.8	-45	1.6	9.4	^ ↙
34	-45°	3374	7	36.8	-45	28.0	9.3	^ ↓
35	-45°	3362	7	36.1	-45	40.6	7.6	1 ↓
36	-45°	3392	7	38.1	-45	45.6	9.6	1 ↓
37	-45°	3400	7	38.7	-45	28.5	9.1	^ ↓
38	-45°	3411	7	39.7	-45	34.0	7.7	1 ↓
39	-45°	3418	7	40.2	-45	25.0	9.1	1 ↓
40	-45°	3412	7	39.9	-45	54.3	9.1	^ ↓
41	-46°	~~3385~~ 3393	7	41.7 1	-46	15.9 ~~20.9~~	9.3 ~~8.9~~	^ ↓
42	-45°	3444	7	42.5	-45	51.2	8.1	1 ↓
43	-45°	3449	7	42.9	-45	44.6	9.8	1 ↓
44	-46°	3435	7	41.7	-45	30.0	8.9	^ ↓
45	-45°	3432	7	41.1	-45	32.5	9.6	1 ↓
46	-45°	3427	7	41.0	-45	40.2	9.2	1 ↓
47	-45°	3426	7	40.9	-45	45.3	9.6	^ ↓
48	-44°	3708	7	41.4	-44	54.6	8.8	^ ↓
49	-44°	3708 9	7	1.5 ~~48.0~~	-44	34.7 ~~27.0~~	5 ~~7.8~~	^ ↓
50	-44°	3718	7	42.0	-44	27.4	7.7	^ ↓
51	-44°	3710	7	41.6	-44	4.3	9.1	^ ↓
52	-44°	3723	7	42.5	-44	46.8	8.3	^ ↓
53	-44°	3747	7	44.1	-44	13.8	8.6	^ ↓
54	-44°	3754	7	44.5	-44	56.8	8.5	^ ↓

cards made out

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Wednesday, Feb. 5, 1913.
B3 20786 short exp.

No	Plat.	Class	Remark
55	7	B8	
56	1	Ly5	
57	2	A0	
58	6	B9	
59	5	A0	
60	5	A0	
61	9	B3	
62	2	Ly0	Partly superposed on 61.
63	6	B5	
64	7	F2	
65	9	B8	
66	4	B9	
67	1	A0	
68	9	B5	
69	1	Ly	
70	7	B5	
71	2	B9	
72	4	Ly0	
73	4	Ly5	
74	1	Ly	
75	3	A0	
76	6	B8	
77	6	B9	
78	2	F8	
79	7	P:0.	
80	3	F5	
81	5	F5	

55	-45°	3471	7	44.7	-45	9.0	8.3	1 v
56	-45°	3464	7	44.2	-45	41.0	9.1	1 v
57	-45°	3469	7	44.5	-45	47.5	9.6	1 v
58	-46°	3447	7	44.5	-46	5.4	9.1	1 v
59	-46°	3456	7	45.1	-46	18.3	8.8	1 v
60	-46°	3452	7	44.8	-46	38.2	9.3	1 v
61	-46°	3437	7	43.8	-46	42.2	8.0	1 v
62	-46°	3438	7	43.9	-46	45.6	8.3	1 v
63	-46°	3446	7	44.4	-46	58.0	8.7	1 v
64	-46°	3429	7	43.1	-46	45.2	8.2	1 v
65	-46°	3421	7	43.0	-46	29.8	7.8	1 v
66	-46°	3419	7	42.7	-46	38.2	9.1	1 v
67	-46°	3407	7	42.0	-46	28.1	9.8	1 v
68	-46°	3391	7	41.0	-46	42.4	7.0	1 v
69	-46°	3379	7	40.1	-46	32.8	9.4	1 v
70	-46°	3376	7	39.7	-46	45.0	8.4	1 v
71	-46°	3367	7	39.0	-46	36.4	9.6	1 v
72	-46°	3359	7	38.1	-46	36.8	8.8	1 v
73	-46°	3362	7	38.4	-46	21.8	8.5	1 v
74	-46°	3334	7	36.5	-46	29.5	9.4	1 v
75	-46°	3321	7	35.7	-46	26.4	9.0	1 v
76	-46°	3325	7	36.1	-46	46.0	8.6	1 v
77	-47°	3205	7	35.9	-47	15.7	8.3	1 v
78	-47°	3196	7	35.1	-47	16.0	9.2	1 v
79	-47°	3193	7	34.8	-47	25.6	8.3	1 v -47° 3192 Superposed mags. 9.3
81	-47°	3199	7	35.3	-47	41.5	9.0	1 v
81	-48°	3113	7	36.6	-48	13.4	8.8	1 v

cards made out

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Wednesday, Feb 5. 1913.
B2078 slant disp

No.	Gnt.	Class	Remark
82	6	B3	
83	6	F2	
84	1	A	
85	6	F5	
86	4	B5	
87	2	F0	
88	8	A0	
89	5	F2	
90	8	B9	
91	2	F6	
92	2	F0	
93	2	A2	
94	1	F2	
95	1	G5	
96	1	G0	
97	2	F8	
98	7	B8	
99	2	A0	
100	6	B5	
101	1	F8	
102	1	G5	
103	1	F5	
104	1	F0	
105	4	F5	
106	3	A0	
107	2	F2	
108	5	F0	

82	-46°	3219	7	28.5	-46	40.5	8.8	1 ↓
83	-46°	3243	7	30.4	-46	52.2	8.5	∧ ↓
84	-46°	3236	7	29.8	-46	30.2	9.5	1 ↓
85	-46°	3239	7	30.2	-46	28.0	8.1	1 ↓
86	-46°	3242	7	30.4	-46	22.2	8.9	1 ↓
87	-46°	3246	7	30.6	-46	29.0	8.1	∧ ↓
88	-46°	3263	7	31.6	-46	18.3	7.7	1 ↓
89	-46°	3271	7	32.2	-46	52.6	7.4	1 ↓
90	-46°	3277	7	32.7	-46	57.8	8.2	1 ↓
91	-46°	3290	7	33.8	-46	50.8	8.8	1 ↓
92	-45°	3281	7	30.3	-45	37.0	8.9	1 ↓
93	-45°	3280	7	30.3	-45	43.3	9.5	1 ↓
94	-45°	3301	7	32.0	-45	14.21	9.8	∧ ↓
95	-46°	3318	7	35.5	-46	0.4	9.4	1 ↓
96	-46°	3375	7	39.6	-46	5.8	9.6	∧ ↓
97	-47°	3099	7	26.8	-47	13.0	8.8	∧ ↓
98	-48°	2971	7	24.9	-48	33.4	8.21	1 ↓
99	-48°	2991	7	26.7	-48	20.5	9.3	∧ ↓
100	-48°	3023	7	29.3	-48	56.5	8.6	∧ ↓
101	-48°	3056	7	32.1	-48	3.7	9.5	∧ ↓
102	-47°	3134	7	30.1	-47	42.0	9.21	∧ ↓
103	-47°	3129	7	29.7	-47	32.0	9.21	∧ ↓
104	-48°	3135	7	38.8	-48	24.2	9.0	∧ ↓
105	-48°	3139	7	39.3	-48	51.1	8.7	∧ ↓
106	-49°	3023	7	40.2	-49	10.0	9.4	∧ ↓
107	-49°	3026	7	40.4	-49	18.9	9.4	∧ ↓
108	-49°	3042	7	41.6	-49	6.3	8.7	∧ ↓

cards made out

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Reduced aq. Feb. 5, 1913.
B 2078 closest disp.

No.	Int.	Class	Remark
109	4	Gs	
110	3	Ao	
111	4	Ao	
112	6	Ja	
113	6	Fs	
114	7	B8	
115	5	Ao	
116	5	Gs	Time 12.00 Feb. 6, 1913 Time: 10.22
117	2	Ja	
118	4	A2	
119	5	Jo	
120	2	Ao	Parity superposed on 121.
121	3	A2	
122	3	B9	
123	8	Fo	
124	6	Ao	
125	6	Ao	
126	6	A	E.
127	4	Ja	
128	3	Go	
129	6	Ao	
130	4	Ao	
131	7	B5	
132	8	B8	
133	3	B5	
134	4	Ao	
135	3	Ao	

109	-49°	3058	7	42.6	-49	13.5	8.2	A ↓
110	-49°	3058	7	43.2	-49	1.9	9.3	∧ ↓
111	-48°	3184	7	43.1	-48	35.8	9.2	↑ ↓
112	-48°	3176 3134	7	42.1 ~~43.1~~	8 -48	3.2 ~~42.0~~	7.8 ~~9.2~~	↑ ↓
113	-47°	3284 ~~3129~~	7	41.9 ~~29.7~~	-47	16.6 ~~32.0~~	8.1 ~~4.2~~	∧ ↓
114	-47°	3295	7	42.6	-47	22.8	8.2	∧ ↓
115	-47°	3310	7	43.5	-47	51.5	9.2	↑ ↓
116	-47°	3331	7	44.9	-47	43.3	8.1	↑ ↓
117	-47°	3336	7	45.6	-47	57.7	8.9	∧ ↓
118	-47°	3344	7	46.1	-47	53.0	9.5	∧ ↓
119	-47°	3362	7	47.4	-47	37.0	7.9	∧ ↓
120	-47°	3335	7	45.6	-47	22.7	9.3	↑ ↓
121	-47°	3338	7	45.7	-47	21.0	9.2	∧ ↓
122	-47°	3342	7	46.0	-47	5.4	9.6	∧ ↓
123	-46°	3487	7	47.1	-46	32.9	8.3	↑ ↓
124	-46°	3494	7	47.6	-46	23.0	9.1	↑ ↓
125	-46°	3484	7	47.0	-46	0.5	9.0	∧ ↓
126	-45°	3544	7	49.9	-45	38.0	9.0	∧ ↓
127	-46°	3570	7	51.6	-46	20.2	8.2	∧ ↓
128	-46°	3508	7	48.7	-46	54.8	9.0	↑ ↓
129	-47°	3384	7	48.7	-47	4.1	8.7	∧ ↓
130	-47°	3391	7	49.1	-47	42.3	9.0	↑ ↓
131	-47°	3353	7	46.9	-47	58.8	8.5	∧ ↓
132	-48°	3244	7	47.1	-48	13.5	8.0	↑ ↓
133	-48°	3226	7	45.9	-48	19.6	9.3	∧ ↓
134	-48°	3223	7	45.5	-48	28.1	8.9	∧ ↓
135	-48°	3193	7	43.7	-48	13.5	9.4	∧ ↓

cards made out

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Thursday. Feb. 6. 1913.
B 3207 86 short exps.

No.	Int.	Class	Remark
136	7	F2	
137	9	F3	
138	4	A0	
139	3	F5	
140	7	B9	
141	6	B9	
142	3	A0	
143	3	A0	
144	2	A0	
145	1	G5	
Time 10:30	146	2	A0
	147		
	148		
	149		
	150		

136	-49°	3069	7	44.5	-49	27.0	8.0	1 ✓
137	-49°	3062	7	43.5	-49	52.6	7.2	1 V
138	-48°	3253	7	47.8	-48	47.4	8.5	1 V
139	-48°	3257	7	47.9	-48	42.9	8.5	1 ✓
140	-48°	3264	7	48.5	-48	32.8	8.4	1 ✓
141	-48°	3270	7	48.7	-48	21.7	9.0	1 ✓
142	-48°	3288	7	48.8	-48	3.9 1.7	9.2	1 V
143	-44°	3669	7	38.6	-44	44.6	9.1	1 ✓
144	-44°	3667	7	38.6	-44	26.5	9.5	1 ✓
145	-44°	3666	7	38.4	-44	18.9	9.0	1 ✓
146	-43°	3488	7	38.2	-43	58.3	9.5	1 ✓
147								
"								

Identified by AMC. March 17, 1913
Checked March 27 1913 LFW
cards made out by Miss C.W.

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

Thursday, Feb. 4, 1913.

Time: 10.32

B 207 x 5 short exp.

No.	Int.	Class	Remark
1	8	l_5	
2	4	λ_5	
3	5	B3	
4	3	λ_0	
5	5	A2	
6	2	B9	
7	2	F8	
8	8	λ_5	
9	6	A5	
10	2	λ_0	
11	1	λ_5	
12	4	B8	Partly superposed on 13.
13	4	λ_5	
14	4	B9	
15	2	λ_0	
16	6	B5	
17	9	B8	
18	F4	B9	
19	4	A0	
20	4	A0	
21	2	λ_0	
22	1	l_5	
23	3	B9	
24	3	Ma	
25	2	λ_2	
26	4	B9	

1	−42°	3325	7	29.2	−42	48.9	7.0
2	−42°	3334	7	29.8	−42	50.5	7.1
3	−41°	3191	7	32.1	−41	48.4	8.5
4	−41°	3231	7	34.9	−41	15.4	8.5
5	−42°	3399	7	35.9	−42	11.1	8.6
6	−42°	3400	7	36.1	−42	2.3	9.4
7	−42°	3404	7	36.2	−42	4.2	9.2
8	−41°	3275	7	37.2	−41	36.0	7.7
9	−41°	3298	7	38.3	−41	26.1	8.3
10	−40°	3339	7	37.9	−40	59.9	8.8
11	−40°	3363	7	38.9	−40	48.4	8.3
12	−41°	3320	7	39.5	−41	5.2	8.5
13	−41°	3318	7	39.5	−41	9.8	7.3
14	−41°	3324	7	39.8	−41	33.4	8.7
15	−41°	3313	7	39.2	−41	45.0	9.0
16	−41°	3304	7	38.6	−41	56.2	7.7
17	−42°	3445	7	38.6	−42	16.2	7.5
18	−42°	3439	7	38.3	−42	19.9	9.1
19	−42°	3448	7	38.7	−42	27.4	8.9
20	−42°	3417	7	37.1	−42	30.0	8.8
21	−42°	3414	7	37.0	−42	37.9	9.3
22	−42°	3436	7	38.1	−42	37.7	9.3
23	−42°	3452	7	39.0	−42	57.7	9.1
24	−42°	3471	7	40.0	−42	40.7	7.7
25	−42°	3481	7	40.4	−42	36.3	9.3
26	−42°	3475	7	40.2	−42	43.1	9.5

cards made out

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Thursday, Feb. 6, 1913.
B20785 about disp.

No.	Put.	Class	Remark.
27	4	A5	
28	8	B9	Partly superposed on 29
29	8	B8	
30	2	A0	
31	2	F5	
32	4	A0	
33	7	A0	
34	9	B3	
35	7	B8	
36	1	G5	
37	5	B8	
38	6	A0	
39	3	A0	
40	2	A0	
41	3	G5	
42	2	A0	
43	1	A2	
44	3	A3	
45	3	A0	
46	4	A0	
47	4	B8	/
48	2	A0	—
49	2	F0	
50	1	F5	The middle of three stars
51	1	A0	
52	1	F8	
53	1	A0	

27	-42°	3516	7	42.2	-42	44.0	8.9	∧ ∨
28	-43°	3565	7	43.1	-43	2.1	7.7	∧ ∨
29	-43°	3569	7	43.1	-43	5.4	7.7	∧ ∨
30	-43°	3558	7	42.7	-43	15.6	9.8	∧ ∨
31	-43°	3588	7	44.1	-43	41.4	7.8	∧ ∨
32	-43°	3587	7	44.1	-43	57.4	8.9	∧ ∨
33	-43°	3614	7	45.2	-43	46.4	8.4	∧ ∨
34	-42°	3557	7	44.8	-42	59.9	7.6	∧ ∨
35	-42°	3541	7	44.0	-42	11.6	8.3	∧ ∨
36	-42°	3559	7	44.9	-42	12.8	9.1	∧ ∨
37	-42°	3566	7	45.2	-42	22.0	9.0	∧ ∨
38	-41°	3428	7	45.3	-41	39.2	8.5	∧ ∨
39	-41°	3437	7	45.8	-41	50.0	8.0	∧ ∨
40	-42°	3592	7	46.7	-42	17.8	9.7	∧ ∨
41	-42°	3585	7	46.4	-42	31.8	8.4	∧ ∨
42	-42°	3596	7	47.1	-42	37.9	9.2	∧ ∨
43	-41°	3345	7	40.9	-41	9.0	9.5	∧ ∨
44	-41°	3364	7	41.8	-41	6.2	8.5	∧ ∨
45	-41°	3359	7	41.6	-41	20.9	8.7	∧ ∨
46	-41°	3378	7	42.6	-41	23.2	8.3	∧ ∨
47	-41°	3405	7	43.8	-41	16.9	8.3	∧ ∨
48	-41°	3415	7	44.5	-41	28.8	8.9	∧ ∨
49	-41°	3379	7	42.7	-41	52.5	8.5	∧ ∨
50	-41°	3383	7	41.8	-41	53.2	9.8	41° 3365 mean 8.5 superposed
51	-42°	3480	7	40.3	-42	7.9	9.8	∧ ∨
52	-42°	3508	7	41.9	-42	27.0	9.3	∧ ∨
53	-41°	3220	7	34.1	-41	52.1	9.0	∧ ∨

cards made out

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Thursday. Feb. 6, 1913.
B 20785 short disp.

	No.	Int.	Class	Remark
	54	9	Ho	
	55	9	Gs	
10.42	56	5	As	
	57			
	58			
	57	4	Gs	
	58	8	Ao	
	59	5	Fo	
	60	4	B5	

	54	−44°	3762	7	46.5	−44	26.2	6.9	1 ✓	
	55	−44°	3780	7	46.7	−44	15.7	6.9	1 ✓	
	56	−43°	3656	7	47.3	−43	27.3	8.6	1 ✓	

Identified by Anne. Mar. 17, 1913
Checked. March 24. 1913 ✓ DW
cards made out by M. C. W.
Cards checked by A.M.C.

✓	57	−40°	3256	7	34.7	−40	31	8.3	36	on B20671
✓	58	−44	3549	7	31.7	−44	4	7.10	31	on B42162
✓	59	−38°	3363	7	20.3	−38	2	7.5	48	on B42928
✓	60	−39°	3388	7	28.3	−39	44	8.4	67	" "

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Thursday, Feb. 6, 1913.

Time: 11.35

B 2067 [illegible] cards [illegible] p 136, 48, 48

No	Int.	Class	Remark
301	1	K0	
302	1	G5	
303	3	K8	
304	2	K5	
305	2	K8	
306	2	M0	
307	2	A0	
308	1	A2	
309	1	G5	
310	2	K2	
311	2	M0	
312	1	K0	
313	1	G5	
314	1	K5	
315	2	K0	
316	1	A0	
317	1	G	Partly superposed on 318.
318	1	M0	
319	1	M5	
320	2	K5	
321	1	G5	
322	2	G5	
323	2	G0	
324	1	M0	
325	2	M2	
326	12	A5	
327	3	M9	

301	-42°	3090	7	12.0	-42	30.8	g.1	
302	-42°	3069	7	~~11.0~~ 10.8	-42	35.7	g.6	
303	-42°	3042	7	9.1	-42	47.9	g.8	
304	-42°	3087	7	8.6	-42	39.4	g.6	-N2° 3038 7 8.7 -N2 39.5 10.0 Superposed
305	-43°	2997	7	6.8	-43	11.6	g.4	
306	-43°	2990	7	6.1	-43	10.8	g.3	
307	-42°	3007	7	~~5~~ 5.9	-42	54.6	g.7	
308	-42°	2996	7	5.0	-42	52.2	g.3	
309	-43°	2962	7	4.6	-43	4.5	g.4	
310	-43°	2950	7	3.8	-43	13.7	g.5	
311	-43°	2935	7	2.7	-43	10.0	g.1	
312	-43°	2948	7	~~3.0~~ 1.8	-43	~~2.8~~ 2.5	g.6	
313	-42°	2940	7	0.6	-42	52.1	g.4	
314	-42°	2916	6	58.5	-42	55.0	g.7	
315	-42°	2946	7	0.9	-42	8.2	g.6	-N2° 2945 7 0.9 -N2 8.5 10.5 Superposed
316	-41°	2767	6	59.5	-41	57.2	g.7	
317	-41°	2777	7	0.1	-41	44.1	g.2	
318	-41°	2779	7	0.2	-41	39.7	g.3	
319	-42°	2934	7	0.5	-42	17.1	g.4	
320	-43°	2883	6	58.5	-43	23.6	g.3	
321	-43°	2894	6	59.5	-43	17.6	g.4	
322	-43°	2896	6	59.6	-43	24.9	g.4	
323	-42°	2845	6	53.4	-42	23.6	g.4	
324	-41°	2659	6	51.2	-41	34.9	g.1	
325	-43°	2971	7	5.0	-43	46.6	g.2	
326	-43°	2989	7	5.4	-43	42.0	g.8	-N3° 2990 7 5.N -N3 42.3 48.0 Superposed
327	-43°	2988	7	5.8	-43	54.0	g.5	

Cards made out

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Thursday, Feb. 6, 1913.

B2067 short disp.

No	Fact	Class	Remark
328	2	Fs	
329	3	Ao	
330	5	Fo	
331	4	Ao	
332	3	F2	
333	3	A2	
334	2	Fo	
335	2	Fs	
336	3	A2	
337	2	Ao	
338	2	Fs	
339	3	Fo	
340	1	F2	
341	3	As	
342	1	Fo	Partly superposed on 343.
343	2	A2	
344	4	Fo	
345	3	Fo	
346	2	A	E.
347	2	F8	
348	2	Go	
349	2	Fs	
350	2	As	
351	3	Go	
352	1	Fo	
353	3	A3	
354	3	Fo	

328	-43°	2992	7	6.2	-43	59.0	9.5	∧ ∨
329	-44°	3198	7	7.0	-44	14.6	9.6	∧ ∨
330	-44°	3204	7	7.6	-44	9.6	8.8	∧ ∨
331	-43°	3013	7	8.2	-43	42.0	9.5	∧ ∨
332	-43°	3014	7	8.3	-43	47.9	9.7	∧ ∨
333	-43°	3015	7	8.3	-43	54.6	9.7	∧ ∨
334	-43°	3037	7	9.7	-43	51.9	9.6	∧ ∨
335	-45°	3029	7	10.2	-45	32.4	9.2	∧ ∨
336	-45°	3049	7	12.0	-45	45.8	9.7	∧ ∨
337	-45°	3056	7	12.6	-45	43.9	9.8	∧ ∨
338	-45°	3074	7	14.2	-45	25.0	9.7	∧ ∨
339	-44°	3399	7	17.1	-44	58.7	9.4	∧ ∨
340	-44°	3348	7	17.5	-44	57.0	9.3	∧ ∨
341	-45°	3122	7	17.9	-45	0.9	10	∧ ∨
342	-44°	3356	7	18.0	-44	55.8	9.4	∧ ∨
343	-44°	3358	7	18.1	-44	57.0	10	∧ ∨
344	-45°	3130	7	18.4	-45	39.2	9.0	∧ ∨
345	-46°	3093	7	17.9	-46	8.6	9.1	∧ ∨
346	-46°	3119	7	19.7	-46	17.3	9.8	∧ ∨
347	-45°	3174	7	21.6	-45	26.6	9.6	∧ ∨
348	-44°	3443	7	24.2	-44	23.8	9.8	∧ ∨
349	-44°	3459	7	25.6	-44	20.5	9.1	∧ ∨
350	-44°	3465	7	25.9	-44	9.0	9.8	∧ ∨
351	-43°	3305	7	27.6	-43	49.2	9.5	∧ ∨
352	-43°	3324	7	28.4	-43	3509 / 3496	9.8	∧ ∨
353	-43°	3326	7	29.0	-43	22.4	9.6	∧ ∨
354	-43°	3331	7	29.3	-43	30.3	9.4	∧ ∨

Cards made out

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Thursday. Feb. 6. 1913.
B2067 short disp.

Nov.	Int.	Class	Remark
355	2	Fo	
356	4	Bs	
357	2	Fs	
358	10+	g	Burned out
359	3	Q	E.
360	2	g	E.
361	7	M	E.
362	7	a	E.
Time: 11.48 363	4	Ms	
~~364~~			
~~365~~			
✓364 3	3	Fs	Partly superposed on a bright star prec.
365	2	Fo	
366	2	Ko	
367	1	gs	

356	-43°	3340	7	29.9	-43	24.1	9.7	1 ✓
356	-42°	3339	7	30.5	-42	34.4	9.3	1 ✓
357	-42°	3332	7	29.7	-42	33.1	9.5	1 ✓
358	-43°	3260	7	25.3	-43	3.0	8.5	1 ✓
359	-42°	3354	7	32.4	-42	40.8	9.3	1 ✓
360	-42°	3364	7	33.5	-42	36.2	9.2	1 ✓
361	-40°	~~3302~~ 3286	7	~~35.6~~ 34.7	-40	~~24.6~~ 30.9	8.9	1 ✓
362	-39°	3475	7	35.5	-39	59.0	8.5	1 ✓
363	-39°	3498	7	37.1	-39	59.2	7.5	1 ✓
3								

Identified by AMC. Feb. 20, 1913
Checked March 6 1913 FWC.
cards made out by M. C. W.

364	-42°	2961	7	2.1	-42	7.1	8.7	Partly sup. on -42° 2959 magn. 7.5

Card made out by A.M.C. Mar. 26, 1915

365	-42	2949	7	1.2	-42	40	9.1	56 on B20556
366	-43	2786	6	57.4	-43	6	9.3	60 " "
367	-44	3395	7	21.1	-44	55	9.3	3 on B20786

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Thursday Feb. 6, 1913.
T312649 slight disp.

Time 11.55

No	Int.	Class	Remarks
1	3	F5	
2	1	A	
3	5	A	(Partly superposed on a brighter star)
4	3	A2	
5	3	A3	
6	4	F8	
7	3	F0	
8	3	F5	
9	8	F0	
10	3	A0	
11	5	F5	
12	3	F0	
13	2	F0	
14	1	F	
15	2	A5	
16	2	F	
17	1	F	
Time 12.00 18	2	F0	
19			
20			
21			
22			
23			
24			
25			

1	−39°	2802	6	39.6	−39	44.0	7.7	✓
2	−39°	2806	6	40.1	−39	50.0	8.7	✓
3	−40°	2626	6	37.2	−40	10.1	8.0	✓
4	−40°	2617	6	36.6	−40	21.4	8.1	✓
5	−40°	2611	6	36.1	−40	38.8	8.3	✓
6	−40°	2600	6	34.9	−40	28.8	8.0	✓
7	−40°	2579	6	33.2	−40	39.7	7.5	✓
8	−41°	2490	6	33.1	−41	8.8	7.8	✓
9	−41°	2488	6	32.9	−41	27.8	6.8	✓
10	−42°	2618	6	32.5	−42	1.2	8.8	✓
11	−42°	2594	6	30.3	−42	0.1	7.8	✓
12	−42°	2580	6	28.7	−42	9.6	8.6	✓
13	−42°	2598	6	30.9	−42	17.5	8.4	✓
14	−42°	2647	6	32.5	−42	34.0	8.6	✓
15	−42°	2564	6	26.3	−42	21.2	8.7	✓
16	−43°	2543	6	29.8	−43	11.5	9.0	✓
17	−43°	2527	6	29.1	−43	25.7	8.6	✓
18	−43°	2546	6	30.0	−43	46.0	8.2	✓

Identified by J. C. M. Sept. 25, 1913
Checked by AMC Oct. 6, 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

Thursday, Feb. 6, 1913.
T3 18483 clust anifs

Time: 12.06

No	Int.	Class	Remark
1	7	F0	
2	8	A3	
3	2	F5	
4	5	A0	
5	4	A0	
6	8	A0	
7	3	F5	
8	7	B9	
9	9	B8	
10	4	F2	
11	6	A0	
12	7	B9	
13	2	A3	
14	1	F5	
15	7	A0	
16	2	F2	
17	4	A3	
18	3	A2	
19	2	F5	
20	2	A	E.
21	3	F2	
22	1	F0	
23	1	G0	
24	3	G0	
25	1	A2	
26	7	F0	
27	2	F2	

1	-43°	2518	6	27.3	-43	37.8	6.9 ✓
2	-44°	2730	6	28.9	-44	7.3	7.5 ✓
3	-44°	2734	6	29.2	-44	13.8	9.1 ✓
4	-44°	2781	6	32.8	-44	26.2	8.6 ✓
5	-44°	2782	6	32.8	-44	33.0	9.1 ✓
6	-44°	2804	6	34.0	-44	23.1	8.1 ✓
7	-44°	2807	6	34.2	-44	10.3	8.9 ✓
8	-44°	2797	6	33.8	-44	52.3	8.1 ✓
9	-44°	2817	6	35.1	-44	57.3	7.7 ✓
10	-45°	2647	6	34.6	-45	10.0	8.6 ✓
11	-45°	2650	6	34.9	-45	16.0	8.3 ✓
12	-45°	2639	6	33.9	-45	29.2	8.1 ✓
13	-45°	2627	6	32.7	-45	41.7	9.3 ✓
14	-45°	2631	6	33.3	-45	55.3	8.7 ✓
15	-46°	2570	6	35.1	-46	3.7	8.3 ✓
16	-45°	2660	6	36.1	-45	26.8	8.7 ✓
17	-44°	2846	6	37.6	-44	59.6	8.7 ✓
18	-45°	2676	6	37.7	-45	9.3	9.0 ✓
19	-44°	2908	6	43.1	-44	50.3	8.2 ✓
20	-45°	2754	6	44.6	-45	14.6	9.3 ✓
21	-47°	2495	6	34.8	-47	3.4	8.7 ✓
22	-47°	2497	6	35.0	-47	15.6	9.1 ✓
23	-47°	2501	6	35.4	-47	11.8	9.4 ✓
24	-46°	2552	6	33.1	-46	21.6	9.1 ✓
25	-46°	2526	6	31.3	-46	32.6	9.4 ✓
26	-46°	2524	6	31.2	-46	24.6	8.8 ✓
27	-46°	2515	6	30.5	-46	24.2	9.2 ✓

Cards made out.

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Thursday Feb. 6, 1913
B 1483 short exps.

No.	Int.	Class	Remark
28	2	A2	
29	1	F0	
30	8	A0	
31	8	F0	
32	2	F2	
33	2	A5	
34	1	F2	
35	2	F5	
36	1	F5	
37	5	B9	
Lima: 12.1238 Feb 7.913 Lima: 9.158	4	F2	
39	2	F0	
40	2	F2	
41	5	A5	
42	9	A0	
43	5	A3	
44	4	F2	
45	4	F5	
46	1	A	
47	1	F8	
48	3	A0	
49	6	A0	
50	8	B8	
51	4	G5	
52	5	F5	
53	2	G5	
54	1	F0	

28	-46°	2504	6	29.7	-46	4.2	9.4 ✓
29	-45°	2609	6	30.9	-45	30.9	9.1 ✓
30	-45°	2594	6	29.6	-45	17.0	8.5 ✓
31	-45°	2580	6	28.7	-45	13.0	7.2 ✓
32	-44°	2771	6	31.9	-44	58.3	8.6 ✓
33	-45°	2683	6	31.3	-45	12.4	9.3 ✓
34	-44°	2742	6	29.8	-44	57.9	8.6 ✓
35	-44°	2713	6	27.8	-44	47.2	9.3 ✓
36	-44°	2690	6	25.8	-44	29.3	9.0 ✓
37	-44°	2680	6	24.9	-44	16.0	8.9 ✓
38	-44°	2685	6	25.3	-44	32.6	9.0 ✓
39	-44°	2674	6	24.4	-44	30.6	8.9 ✓
40	-44°	2676	6	24.5	-44	43.0	9.1 ✓
41	-45°	2524	6	24.6	-45	16.5	8.7 ✓
42	-45°	2538	6	25.3	-45	41.6	7.6 ✓
43	-45°	2528	6	24.7	-45	36.6	8.5 ✓
44	-45°	2523	6	24.5	-45	32.4	8.4 ✓
45	-45°	2516	6	23.8	-45	1.5	8.5 ✓
46	-44°	2671	6	24.1	-44	57.0	9.7 ✓
47	-44°	2657	6	23.1	-44	54.6	9.4 ✓
48	-44°	2648	6	22.4	-44	33.1	9.0 ✓
49	-44°	2607	6	17.7	-44	43.0	8.4 ✓
50	-44°	2606	6	17.5	-44	42.0	7.6 ✓
51	-44°	2600	6	17.1	-44	44.2	8.5 ✓
52	-46°	2333	6	16.7	-46	2.5	8.6 ✓
53	-45°	2440	6	16.3	-45	57.5	8.4 ✓
54	-45°	2431	6	15.4	-45	50.5	9.1 ✓

Cards made out.

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Friday, Feb. 7, 1913.

B1848 clust disp

No.	Int.	Class	Remark
55	1	A0	
56	2	A0	
57	1	F5	
58	7	A0	
59	4	F5	
60	2	F8	
61	1	Ma	
62	6	F2	
63	3	K2	
64	3	F8	
65	2	G5	
66	2	F	Comp? Kline too faint for the G.S. lines.
67	1	A	
68	2	A0	
69	2	K5	
70	2	K5	
71	1	K5	
72	3	F8	
73	1	K5	
74	2	A3	
75	3	A2	
76	4	K5	
77	5	G0	
78	4	A3	
79	10	K4	
80	7	K0	
81	2	K2	

55	-45°	2421	6	14.4	-45	56.0	9.7 ✓
56	-46°	2303	6	13.9	-46	20.0	9.5 ✓
57	-45°	2401	6	12.3	-45	53.4	9.3 ✓
58	-46°	2288	6	12.2	-46	5.4	8.3 ✓
59	-46°	2243	6	8.2	-46	18.0	9.0 ✓
60	-46°	2240	6	7.7	-46	9.6	9.2 ✓
61	-46°	2253	6	9.2	-46	51.3	8.6 ✓
62	-47°	2244	6	11.0	-47	18.5	8.3 ✓
63	-47.6°	2278	6	11.4	-47.6	38.5	8.3 ✓
64	-46°	2292	6	12.3	-46	51.0	9.0 ✓
65	-46°	2293	6	12.5	-46	59.4	9.3 ✓
66	-46°	2299	6	13.5	-46	59.9	9.4 ✓
67	-47°	2255	6	12.7	-47	2.0	9.8 ✓
68	-47°	2270	6	14.0	-47	10.5	9.6 ✓
69	-47°	2273	6	14.4	-47	19.2	8.7 ✓
70	-47°	2267	6	13.6	-47	42.3	8.5 ✓
71	-47°	2268	6	13.6	-47	37.3	8.6 ✓
72	-47°	2297	6	16.7	-47	9.4	8.9 ✓
73	-47°	2296	6	16.7	-47	22.6	9.0 ✓
74	-47°	2310	6	17.9	-47	20.4	9.5 ✓
75	-47°	2312	6	17.9	-47	40.2	9.5 ✓
76	-46°	2344	6	17.2	-46	37.2	8.1 ✓
77	-46°	2355	6	18.1	-46	6.0	8.5 ✓
78	-46°	2361	6	18.4	-46	3.0	9.4 ✓
79	-45°	2467	6	18.9	-45	53.9	6.8 ✓
80	-45°	24.72	6	19.4	-45	34.0	6.8 ✓
81	-45°	2471	6	19.3	-45	51.5	8.2 ✓

Cards made out.

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Friday. Feb. 7. 1913.
B 1848 3 short exps.

No.	Int.	Class	Remarks
82	5	I_{p0}	
83	3	A_2	
84	3	I_{B}	
85	1	I_{B5}	
86	4	I_{p5}	
87	2	I_{p0}	
88	2	I_{B}	
89	2	I_{p5}	
90	7	I_{B5}	
91	2	A_2	
92	4	B_8	Lines narrow.
93	5	I_{B0}	
94	2	I_{B}	
94a	4	[illegible]	
95	2	I_{p0}	
96	7	A_2	
97	2	M_{a2}	
98	1	I_{B2}	
99	4	I_{B5}	
100	1	I_{B0}	
101	2	A_{a0}	
102	2	I_{p5}	
103	4	A_2	
104	4	I_{B}	
105	7	I_{B9}	
106	4	I_{p5}	
107	5	I_{B0}	
108	7	I_{B0}	

82	−45°	2481	6	20.4	−45	53.0	7.7 ✓
83	−46°	2365	6	18.7	−46	22.2	9.4 ✓
84	−46°	2364	6	18.6	−46	38.9	9.3 ✓
85	−46°	2345	6	17.3	−46	54.7	8.5 ✓
86	−46°	2375	6	19.8	−46	45.4	8.4 ✓
87	−46°	2398	6	21.5	−46	25.6	8.9 ✓
88	−46°	2389	6	20.8	−46	52.3	9.3 ✓
89	−46°	2396	6	21.5	−46	57.9	8.8 ✓
90	−46°	2421	6	23.4	−46	54.8	8.5 ✓
91	−46°	2445	6	25.5	−46	29.0	9.5 ✓
92	−46°	2456	6	26.2	−46	32.0	9.1 ✓
93	−46°	2481	6	28.0	−46	22.2	8.9 ✓
94	−47°	2411	6	27.5	−47	10.3	2.5 ✓
94a	−46°	2671	6	27.5	−45	44.7	8.7 ✓
95	−47°	2388	6	25.6	−47	25.3	8.6 ✓
96	−47°	2367	6	23.8	−47	44.8	8.4 ✓
97	−47°	2370	6	24.2	−47	54.2	8.6 ✓
98	−47°	2375	6	24.5	−47	58.6	9.1 ✓
99	−48°	2285	6	20.0	−48	30.5	8.4 ✓
100	−48°	2279	6	19.4	−48	42.5	9.1 ✓
101	−48°	2282	6	19.7	−48	44.0	9.5 ✓
102	−48°	2289	6	20.2	−48	47.7	9.0 ✓
103	−49°	2240	6	21.8	−49	8.2	8.7 ✓
104	−49°	2266	6	25.2	−49	5.0	8.8 ✓
105	−49°	2269	6	25.5	−49	12.2	8.1 ✓
106	−49°	2270	6	25.6	−49	59.8	8.8 ✓
107	−49°	2292	6	26.9	−49	54.1	8.3 ✓
108	−49°	2295	6	28.1	−49	31.7	7.7 ✓

cards made out

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Friday, Feb. 7, 1913.
T.B. 8483 clust. disp.

No.	Int.	Class	Remark
109	3	g5	
110	10+	F	
111	5	kp0	
112	3	F2	
113	7	K0	
114	3	F5	
115	1	A2	
116	9	F5	
117	4	K2	
118	7	A3	
119	2	K5	
120	3	M3g	
121	2	F8	
122	5	[illegible]	
Drive: 10.20	123	2	g5
	124	10+	M3g
	125		
	126		

109	-49°	2297	6	28.2	-49	39.8	8.6 ✓
110	-50°	2241	6	26.7	-50	9.2	5.6 ✓
111	-50°	2268	6	29.8	-50	22.8	7.7 ✓
112	-50°	2290	6	31.7	-50	0.8	8.5 ✓
113	-50°	2295	6	32.5	-50	11.6	7.0 ✓
114	-49°	2323	6	31.9	-49	16.0	9.1 ✓
115	-49°	2309	6	30.0	-49	45.5 / 36.1	9.6 ✓
116	-48°	2361	6	29.7	-48	26.7	6.9 ✓
117	-48°	2357	6	29.3	-48	2.9	7.6 ✓
118	-47°	2423	6	28.4	-47	50.4	8.5 ✓
119	-48°	2340	6	27.2	-48	9.6	8.1 ✓
120	-48°	2371	6	30.7	-48	3.2	9.5 ✓
121	-48°	2376	6	31.0	-48	27.5	9.3 ✓
122	-47°	2441	6	30.1	-47	24.0	8.2 ✓
123	-48°	2386	6	32.0	-48	6.2	9.1 ✓
124	-48°	2308	6	22.4	-48	6.3	5.9 ✓

Identified by J.C.M. Dec. 5, 1913
Checked by A.M.C. Dec. 8, 1913
Cards made out by G.O.C.B.
Cards checked by A.M.C.

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Friday, Feb. 7, 1913

Time: 10.26

B10697 short drift.

Nr	Int.	Class	Remark
1	2	Ly0	
2	3	F0	
3	3	F	
4	2	Ly5	
5	2	Ly0	
6	2	Ly5	
7	5	Ly5	
8	7	F0	
9	3	A0	
10	2	Ly5	
11	2	A3	
12	6	B9	
13	10	Ly0	
14	7	F5	
15	2	F5	
16	2	A	
17	7	Ly5	
18	4	F0	
19	2	A	
20	3	A	
21	1	F	
22	2	F8	
23	2	A	
24	3	A	
25	4	A	
26	3	F8	
27	4	B9	

1	-51°	947	6	31.8	-51	7.1	7.9	∧ ∨
2	-51°	954	6	33.7	-51	19.3	8.1	∧ ∨
3	-50°	1023	6	36.2	-50	49.1	8.2	∧ ∪
4	-50°	1022	6	36.2	-50	57.9	8.4	∧ ∨
5	-51°	969	6	37.8	-51	32.7	8.4	∧ ∨
6	-51°	976	6	39.2	-51	38.1	8.4	∧ ∪
7	-52°	996	6	42.5	-52	4.2	7.3	∧ ∨
8	-52°	998	6	43.0	-52	16.6	6.9	∧ ∨
9	-52°	994	6	41.9	-52	17.6	7.8	∧ ∨
10	-52°	995	6	42.2	-52	14.0	8.4	∧ ∨
11	-53°	1160	6	45.2	-53	2.3	8.3	∧ ∨
12	-52°	1014	6	47.4	-52	39.1	7.1	∧ ∪
13	-53°	1168	6	47.1	-53	28.5	6.3	∧ ∨
14	-52°	1042	6	54.9	-52	28.0	7.6	∧ ∨
15	-51°	1046	6	58.0	-51	51.6	8.3	∧ ∪
16	-50°	1122	6	57.9	-50	56.3	8.3	∧ ∨
17	-51°	1079	7	4.2	-51	46.3	6.9	∧ ∨
18	-52°	1084	7	4.5	-52	0.6	7.6	∧ ∨
19	-52°	1081	7	4.0	-52	16.9	8.4	∧ ∨
20	-52°	1079	7	3.7	-52	24.8	8.2	∧ ∨
21	-52°	1074	7	2.5	-52	25.1	8.8	∧ ∨
22	-51°	1095	7	6.3	-51	37.2	8.2	∧ ∨
23	-51°	1078	& 7	4.1	-51	26.5	8.4	∧ ∪
24	-53°	1258	7	6.5	-53	20.5	8.3	∧ ∪
25	-53°	1260	7	7.2	-53	19.3	8.2	∧ ∨
26	-53°	1280	7	10.1	-53	40.7	8.2	∧ ∪
27	-53°	1240	7	7.8	-53	55.8	7.6	∧ ∪

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Friday. Feb 7. 1913.

B 10 & 97 short disp.

No	Int.	Class	Remark
28	3	fg5	
29	2	F5	
30	3	B9	
31	2	A0	
32	1	a	
33	1	K0	
34	2	a	
35	1	K0	
36	2	B9	
Time: 10.38 37	2	A0	
38			

	38	5	A0		✓	38	−52°	960	6	34.3	− 52	14	7.5	

28	− 53°	1226	6	59.4	− 53	52.8	8.2	1	✓
29	− 53°	1212	6	56.8	− 53	11.3	8.6	1	✓
30	− 53°	1210	6	56.9	− 53	18.2	8.6	1	✓
31	− 53°	1227	6	59.5	− 53	32.3	8.6	1	✓
32	− 53°	1229	6	59.7	− 53	21.5	9.0	1	✓
33	− 53°	1246	7	3.8	− 53	42.3	8.6	1	✓
34	− 53°	1256	7	6.0	− 53	42.5	8.6	1	✓
35	− 53°	1194	6	53.0	− 53	27.7	8.6	1	✓
36	− 53°	1193	6	53.0	− 53	29.9	8.5	1	✓
37	− 53°	1158	6	44.6	− 53	16.6	8.6	1	✓

Identified by AMC. Mar. 18. 1913

Checked March 25. 1913 [illegible]

cards made out by M. C. W.

Cards checked by AMC.

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Monday Feb. 10, 1913.
= 37 49 8 long diff.

Time: 11.40

No.	Int.	Class	Remark
1	2	J/o	
2	1	Ma	Hγ br. = 10. Hδ = 100.
3	1	F	
4	1	A5	
5	1	ly	
6	3	F5	
7	3	A0	
8	2	J/o	
9	2	ly	
10	2	J/o	
11	4	F8	
12	3	F2	
13	2	F8	
14	1	J/o	
15	2	J/o	
16	1	J/o	
17	3	Go	
18	2	G5	
19	2	A	
20	2	J/o	
21	4	F0	
22	3	F0	
23	4	A5	
24	3	Go	
25	1	J/2	
26	3	F2	
27	2	A	

1	+80°	302	9	36.5	+80	20.2	8.7	∧ ✓
2	Not in Cat.		9	31.1	+78	18.2 (1900 Boo)		✓ γ Draconis
3	+78°	321	9	32.9	+78	29.5	9.1	∧ ✓
4	+78°	322	9	34.8	+78	35.4	9.2	∧ ✓
5	+78°	329	9	45.0	+78	30.6	8.9	∧ ✓
6	+80°	295	9	24.2	+80	45.7	8.6	∧ ✓
7	+81°	308	9	22.2	+81	18.5	8.9	∧ ✓
8	+82°	280	9	23.8	+82	15.0	8.5	∧ ✓
9	+82°	279	9	22.0	+82	12.9	8.8	∧ ✓
10	+81°	295	9	6.2	+81	9.4	8.6	∧ ✓
11	+80°	287	9	3.8	+80	43.7	7.8	∧ ✓
12	+82°	268	9	4.0	+82	28.7	8.5	∧ ✓
13	+81°	284	9	~~58.8~~ 59.8 ~~9.0~~	+81	~~59.2~~ 58.9	~~9.5~~ 9.0	∧ ✓
14	+81°	286	8	54.5	+81	7.0	9.2	∧ ✓
15	+80°	283	8	50.8	+80	24.6	8.9	∧ ✓
16	+79°	296	8	48.0	+79	26.7	8.5	∧ ✓
17	+80°	276	8	39.1	+80	1.7	8.7	∧ ✓
18	+81°	274	8	36.4	+81	20.1	8.6	∧ ✓
19	+81°	272	8	33.6	+81	16.3	9.3	∧ ✓
20	+82°	269	8	33.3	+82	22.0	9.1	∧ ✓
21	+80°	268	8	29.5	+80	31.1	8.3	∧ ✓
22	+80°	267	8	27.9	+80	59.9	8.3	∧ ✓
23	+81°	270	8	26.5	+81	0.2	8.0	∧ ✓
24	+80°	266	8	25.9	+80	10.6	8.4	∧ ✓
25	+79°	277	8	19.1	+79	34.5	8.3	∧ ✓
26	+80°	258	8	13.8	+80	0.4	8.8	∧ ✓
27	+79°	272	8	8.2	+79	51.7	8.6	∧ ✓

~~28~~ cards made out

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Monday. Feb. 10, 1913
I 37493 long axis.

No.	Int.	Class	Remarks
28	5	Ap	
29	2	Fo	
30	3	A2	
31	3	Gs	
32	7	Gs	
33	1	Fo	
34	3	Fo	
35	2	Fs	
36	3	F8	
37	1	Fo	
38	2	G	
June 11.48 39	1	Fo	
40	2	As	
41	2	Gs	
42	4	Ao	
43	5	Fo	
44	2	Go	
45	5	G	Double. Spectra not separated. Both may be F
46	5	A5	
47	2	Fs	
48	2	Go	
49	10	Ao	
50	6	Ao	

28	+79°	269	7	54.0	+79	55.5	7.8	∧ ✓	
29	+79°	268	7	53.1	+79	44.8	8.5	∧ ✓	
30	+79°	267	7	50.4	+79	37.4	8.5	∧ ✓	
31	+81°	263	7	46.3	+81	27.2	8.1	∧ ✓	
32	+80°	298	7	32.1	+80	37.0	6.5	∧ ✓	
33	+80°	297	7	28.9	+80	51.8	8.1	∧ ✓	
34	+79°	259	7	33.3	+79	52.7	8.0	∧ ✓	
35	+79°	258	7	33.1	+79	5.9	8.8	∧ ✓	
36	+78°	270	7	38.3	+78	34.6	8.0	∧ ✓	
37	+79°	243	7	16.2	+79	51.3	8.2	∧ ✓	
38	+80°	233	7	16.9	+80	51.5	8.0	∧ ✓	
39	+79°	249	7	23.0	+79	33.9	8.5	∧ ✓	
40	+80°	249	8	3.5	+80	55.8	9.3	∧ ✓ +80	2W8 9.4 superposed
41	+80°	242	7	41.6	+80	36.3	8.9	∧ ✓	

Identified by A.M.C. Feb. 26, 1913
Checked Oct. 28. 1913 S.D.W.
Cards made out by E.R.B.
Cards checked by S.F.W.

42	+78°	284	8	4.4	+ 78	23	7.5	134	on I 37714
43	+77°	330	8	10.3	+ 77	32	7.7	132	" "
44	+78°	292	8	29.9	+ 78	20	8.6	137	" "
45	+79°	305	9	8.6	+ 79	2	7.4	185	" "
46	+79°	316	9	24.8	+ 79	28	7.5	186	" "
47	+76°	338	8	49.3	+ 76	55	9.0	76	" "
48	+78	326	9	53.4	+78	46	8.3	62	" I 37465
49	+84	234	10	7.8	+84	58	8.0	41	" I 37566
50	+80	272						11	on I 37546

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Monday. Feb. 10, 1913

Time: 11.50

I 38187 long exp.

No.	Int.	Class	Remark
1	3	F8	
2	4	A3	
3	3	F8	
4	3	K0	
5	2	F2	
6	2	K0	
7	2	F5	
8	3	K5	
9	5	M0	
10	5	M5	
11	2	A2	
12	4	A2	
13	7	M5	
14	2	F2	
15	3	K5	
16	2	A3	
17	2	A2	
18	2	M0	
19	4	K0	
20	5	M0	
21	3	K5	
22	4	M0	
23	3	A2	
24	9	M0	
25	2	M5	
26	2	M2	
27	3	M0	

1	+71°	459	8	16.3	+71	30.3	7.7 ✓	
2	+72°	423	8	19.4	+72	30.4	7.8 ✓	
3	+72°	425	8	25.6	+72	46.0	8.1 ✓	
4	+73°	435	8	33.5	+73	12.1	8.4 ✓	
5	+73°	435	8	34.7	+73	44.5	9.3 ✓	
6	+74°	373	8	26.5	+74	7.6	9.0 ✓	
7	+75°	346	8	25.1	+75	12.5	9.3 ✓	
8	+74°	365	8	16.9	+74	4.1	8.5 ✓	
9	+72°	420	8	15.7	+72	47.0	7.8 ✓	
10	+73°	416	8	16.0	+73	10.2	7.2 ✓	
11	+72°	418	8	15.4	+72	51.0	9.0 ✓	
12	+72°	410	8	4.6	+72	12.6	8.7 ✓	
13	+72°	409	8	4.6	+72	58.9	6.2 ✓	+72° 412 superposed
14	+72°	406	8	3.2	+72	40.7 41	9.0 ✓	
15	+73°	403	8	0.5	+73	9.9	8.5 ✓	
16	+72°	403	7	59.3	+72	51.5	9.0 ✓	
17	+73°	401	7	58.0	+73	7.3	8.6 ✓	
18	+72°	401	7	56.8	+72	28.0	8.1 ✓	
19	+72°	395	7	52.2	+72	21.0	8.0 ✓	
20	+72°	394	7	58.0	+72	11.4	7.3 ✓	
21	+71°	442	7 8 13	52.8	+71	41.1 12.2	7.8 ✓	
22	+74°	354	7	59.1	+74	8.4	8.2 ✓	
23	+74°	356	8	4.9	+74	51.2	9.1 ✓	
24	+75°	334	8	4.6	+75	17.2	6.5 ✓	
25	+74°	350	7	58.8	+74	55.2	8.5 ✓	
26	+74°	360	8	7.4	+74	52.6	8.5 ✓	
27	+74°	361	8	8.3	+74	28.8	8.8 ✓	

cards made out

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Thursday, Feb. 10, 1913

I 38187 long. asst.

No.	Int.	Class	Remark
28	3	f_2	Party superposed on eq.
29	2	f_2	" " " " 28.
30	2	f_{25}	
31	2	f_{10}	
32	10	f_{25}	
33	5	f_{25}	
34	5	A_0	
35	5	f_{20}	
36	4	f_{25}	
37	3	f_{10}	
38	3	f_{25}	
39	2	f_{15}	
40	3	f_{10}	
41	3	f_{20}	
42	3	f_{25}	
43	1	f_{10}	
44	1	f_3	
45	5	f_{12}	
46	3	f_{15}	
47	2	f_{12}	
48	2	f_{10}	
49	2	A_2	
50	2	f_{10}	
Time 1200	51	2	f_{25}
	52		
	53		
	54		

cmb. 135, 22

28	+73°	40.6	8	3.4	+73	47.0	8.5	✓
29	+73°	40.7	8	3.6	+73	52.8	8.5	✓
30	+73°	40.8	8	6.5	+73	6.3	9.2	✓
31	+73°	41	8	8.8	+73	27.8	9.1	✓
32	+76°	31.0	8	1.2	+76	11.3	6.0	✓
33	+76°	30.8	8	58.5	+76	9.8	7.5	✓
34	+76°	30.7	7	55.9	+76	16.2	7.8	✓
35	+76°	30.9	7	59.0	+76	38.8	8.3	✓
36	+76°	31.6	8	2.8	+76	48.0	8.2	✓
37	+76°	31.5	8	2.6	+76	20.5	8.3	✓
38	+76°	32.6	8	14.6	+76	13.2	8.8	✓
39	+75°	32.7	7	55.0	+75	47.0	8.8	✓
40	+77°	31.3	7	52.0	+77	3.0	8.6	✓
41	+76°	30.3	7	45.2	+76	26.4	8.8	✓
42	+76°	30.2	7	44.9	+76	56.3	8.5	✓
43	+77°	31.4	7	52.6	+77	40.7	9.0	✓
44	+77°	31.9	7	56.8	+77	13.9	9.3	✓
45	+78°	27.8	7	50.7	+78	1.9	7.5	✓
46	+77°	31.1	7	46.7	+77	30.4	8.7	✓
47	+77°	31.2	7	47.7	+77	45.9	8.6	✓
48	+78°	27.5	7	45.0	+78	39.2	8.5	✓
49	+76°	28.9	7	23.6	+76	43.0	9.1	✓
50	+76°	28.8	7	22.6	+76	35.7	8.9	✓
51	+71°	34.0	7	44.7	+74	37.3	8.8	✓

Identified by W. C. W. Feb. 12, 1913.
Checked by J. C. M. Feb. 17, 1913.
cards made out by W. C. W.
Cards checked by E. R. B.

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Thursday, Feb. 10, 1913.

Time: 12.09

I 37820 long disp.

No	Int	Class	Remark
1	2	H0	
2	3	H0	
3	3	A0	
4	2	H2	
5	2	H0	
6	3	K0	
7	2	F5	
8	6	A0	
9	3	H0	
10	8	F5	
11	7	A0	
12	2	H0	
13	4	K5	
14	3	K5	
15	2	H2	
16	3	H0	
17	3	H2	
18	4	H5	
19	2	F5	
20	3	F5	
21	2	F8	
22	7	K0	
23	1	K	
24	2	K6	
25	3	F8	
26	3	K5	
27	2	H2	

1	+82°	54.3	18	35.0	+82	12.8	8.5 J
2	+82°	54.6	18	40.4	+82	35.7	8.0 J
3	+82°	53.9	18	24.9	+82	20.9	8.7 J
4	+82°	53.7	18	13.9	+82	28.1	8.8 J
5	+83°	53.1	18	31.0	+83	10.6	8.2 J
6	+83°	52.4	18	8.5	+83	26.0	8.8 J
7	+82°	52.3	17	40.0	+82	42.0	9.0 J
8	+82°	52.1	17	35.0	+82	50.8	8.5 J
9	+82°	51.8	17	31.2	+82	27.7	8.5 J
10	+83°	51.2	17	39.0	+83	26.5	7.5 J
11	+83°	51.1	17	38.6	+83	48.8	8.3 J
12	+84°	38.7	17	47.8	+84	1.2	8.6 J
13	+84°	39.1	17	56.8	+84	16.8	8.9 J
14	+83°	50.6	17	33.5	+83	26.9	8.7 J
15	+83°	50.1	17	21.6	+83	22.5	8.8 J
16	+83°	49.3	17	44	+83	24.7	9.0 J
17	+84°	37.0	17	5.5	+84	41.5	9.0 J
18	+84°	37.1	17	7.3	+84	53.7	8.5 J
19	+82°	49.2	16	40.8	+82	11.0	8.8 J
20	+82°	47.9	16	18.6	+82	50.7	9.0 J
21	+84°	35.4	16	11.2	+84	18.1	9.3 J
22	+85°	26.3	15	58.2	+85	17.7	7.2 J
23	+85°	26.4	15	50.6	+85	9.7	8.9 J
24	+84°	34.8	15	46.6	+84	58.8	8.8 J
25	+83°	45.6	16	4.4	+83	41.4	8.5 J
26	+83°	45.2	15	58.1	+83	43.3	8.4 J
27	+82°	47.2	16	2.1	+82	46.3	8.6 J

Cando made out

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Monday. Feb. 10, 1913.
I 37820 long disp.

No.	Int.	Class	Remark
28	2	$\frac{1}{2}$	
29	2	$\frac{1}{0}$	
30	4	$\frac{2}{3}$	
31	1	$\frac{1}{5}$	
32	1	$\frac{2}{0}$	
33	1	$\frac{1}{0}$	
June 12, 16 34	2	$\frac{1}{4}$	

35 7 A2 Lucis amenlat narrow

28	+83°	44.7	15	50.6	+83	16.3	8.8	v
29	+82°	46.4	15	48.21	+82	17.4	8.5	v
30	+83°	44.0	15	15.8	+83	22.3	8.5	v
31	+83°	43.7	15	11.8	+83	45.0	8.8	v
32	+83°	43.9	15	13.0	+83	53.0	9.0	v
33	+83°	44.1	15	17.1	+83	58.21	8.8	v
34	+85°	26.6	15	58.7	+85	41.3	8.8	v

Identified by AMC, Feb. 28, 1913
Checked by J.C.M. Feb. 28, 1913
cards made out by M. C. W.
Cards checked by S.B.B.

v 35 +84 36.1 16 40.2 +84 0 7.2 10.1 m I 37240

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Monday, Feb. 10, 1913.

Time: 3.06 ±38025 long disp.

No	Int.	Class	Remark
1	7	F	E.
2	8	A0	E.
3	5	B5	E.
4	3	A2	E.
5	3	A0	
6	8	K0	
7	5	A3	
8	4	A3	
9	2	A0	
10	2	K0	
11	2	A0	
12	10	F2	
13	3	A0	
14	2	A	Nearly all superposed on 13.
15	3	F2	
16	2	A0	
17	7	B9	
18	3	A2	
19	4	G0	
20	1	G5	
21	10	F9	
22	10	G0	
23	3	K2	
24	6	A0	
25	2	M0	
26	1	K2	
27	7	G5	

1	+69°	1262	22	28.9	+69	8.7	6.0 v
2	+69°	1263	22	29.2	+69	37.2	6.2 J
3	+69°	1257	22	26.0	+69	25.8	7.3 v
4	+69°	1256	22	25.6	+69	41.5	7.0 v
5	+70°	1243	22	24.4	+70	4.0	7.7 J
6	+70°	1240	22	22.3	+70	1.7	6.0 J
7	+70°	1236	22	20.9	+70	18.4	7.8 J
8	+70°	1234	22	20.6	+70°	34.7	7.0 J
9	+69°	1245	22	18.0	+69	32.2	7.8 J
10	+69°	1238	22	14.0	+69	19.9	7.3 J
11	+69°	1232	22	10.1	+69	25.3	8.0 J
12	+69°	1228	22	7.4	+69	24.6	15.9 v
13	+69°	1227 5	22	4.9 6.0	+69	16.2 4.7	8.2 v
14	+69°	1223 4	22	5.0 4.9	+69	15.7 16.2	8.2 v
15	+69°	1226	22	5.6	+69	31.6	8.2 J
16	+69°	1219	22	3.8	+69	31.1	8.0 J
17	+69°	1221	22	4.1	+69	59.1	6.8 J
18	+70°	1222	22	7.9	+70	15.0	7.7 v
19	+70°	1221	22	7.6	+70	25.7	7.7 J
20	+70°	1220	22	7.3	+70	48.7	8.5 J
21	+71°	1112	22	7.4	+71	24.3	6.7 J
22	+71°	1111	22	7.0	+71	37.7	5.2 J
23	+71°	1107	22	4.0	+71	29.8	7.5 J
24	+71°	1109	22	4.5	+71	39.7	7.2 J
25	+72°	1017	22	5.7	+72	4.3	7.2 J
26	+72°	1016	22	5.2	+72	14.5	8.5 J
27	+72°	1022	22	10.2	+72	36.1	4.5 J

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Monday. Feb. 10, 1913.
I 38025. long disp.

No.	Int.	Class	Remarks
28	3	Ao	
29	4	Ke	
30	10	Fk	
31	1	Ko	
32	2	Gs5	
33	7	Bg	
34	3	Bg	
35	6	Bg	
36	2	A2	
37	2	Go	
38	1	As	
39	5	Bg	
40	2	F2	
41	10	Ko	
42	10	Ko	
43	2	A2	
44	4	F5	
45	2	F5	
46	1	F8	
47	7	As	
48	4	A2	
49	2	Gs	
50	3	As	
51	5	As	
52	2	As	Partly superposed on 51.
53	3	As	
54	4	F5	

28	+72°	1020	22	7.2	+72	40.6	8.4 ✓
29	+73°	957	22	0.8	+73	6.8	7.5 ✓
30	+72°	1039	21	57.2	+72	28.2	5.0 ✓
31	+71°	1105	22	0.4	+71	58.9	8.5 ✓
32	+71°	1104	21	59.9	+71	21.3	8.5 ✓
33	+71°	1097	21	50.9	+71	18.2	6.7 ✓
34	+70°	1204	21	50.0	+70	56.0	7.5 ✓
35	+71°	1096	21	50.2	+71	47.6	7.0 ✓
36	+71°	1095	21	49.3	+71	11.8	8.2 ✓
37	+71°	1092	21	48.6	+71	4.2	8.5 ✓
38	+71°	1093	21	48.2	+71	18.0	8.9 ✓
39	+71°	1087	21	43.6	+71	29.2	7.5 ✓
40	+71°	1085	21	42.2	+71	23.3	8.6 ✓
41	+71°	1082	21	41.3	+71	37.9	5.5 ✓
42	+70°	1193	21	39.8	+70	38.1	5.0 ✓
43	+70°	1191	21	37.6	+70	46.6	8.0 ✓
44	+70°	1190	21	37.1	+70	39.2	7.1 ✓
45	+70°	1192	21	38.4	+70	7.6	7.0 ✓
46	+69°	1189	21	36.8	+69	48.4	7.7 ✓
47	+69°	1198	21	44.4	+69	28.7	6.7 ✓
48	+69°	1204	21	50.3	+69	0.2	7.2 ✓
49	+69°	1195	21	43.4	+69	40.4	8.3 ✓
50	+69°	1191	21	38.9	+69	1.7	8.1 ✓
51	+70°	1188	21	29.1	+70	9.7	7.2 ✓
52	+70°	1182	21	28.9	+70	21.5	7.7 ✓
53	+71°	1172	21	28.7	+71	2.6	8.1 ✓
54	+71°	1075	21	30.2	+71	24.1	7.6 ✓

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Monday, Feb. 10, 1913.

H 38025 long drops.

Tel.	Int.	Class	Remarks
55	2	F5	Partly superposed on 54
56	4	F2	
57	4	A0	
58	1	K5	
59	7	A0	
60	1	A	
61	2	K0	
62	6	A2	
63	4	G5	
64	10+	K	
65	3	A0	
66	5	K3	E.
67	4	K0	
68	3	M0	
69	3	A3	
70	8	F2	
71	2	F2	
72	4	A0	
73	3	A2	
74	2	F2	
75	2	F2	
76	7	F5	
77	4	F0	
78	3	F8	
79	8	K3	
80	3	F0	
81	10	A	E.

55	+71°	1074	21	30.1	+71	26.0	8.7 J
56	+72°	993	21	22.0	+72	18.5	7.5 J
57	+73°	936	21	30.2	+73	1.3	8.3 v
58	+72°	991	21	29.7	+72	50.1	7.5 J
59	+71°	1062	21	20.8	+71	26.7	6.8 J
60	+72°	982	21	16.0	+72	53.8	8.7 J
61	+72°	981	21	14.0	+72	48.4	8.3 J
62	+72°	980	21	13.8	+72	33.9	7.3 J
63	+69°	1169	21	23.5	+69	50.8	7.4 J
64	+69°	1173	21	26.8	+69	55.7	3.0 J
65	+69°	1166	21	22.4	+69	23.2	7.5 J
66	+68°	1214	21	21.7	+68	54.6	7.0 J
67	+69°	1152	21	12.2	+69	26.7	6.5 J
68	+69°	1151	21	10.2	+69	50.6	6.8 J
69	+70°	1171	21	10.2	+70	13.7	7.2 J
70	+70°	1164	21	58.5	+70	50.6	6.0 J
71	+71°	1046	21	6.7	+71	5.3	7.8 J
72	+70°	1158	21	2.9	+70	43.9 57.0	8.0 J
73	+71°	1037	20	58.3	+71	46.2	7.5 J
74	+74°	912	21	15.6	+74	1.3	8.3 J
75	+74°	911	21	14.4	+74	12.7	8.5 J
76	+74°	907	21	10.4	+74	37.4	7.0 J
77	+75°	770	21	4.4	+75	1.8	8.0 J
78	+74°	902	21	4.4	+74	57.3	8.0 J
79	+75°	778	21	13.4	+75	42.5	6.8 J
80	+75°	774	21	8.4	+75	47.0	8.2 J
81	+77°	886	21	8.4	+77	31.6	6.1 J

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Thursday, Feb. 10, 1913.
I 38025 long disp.

No.	Int.	Class	Remark
82	4	Ao	
83	6	Ao	
84	5	F5	The preceding of two.
85	10	F2	lines sharply defined.
86	2	A5	
87	4	F2	
88	5	Ao	
89	3	F0	
90	3	F2	
91	3	F0	
92	3	A2	
93	1	F	
94	2	A	
95	1	F	
96	2	K5	
97	2	F0	
98	2	K0	
99	2	K5	
100	4	F0	
101	6	A2	
102	7	Ao	
103	9	Ao	
104	4	F2	
105	1	F	
106	2	K0	
107	4	K5	
108	2	Ao	

82	+74°	824	21	2.4	+76	51.4	8.2 ✓
83	+73°	1055	22	37.6	+72	29.8	7.3 ✓
84	+73°	1058	22	32.4	+72	7.7	7.0 ✓
85	+72°	1049	22	32.2	+72	54.1	5.5 ✓
86	+72°	1047	22	29.0	+72	26.3	8.2 ✓
87	+73°	982	22	29.7	+73	19.3	7.5 ✓
88	+72°	1038	22	23.8	+72	50.1	7.9 ✓
89	+72°	1037	22	22.4	+72	52.8	8.0 ✓
90	+72°	1025	22	13.6	+72	52.8	8.2 ✓
91	+71°	1116	22	11.0	+71	45.0	8.0 ✓
92	+70°	1231	22	17.3	+70	58.2	7.8 ✓
93	+72°	1029	22	16.8	+72	19.9	9.1 ✓
94	+71°	1130	22	21.6	+71	18.5	8.5 ✓
95	+71°	1127	22	19.3	+71	26.7	9.0 ✓
96	+73°	970	22	14.3	+73	22.4	8.5 ✓
97	+73°	969	22	13.3	+73	34.2	8.5 ✓
98	+74°	965	22	22.7	+74	6.0	8.0 ✓
99	+74°	964	22	22.1	+74	6.5	8.0 ✓
100	+74°	963	22	20.4 5.0	+74	16.3 15.7	8.0 8.2 ✓
101	+75°	823	22	17.8	+75	23.9	7.8 ✓
102	+75°	822	22	17.1	+75	17.0	7.2 ✓
103	+75°	820	22	16.6	+75	45.6	6.8 ✓
104	+75°	818	22	11.0	+75	44.6	7.0 ✓
105	+74°	955	22	9.4	+74	56.9	8.8 ✓
106	+74°	952	22	5.0	+74	45.1	8.2 ✓
107	+74°	951	22	6.7	+74	38.8	8.0 ✓
108	+74°	947	22	38.1	+74	22.5	8.5 ✓

Cardo made out

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Monday, Feb. 10, 1913.
I 38025 long disp.

No.	Int.	Class	Remark
109	6	M5	Almost Mar
110	9	A0	
111	1	G5	
112	1	K0	
113	2	K0	
114	5	A0	
115	3	K0	
116	6	F0	
117	5	K0	
118	7	G0	
119	9	A0	
120	7	B2	
121	3	A2	
122	1	G5	
123	1	M	
124	6	A	E.
125	5	A	E.
126	3	K0	
127	5	F2	
128	5	F5	E.
129	3	A2	
130	5	A0	
131	2	K5	
132	1	K5	
133	1	A	
134	1	K	
135	4	K0	

Spire : 2.25
Feb. 11. 1913
Time : 10.07

109	+74°	946	21	56.5	+74	17.4	6.4
110	+78°	1003	21	51.1	+72	59.5	6.5
111	+73°	947	21	49.3	+73	21.0	9.0
112	+74°	939	21	47.9	+74	7.1	8.4
113	+74°	938	21	47.9	+74	17.7	8.7
114	+74°	926	21	37.0	+74	34.6	7.4
115	+75°	792	21	30.7	+75	40.0	8.6
116	+75°	791	21	29.1	+75	46.0	7.3
117	+75°	788	21	25.6	+75	19.9	6.8
118	+75°	787	21	23.8	+75	55.3	6.7
119	+76°	836	21	23.7	+76	27.9	6.5
120	+76°	833	21	17.3	+76	24.0	6.0
121	+76°	781	21	16.8	+75	56.3	8.4
122	+76°	832	21	16.0	+76	1.8	8.8
123	+76°	831	21	15.7	+76	6.6	8.9
124	+77°	811	21	18.4	+77	59.2	7.0
125	+78°	742	21	12.2	+78	3.6	7.5
126	+77°	823	21	30.3	+77	17.6	7.2
127	+73°	989	22	39.0	+73	33.7	7.5
128	+73°	998	22	50.0	+73	50.1	7.5
129	+73°	996	22	44.4	+73	54.0	8.4
130	+74°	988	22	46.2	+74	23.8	7.8
131	+73°	994	22	41.9	+73	47.7	7.3
132	+73°	991	22	40.8	+73	40.9	7.3
133	+74°	983	22	41.5	+74	10.9	8.9
134	+73°	987	22	36.8	+73	37.9	8.7
135	+73°	985	22	35.0	+73	44.5	8.3

Cardo made out

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Tuesday. Feb 11, 1913
7380.25 long disp.

No.	Int.	Class	Remark
136	6	Ma	
137	4	A0	
138	10	A0	
139	1	K5	
140	1	ly	
141	1	ha	
142	2	F2	
143	1	K	
144	2	K2	
145	4	A	Region of K not seen distinctly.
146	5	A3	E.
147	3	A	E.
148	3	A	E.
149	3	A	E.
150	6	A2	
151	4	A	E.
152	6	A	E.
153	3	A	E.
154	9	A	E.
155	6	A3	
156	3	A2	
157	7	A	E.
June 10.15 158	8	A	E.
159			

1.760

159

136	+74°	978	22	34.2	+74	87.2	6.5	✓
137	+74°	980	22	36.3	+74	54.4	8.2	✓
138	+75°	836	22	29.7	+75	27.3	5.7	✓
139	+75°	832	22	26.4	+75	28.8	7.7	✓
140	+75°	8825	22	19.7	+75	24.8	8.7	✓
141	+74°	953	22	5.4	+74	1.1	7.8	✓
142	+75°	814	22	6.7	+75	48.5	8.0	✓
143	+75°	811	22	4.2	+75	53.7	8.8	✓
144	+75°	808	22	57.0	+75	23.2	7.5	✓
145	+76°	849	22	0.4	+76	27.6	8.0	✓
146	+75°	858	22	50.6	+75	33.6	7.7	✓
147	+76°	892	22	57.2	+76	5.5	7.3	✓
148	+76°	880	22	47.3	+76	27.5	8.0	✓
149	+76°	874	22	42.0	+76	26.5	8.8	?
150	+76°	870	22	39.0	+77.6	51.0	7.5	✓
151	+77°	868	22	38.4	+77	16.0	8.1	N
152	+77°	871	22	41.5	+77	44.5	7.2	✓
153	+77°	866	22	33.8	+77	28.8	8.5	✓
154	+78°	801	22	28.6	+78	4.2	4.7	✓
155	+76°	859	22	23.4	+76	41.6	7.3	✓
156	+76°	857	22	18.8	+76	49.9	8.2	✓
157	+77°	860	22	22.4	+77	29.8	6.8	✓
158	+78°	796	22	25.6	+78	1.2	6.0	✓

Identified by Mr. C. W. Feb. 13, 1913
Checked by AMC. Feb. 14, 1913
cards made out by Mr. C.W.
Cards checked by E.R.B.

159 +75 764 20 56.5 +75 21 6.0 113 on 3722 ✓

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Tuesday. Feb. 11, 1913.

Time: 11.35

I 38044 long axis.

No	Int.	Class	Remark
1	4	Ae2	
2	3	Ly5	
3	3	F2	strong line, apparently 4077, or another Sr superposed?
4	5	Ly0	
5	9	Ly5	
6	10	Ae	
7	7	Ae	
8	2	F5	
9	7	F0	
10	2	Ly5	
10a	8	F0	
11	4	F0	
12	3	Ae5	
13	3	Ae5	
14	2	Ly0	
15	3	F0	
16	2	Ly5	
17	5	Ae2	
18	7	K0	
19	2	K5	
20	2	Ly0	
21	3	F8	
22	3	Ae	
23	1	K	
24	2	F8	
25	3	Ae	
26	2	Ae2	
27	4	Ae	

1	+71°	9.14	18	55.1	+71	38.0	7.5	✓
2	+73°	843	15	56.7	+73	53.7	7.8	✓
3	+74°	796	18	58.6	+74	16.3	8.3	✓
4	+74°	792	18	57.0	+74	33.7	7.5	✓
5	+73°	835	18	49.4	+73	54.3	5.3	✓
6	+75°	682	18	51.2	+75	15.5	5.8	✓
7	+75°	683	18	58.4	+75	35.2	6.5	✓
8	+76°	710	18	58.0	+76	54.9	8.4	✓
9	+77°	702	18	44.5	+77	32.3	7.0	✓
10	+75°	680	18	47.9	+75	43.3	8.7	✓
10a	+77°	699	18	34.8	+79	25.4	6.5	✓
11	+75°	678	18	46.2	+75	9.0	7.5	✓
12	+74°	789	18	42.5	+74	29.4	8.2	✓
13	+75°	674	18	40.8	+75	21.8	8.5	✓
14	+75°	672	18	38.1	+75	28.1	8.7	✓
15	+76°	694	18	38.0	+76	6.2	7.8	✓
16	+77°	698	18	36.2	+77	8.7	9.0	✓
17	+77°	697	18	33.9	+77	2.3	8.5	✓
18	+77°	696	18	31.3	+77	28.4	7.7	✓
19	+77°	693	18	24.3	+77	2.3	8.0	✓
20	+76°	685	18	25.6	+76	31.7	8.7	✓
21	+75°	668	18	27.4	+75	45.0	8.0	✓
22	+75°	667	18	26.2	+75	27.6	8.4	✓
23	+74°	775	18	30.1	+74	47.2	8.4	✓
24	+74°	781	18	36.0	+74	29.3	8.5	✓
25	+73°	829	18	31.6	+73	39.7	8.5	✓
26	+74°	769	18	27.4	+74	5.3	8.7	✓
27	+73°	822	18	25.2	+73	56.9	8.6	✓

Cards made out

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Tuesday, Feb. 11, 1913.

I 38044 long disp.

No.	Int.	Class	Remark
28	10+	F5	
29	2	G5	
30	2	F5	
31	4	F8	
32	2	A3	
33	2	A2	
34	2	K0	
35	1	K0	
36	2	A3	(near a bright star)
37	3	F5	
38	2	F0	
39	1	G	
40	4	F0	
41	3	F5	
42	3	K0	
43	2	K2	
44	2	F5	
45	2	A E	
46	3	A E.	
47	2	G E.	
48	2	G0	
Time: 11.45	49	1	G5
	50		
	51		
	52		
	53		
570	54	4	F5
571	55	5	F5

Cont. 137.20

28	+72°	839	18	23.7	+72	40.3	3.8	J
29	+73°	831	18	39.0	+73	8.7	7.0	J
30	+72°	859	18	42.0	+72	50.1	8.0	J
31	+76°	678	18	11.8	+76	5.8	7.2	J
32	+77°	679	18	11.1	+77	27.6	8.1	J
33	+77°	682	18	15.0	+77	30.8	8.5	J
34	+77°	681	18	14.7	+77	82.8	7.5	V
35	+77°	680	18	14.0	+77	54.9	8.2	J
36	+79°	586	18	33.0	+79	3.2	9.0	J
37	+79°	585	18	31.9	+79	5.6	8.5	J
38	+78°	637	18	30.0 26.8	+78	58.6 52.4	8.5	J
39	+78°	634	18	25.8	+78	52.4	8.5	J
40	+78°	661	18	58.8	+78	46.5	7.5	J
41	+78°	660	18	58.2	+78	39.1	7.5	V
42	+79°	614	18.9	14.2	+79	24.4	7.5	J
43	+78°	676	18.9	26.6	+78	57.3	8.1	J
44	+79°	629	19	33.2	+79	29.4	8.0	J
45	+79°	641	19	48.2	+79	40.1	8.5	J
46	+79°	640	19	46.6	+79	39.2	8.0	J
47	+79°	638	19	42.8	+79	49.0	7.5	V
48	+80°	604	19	9.3	+80	13.5	7.0	J
49	+79°	605	18	58.0	+79	55.3	8.0	J

Identified by M. C. W. Feb. 19, 1913
Checked by AMC. Feb. 15, 1913
cards made out by M. C. W.
Cards checked by G.R.B.

✓	50	+78°	570	18	10.8	+79	58	6.5
✓	51	+78°	571	18	11.0	+80	0	6.5

83 m 137.20

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Tuesday Feb. 11, 1913.

Time: 12.25

I 38139 long disp.

No.	Int.	Class	Remark
1	5	A2	
2	3	As	
3	4	Ys	
4	6	Ao	
5	7	Bg	
6	10+	lf	Burned out
7	3	As	
8	9	A2	
9	4	K0	
10	5	K0	
11	2	K0	
12	5	F2	
13	3	As	
14	5	F5	Line K faint or defective.
15	6	As	
16	7	Ao	
17	8	Ao	
18	2	F5	
19	2	lg	
20	3	F5	
21	1	F5	
22	2	F8	
23	2	lg	Faces pow.
24	2	F2	
25	8	A3	
26	10+	K	Burned out.
27	1	K5	

1	+76°	8912	22	57.2	+76	5.5	7.3 ✓
2	+76°	8913	22	58.0	+76	8.3	8.2 ✓
3	+75°	8917	22	56.9	+75	19.8	7.5 ✓
4	+74°	1007	22	59.2	+74	44.0	8.5 ✓
5	+74°	1002	23	1.8	+74	47.9	7.3 ✓
6	+74°	1006	23	3.3	+74	51.3	4.6 ✓
7	+74°	1011	23	8.8	+74	27.5	9.1 ✓
8	+74°	1016	23	12.3	+74	30.7	6.6 ✓
9	+74°	1018	23	16.6	+74	59.6	8.0 ✓
10	+76°	9014	23	11.0	+76	0.5	7.8 ✓
11	+76°	9018	23	15.0	+76	4.6	8.5 ✓
12	+76°	9111	23	15.7	+76	15.9	8.6 ✓
13	+76°	9114	23	18.7	+76	16.9	8.7 ✓
14	+76°	9115	23	18.9	+76	43.4	7.9 ✓
15	+77°	8916	23	11.9	+77	21.7	7.3 ✓
16	+77°	9018	23	25.2	+77	5.3	7.0 ✓
17	+77°	9019	23	26.2	+77	0.1	6.8 ✓
18	+76°	9124	23	25.5	+76	45.1	8.5 ✓
19	+76°	9117	23	21.4	+76	4.7	9.2 ✓
20	+75°	880	23	23.6	+75	49.7	8.8 ✓
21	+75°	881	23	25.8	+75	10.9	9.2 ✓
22	+75°	882	23	27.7	+75	48.3	9.0 ✓
23	+75°	885	23	29.6	+75	49.6	9.2 ✓
24	+78.6°	926	23	32.5	+78.6	0.9	9.0 ✓
25	+78.6°	927	23	32.6	+78.6	38.1	8.8 ✓
26	+78.6°	928	23	33.4	+78.6	49.5	3.5 ✓
27	+74°	1042	23	42.8	+74	57.4	8.5 ✓

cards made out

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Tuesday. Feb, 11, 1913.

I 38139 long drift.

No.	Int.	Class	Remark
28	2	K0	
29	3	A3	
30	4	G5	
31	3	F0	
32	1	K0	
33	3	A0	
34	3	K0	
35	9	A0	
36	4	K0	
37	5	F0	
38	3	A0	
39	2	G5	
40	3	A2	
41	5	G0	
42	2	F8	
43	8	A2	
44	6	K0	
45	2	A2	
46	1	F8	
47	3	F2	
48	3	F3g	
49	7	A2	
50	10	A2	
51	8	F	E.
52	4	K2	
53			
54			

Time: 13,35

cent. 140, 84.

28	+75°	871	23	6.2	+75	14.3	8.5
29	+74°	998	22	56.4	+74	6.3	9.0
30	+73°	1007	28	59.3	+73	41.7	8.0
31	+73°	1012	23	2.6	+73	56.9	7.8
32	+73°	1013	23	3.9	+73	38.6	8.8
33	+73°	1018	23	5.9	+73	25.9	8.7
34	+73°	1021	23	8.7	+73	46.0 / 34.9	8 / 9.0
35	+73°	1023	23	9.5	+73	27.3	6.2
36	+72°	1096	23	12.7	+72	53.6	6.8
37	+73°	1027	23	14.3	+73	7.8	7.8
38	+73°	1028	23	14.3	+73	22.4	8.7
39	+73°	1029	23	15.1	+73	16.0	8.5
40	+71°	1201	23	20.4	+71	49.4	8.5
41	+71°	1203	23	22.8	+71	26.5	8.0
42	+71°	1206	23	25.3	+71	10.8	8.0
43	+71°	1208	23	26.4	+71	12.2	6.8
44	+70°	1327	23	28.7	+70	49.6	6.0
45	+71°	1220	23	34.5	+71	2.9	9.0
46	+72°	1117	23	37.1	+72	33.2	8.5
47	+70°	1315	23	16.1	+70	44.3	9.2
48	+70°	1320	23	21.8	+70	59.5	8.7
49	+69°	1332	23	20.2	+69	53.3	6.8
50	+69°	1333	23	21.1	+69	34.3	6.2
51	+70°	1311	23	10.0	+70	5.8	6.0

Identified by W. C. W. Feb. 12, 1913.
Checked by J. B. W. Feb. 12, 1913
cards made out by W. C. W.
Cards checked by S. R. B.

52 +74 1047 23 40.4 +74 44 1 19 m 38139

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Tuesday. Feb. 11. 1913

Time 12.44

I 37 : 77 long disp.

No	Int.	Class	Remark
1	3	H2	
2	4	H3.5	H3 bright ?
3	2	H5	
4	3	A2	
5	2	F2	
6	1	F	
7	5	H0	
8	2	K2	
9	3	A0	
10	1	K	
11	8	A2	
12	3	A3	
13	6	Neb	H γ = 10. H δ = 20. H ε = 1 All bright
14	2	A0	
15	4	F0	
16	1	A	
17	1	K	
18	5	K0	
19	3	K2	E.
20	3	A0	E.
21	4	A5	The northern of two.
22	7	K8	
23	4	A0	
24	3	G	E.
25	10+	M	
26	5	A0	E.
27	2	A2	

1	+68°	1170	20	55.8	+68	29.8	6.5 ✓
2	+67°	1283	20	59.8	+67	35.9	6.8 ✓
3	+67°	1279	20	56.0	+67	11.7	7.2 ✓
4	+66°	1350	20	59.3	+66	8.5	7.6 ✓
5	+66°	1360	21	5.6	+66	42.4	8.8 ✓
6	+66°	1365	21	7.7	+66	29.3	8.6 ✓
7	+66°	1366	21	8.4	+66	7.3	6.8 ✓
8	+65°	1562	21	11.6	+65	55.3	7.7 ✓
9	+66°	1375	21	11.8	+66	0.9	8.0 ✓
10	+66°	1371	21	10.2	+66	51.3	8.2 ✓
11	+67°	1288	21	5.8	+67	39.9	7.0 ✓
12	+68°	1188	21	5.5	+68	1.0	8.2 ✓
13	+67°	1291	21	7.6	+67	57.4	var. ✓
14	+67°	1295	21	11.2	+67	33.3	7.8 ✓
15	+67°	1299	21	13.6	+67	44.9	7.5 ✓
16	+68°	1195	21	14.0	+68	18.4	8.5 ✓
17	+67°	1303	21	15.8	+67	56.8	8.0 ✓
18	+69°	1152	21	12.2	+69	26.7	6.8 ✓
19	+69°	1151	21	10.2	+69	50.6	6.8 ✓
20	+70°	1171	21	10.2	+70	13.7	7.2 ✓
21	+68°	1206	21	18.2	+68	56.3	8.0 ✓
22	+68°	1214	21	21.7	+68	54.6	7.0 ✓
23	+69°	1166	21	22.4	+69	23.2	7.5 ✓
24	+69°	1169	21	23.5	+69	50.8	7.4 ✓
25	+69°	1173	21	26.8	+69	55.7	3.0 ✓
26	+70°	1184	21	29.1	+70	9.7	7.2 ✓
27	+69°	1178	21	29.7	+69	0.5	8.7 ✓

Cards made out

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Tuesday, Feb. 11, 1913.

I 37 ± 77 long disp.

No.	Int.	Class	Remark
28	2	A2	
29	1	A	
30	7	B9	
31	8	B9	
32	3	B8	
33	2	A2	
34	3	A0	
35	1	K0	
36	2	K2	
37	5	A0	
38	9	A0	
39	4	A2	
40	2	K2	
41	3	K5	
42	7	F5	Metallic lines well defined.
43	1	F5	
44	5	A0	
45	3	K0	
46	1	A	
47	1	F	
48	6	F0	
49	2	A	
50	2	F	Kalopsaca faint Paliapa comp.
51	3	F0	
52	2	A0	Another star superposed?
53	7	A2	Metallic lines well defined.
54	5	A0	

28	+68°	12 25	21	30.2	+68	8.2	8.7	J
29	+68°	1223	21	29.8	+68	6.7	8.8	J
30	+68°	1322	21	28.1	+67	39.3	~~7.3~~ 7.7	J
31	+67°	1329	21	32.8	+67	8.2	6.8	J
32	+67°	1332	21	34.2	+67	32.0	8.3	J
33	+67°	1340	21	37.0	+67	28.0	8.5	J
34	+67°	1343	21	37.5	+67	42.7	8.4	J
35	+68°	~~1236~~ 1339	21	36.4	+68	52.9	8.8	J
36	+68°	1244	21	40.2	+68	23.3	7.8	J
37	+69°	1191	21	38.9	+69	1.7	8.1	J
38	+69°	1198	21	44.4	+69	28.7	6.7	J
39	+69°	1204	21	50.3	+69	0.2	7.2	J
40	+67°	1362	21	45.9	+67	35.6	8.0	J
41	+67°	1357	21	42.4	+67	4.9	8.1	J
42	+66°	1441	21	45.9	+66	7.2	6.4	J
43	+66°	1446	21	47.7	+66	9.5	8.2	J
44	+67°	1371	21	50.0	+67	48.1	7.0	J
45	+67°	1372	21	50.0	+67	28.5	6.9	J
46	+67°	1370	21	49.8	+67	26.2	9.2	J
47	+67°	1374	21	50.8	+67	17.2	8.1	J
48	+67°	1375	21	51.4	+67	4.8	6.8	J
49	+66°	1461	21	50.0	+66	54.0	8.7	J
50	+66°	1463	21	54.1	+66	26.4	8.8	J
51	+66°	1455	21	52.3	+66	0.6	7.5	J
52	+65°	1683	21	52.2	+65	44.7	8.5	A65° 1682 magn. 9.1 superposed
53	+65°	1664	21	48.8	+65	4.1	6.6	J
54	+65°	1680	21	51.5	+65	2.4	7.5	J

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Tuesday. Feb. 11, 1913.

I 37277 long disp

Remark

No.	Int.	Class	Remark
55	1	A	Partly superposed on 54.
56	8	B2	* B not well seen - may be bright.
57	4	B3	
58	6	B3	
59	4	Go	Partly superposed on 58.
60	4	J5	
61	3	J5	
62	6	A0	
63	3	A0	
64	2	A2	
65	3	F5	
66	2	A2	
67	3	A2	
68	1	F?	
69	4	A0	
70	6	F2	
71	3	F5	
72	4	A0	
73	7	A0	
74	4	F5	
75	2	A0	
76	2	K2	E.
77	5	A0	
78	3	A2	
79	7	K0	
80	2	K5	Almost ma.
81	2	A2	

Time: 13.55
Feb. 12, 1913
Time: 9.32

55	+64°	1606	21	51.6	+64	59.2	8.6	✓
56	+64°	1607	21	51.7	+64	38.8	6.5	✓
57	+64°	1608	21	53.1 52.2	+64	58.5 58.0	7.7 8.7	✓
58	+65°	1691	21	53.5	+65	27.7	6.5	✓
59	+65°	1690	21	53.3	+65	19.6	7.5	✓
60	+65°	1693	21	53.7	+65	27.0	6.8	✓
61	+64°	1613	21	56.2	+64	44.2	7.0	✓
62	+65°	1708	21	58.3	+65	8.3	8.1	✓
63	+64°	1617	21	58.4	+64	47.7	8.1	✓
64	+66°	1473	22	1.4	+66	4.1	8.1	✓
65	+65°	1722	22	2.2	+65	59.5	8.0	✓
66	+65°	1720	22	1.4	+65	34.6	8.6	✓
67	+66°	1470	21	59.3	+66	33.3	7.9	✓
68	+66°	1471	21	59.8	+66	24.9	8.3	✓
69	+67°	1409	21	5.2	+67	8.4	8.0	✓
70	+67°	1402	21	3.6	+67	35.6	7.5	✓
71	+67°	1405	21	4.5	+67	48.8	7.9	✓
72	+68°	1286	22	7.6	+68	8.4	8.0	✓
73	+68°	1287	22	9.3	+68	15.0	7.3	✓
74	+67°	1382	21	56.4	+67	16.2	7.5	✓
75	+67°	1384	21	58.3	+67	28.3	8.4	✓
+68°12-63	Approx pos 1925		21	54.6	+68	0	8.5	Should = star built
76	+67°	1378	21	52.6	+67	56.0	9.2	The star [illegible] and [illegible] is the one objected to. See Circ. [illegible] Plate I 37248 Check spot Plate I 37248
77	+65°	1634	21	39.1	+65	41.9	7.6	✓
78	+65°	1647	21	42.6	+65	16.0	8.1	✓
79	+64°	1594	21	44.6	+64	29.1	6.5	✓
80	+64°	1596	21	46.1	+64	33.5	7.5	✓
81	+65°	1662	21	46.8	+65	12.9	8.6	✓

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Wednesday. Feb. 12, 1913.
H 37277 long circ.

No.	Int.	Class	Remark
82	4	H0	
83	7	H0	
84	4	A5	
85	2	A2	
86	3	G	Another star superposed ?
87	7	Nebs	Hy not seen. H 8 bright. H3 bright + strongest. H+H faint.
88	5	F5	
89	5	B5	
90	5	Mb	
91	2	B8	
92	1	A5	
93	7	B5	
94	8	Ro	
95	10+	B	Blurred out.
96	3	F2	
97	6	A2	
98	7	B3	
99	4	Ma	E. Trans poor.
100	3	F0	
101	3	A E.	
102	4	A E.	
103	7	A E.	
104	3	B8	
105	6	A5	
106	6	B3	
107	7	B1	
108	4	B3	

82	+64°	1599	21	47.8	+64	2.0	7.7	✓
83	+64°	1600	21	48.0	+64	13.5	7.0	✓
84	+64°	1604	21	51.2	+64	18.7	8.5	✓
85	+64°	1610	21	53.0	+64	6.6	8.9	✓
86	+63°	1793	21	54.8	+63	57.2	9.1	+63° 1793 superposed. magn. 9.1
87	+62°	2007	21	52.6	+62	55.8	5.7	
88	+62°	2004	21	51.8	+62	34.4	7.2	✓
89	+62°	2006	21	52.1	+62	12.4	8.5	✓
90	+62°	2010	21	54.6	+62	0.1	7.0	✓
91	+62°	2012	21	54.9	+62	24.2	8.8	✓
92	+62°	2014	21	55.5	+62	33.8	8.7	✓
93	+61°	2233	21	56.3	+61	46.8	7.0	✓
94	+62°	2029	22	0.6	+62	3.4	6.0	✓
95	+61°	2246	22	0.7	+61	34.6	6.0	✓
96	+61°	2234	21	57.0	+61	16.5	7.2	✓
97	+60°	2323	21	54.6	+60	57.6	7.8	✓
98	+60°	2320	21	52.9	+60	38.8	7.5	✓
99	+60°	2318	21	51.0	+60	58.6	6.5	✓
100	+61°	2221	21	50.8	+61	18.3	8.0	✓
101	+60	2329	21	57.0	+60	51.3	7.6	✓
102	+60°	2330	21	57.8	+60	23.7	8.1	✓
103	+60°	2334	22	0.2	+60	37.6	7.5	✓
104	+63°	1779	21	47.3	+63	19.3	8.0	✓
105	+63°	1784	21	49.9	+63	2.6	8.0	✓
106	+62°	1992	21	48.3	+62	24.9	7.6	✓
107	+62°	1994	21	48.4	+62	0.1	7.0	✓
108	+61°	2217	21	49.8	+61	54.7	7.6	✓

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Wednesday Feb. 12, 1913.
Δ37277 long disp.

No.	Int.	Class	Remark
109	3	B8	Nearly all superposed on 108.
110	5	B3	
111	6	A2	
112	2	B8	
113	5	Ma	
114	7	Ma	E.
115	10+	B	E.
116	2	K5	E.
117	2	A5	E.
118	1	A	E.
119	4	A0	
120	2	A2	
121	1	A5	
122	1	F0	
123	7	F3	
124	5	K0	
125	3	F0	
126	8	G0	
127	5	G0	
128	2	F8	
129	2	A2	
130	1	G0	
131	10+	B3	H3 bright ∘1.
132	4	F0	
133	3	G2	
134	3	G0	
135	5 +	F3	∘ ?

109	+61°	2217	21	49.5	+61	53.1	8.6	✓
110	+61°	2209	21	47.6	+61	13.9	8.0	✓
111	+60°	2303	21	46.8	+60	55.8	7.2	✓
112	+61°	2208	21	46.5	+61	7.0	8.0	✓
113	+60°	2300	21	45.1	+60	35.6	6.5	✓
114	+60°	2294	21	43.2	+60	1.8	6.0	✓
115	+60°	2288	21	41.3	+60	26.2	4.5	✓
116	+65°	1519	20	54.1	+65	16.0	7.8	✓
117	+64°	1487	20	56.6	+64	38.6	9.0	✓
118	+65°	1532	20	58.6	+65	0.2	8.5	✓
119	+64°	1496	21	1.8	+64	26.2	7.8	✓
120	+63°	1698	21	4.8	+63	55.2	8.3	✓
121	+64°	1502	21	4.2	+63 4	28.6	8.9	✓
122	+64°	1504	21	4.8	+64	24.2	8.6	✓
123	+65°	1552	21	7.5	+65	5.9	7.0	✓
124	+65°	1554	21	8.1	+65	33.8	6.9	✓
125	+65°	1565	21	12.9	+65	15.5	7.9	✓
126	+63°	1708	21	10.8	+63	48.5	6.4	✓
127	+64°	1515	21	11.9	+64	8.9	7.2	✓
128	+63°	1711	21	11.9	+63	52.8	7.8	✓
129	+63°	1712	21	13.0	+63	56.2	8.3	✓
130	+64°	1522	21	13.0	+64	31.1	7.5	✓
131	+64°	1527	21	16.5	+64	16.7	5.5	✓
132	+64°	1528	21	17.0	+64	0.2	7.5	✓
133	+63°	1720	21	18.6	+63	46.5	7.3	✓
134	+63°	1721	21	19.4	+63	37.2	7.7	✓
135	+64°	1538 5	21	20.2	+64	22.6	7.4	✓

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Wednesday Feb. 12, 1913.
I 37277 long disp

No	Int.	Class	Remark
136	6	B9	
137	4	B9	Partly superposed on 136.
138	3	A0	
139	2	F2	
140	4	G5	
141	2	G5	Partly superposed on 142.
142	5	K0	
143	1	G5	
144	7	A0	
145	8	A	
146	3	F2	
147	10+	B8	
148	7	A0	
149	1	Ma	
150	2	K5	
151	2	A2	
152	1	K0	
153	2	F8	
154	2	K2	
155	1	A3	
156	2	A2	
157	1	K0	
158	7	F5	
159	5	A2	
160	2	A3	
161	1	K3	
162	3	A3	

136	+64°	1536	21	20.3	+64	24.7	7.2	✓
137	+64°	1538	21	20.7	+64	24.2	8.9	✓
138	+65°	1581	21	20.5	+65	32.4	8.0	✓
139	+65°	1582	21	21.1	+65	32.1	7.8	✓
140	+66°	1383	21	15.1	+66	1.9	7.8	✓
141	+65°	1573	21	15.9	+65	33.4	8.0	✓
142	+65°	1574	21	16.1	+65	22.9	6.8	✓
143	+66°	1389	21	17.1	+66	10.2	8.3	✓
144	+66°	1392	21	18.2	+66	36.2	7.6	✓
145	+66°	1395	21	20.4	+66	27.5	8.8	✓
146	+66°	1404	21	24.8	+66	1.1	7.8	✓
147	+66°	1405	21	25.0	+66	10.3	8.5	✓
148	+66°	1407	21	26.5	+66	24.6	6.5	✓
149	+65°	1588	21	24.8	+65	~~24.7~~ 24.2	~~8.0~~ 9.0	✓
150	+65°	1587	21	~~24.8~~ 25.1	+65	~~26.4~~ 1.5.1	~~8.0~~ 7.8	✓
151	+65°	1594	21	~~25.4~~ 26.2	+65	~~26.0~~ 18.6	8.5	✓
152	+64°	1543	21	21.9	+64	34.8	8.1	✓
153	+64°	1546	21	22.9	+64	38.0	7.8	✓
154	+64°	1548	21	23.9	+64	29.3	7.9	✓
155	+63°	1733	21	24.2	+63	58.3	8.5	✓
156	+63°	1738	21	24.7	+63	58.9	8.6	✓
157	+63°	1737	21	24.6	+63	45.0	8.5	✓
158	+63°	1735	21	24.5	+63	21.5	7.7	✓
159	+63°	1741	21	27.2	+63	39.6	7.5	✓
160	+64°	1565	21	30.2	+64	5.1	8.5	✓
161	+64°	1567	21	31.0	+64	19.2	7.5	✓
162	+64°	1564	21	29.4	+64	52.5	8.4	✓
						cards	made	out

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Wednesday Feb. 12, 1913.
I 37°77 long disp.

No.	Int.	Class	Remark
163	6	A0	
164	6	A0	
165	2	K0	
166	3	K6	
167	1	K0	
168	6	K0	
169	5	K2	
170	2	F8	
171	1	A	
172	1	K5	
173	2	A0	
174	5	F0	
175	8	F5	
176	3	A5	
177	3	F	Too much superposed on 178.
178	2	F5	
179	4	F0	
180	10	B2	
181	4	B3	
182	2	A3	
183	4	A0	
184	5	F	E.
185	5	K5	
186	4	A2	
187	2	K0	
188	4	A0	
189	9	B5	

163	+65°	1602	21	31.0	+65	5.8	7.5	✓
164	+64°	1569	21	32.0	+64	56.4	8.0	✓
165	+64°	1574	21	34.6	+64	59.9	7.5	✓
166	+64°	1575	21	34.8	+64	43.7	6.8	✓
167	+66°	1613	21	34.0	+65	24.8	8.1	✓
168	+66°	1415	31	31.4	+66	4.7	6.7	✓
169	+66°	1416	21	31.6	+66	8.2	6.7	✓
170	+66°	1412	21	30.5	+66	34.9	8.4	✓
171	+65°	1626	21	36.5	+65	4.8	8.5	✓
172	+64°	1580	21	36.7	+64	9.3	8.4	✓
173	+63°	1766	21	39.2	+63	58.9	8.5	✓
174	+63°	1768	21	39.4	+63	33.3	8.0	✓
175	+63°	1764	21	39.0	+63	3.2	7.0	✓
176	+62°	1975	21	40.1	+62	56.5	8.0	✓
177	+62°	1973	21	39.8	+62	6.4	8.2	✓
178	+61°	2188	21	39.8	+61	57.3	7.8	✓
179	+62°	1976	21	40.4	+62	4.4	8.0	✓
180	+61°	2193	21	41.0	+61	47.1	6.2	✓
181	+61°	2194	21	41.7	+61	37.6	7.8	✓
182	+61°	2199	21	43.6	+61	22.7	8.5	✓
183	+61	2188	21	39.1	+61	21.0 ~~39.5~~	7.8 ~~8.0~~	✓
184	+62°	1889	21	1.1	+62	47.8	6.5	✓
185	+62°	1892	21	2.9	+62	19.9	6.8	✓
186	+63°	1897	21	39	+63	11.7	7.9	✓
187	+62°	1896	21	4.5	+62	28.4	8.0	✓
188	+62°	1900	21	5.8	+62	19.3	8.0	✓
189	+62°	1903	21	6.4	+62	41.7	7.0	✓

cards made out

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Wednesday. Fst. 12,1913.
I 37 & 77 long disps

hr.	Fst.	Class	Remark
190	1	F5	
191	1	F0	
192	1	F2	
193	1	A2	
194	10+	F	
195	3	F8	
196	6	B9	
197	7	A0	
198	6	A0	
199	1	K	
200	3	K0	
*01	6	F0	
203	5	F5	304
203	4	B9	
204	1	A	
205	1	K	
206	4	A2	
207	4	F0	
208	10+	B	
209	5	A2	
210	4	A0	
211	4	A0	
212	1	A	
213	2	B9	
214	3	F5	
215	3	A0	E.
216	10	F0	E.

190	+63°	1700	21	7.2	+63	4.0	8.0	J
191	+63°	1703	21	8.6	+63	11.6	7.8	✓
192	+63°	1704	21	8.6	+63	86.9	7.8	J
193	+62°	1915	21	10.3	+62	17.1	8.7	✓
194	+61°	2111	21	15.2	+61	58.4	3.0	J
195	+61°	2118	21	17.1	+61	54.7	7.9	J
196	+61°	2112	21	15.6	+61	14.5	6.7	✓
197	+62°	1935	21	20.9	+62	28.5	7.3	✓
198	+62°	1942	21	23.5	+62	56.6	7.0	J
199	+62°	1944	21	23.7	+62	26.8	8.0	J
200	+61°	2136	21	23.6	+61	27.1	6.5	J
201	+61°	2139	21	24.4	+61	28.5	6.5	✓
202	+60°	2252	21	25.3	+60	47.9	6.9	J
203	+61°	2148	21	26.9	+61	15.5	7.6	J
204	+61°	2151	21	28.0	+61	5.8	8.3	J
205	+61°	2154	21	29.1	+61	23.3	9.1	J
206	+61°	2155	21	30.1	+61	8.9	7.8	J
207	+61°	2166	21	33.4	+61	39.6	7.6	J
208	+61°	2169	21	34.1	+61	24.8	5.0	✓
209	+63°	1747	21	30.6	+63	5.9	6.8	J
210	+63°	1748	21	30.7	+63	21.5	7.7	J
211	+63°	1753	21	33.6	+63	5.4	7.2	J
212	+63°	1755	21	33.6	+63	19.5	8.5	✓
213	+63°	1754	21	33.1	+63	52.9	8.5	J
214	+63°	1759	21	35.1	+63	43.8	7.0	✓
215	+60°	2271	21	33.2	+60	26.9	7.5	J
216	+59°	2395	21	87.0	+589	494	5.7	J
					Cards	made	out	

mag. 9.1
+61° 2153 2 disposed

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Wednesday. Feb. 12, 1913.
I 37277 long disp.

No.	Int.	Class	Remark
217	4	B3	E.
218	2	M0	
219	7	M0	E.
220	4	F5	E.
221	3	Met	E.
222	2	M2	
Lens: 10.07 223	4	A0	

224 2 B

217	+60°	2233	21	20.4	+60	10.9	7.3	✓
218	+61°	2131	21	20.8	+61	5.1	7.7	✓
219	+60°	2227	21	16.9	+60	9.1	6.8	✓
220	+60°	2224	21	16.7	+60	4.3	6.5	✓
221	+60°	2217	21	15.0	+60	34.1	7.0	✓
222	+61°	2109	21	14.8	+61	10.1	7.8	✓
223	+61°	2092	21	2.3	+61	35.6	7.3	✓

Identified by W. C. W July 26, 1913.
Checked by AMC. Aug. 5, 1913
cards made out by W. C. W.

224 +60 2276 21 35.1 +60 34 8.3 38m N38526

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Wednesday Feb. 12, 1913.

I 3830 along axis. (for faint stars)

Time: 13.04

	Iro.	Int.	Class	Remark
	1	2	Kp	E.
	2	1	K0	
	3	2	A0	
	4	2	F5	
	5	2	K0	
	6	1	K2	
	7	1	G	
	8	2	A2	
	9	1	K0	
	10	3	A0	
12.07	11	2	A3	
12.50	12	1	A	
	13	2	G5	
	14	2	K0	
	15	2	F5	
	16	2	F2	
	17	2	G5	
	18	1	Gp	
	19	3	F2	
	20	3	F2	
	21	2	F0	
	22	2	F0	"
	23	2	Gp	"
	24	2	K0	"
	25	2	F8	"
	26	2	F8	"
	27	1	K2	"

1	+22°	611	3	50.6	+22	34.3	8.5	✓
2	+22°	608	3	49.2	+22	30.0	8.8	✓
3	+21°	560	3	48.4	+21	30.2	9.0	✓
4	+21°	556	3	47.5	+21	47.6	9.0	✓
5	+22°	596	3	46.7	+22	55.9	8.4	✓
6	+23°	589	3	48.0	+23	16.4	8.6	✓
7	+23°	586	3	47.2	+23	23.3	9.0	✓
8	+23°	584	3	46.4	+23	30.2	9.1	✓
9	+22°	588	3	44.8	+22	42.1	8.7	✓
10	+25°	637	3	44.4	+25	5.9	8.6	✓
11	+24°	590	3	44.3	+24	57.3	9.0	✓
12	+25°	635	3	44.0	+25	12.4	9.2	✓
13	+24°	586	3	43.3	+24	53.6	8.5	✓
14	+25°	630 626	3	43.0 42.4	+25	24.6 8.6	8.3 9.2	✓
15	+25°	626	3	42.4	+25	8.6	9.2	✓
16	+24°	584	3	42.8	+24	8.4	8.9	✓
	+24°	5.72	3	39.7	+24	58.9	9.1	✓
17	+24	568	3	39.1	+24	56.1	8.4	✓
18	Approx	1855	3	39.6	+ 2.4	48		✓
19	+24°	563	3	38.4	+23	31.9	8.4	✓
20	+23°	520 547	3	37.8	+23	43.8 34.9	8.2	✓
21	+23°	528	3	38.5	+23	32.7	8.5	✓
22	+23°	549	3	39.6	+23	52.1	8.5	✓
23	+22°	541	3	36.8	+22	44.7	8.7	✓
24	+25°	601	3	35.3	+25	24.4	8.0	✓
25	+25°	600	3	35.2	+25	16.8	8.3	✓
26	+25°	597	3	34.9	+25	17.5	8.3	✓
27	+25°	598	3	34.9	+25	39.6	8.4	✓

This star has gone off the plate in R.A.

cards made out

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Wednesday. Feb. 12, 1913.
I 38300 long disp.

	Nr.	Int	Class	Remark
	~~1562~~8	3	H_3	
	29	3	F_2	
	30	2	A_0	
	31	1	G_5	
	32	1	G_5	
	33	2	F_5	
	34	3	H_0	
	35	3	A_2	
	36	2	G	Auctus star superposed at south.
12.57	37	10	G_2	
✓	38	1	K_0	Nearly all superposed on 20
✓	39	3	A_2	
✓	40	3	A_3	
✓	41	6	A_0	

28	+26°	601	3	33.8	+26	6.9	7.7	✓
29	+24°	528	3	31.2	+24	44.0	8.9	✓
30	+24°	526	3	30.5	+24	40.7	8.7	✓
31	+24°	524	3	30.0	+24	58.5	9.0	✓
32	+22°	599	3	47.5	+22	42.1	9.1	✓
33	+20°	622	3	36.3	+20	17.4	8.0	✓
34	+20°	618	3	35.2	+20	15.8	8.2	✓
35	+19°	579	3	34.1	+19	40.8	8.0	✓
36	+23°	482	3	27.9	+23	26.4	8.5	✓
37	+23°	473	3	25.9	+23	39.2	6.2	✓

Identified by M. C. W. Feb. 28, 1913.
Checked by J. C. M. March 7, 1913
cards made out by M. C. W.

38	+23°	519	3	37.6	+23	44.3	8.0	✓
39	+23°	517	3	37.2	+23	34.9	8.2	✓
40	+23°	510	3	36.8	+23	34.6	8.2	✓
41	+21°	492	3	30.8	+21	2.3.2 ~~32~~	7.2	✓

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Thursday, Mar. 31, 1913.

Time: 2.11

B 1437 a about disp. (cont. from B 6.38, 7½)

No	Int.	Class	Remark
77	2	3/0	
78	2	3/0	
79	3	4	
80	2	4/5	
81	2	3/2	
82	1	3/2	
83	1	3/0	
84	1	5	
85	1	3/0	
86	1	3	
87	2	4/0	
88	2	5	
89	3	5	
90	6	5	
91	4	4	Focus poor.
92	3	3/0	
93	1	4/5	
94	2	4	E.
95	1	4	
96	1	3/0	
97	2	4	
98	2	4/0	
99	1	4/0	
100	1	5	
101	2	5	
102	1	4/0	

77	-40° 308	1	13.6	-40	39.5	9.2	✓
78	-41° 313	1	8.9	-41	13.0	8.5	✓
79	-41° 312	1	8.5	-41	21.2	8.4	✓
80	-41° 309	1	7.5	-41	16.7	8.5	✓
81	-41° 281	1	2.2	-41	14.8	8.7	✓
82	-40° 253	1	3.0	-40	39.1	9.0	✓
83	-40° 254	1	3.1	-40	6.7	8.7	✓
84	-39° 310	1	4.1	-39	50.2	9.1	✓
85	-39° 307	1	3.6	-39	51.8	9.0	✓
86	-39° 295	1	2.1	-39	37.4	9.3	✓
87	-39° 271	0	57.0	-39	15.1	8.5	✓
88	-39° 262	0	56.1	-39	44.8	9.0	✓
89	-40° 230	0	56.9	-40	41.8	8.5	✓
90	-40° 227	0	56.2	-40	53.4	8.1	✓
91	-41° 254	0	55.6	-41	6.5	8.7	✓
92	-40° 220	0	54.5	-40	46.3	8.0	✓
93	-38° 331	0	52.9	-38	9.6	9.0	✓
94	-39° 235	0	50.8	-39	7.2	8.7	✓
95	-37° 358	0	52.5	-37	43.9	8.7	✓
96	-37° 338	0	50.8	-37	53.2	8.5	✓
97	-36° 346	0	52.1	-36	52.8	9.0	✓
98	-36° 401	0	58.8	-36	53.8	8.5	✓
99	-36° 384	0	56.8	-36	22.3	8.7	✓
100	-36° 370	0	55.0	-36	1.8	8.5	✓
101	-35° 363	0	58.2	-35	7.5	8.7	✓
102	-35° 350	0	56.7	-35	2.2	8.5	✓

Cards made out

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Monday. Mar. 31, 1913.
B3+372 short disp.

	No.	Int	Class	Remark
.	103	2	45	E.
2.19	104	2	75	E.
2.23	105	2	45	
	106	1	45	
	107	3	40	
	108	4	75	E.
	109	3	45	
	110	3	4	E.
	111	1	40	
	112	2	75	
	113	3	78	
	114	2	75	
	115	2	45	
	116	2	75	
	117	2	45	
2.26	118	1	40	
	119			
	120			
Jan 15/16	119	3	75	
	120	3	75	

103	-34° 350	360	0	51.1	-34	32.7	8.4
104	-36° 312		0	48.4	-36	5.3	8.3
105	-39° 344		1	10.5	-39	22.0	9.0
106	-39° 335		1	9.2	-39	30.0	9.2
107	-39° 333		1	8.6	-39	26.7	8.7
108	-41° 343		1	16.9	-41	37.6	8.3
109	-39° 414		1	22.1	-39	47.8	8.0
110	-37° 586		1	26.8	-37	56.0	8.5
111	-37° 584		1	26.7	-37	45.6	8.6
112	-36° 580		1	25.2	-36	19.6	8.5
113	-36° 568		1	23.7	-36	2.9	8.3
114	-37° 529		1	18.1	-37	22.5	9.0
115	-37° 511		1	15.6	-37	26.4	8.7
116	-37° 510		1	15.5	-37	33.4	8.7
117	-36° 492		1	11.6	-36	2.4	8.7
118	-38° 439		1	9.9	-38	52.6	9.2

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

✓	119	-39° 232	0	50.1	-39	46	8.5	80 on B12198
✓	120	-37 353	0	52.3	-37	56	8.5	92 " "

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Thursday April 3, 1913.

Bpc 42 long exp. 6 21 -35

Time: 11.04

No.	Int.	Class
1	2	B3 Maybe a trail.
2	10	B3
3	4	F0
4	5	A0
5	3	F0
6	5	G5
7	10	G0
8	3	F2
9	3	G5
10	2	A3
11	10	B5
12	8	B5
13	2	B9
14	3	A0
15	9	B3
16	9	B9
17	2	B9
18	3	B8
19	2	A0
20	4	F2
21	3	B8
22	3	B9
23	3	A3
24	4	F0
25	2	A2
26	5	F0
27	2	A5

*								
21	Trail of	-30°	3038	6	15.5	-30	0.3	3.2 ✓
2		-30°	3038	6	15.5	-30	0.3	3.2 ✓
3		-29°	3021	6	16.1	-29	36.8	6.9 ✓
4		-29°	3090	6	20.9	-29	38.2	7.0 ✓
5		-30°	3096	6	18.5	-30	52.8	7.5 ✓
6		-31°	3245	6	18.6	-31	43.3	6.8 ✓
7		-33°	2927	6	17.6	-33	22.7	3.9 ✓
8		-33°	2944	6	19.1	-33	14.7	8.0 ✓
9		-33°	29821	6	22.1	-33	20.1	7.5 ✓
10		-32°	3053	6	22.8	-32	32.5	8.3 ✓
11		-32°	3066	6	23.5	-32	30.2	4.7 ✓
12		-32°	3072	6	24.0	-32	17.3	6.5 ✓
13		-32°	3074	6	24.1	-32	45.5	9.7 Var or trail? V. See C. B. magn.
14		-31°	3357	6	25.83	-31	5.3	7.5 ✓
15		-31°	3407	6	28.0	-31	55.9	6.0 ✓
16		-32°	3168	6	30.0	-32	37.4	6.1 ✓
17		-32°	3171	6	30.3	-32	12.2	8.3 ✓
18		-31°	3451	6	30.7	-31	29.5	8.0 ✓
19		-31°	3428	6	30.3	-31	45.1	8.3 ✓
20		-31°	3468	6	31.8	-31	47.1	7.3 ✓
21		-31°	3520	6	34.6	-34	43.4	7.9 ✓
22		-32°	3256	6	35.4	-32	47.1	8.5 ✓
23		-34°	3026	6	36.0	-34	8.9	7.7 ✓
24		-32°	3298	6	38.1	-32	35.1	7.3 ✓
25		-34°	3054	6	38.0	-34	14.3	8.0 ✓
26		-33°	3080	6	36.2	-33	54.7	7.0 ✓
27		-34°	2907	6	24.9	-34	0.4	7.5 ✓

cards made out.

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Thursday, April 3, 1913.

9042
B 4452 long dist.

No	Dist.	Class	Remarks
28	5	70	
29	6	Ip	
30	3	Bg	
31	4	A2	
32	3	F5	
33	3	A2	
34	4	G5	
35	6	G5	
36	6	K8	
37	2	A0	
38	4	A0	
39	57	F2	
40	5	Bg	
41	6	Bg	
42	4	K8	
43	4	F5	
44	3	Bg	
45	8	A2	
46	7	G5	
Time 11.12	47	5	B3a
	48		
	49		
	50		

48	9		G5					
49	5		G5					

28	-34°	2921	6	26.4	-34	54.8	7.5 ✓	
29	-35°	2947	6	26.8	-35	10.5	6.5 ✓	
30	-35°	2894	6	21.3	-35	37.6	8.0 ✓	
31	-34°	2868	6	31.2	-34	58.0	7.7 ✓	
32	-34°	2864	6	21.0	-34	59.5	7.1 ✓	
33	-36°	2847	6	15.9	-36	17.6	7.7 ✓	
34	-36°	2875	6	19.8	-36	37.5	7.0 ✓	
35	-36°	2873	6	19.7	-36	38.2	6.6 ✓	
36	-36°	2869	6	19.4	-36	57.3	7.5 ✓	
37	-37°	2838	6	22.9	-37	1.7	8.3 ✓	
38	-37°	2831	6	22.5	-37	9.0	8.3 ✓	
39	-37°	2837	6	22.9	-37	49.4	6.8 ✓	
40	-36°	3031	6	32.9	-36	52.7	6.3 ✓	
41	-36°	3009	6	31.1	-36	41.4	6.0 ✓	
42	-36°	2990	6	29.4	-36	8.1	5.9 ✓	
43	-35°	3005	6	31.5	-35	58.4	6.9 ✓	
44	-37°	2882	6	27.5	-37	5.3	7.9 ✓	
45	-37°	2708	6	12.9	-37	12.4	6.4 ✓	
46	-37°	2707	6	12.8	-37	41.9	5.8 ✓	
47	-36°	2714	6	8.1	-36	32.0	6.8 ✓	

Identified by W. C. W. Aug. 16, 1913.
Checked by A.M.C. September 1, 1913
Cards made out by E.R.B.
Cards checked by A.M.C.

48	-37°	2889	6	28.1	-37	36	5.8	
			Ident from B 5558, no. 9. 7 cards made out A.J.C. Dec 1, 1915					
49	-38°	2782	6	32.8	-38	3	6.7	

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Thursday, April 3, 1913.

Time: 11.56

B 2433 short disp. 6 50 − 27

	No.	Int.	Class	Remark
	1	4	Y5	E.
	2	8	A	E.
	3	3	A5	E.
	4	3	A1	E.
	5	3	A2	E.
	6	2	F0	E.
	7	4	A0	E.
	8	4	G5	E.
	9	3	A2	E.
	10	2	A3	E.
	11	4	A0	E.
11.57	12	8	A0	E.
12.33	13	2	F8	E.
	14	7	F5	
	15	1	K5	
	16	4	F2	
	17	2	F5	
	18	2	Ma	
	19	3	K2	
	20	3	A0	
	21	2	K2	
	22	2	A2	
	23	4	F0	
	24	1	K0	
	25	2	A2	
	26	2	F8	
	27	3	A0	

1	−29°	3208	6	28.4	−29	40.2	7.9
2	−31°	3583	6	37.6	−31	33.0	7.9
3	−31°	3641	6	40.8	−31	22.0	8.5
4	−31°	3670	6	42.7	−31	58.3	8.0
5	−31°	3680	6	43.3	−31	29.4	9.0
6	−31°	3685	6	43.6	−31	20.3	9.0
7	−31°	3701	6	44.6	−31	24.7	8.9
8	−31°	3707	6	44.9	−31	7.5	8.5
9	−30°	3582	6	45.4	−30	57.1	8.7
10	−31°	3747	6	47.8	−31	3.8	8.7
11	−31°	3767	6	48.7	−31	3.1	8.5
12	−31°	3775	6	49.2	−31	27.8	7.9
13	−31°	3769	6	48.8	−31	36.8	8.7
14	−30°	3670	6	50.0	−30	59.4	7.5
15	−31°	3782	6	49.7	−31	8.7	8.6
16	−31°	3796	6	50.4	−31	12.8	8.7
17	−31°	3792	6	50.1	−31	19.8	9.3
18	−31°	3791	6	50.1	−31	32.1	8.5
19	−31°	3813	6	51.6	−31	4.7	8.3
20	−31°	3846	6	53.0	−31	2.4	9.3
21	−30°	3744	6	53.4	−30	54.3	8.3
22	−30°	3703	6	51.3	−30	25.6	9.4
23	−30°	3701	6	51.2	−30	37.0	8.5
24	−30°	3677	6	50.5	−30	30.5	9.0
25	−30°	3664	6	49.8	−30	25.9	9.3
26	−30°	3648	6	49.0	−30	33.5	8.7
27	−30°	3646	6	48.9	−30	14.4	9.0

Cards made out

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Thursday April 3, 1913
B 24433 short disp.

No.	Int.	Class	Remark
28	3	Ao	
29	2	As	
30	4	fpo	
31	1	A	
32	2	Ma	
33	2	78	
34	2	Ma	
35	2	A2	
36	1	Fo	
37	2	Ko	
38	1	fp5	
39	4	Ao	
40	1	A	
41	1	fpo	
42	2	F8	
43	2	F5	
44	1	Fo	
45	1	K2	
46	2	Fo	
47	2	Fo	
48	1	A	
49	2	Fo	
50	2	fpo	
51	1	Fo	
52	3	A2	
53	2	A	
54	2	A	E.

28	- 30°	3659	6	49.6	- 30	9.8	9.3	∧ J
29	- 29°	3642	6	50.3	- 29	54.1	9.4	∧ J
30	- 29°	3636	6	50.0	- 29	43.3	9.0	∧ J
31	- 29°	3632	6	49.7	- 29	47.8	9.6	∧ J
32	- 29°	3629	6	49.7	- 29	19.4	8.9	∧ J
33	- 29°	3599	6	48.2	- 29	41.3	9.1	∧ J
34	- 29°	3587	6	47.7	- 29	21.1	9.1	∧ J
35	- 29°	3576	6	47.3	- 29	18.1	9.5	∧ J
36	- 29°	3556	6	46.3	- 29	46.8	9.3	∧ J
37	- 29°	3553	6	46.1	- 29	48.1	8.7	∧ J
38	- 28°	3544	6	45.5	- 28	48.3	9.3	∧ J
39	- 29°	3537	6	45.0	- 29	49.3	9.3	∧ J
40	- 29°	3531	6	44.7	- 29	39.3	9.7	∧ J
41	- 29°	3534	6	44.9	- 29	24.5	9.1	∧ J
42	- 29°	3517	6	44.1	- 29	5.8	9.6	∧ J
43	- 28°	3470	6	44.1	- 28	46.3	9.1	∧ J
44	- 28°	3428	6	42.4	- 28	35.4	9.0	∧ J
45	- 28°	3422	6	42.1	- 28	15.9	9.1	∧ J
46	- 27°	3269	6	42.2	- 27	58.6	9.5	∧ J
47	- 28°	3414	6	41.9	- 28	0.7	8.8	∧ J
48	- 28°	3409	6	41.5	- 28	6.9	10	∧ J
49	- 28°	3378	6	40.5	- 28	18.0	8.7	∧ J
50	- 29°	2464	6	42.0	- 29	3.6	9.2	∧ J
51	- 29°	3449	6	41.2	- 29	44.3	9.3	∧ J
52	- 30°	3513	6	41.1	- 30	21.0	9.3	∧ J
53	- 30°	3465	6	38.9	- 30	50.5	9.0	∧ J
54	- 31°	3600	6	38.4	- 31	17.6	9.1	∧ J

Cards made out

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Thursday. April 3. 1913.
B2443 short disp.

No	Dist.	Class	Remark
.55	2	A5	
.56	3	A2	
57	3	A0	
.58	2	A5	
.59	2	F0	
.60	1	G5	
.61	1	G	
.62	1	A0	
.63	1	F8	
.64	2	A0	
.65	3	A0	
.66	2	G5	
.67	1	A0	
.68	2	F5	
.69	3	A2	
.70	3	A2	
.71	3	A3	
.72	2	A5	
.73	3	A3	
.74	2	A3	
.75	3	A3	
.76	2	G5	
.77	2	A2	
.78	3	F5	
.79	3	G0	
80	1	F5	
81	1	A0	

55	-29°	3321	4	34.7	-29	55.3	7.9	1 J
56	-27°	3242	6	39.6	-27	26.6	9.5	1 J
57	-27°	3248	6	39.6	-27	27.6	9.6	1 J
58	-27°	3251	6	40.0	-27	8.4	8.5	1 J
59	-27°	3266	6	40.5	-27	4.4	9.1	1 J
60	-27°	3255	6	40.5	-27	17.2	9.3	1 J
61	-27°	3259	6	40.8	-27	48.5	9.5	1 J
62	-27°	3273	6	42.5	-27	29.6	9.3	1 J
63	-27°	3281	6	42.8	-27	40.6	9.7	1 J
64	-26°	3397	6	42.4	-26	54.0	9.5	1 J
65	-26°	3379	6	41.0	-26	35.3	8.8	1 J
66	-26°	3369	6	40.3	-26	1.6	8.8	1 J
67	-26°	3370	6	40.6	-26	3.4	9.1	1 J
68	-26°	3371	6	40.6	-26	11.9	9.2	1 J
69	-25°	~~3385~~ 3551	6	~~40.7~~ 40.5	~~-25~~ -25	~~35.5~~ 34.6	~~7.5~~ 9.3	J
70	-25°	3590	6	40.8	-25	45.5	9.3	1 J
71	-25°	3606	6	41.3	-25	25.7	9.1	1 J
72	-25°	3613	6	41.6	-25	41.0	9.5	1 J
73	-25°	3629	6	42.4	-25	54.0	9.6	1 J
74	-26°	3415	6	43.1	-26	12.2	9.5	1 J
75	-25°	3650	6	43.5	-25	45.0	9.7	1 J
76	-25°	~~3647~~ 3647	6	~~44.1~~ 44.1	~~-25~~ -25	~~48.0~~ 48.0	~~9.4~~ 9.8	1 J
77	-25°	3683	6	45.1	-25	31.5	9.5	1 J
78	-26°	3457	6	45.3	-26	8.8	9.3	1 J
79	-26°	3455	6	45.2	-26	37.5	8.5	1 J
80	-26°	3422	6	43.4	-26	57.5	9.5	1 J
81	-27°	3282	6	42.8	-27	11.7	9.3	1 J

Cards made out

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Thursday, April 3, 1913.
V3244 33 short drifts.

No.	Int	Class	Remark
82	1	G5	
83	1	G0	
84	2	G0	
85	1	G5	
86	2	K0	
87	3	K2	
88	3	K3	
89	4	K0	
90	4	K2	
91	2	K0	
92	1	G5	The southern of two.
93	1	K0	
94	2	K0	
95	2	K8	
96	2	A0	
97	3	A0	
98	2	A0	
99	3	A0	
Time 15.47.00 April 4, 1913 Time 10.05	3	G5	
101	1	K0	
102	3	A3	
103	2	K0	
104	2	G0	
105	1	G5	
106	2	K5	
107	2	A0	
108	3	K3	

82	-27°	3289	6	43.3	-27	34.1	9.6
83	-27°	3303	6	44.4	-27	24.6	9.7
84	-27°	3300	6	44.1	-27	12.2	9.8
85	-27°	3311	6	45.2	-27	27.1	9.9
86	-27°	3309	6	45.0	-27	57.7	9.5
87	-28°	3487	6	45.0	-28	32.3	9.0
88	-28°	3485	6	44.8	-28	34.8	9.1
89	-28°	3508	6	46.0	-28	46.8	8.3
90	-28°	3517	6	46.3	-28	56.4	9.6
91	-28°	3524	6	46.7	-28	29.3	8.8
92	-28°	3542	6	47.9	-28	37.3	9.0
93	-28°	3567	6	49.1	-28	22.6	9.2
94	-27°	3401	6	50.1	-27	57.4	9.5
95	-27°	3416	6	50.8	-27	53.1	9.3
96	-28°	3599	6	50.7	-28	12.9	9.4
97	-27°	3486	6	51.5	-27	35.8	9.4
98	-27°	~~3438~~ 3434	6	51.5	-27	45.4	9.9
99	-28°	~~3637~~ 3628	~~6~~ 6	~~52.4~~ 53.5	~~-28~~ -28	~~11.4~~ 16.8	~~10~~ 9.7
100	-28°	3642	6	52.6	-28	13.8	8.8
101	-28°	3647	6	52.8	-28	51.6	9.3
102	-28°	3650	6	52.9	-28	53.7	9.3
103	-29°	3713	6	53.2	-29	8.5	9.3
104	-28°	3623	6	51.6	-28	45.2	9.0
105	-29°	3676	6	51.7	-29	6.7	9.6
106	-29°	3664	6	51.4	-29	4.2	9.5
107	-28°	3596	6	50.6	-28	54.7	9.7
108	-28°	3589	6	50.1	-28	37.8	9.2

Cards made out

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Friday, April 4, 1913.

B244 33 short disp.

No.	Grt.	Class	Remark
109	1	Gr5	
110	2	F8	
111	1	F0	
112	1	A0	
113	1	F5	
114	2	G0	
115	2	F0	
116	2	F5	
117	2	A0	
118	1	A3	
119	1	F5	
120	3	A2	
121	2	G	
122	2	G	
123	2	G	
124	2	G	
125	3	G2	
126	4	A3	
127	2	F0	
128	3	A0	
129	2	G5	
130	1	A0	
131	2	A0	
132	2	F0	
133	1	G0	
134	2	A0	
135	3	A2	

109	-28°	3587	6	50.1	-28	41.7	9.3	∧ ∨
110	-28°	3607	6	50.9	-28	22.9	9.2	∧ ∨
111	-29°	3624	6	49.3	-29	3.7	9.3	∧ ∪
112	-28°	3557	6	48.7	-28	49.7	9.6	∧ ∪
113	-29°	3589	6	47.8	-29	47.8	9.4	∧ ∨
114	-29°	3580	6	47.4	-29	40.3	9.6	∧ ∨
116	-29°	3582	6	47.5	-29	58.4	9.3	∧ ∪
116	-30°	3593	6	46.0	-30	25.9	8.1	∧ ∨
117	-30°	3597	6	46.1	-30	41.1	9.1	∧ ∪
118	-30°	3599	6	46.3	-30	26.3	9.4	∧ ∪
119	-30°	3606	6	46.7	-30	350	8.5	∧ ∪
120	-30°	3692	6	51.0	-30	9.8	9.3	∧ ∪
121	-30°	3709	6	51.5	-30	24.9	9.5	∧ ∨
122	-30°	3712	6	51.9	-30	16.3	9.3	∧ ∨
123	-30°	3718	6	52.0	-30	*19.3	9.7	∧ ∪
124	-30°	3733	6	52.8	-30	10.8	9.3	∧ ∪
125	-30°	3739	6	53.1	-30	15.8	9.0	∧ ∪
126	-30°	3751	6	53.7	-30	20.8	9.0	∧ ∨
127	-30°	3758	6	54.0	-30	27.2	9.0	∧ ∪
128	-29°	3704	6	52.8	-29	36.8	9.3	∧ ∪
129	-29°	3717	6	53.4	-29	28.4	9.0	∧ ∪
130	-29°	3721	6	53.5	-29	27.4	9.1	∧ ∪
131	-29°	3725	6	53.7	-29	26.4	9.6	∧ ∪
132	-29°	3729	6	53.9	-29	35.1	9.5	∧ ∨
133	-29°	3747	6	55.1	-29	36.2	9.5	∧ ∪
134	-29°	3748	6	55.2	-29	37.2	9.7	∧ ∪
135	-29°	3753	6	55.4	-29	37.2	9.0	∧ ∨

* Dec. given 29.3 in C.Orm list assumed to be 19.3 See Chart plates + C.P.S. catalogue cards made out

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Friday, April 4, 1913.

T3244 33 short exps.

No.	Int.	Class	Remark
136	4	A5	
137	1	F5	
138	3	A0	
139	2	G0	
140	2	F0	
141	2	A0	
142	3	A0	The preceding of two.
143	1	G0	
144	1	G5	
145	10	K3	
146	3	A2	
147	1	K2	
148	1	A0	
149	2	A2	
150	2	A0	
151	1	A0	
152	2	A0	
153	3	A2	
154	3	A0	
155	1	G0	
156	1	F2	
157	3	A0	
158	2	G5	
159	1	F2	
160	4	G5	
161	2	A3	
162	2	F0	Partly superposed on 163.

136	-29°	3758	6	55.5	- 29	58.8	8.8	1 ✓
137	-30°	3774	6	55.3	- 30	19.8	9.4	1 ✓
138	-30°	3773	6	55.3	- 30	26.2	8.7	1 ✓
139	-29°	3772	6	56.2	- 29	45.2	9.0	∧ ✓
140	-29°	3776	6	56.3	- 29	38.2	9.5	∧ ✓
141	-29°	3756	6	55.5	- 29	1.8	9.5	1 ✓
142	-29°	3759	6	55.7	- 29	5.1	9.6	∧ ✓
143	-28°	3717	6	56.2	- 28	31.1	9.1	∧ ✓
144	-28°	3729	6	56.5	- 28	16.4	9.3	∧ ✓
145	-28°	3689	6	54.8	- 28	13.4	7.3	∧ ✓
146	-28°	3697	6	55.1	- 28	14.1	9.3	∧ ✓
147	-27°	3482	6	54.2	- 27	42.1	9.0	∧ ✓
148	-27°	3481	6	54.4	- 27	47.8	9.8	∧ ✓
149	-27°	3488	6	54.5	- 27	53.3	9.7	∧ ✓
150	-27°	3468	6	53.1	- 27	50.9	9.6	∧ ✓
151	-27°	3459	6	52.6	- 27	46.2	9.7	∧ ✓
152	-28°	3640	6	52.5	- 28	0.4	9.6	∧ ✓
153	-27°	3473	6	53.5	- 27	26.1	9.6	∧ ✓
154	-27°	3472	6	53.5	- 27	8.1	9.1	∧ ✓
155	-26°	3680	6	54.2	- 26	58.1	9.1	∧ ✓
156	-26°	3683	6	54.7	- 26	4.6 / 58.8	8.9 / 9.2	∧ ✓
157	-26°	3689	6	54.7	- 26	25.5 / 30.0	18.8 / 19.0	∧ ✓
158	-26°	3692	6	54.8	- 26	30.0 / 34.5	19.0 / 19.4	∧ ✓
159	-26°	3692	6	54.5	- 26	37.2	8.8	∧ ✓
160	-26°	3698	6	54.9	- 26	17.0	8.8	∧ ✓
161	-26°	3709	6	55.5	- 26	49.1	9.6	∧ ✓
162	-26°	3711	6	55.7	- 26	22.0	9.6	∧ ✓

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Friday, April 4, 1913.
B 2433 short disp.

No.	Int.	Class	Remarks
163	3	A2	
164	3	Ao	
165	4	Ao	
166	6	B3q	
167	5	B3q	
168	3	Ao	
169	7	B3q	
170	6	B3q	
171	9	Ao	
172	1	B5	
173	2	Ao	
174	1	F8	
175	1	G5	
176	1	Ao	
177	3	Ao	
178	2	Ao	
179	1	K	
180	1	Ao	
181	3	F5	
182	1	F0	Partly superposed on 181.
183	2	A3	
184	1	G	
185	1	G2	
186	5	Ao	
187	7	B3	
188	2	Ao	
189	1	Ao	

163	-26°	3713	6	55.8	-26	21.0	9.3
164	-26°	3722	6	56.2	-26	29.0	9.3
165	-26°	3727	6	56.3	-26	22.5	9.0
166	-26°	3730	6	56.5	-26	14.0	9.0
167	-26°	3741	6	56.9	-26	6.1	9.0
168	-26°	3738	6	56.8	-26	18.0	9.6
169	-26°	3742	6	56.9	-26	19.2	8.3
170	-26°	3745	6	57.0	-26	23.5	9.1
171	-26°	3743	6	56.9	-26	31.0	7.6
172	-26°	3740	6	56.8	-26	44.6	8.7
173	-27°	3735	6	56.4	-27	15.1	9.6
174	-27°	3573	6	56.7	-27	25.5	9.1
175	-27°	3523	6	55.9	-27	23.6	9.6
176	-27°	3515	6	55.6	-27	26.1	9.7
177	-27°	3512	6	55.5	-27	39.1	9.4
178	-27°	3516	6	55.6	-27	53.3	10
179	-28°	3710	6	55.7	-28	1.8	9.6
180	-27°	3527	6	56.1	-27	58.3	9.9
181	-27°	3542	6	56.6	-27	52.3	9.4
182	-27°	3541	6	56.6	-27	57.8	9.7
183	-28°	3751	6	57.6	-28	5.3	9.5
184	-28°	3762	6	58.0	-28	18.5	9.6
185	-28°	3766	6	58.1	-28	17.8	9.4
186	-28°	3764	6	58.0	-28	26.5	9.0
187	-28°	3779	6	58.6	-28	39.0	8.8
188	-28°	3789	6	59.0	-28	18.5	9.4
189	-28°	3791	6	59.2	-28	9.8	9.7

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Hor.	Int.	Class	Remarks
190	3	Ao	
191	1	Ao	
192	1	A	
193	3	B9	
194	4	B9	
195	1	A2	
196	3	Ao	
197	5	B9	
198	1	A	
199	6	A2	
200	1	Ao	
201	3	Ao	
202	4	A2	
202a	8	B8	
203	2	A	another star superposed ?
204	3	A3	
205	2	Ao	
206	2	Ao	
207	4	A5	
208	7	Ao	
209	3	A0	
210	4	A0	
211	1	A0	
212	3	Ao	
213	5	B8	
214	4	B9	
215	2	Ao	
216	3	Ao	

190	-27°	3597	6	59.5	-27	58.8	9.2
191	-27°	3584	6	58.8	-27	52.8	9.6
192	-27°	3592	6	59.2	-27	46.8	9.3
193	-27°	3555	6	57.5	-27	23.6	9.5
194	-27°	3570	6	58.1	-27	29.1	9.0
195	-27°	3561	6	57.8	-27	4.5	9.7
196	-27°	3568	6	58.1	-27	4.0	9.5
197	-27°	3569	6	58.1	-27	15.2	9.5
198	-26°	3786	6	58.5	-26	49.0	9.0
199	-26°	3784	6	58.4	-26	55.5	8.5
200	-27°	3574	6	58.3	-27	1.5	9.8
201	-27°	3572	6	58.2	-27	11.5	9.6
202	-27°	3587	6	58.8	-27	14.8	9.5
202a	-27°	3584	6	59.0	-27	19.9	8.6
203	-27°	3579	6	58.5	-27	28.6	9.9
204	-27°	3595	6	59.4	-27	21.0	9.4
205	-27°	3591	6	59.2	-27	8.9	9.5
	-27°	3596	6°	59.4	-27	0.6	9.7
206	-26°	3814	6	59.6	-26	59.0	9.8
207	-26°	3798	6	58.8	-26	54.0	9.3
208	-26°	3800	6	58.9	-26	49.5	8.5
209	-26°	3807	6	59.2	-26	44.6	9.1
210	-26°	3799	6	58.9	-26	34.6	8.4
211	-26°	3797	6	58.8	-26	27.0	8.7
212	-26°	3788	6	58.6	-26	32.0	9.4
213	-26°	3755	6	57.4	-26	33.9	9.2
214	-26°	3752	6	57.3	-26	20.5	9.1
215	-26°	3763	6	57.5	-26	27.5	9.7
216	-26°	3766	6	57.6	-26	28.0	9.4

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Friday, April 4, 1913.

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No.	Int.	Class	Remark
217	5	Ao	
218	2	Ao	
219	7	B8	
220	6	Ao	
221	5	Ao	
222	9	B5	
223	4	F0	
224	1	g0	
225	1	A	
226	1	A	
227	2	Ao	
228	2	K0	
229	2	Ao	
230	6	B9	
231	5	A5	
232	2	F5	
233	5	B9	
234	10	A	
235	4	g0	
235a	5	35	the following of a group.
236	2	Ao	
237	2	Ao	
238	5	g0	
239	4	K0	
240	3	K0	
241	5	Ao	
242	2	F5	
243	2	K0	

217	-26°	3762	6	57.5	-26	9.5	9.0 1 v
218	-26°	3765	6	57.6	-26	6.6	9.6 1 v
219	-26°	3770	6	57.7	-26	3.6	9.0 ∧ v
220	-28	3765	6	58.2	-28	41.3	9.0 ∧ v
221	-28	3972	6	58.4	-28	34.4	8.9 ∧ v
222	-28	3976	6	58.7	-28	28.5	8.1 1 v
223	-28	3969	6	58.3	-28	56.3	9.0 ∧ J
224	-26°	3774	6	58.0	-26	18.5	9.0 1 J
225	-26°	3779	6	58.2	-26	25.0	9.1 ∧ J
226	-26°	3781	6	58.3	-26	22.5	9.9 1 v
227	-26°	3796	6	58.7	-26	3.6	9.6 1 v
228	-28	3983	6	58.9	-28	56.3	9.6 1 J
229	-26°	3803	6	59.1	-26	7.0	9.5 1 v
230	-26°	3820	6	59.8	-26	25.5	8.6 1 v
231	-26°	3826	7	0.0	-26	28.5	8.7 1 J
232	-26°	3823	7	0.0	-26	37.8	9.6 1 J
233	-26°	3817	6	59.7	-26	58.0	9.0 1 v
234	-26°	3824	7	0.0	-26	55.7	8.0 1 v
235	-27°	3600	6	59.7	-27	19.3	9.9 1 J
235a	-27°	3607	6	59.9	-27	15.3	8.6 1 J
236	-27°	3602	6	59.8	-27	34.3	9.1 ∧ J
237	-27°	3615	7	0.4	-27	31.8	9.5 1 J
238	-28°	3796	6	59.5	-28	42.6	9.3 1 J
239	-28°	3793	6	59.3	-28	55.1	8.4 1 v
240	-28°	3782	6	58.7	-28	49.8	8.5 ∧ v
241	-29°	3840	6	58.9	-29	12.6	8.5 ∧ J
242	-26°	3467	6	45.6	-26	58.7	9.5 1 J
		3476	6	46.1	-26	54.6	9.1
243	-26°	3478	6	45.6	-26	42.4	9.5 J

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Friday, April 4, 1913.

T3 24433 slant disp.

No.	Int.	Class	Remark
244	6	F5	
245	1	F8	
246	2	K0	
247	2	G5	
248	2	F5	
249	2	A0	
250	1	K0	
251	2	G5	
251a	1	K0	
252	1	A0	
253	1	G5	
254	2	F0	
255	1	A0	
256	2	A0	
257	1	F5	
258	2	A5	
259	4	G0	
260	2	K5	
261	4	K5	
262	3	G0	
263	3	A3	
264	2	A0	
265	1	K5	
266	3	A2	
267	2	A5	
268	1	G5	
269	2	A2	
270	3	F8	

244	-26°	3493	6	46.8	- 26	45.1	8.5 ∧ (
245	-26°	~~3482~~ 3476	6	~~46.4~~ 46.1	- 26	~~56.7~~ 54.6	~~9.5~~ 9.1 ,
246	-27°	3333 ~~3496~~	6	46.7	- 27	1.22 ~~54.6~~	9.0 ∧ ∨
247	-26°	3505	6	47.2	- 26	46.8	9.2 ∧ ∨
248	-25°	3518 ~~3459~~	6	47.6 ~~53.1~~	- 25	~~52.6~~ ~~44.8~~	~~9.6~~ ~~9.4~~ ∧ ∫
249	-26°	3525	6	47.8	- 26	51.6	10 ∧ ∫
250	~~-25°~~	~~3843~~	6	52.7	- 25	10.4	9.7
251	-27°	3353	6	47.7	- 27	24.9	9.7 ∧ ∫
251	-37°	3341	6	48.0	- 27	21.2	9.6 ∧ ∫
252	~~-27°~~	~~3334~~	6	48.0 ~~52.2~~	- ~~27~~	22.5 ~~9~~	~~9.8~~ 9.7 ∧ ∫
253	-27°	3380	6	48.8	- 27	15.8	9.5 ∧ ∫
254	-26°	3563	6	49.8	- 26	54.6	9.4 ∧ ∫
255	-26°	3561	6	49.6	- 26	37.2	9.8 ∧ ∫
256	-26°	3562	6	49.7	- 26	22.6	9.6 ∧ (
257	-26°	3585	6	50.6	- 26	27.0	9.0 ∧ ∫
258	-26°	3596	6	51.0	- 26	28.5	9.6 ∧ ∨
259	-26°	3604	6	51.2	- 26	30.0	9.2 ∧ ∫
260	-26°	3600	6	51.1	- 26	41.4	8.4 ∧ (
261	-26°	3623	6	51.9	- 26	33.2	8.5 ∧ ∨
262	-26°	3628	6	52.1	- 26	50.1	9.0 ∧ ∫
263	-26°	3638	6	52.5	- 26	51.1	9.5 ∧ ∫
264	-27°	3458	6	52.6	- 27	12.8	9.8 ∧ ∫
265	-26°	3652	6	53.3	- 26	38.8	9.3 ∧ ∫
266	-26°	3656	6	53.5	- 26	43.7	9.2 ∧ ∫
267	-26°	3663	6	53.7	- 26	3.7	9.3 ∧ ∫
268	-26°	3649	6	53.2	- 26	1.9	9.3 ∧ (
269	-26°	3627	6	52.1	- 26	10.5	9.4 ∧ ∫
270	-25°	3818	6	51.5	- 25	59.4	9.0 ∧ ∫

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Friday, April 4, 1913.
B 24433 short disp.

No.	Int.	Class	Remark
271	1	Ly5	
272	2	F8	
273	4	A0	
274	4	B9	
275	4	A0	
276	2	A5	
277	2	A0	
278	1	K0	
279	1	K0	
280	5	A0	
281	3	K0	
282	4	A0	Anděhun star superposed at 4 points.
283	3	A0	
284	3	K0	
285	2	Ly5	
286	1	F8	
287	3	A0	
288	2	A0	
289	1	K2	
290	1	K2	
291	1	Ly0	
292	1	F8	
293	1	Ly5	
294	1	Ly5	
295	3	A0	
296	1	Ly5	
297	2	A0	

271	−25°	3810	6	51.2	−25	53.4	9.4 ∧ ∨
272	−25°	3806	6	50.9	−25	42.4	9.4 ∧ ∫
273	−25°	3808	6	51.1	−25	23.7	9.1 ∧ ∨
274	−25°	3801	6	50.6	−25	2.4	9.0 ∧ ∫
275	−25°	3798	6	50.5	−25	1.8	9.1 ∧ ∨
276	−25°	3797	6	50.4	−25	56.4	9.6 ∧ ∫
277	−25°	3794	6	50.3	−25	55.9	9.6 ∧ ∫
278	−25°	3787	6	49.8	−25	42.4	9.1 ∧ ∨
279	−25°	3785	6	49.8	−25	37.9	9.5 ∧ ∨
280	−25°	3773	6	49.2	−25	2.9	9.9 ∧ ∫
281	−25°	3765	6	48.9	−25	22.7	9.0 ∧ ∫
282	−25°	3760	6	48.9	−25	15.9	8.7 ∧ ∫ −25° 3761 magn. 9.1
283	−25°	3756	6	48.6	−25	24.1	9.3 ∧ ∫
284	−25°	3739	6	48.1	−25	23.7	9.9 ∧ ∫
285	−25°	3741	6	48.1	−25	31.0	9.3 ∧ ∨
286	−25°	3748	6	48.4	−25	59.4	9.5 ∧ ∨
287	−26°	3527	6	47.9	−26	8.0	9.6 ∧ ∫
288	−26°	3519	6	47.7	−26	15.6	9.2 ∧ ∨
289	−26°	3508	6	47.3	−26	18.1	9.0 ∧ ∫
290	−26°	3481	6	46.4	−26	2.0	9.3 ∧ ∫
291	−25°	3727	6	47.6	−25	7.4	9.1 ∧ ∫
292	−24°	4525	6	46.7	−24	57.8	9.5 ∧ ∨
293	−24°	4520	6	46.4	−24	55.4	9.1 ∧ ∫
294	−24°	4527	6	46.8	−24	37.6	9.1 ∧ ∫
295	−24°	4511	6	45.9	−24	38.1	9.3 ∧ ∨
296	−25°	3713	6	46.8	−25	17.4	9.5 ∧ ∫
297	−25°	3709	6	46.8	−25	19.7	10 ∧ ∨

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Friday, April 4, 1913.
B2433 short disp.

No.	Int.	Class	Remark
298	1	Ko	Nearly all superposed on 297.
299	2	A2	
300	2	K5	
301	2	A2	
302	5	A0	
303	5	K0	
304	2	A0	
305	3	A0	
306	5	A5	
307	3	F8	
308	4	F2	
309	3	A0	
310	10	A0	
311	3	A5	
312	3	K5	
313	2	F2	
314	3	K5	
315	10+	A0	Sp. -23° 4436 seen on prec. edge, also class A.
316	10	A2	
317	2	K0	
318	2	K5	
319	2	K0	
320	2	K5	
321	2	F0	
322	3	F8	
323	2	K2	
324	8	A0	

298	-25°	3708	6	46.7	-25	17.9	9.5	1 J
299	-25°	3757	6	48.7	-25	1.2	9.4	1 J
300	-24°	4539	6	47.4	-24	18.4	9.1	1 J
		4546	6	47.6	-24	10.4	7.6	
301	-24°	4547	6	47.9	-24	15.4	9.1	J
302	-23°	4509	6	47.3	-23	58.4	9.1	1 J
303	-23°	4512	6	47.4	-23	28.9	9.0	1 J
304	-23°	4546	6	48.6	-23	40.9	9.9	1 J
305	-23°	4543	6	48.5	-23	44.9	9.7	1 J
306	-23°	4533	6	48.1	-23	36.6	9.5	1 J
307	-23°	4528	6	47.8	-23	49.3	9.8	1 J
308	-23°	4528	6	47.7	-23	44.3 36.6	9.5	1 J
309	-23°	4535	6	47.8	-23	51.9	9.3	1 J
310	-23°	4485	6	46.5	-23	40.1	8.0	1 J
311	-23°	4480	6	46.3	-23	24.9	9.2	1 J
312	-23°	4478	6	46.2	-23	29.6	8.5	1 J
313	-23°	4474	6	46.1	-23	42.9	9.5	1 J
314	-23°	4460	6	45.3	-23	30.9	8.6	1 J
315	-23°	4438	6	44.5	-23	55.9	6.6	J
C.P.D.								C.P.D.-24° 1686 in C.D.M.
317	-24°	1686	6	44.4	-24	0.2	7.8	-23° 4435 Superposed mags. 8.9
318	-24°	4442	6	42.6	-24	36.1	8.8	1 J
319	-24°	4423	6	41.5	-24	36.1	9.0	1 J
320	-25°	3610	6	41.5	-25	4.9	9.5	1 J
321	-25°	3595	6	41.0	-25	7.9	8.7	1 J
322	-24°	3593 4436	6	40.9 40.8	-24	3.9 40.1	9.0	1 J
323	-24°	4406	6	40.4	-24	46.1	9.0	1 J
324	-24°	4393	6	40.0	-24	28.6	9.0	1 J
		4409	6	40.4	-24	3.4	8.5	1 J

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Friday, April 4, 1913.
B2433 short exp.

No.	Int.	Class	Remark
325	1	A	
326	3	Ig	The preceding of two.
327	3	K2	
328	5	A3	
329	2	Ao	
330	1	Ip	
331	6	F5	
332	4	A	Another star of same class superposed.
333	7	A8	
334	3	Fo	
335	1	Ao	
336	6	B9	
337	5	B9	
338	10+	B3	Ruined out.
339	3	B9	
340	1	A2	
341	3	Ao	
342	1	Ig5	
343	1	K0	
344	2	A2	
345	5	Ao	
346	2	K2	
347	3	A3	
348	1	Fo	
349	2	K5	
350	1	Ao	
351	2	A2	

April 7, 1913. 11.05. 10.05.

325	-28°	4389	6	42.8	-23	55.4	9.5	∧ This star is nearly northern image of -23°4376 6e chart-plate. * C.P.R. catalogue. Slight error in dec. of pair on both plates in C.P.R. Cat.
326	-24°	4441	6	42.6	-24	10.4	9.0	∧
327	-23°	4376	6	42.5	-23	54.9	8.5	∧ See note above.
328	-23°	4375	6	42.4	-23	43.0	9.1	∧
329	-25°	3949	6	57.4	-25	49.8	9.6	∧
330	-25°	3942	6	57.0	-25	39.3	9.7	∧
331	-25°	3941	6	56.9	-25	32.1	8.3	∧
332	-25°	3933	6	56.7	-25	23.4	9.5	∧ magn. 9.5 -25° 3931 superposed
333	-25°	3927	6	56.5	-25	27.0	8.5	∧
334	-25°	3923	6	56.4	-25	22.3	8.6	∧
335	-25°	3920	6	56.2	-25	24.0	9.7	∧
336	-25°	3932	6	56.7	-25	2.0	8.6	∧
337	-25°	3919	6	56.2	-25	2.0	9.1	∧
338	-25°	3911	6	56.0	-25	2.7	6.0	∧
339	-25°	3903	6	55.6	-25	5.9	9.0	∧
340	-24°	4711	6	55.1	-24	53.8	9.6	∧
341	-24°	4705	6	54.8	-24	52.5	9.6	∧
342	-25°	3886	6	54.6	-25	31.5	9.2	∧
343	-25°	3880	6	54.2	-25	12.4	9.0	∧
344	-24°	4683	6	53.9	-24	30.8	9.4	∧
345	-24°	4685	6	54.0	-24	41.7	9.5	∧
346	-24°	4681	6	53.9	-24	46.2	8.9	∧
347	-24°	4679	6	53.7	-24	45.7	9.4	∧
348	-25°	3857	6	53.1	-25	14.8	9.6	∧
349	-25°	3855	6	53.1	-25	28.5	8.8	∧
350	-25°	3843	6	52.7	-25	10.4	9.7	∧
351	-25°	3834	6	52.2	-25	15.9	9.5	∧

* This star should follow -25° 3943 6 86 597-20 33.4 magn. 9.0 slight error in R.A. in C.P.R. catalogue - C.P.R. catalogue is right

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Monday, April 7. 1913
B 24433 slant disp.

Tur.	Int.	Class	Remark
352	2	B3	
353	1	A0	
354	3	F8	
355	1	A0	
356	4	A0	
357	5	ly	Two other stars superposed.
358	5	A0	
359	5	B8	
360	2	F2	
361	2	G0	
362	3	F0	
363	2	B9	
364	3	F2	
365	4	B9	
366	6	B8	
367	6	B5	
368	4	B8	
369	3	B8	
370	2	A2	
371	2	A5	
372	2	B9	
373	2	F0	
374	2	A0	
375	5	A0	
376	3	B9	
377	2	A0	The following of Two.
378	3	A0	

		3828	6	52.1	− 25	20.9	9.7	
		3834	6	52.2	− 25	22.4	7	
352	− 25°					16.9	9.9	
353	− 25°	3833	6	52.2	− 25	35.4	9.1	
354	− 25°	3811	6	51.3	− 25	5.9	9.0	
355	− 25°	3814	6	51.5	− 25	1.5	9.1	
356	− 24°	4662	6	52.5	− 24	30.6	9.4	
357	− 24°	4640	6	52.0	− 24	17.3	8.7	−24° 46 88 41 Superposed. Magn. 9.3 9.5
358	− 24°	4601	6	50.4	− 24	13.8	8.9	
359	− 24°	4598	6	50.2	− 24	12.3	9.3	
360	− 24°	4593	6	49.9	− 24	16.0	9.3	
361	− 24°	4594	6	49.9	− 24	22.3	9.4	
362	− 24°	4582	6	49.6	− 24	26.3	9.5	
363	− 24°	4595	6	49.9	− 24	1.3	9.6	
364	− 24°	4588	6	49.8	− 24	5.3	9.2	
G.P.D. 365	− 24°	1753	6	49.6	− 24	0.6	8.7	Notes b. Dm.
366	− 24°	4578	6	49.5	− 24	5.8	8.5	
367	− 24°	4579	6	49.6	− 24	9.8	8.6	
368	− 23°	4585	6	50.1	− 23	22.2	9.4	
369	− 23°	4575	6	49.7	− 23	27.2	9.6	
370	− 23°	4571	6	49.6	− 23	24.9	9.4	
371	− 24°	4687	6	54.1	− 24	8.3	9.2	
372	− 24°	4675	6	53.6	− 24	20.7	9.6	
373	− 24°	4670	6	53.5	− 24	3.8	9.5	
374	− 23°	4674	6	53.3	− 23	55.3	9.3	
375	− 24°	4663	6	53.1	− 24	8.8	8.6	
376	− 23°	4658	6	52.7	− 23	42.9	9.4	
377	− 23°	4642	6	52.2	− 23	50.5	9.2	
378	− 23°	4648	6	52.5	− 23	28.9	9.8	

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Monday, April 7. 1913.
B2443 3 short disp.

No.	Frst.	Class	Remark
379	3	Mc	
380	1	g5	
381	1	A	
382	2	A2	
383	2	Ao	
384	2	Ao	
385	4	K0	
386	6	A2	
387	3	F8	
388	2	A2	
389	2	K0	
390	2	g	E.
391	2	A	
392	4	K0	
393	6	K0	
394	2	K0	
395	3	A	Another star partly superposed.
396	3	K0	
397	3	F0	
398	3	A2	
399	6	F0	
400	2	g0	
401	5	g0	
402	3	A5	
403	6	Ma	
404	2	K0	
405	4	g0	

379	−23°	4628	6	51.6	−23	48.5	9.4	∧J
380	−23°	4615	6	51.1	−23	48.9	9.7	∧J
381	−23°	4607	6	51.0	−23	50.5	9.7	∧J
382	−23°	4602	6	50.7	−23	52.4	9.5	∧J
383	−23°	4597	6	50.6	−23	49.2	9.4	∧J
384	−24°	4613	6	50.8	−24	1.0	10	∧✓
385	−22°	1603	6	49.9	−22	49.6	8.9	∧J
386	−22°	1594	6	48.9	−22	45.7	8.4	∧J
387	−22°	1592	6	48.7	−22	36.0	9.0	∧J
388	−22°	1587	6	48.2	−22	36.9	9.5	∧J
389	−22°	1570	6	46.0	−22	31.7	9.0	∧J
390	−22°	1565	6	45.4	−22	55.8	9.4	∧J
391	−22°	1528	6	39.9	−22	54.9	9.1	∧J
392	−23°	4314	6	40.7	−23	20.1	9.3	∧J
393	−23°	4328	6	40.3	−23	26.7	8.7	∧J
394	−23°	4304	6	39.2	−23	5.2	8.9	∧J
395	−23°	4311	6	39.4	−23	57.0	9.0	∧J
396	−24°	4344	6	37.2	−24	6.9	8.7	∧J
397	−24°	4358	6	38.2	−24	26.7	9.3	∧J
398	−24°	4354	6	38.0	−24	47.4	9.3	∧J
399	−25°	3520	6	37.7	−25	31.0	9.0	∧J
400	−24°	4367	6	38.6	−24	53.4	9.3	∧J
401	−25°	3528	6	38.1	−25	44.0	8.8	∧J
402	−25°	3524	6	38.0	−25	46.0	9.4	∧J
403	−26°	3319	6	38.1	−26	0.3	8.0	∧J
404	−26°	3313	6	37.8	−26	0.3	8.8	∧J
405	−25°	3516	6	37.4	−25	42.6	9.0	∧J

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Monday, April 7, 1913.
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No.	Int.	Class	Remark
406	8	Ao	
407	3	Fo	
408	2	Ao	
409	7	Ao	
410	5	Ao	
411	2	Go	
412	6	F8	
413	2	A5	
414	4	Ao	
415	4	Ko	
416	1	Ma	
417	4	Go	
418	3	A5	
419	4	Ko	
420	3	A2	
421	5	Ko	
422	2	G5	
423	3	G5	
424	2	Go	
425	2	G5	
426	2	K0	
427	2	F2	
428	2	F5	
429	3	K0	
430	2	K0	
431	2	K2	
432	1	K5	E,

406	−25°	3514	6	37.4	−25	33.6	8.0 ∧J
407	−25°	3511	6	37.2	−25	52.1	9.0 ∧J
408	−25°	3500	6	36.7	−25	49.6	9.4 ∧J
409	−25°	3479	6	36.0	−25	47.6	8.2 ∧J
410	−26°	3276	6	36.1	−26	2.1	8.9 ∧J
411	−26°	3266	6	35.7	−26	2.4	9.3 ∧J
412	−26°	3260	6	35.4	−26	11.3	8.2 ∧J
413	−26°	3255	6	35.2	−26	1.4	9.2 ∧J
414	−26°	3245	6	34.8	−26	4.9	9.1 ∧J
415	−26°	3237	6	34.4	−26	18.1	8.4 ∧J
416	−26°	3230	6	34.2	−26	15.6	9.3 ∧J
417	−25°	3450	6	34.1	−25	52.6	8.8 ∧J
418	−26°	3219	6	33.7	−26	14.1	9.0 ∧J
419	−26°	3210	6	33.2	−26	0.4	8.5 ∧J
420	−25°	3443	6	33.5	−25	47.1	9.0 ∧J
421	−25°	3415	6	32.0	−25	54.6	7.9 ∧J
422	−25°	3428	6	32.8	−25	40.6	9.1 ∧V
423	−26°	3199	6	32.7	−26	9.7	8.9 ∧J
424	−25°	3469	6	35.1	−25	22.7	8.9 ∧J
425	−25°	3467	6	35.1	−25	31.0	8.7 ∧J
426	−25°	3487	6	36.2	−25	7.4	8.8 ∧J
427	−25°	3506	6	36.8	−25	0.5	9.5 ∧J
428	−24°	4320	6	36.0	−24	25.4	9.1 ∧V
429	−24°	4292	6	34.6	−24	46.1	8.8 ∧J
430	−24°	4291	6	34.5	−24	41.1	8.9 ∧V
431	−24°	4274	6	34.0	−24 5	48.4	8.6 ∧J
432	−24° 5	3364	6	29.3	−28 5	26.4	8.8 ∧J

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No.	Int.	Class	Remark
433	4	Ae	
434	5	Fo	
435	2	Ko	
436	3	Fo	
437	3	Fe	
438	2	Ko	
439	2	Ko	
440	3	Ko	
10.38 441	6	Ge	
11.35 442	5	Fo	
443	2	Fe	
444	3	Ao	
445	2	Ko	E.
446	3	Fe	
447	2	Ke	
448	2	Mut	
449	2	Ko	
450	2	K2	E.
451	2	A3	
452	2	Ge	
453	2	Ao	
454	1	Ko	
455	2	Ko	
456	1	A	
457	2	Ko	
458	2	Ko	
459	3	Fo	

438	-25°	3368	6	29.3	-25	44.2	9.2	∧ ∨
484	-25°	3389	6	30.4	-25	45.21	9.1	∧ ∨
485	-26°	3168	6	31.0	-26	22.3	9.1	∧ ∪
486	-26°	3180	6	31.5	-26	29.9	9.0	∧ ∪
487	-26°	3186	6	31.9	-26	56.1	8.5	∧ ∪
488	-26°	3162	6	30.5	-26	45.9	8.8	∧ ∪
489	-26°	3135	6	29.1	-26	44.7	8.7	∧ ∪
440	-27°	3104	6	29.3	-27	14.0	8.5	∧ ∪
441	-27°	3124	6	31.2	-27	30.7	8.0	∧ ∨
442	-27°	3111	6	30.0	-27	11.0	8.8	∧ ∪
443	-27°	3109	6	29.9	-27	2.9	9.4	∧ ∨
444	-27°	3113	6	30.2	-27	39.7	9.5	∧ ∨
445	-27°	3082	6	28.0	-27	50.0	8.7	∧ ∨
446	-28°	3133	6	28.8	-28	48.0	8.3	∧ ∪
447	-28°	3218	6	28.8	-28	10.2	8.4	∧ ∨
448	-29°	3217	6	28.7	-29	31.2	8.3	∧ ∪
449	-29°	3197	6	27.8	-28	30.2	8.4	∧ ∨
450	-29°	3195	6	27.6	-29	34.2	8.3	∧ ∪
451	-28°	3211	6	32.7	-28	51.9	9.2	∧ ∪
452	-29°	3275	6	32.3	-29	10.2	8.9	∧ ∨
453	-29°	3269	6	31.8	-29	5.7	9.1	∧ ∨
454	-29°	~~3261~~ 3265	6	~~31.4~~ 31.6	~~-29~~ -29	~~11.7~~ 16.2	~~10.0~~ 9.4	∨
455	-29°	3257	6	31.3	-29	17.3	8.8	∧ ∨
456	-29°	3262	6	31.5	-29	51.5	9.3	∧ ∨
457	-29°	3254	6	31.1	-29	58.1	8.6	∧ ∪
458	-29°	3340	6	35.7	-29	37.6	8.7	∧ ∪
459	-29°	3331	6	35.2	-29	38.6	8.8	∧ ∪

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Tuesday. April 7, 1913.
B24483 short disp.

No.	Dut.	Class	Remark
460	2	7	
461	2	ly	Omit. Can not separate.
462	4	Ao	
463	2	Ao	
464	2	ly0	
465	2	J5	
466	3	78	
467	2	A2	
468	1	J2	
469	1	J5	
470	3	78	
471	2	Ao	
472	1	J5	
473	4	A3	
474	3	78	
475	3	A5	
476	2	J0	
477	2	78	
478	3	J5	
479	2	J0	
480	1	J0	
481	1	J2	
482	1	A	
483	3	ly0	
484	2	78	
485	1	ly5	
486	1	ly5	

460	-30°	3388	6	35.0	-30	2.1	9.0	∧ ∨
461	-30°	3385	6	34.7	-30	34.3	9.4	∨
462	-30°	3375	6	34.0	-30	23.2	9.0	∧ ∨
463	-30°	3363	6	33.4	-30	23.3	9.0	∧ ∨
464	-30°	3415	6	36.4	-30	24.0	9.0	∧ ∨
465	-30°	3408	6	36.2	-30	26.2	8.5	∧ ∨
466	-29°	3373	6	37.4	-29	56.3	8.5	∧ ∨
467	-29°	3381	6	38.1	-29	34.1	9.1	∧ ∨
468	-28°	3372	6	37.4	-28	27.0	8.9	∧ ∨
469	-28°	3339	6	38.5	-28	55.2	9.1	∧ ∨
470	-29°	3390	6	38.3	-29	0.1	8.8	∧ ∨
471	-28°	3326	6	38.0	-28	28.1	9.2	∧ ∨
472	-28°	3314	6	37.6	-28	27.5	9.0	∧ ∨
473	-28°	3285	6	36.2	-28	57.2	8.8	∧ ∨
474	-29°	3328	6	35.0	-29	5.5	9.1	∧ ∨
475	-28°	3255	6	34.9	-28	33.5	9.0	∧ ∨
476	-28°	3279	6	35.7	-28	32.0	9.0	∧ ∨
477	-27°	3191	6	35.6	-27	57.2	9.7	∧ ∨
478	-27°	3179	6	35.1	-27	40.2	8.5	∧ ∨
479	-27°	3192	6	35.6	-27	15.3	9.3	∧ ∨
480	-27°	3189	6	35.5	-27	15.3	9.5	∧ ∨
481	-27°	3185	6	35.4	-27	9.6	9.8	∧ ∨
482	-26°	3249	6	35.0	-26	52.6	9.6	∧ ∨
483	-26°	3253	6	35.1	-26	38.1	9.1	∧ ∨
484	-26°	3278	6	36.2	-26	49.6	9.5	∧ ∨
485	-26°	3282	6	36.3	-26	52.6	9.0	∧ ∨
486	-26°	3289	6	36.7	-26	49.6	10.0	
		3293	6	36.9	-26	44.4	9.4	∨

Image 35
OR -30° 3384 6 34.7 -30 35.8
one of these stars with the other superposed.

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Monday, April 7, 1913.
B 24433 short disp.

No.	Int.	Class	Remark
487	3	As	
488	1	ks	
489	1	Ko	
490	1	ko	
491	2	ko	
492	2	ko	
493	1	Ko	
494	1	ks	
495	1	Ko	
496	2	ko	
497	2	A2	
498	1	ks	
499	2	Fs	
500	2	F8	
501	2	Fs	
502	2	ks	
503	2	Ko	
504	2	Fo	
505	2	A2	
506	1	A2	
507	3	A2	
508	2	Ko	The preceding of two.
509	1	ks	
510	2	Ko	
511	2	As	
512	2	Ko	
513	2	A	

487	-27°	3212	6	37.0	-27	6.8	9.4 ∧∨
488	-26°	3303	6	37.3	-26	50.6	9.2 ∧∨
489	-26°	3308	6	37.5	-26	32.4	8.8 ∧∨
490	-26°	3312	6	37.7	-26	14.1	9.3 ∧∨
491	-26°	3322	6	38.3	-26	5.8	9.5 ∧∨
492	-26°	3335	6	38.8	-26	20.5	9.2 ∧∨
493	-26°	3336	6	38.9	-26	26.2	9.6 ∧∨
494	-26°	3343	6	39.2	-26	32.6	9.2 ∧∨
495	-26°	3320	6	38.2	-26	43.7	9.4 ∧∨
496	-27°	3239	6	37.3	-27	18.2	9.4 ∧∨
497	-28°	3348	6	39.2	-28	11.0	9.6 ∧∨
498	-28°	3367	6	39.9	-28	15.6	9.2 ∧∨
499	-28°	3299	6	36.8	-28	46.9	9.3 ∧∨
500	-29°	3363	6	36.9	-29	0.9	9.0 ∧∨
501	-28°	3298	6	36.8	-28	5.4	9.5 ∧∨
502	-28°	3229	6	33.8	-28	28.2	8.9 ∧∨
503	-28°	3197	6	32.0	-28	13.6	8.6 ∧∨
504	-28°	3196	6	31.9	-28	6.8	9.7 ∧∨
505	-28°	3184	6	31.3	-28	14.8	8.9 ∧∨
506	-27°	3145	6	33.0	-27	29.2	9.7 ∧∨
507	-27°	3136	6	32.4	-27	21.7	9.3 ∧∨
508	-26°	3208	6	33.0	-26	55.1	8.7 ∧∨
509	-26°	3197	6	32.6	-26	38.5	9.2 ∧∨
510	-26°	3227	6	34.0	-26	51.5	9.0 ∧∨
511	-27°	3150	6	33.3	-27	13.9	9.3 ∧∨
512	-30°	3530	6	48.2	-30	30.8	8.5 ∧∨
513	-29°	3477	6	42.6	-29	58.3	9.0
		3468	6	48.2	-29	56.5	9.5 ∨

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Thursday, April 7, 1913.

B24433 short disp.

No.	Int.	Class	Remark
514	2	F0	
515	1	A3	
516	1	kp	11.37
517	2	K2	again 11.44
518	5	kp	
519	3	Ao	
520	4	Ao	
521	4	k5	
522	3	F0	
523	5	F2	
524	3	K0	
525	3	k5	
526	3	kp	
527	3	Ao	
528	7	Ao	
529	1	K5	
530	2	Ao	
531	1	Ao	
532	1	k5	
533	6	Ao	
534	7	F38	
535	2	F5	
536	2	A2	
537	3	K2q	
538	2	Ao	
539	3	k5	
540	2	A2	

514	-29°	3475	6	42.5	-29	39.6	9.3	1 V
515	-30°	3564	6	44.3	-30	14.8	9.0	1 V
516	-30°	3568	6	44.4	-30	19.9	8.9	1 V
517	-25°	3986	6	59.0	-25	36.8	9.2	1 V
518	-25°	3985	6	59.0	-25	29.5	9.0	1 V
519	-25°	3991	6	59.4	-25	38.7	9.3	1 V
520	-25°	4003	7	0.0	-25	36.8	9.6	1 V
521	-25°	4008	7	0.1	-25	36.7	9.0	1 V
522	-25°	4011	7	0.2	-25	46.2	9.1	1 V
523	-25°	4014	7	0.4	-25	54.2	9.0	1 V
524	-25°	4019	7	0.6	-25	51.7	8.3	1 V
525	-26°	3836	7	0.5	-26	4.1	8.7	1 V
526	-26°	3840	7	0.6	-26	4.1	8.7	1 V
527	-25°	4039	7	1.4	-25	56.7	9.2	1 V
528	-25°	4041	7	1.5	-25	48.7	9.0	1 V
529	-25°	4029	7	1.0	-25	45.7	8.8	1 V
530	-26°	3839	7	0.6	-26	28.0	9.5	1 V
531	-26°	3838	7	0.5	-26	36.0	9.6	1 V
532	-26°	3847	7	0.8	-26	31.5	9.4	1 V
533	-26°	3852	7	1.0	-26	36.6	8.7	1 V
534	-27°	3620	7	0.7	-27	6.4	8.7	1 V -27° 3619 magn. 9.8
535	-27°	3624	7	1.2	-27	40.3	8.8	1 V
536	-28°	3827	7	0.8	-28	4.8	9.3	1 V
537	-28°	3838	7	1.1	-28	7.3	9.6	1 V
538	-28°	3825	7	0.7	-28	22.0	9.1	1 V
539	-28°	3828	7	0.8	-28	17.7	8.4	1 V
540	-29°	3807	6	57.5	-29	29.5	9.0	1 V

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Wednesday, April 9, 1913.
B24433 faint wisp

	Mag	Int.	Class	Remarks
11.50	541	2	Ao	
April 10, 1913				
10.15	542	4	Kp5	
	543	2	Kp	
	544	2	A	
	545	3	Ao	
	546	2	Kp	
	547	2	K2	
	548	4	K2	
	549	2	Ao	
	550	2	A	
	551	3	A	
	552	3	A2	
10.19	553	3	Kp	

cont. 134, 76

541	−29°	3802	6	57.3	−29	43.7	9.7 ∧ ∨
542	−28°	3867	7	2.2	−28	0.3	8.6 ∧ ∨
543	−27°	3634	7	1.8	−27	12.3	8.9 ∧ ∨
544	−26°	3861	7	1.3	−26	55.6	9.5 ∧ ∨
545	−26°	3866	7	1.5	−26	26.0	9.7 ∧ ∨
546	−26°	3868	7	1.6	−26	26.0	8.7 ∧ ∨
547	−25°	4042	7	1.6	−25	34.4	8.5 ∧ ∨
548	−25°	4061	7	2.3	−25	43.2	9.0 ∧ ∨
549	−26°	3906	7	2.8	−26	43.6	9.0 ∧ ∨
550	−26°	3914	7	3.2	−26	46.0	9.5 ∧ ∨
551	−26°	3920	7	3.5	−26	45.7	9.0 ∧ ∨
552	−28°	3877	7	2.5	−28	21.0	8.3 ∧ ∨
553	−28°	3926	7	4.6	−28	47.4	8.3 ∧ ∨

Identified by A.M.C. May 19, 1913 and various other days
Checked July 23, 1913. I.A.W.
Cards made out by Miss C. W.
Cards checked by E. F. G.

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