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This book was examined for additional stars by A.M.C. Jan. 4, 1917

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Thursday, July 30, 1914

NC 5h03 C 8

	No	Mt.	Class	Remark
10:50	1	4	g_0	
	2	3	K_0	
	3	5	K_0	
	4	6	g_0	
	5	5	K_2	
	6	3	g_5	
	7	4	K_2	
	8	4	g_0	
	9	2	F_8	
	10	3	a_2	
	11	2	g_5	
	12	5	a_2	
	13	10	K_0	
	14	3	K_2	
	15	9	a_5	
	16	1	g_5	
	17	4	g_0	
	18	5	a_0	
	19	5	g_5	
	20	3	g_5	
	21	3	g_0	
	22	7	g_5	
	23	2	F_8	
	24	2	g_5	
	25	2	g_0	
	26	2	g_5	
	27	6	F_8	

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		2810	15	6.9	+12	50	9.0
1	+12°	~~5808~~	~~15~~	~~6.8~~	~~+12~~	~~38~~	~~9.3~~
2	+12°	2804	15	6.4	+12	59	9.2 ✓
3	+13°	2910	15	6.8	+13	40	8.5 ✓
4	+13°	2908	15	6.5	+13	49	8.5 ✓
5	+12°	2802	15	5.0	+12	48	8.5 ✓
6	+12°	2799	15	4.2	+12	0	9.1 ✓
7	+13°	2906	15	4.4	+13	34	8.6 ✓
8	+13°	2905	15	4.2	+13	39	9.0 ✓
9	Approx.	1855	15	4.1	+13	~~28~~ 27	✓
10	+13°	2904	15	2.5	+13	35	9.2 ✓
11	+13°	2902	15	2.3	+13	59	9.2 ✓
12	+14°	2840	14	2.2	+14	13	8.7 ✓
13	+13°	2901	15	2.0	+13	48	6.2 ✓
14	+13°	2898	15	1.6	+13	39	8.7 ✓
15	+13°	2899	15	1.9	+13	3	7.0 ✓
16	+13°	2900	15	2.0	+13	14	9.5 ✓
17	+12°	2795	15	3.2	+12	54	9.1 ✓
18	+12°	2793	15	1.4	+12	45	9.0 ✓
19	+12°	2791	15	0.8	+12	47	8.8 ✓
20	+13°	2895	15	0.2	+13	36	9.5 ✓
21	+13°	2896	15	0.5	+13	53	9.5 ✓
22	+13°	2894	14	0.2	+13	53	8.2 ✓
23	+13°	2893	14	59.9	+13	26	9.5 ✓
24	+13°	2891	14	58.7	+13	38	9.5 ✓
25	+14°	2834	14	59.4	+14	8	9.5 ✓
26	+14°	2833	14	58.7	+14	11	9.5 ✓
27	+14°	2832	14	58.5	+14	12	9.0 ✓

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Thursday, July 30, 1914

Mc 5h 4m 03

No	Mt.	Class	Remark
28	8	K_0	
29	7	g_5	
30	8	K_0	
31	8	A_2	
32	4	g_5	
33	2	g_5	
34	1	K_2	
35	3	g_0	
36	1	K_2	
37	3	g_5	
38	1	K_2	
39	7.5	K_0	
40	4	K_0	
41	2	g_5	
42	3	K_0	
43	7	F_0	
44	5	g_5	
45	5	F_0	
46	2	g_5	
47	3	K_2	
~~H.00~~	48	7	g_0
49	2	g_5	
50	3	K_0	
51	1	K_2	
52	4	g_0	
~~53~~	7	~~F_8~~	
54	8	g_0	

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28	+14°	2831	14	58.3	+14	12	8.5 ✓
29	+14°	2830	14	58.3	+14	39	9.0 ✓
30	+14°	2828	14	57.5	+14	12	8.0 ✓
31	+13°	2889	14	57.1	+13	41	8.3 ✓
32	+13°	2888	14	56.9	+13	4	8.8 ✓
33	+12°	2781	14	57.1	+12	48	9.5 ✓
34	+12°	2773	14	55.7	+12	55	9.5 ✓
35	+12°	2772	14	55.2	+12	45	9.5 ✓
36	+13°	2887	14	56.7	+13	23	9.5 ✓
37	+13°	2885	14	56.5	+13	53	9.3 ✓
38	+13°	2886	14	56.6	+13	41	9.5 ✓
39	+14°	2823	14	55.8	+14	2	8.3 ✓
40	+13°	2883	14	55.0 ~~54.9~~	+13	50 ~~45~~	8.8 ~~9.4~~ ✓
41	~~+13° Approx. 1855~~	2883	14	54.8	+13	42	9.4 ✓
42	+14°	2818	14	53.9	+14	12	9.5 ✓
43	+13°	2879	14	53.5	+13	54	8.3 ✓
44	+13°	2875	14	52.7	+13	49	8.9 ✓
45	+13°	2877	14	53.0	+13	35	9.0 ✓
46	+13°	2878	14	53.2	+13	36	9.3 ✓
47	+13°	2876	14	52.8	+13	10	9.2 ✓
48	+13°	2880	14	53.5	+13	3	8.7 ✓
49	+13°	2871	14	51.2	+13	7	9.5 ✓
50	+13°	2874	14	52.1	+13	37	9.2 ✓
51	+13°	2872	14	51.6	+13	24	9.5 ✓
52	+13°	2873	14	51.6	+13	32	9.5 ✓
53	+13°	2869	14	50.7	+13	46	9.0 ✓
54	+13°	2867	14	49.8	+13	45	7.9 ✓

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Thursday, July 30, 1914
MC 5h03

No	Fut.	Class	Remark
55	1	g_0	
56	2	g_0	
57	4	F_5	
58	3	g_5	
59	4	K_0	
60	10+	a	
61	3	K_0	
62	4	K_0	
63	9	K_0	
64	1	K	
65	3	A_2	
66	7	K_0	
67	2	g_5	
68	4	F_5	
69	1	K	
70	2	F_8	
71	9	K_2	
72	2	g_5	
73	1	g_5	
74	1	K_0	
75	1	F_8	
76	4	F_8	Another star up, on following side
77	9	g_5	
78	8	K_0	
79	2	g_5	
80	5	F_8	
81	8	F_0	

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55	+13°	2868	14	49.9	+13	52	9.4 ✓
56	+14°	2810	14	49.4	+14	1	9.5 ✓
57	+14°	2809	14	49.0	+14	15	9.0 ✓
58	+14°	2808	14	48.6	+14	24	9.3 ✓
59	+14°	2811	14	49.6	+14	50	9.0 ✓
60	+15°	2796	14	49.4	+15	2	6.2 ✓
61	+15°	2795	14	49.3	+15	6	9.1 ✓
62	+16°	2716	14	50.5	+16	~~5~~	9.1 ✓
63	+16.5°	2798	14	51.0	+15	41	7.7 ✓
64	Approx.	1855	14	51.6 (5)	+15	~~39~~ 36	✓
65	+15°	2800	14	51.7	+15	43	9.5 ✓
66	+15°	2802	14	52.2	+15	39	8.2 ✓
67	Approx.	1855	14	51.9	+15	~~39~~ 25	✓
68	+15°	2799	14	51.4	+15	3	9.0 ✓
69	Approx.	1855	14	51.6 (6)	+14	~~52~~ 5N	✓
70	+14°	2814	14	51.6	+14	58	9.5 ✓
71	+14°	2812	14	51.4	+14	36	7.0 ✓
72	Approx.	1855	14	51.6 (7)	+14	~~18~~ 21	✓
73	Approx.	1855	14	51.8	+14	15	✓
74	+14°	2816	14	53.3	+14	20	9.5 ✓
75	+14°	2817	14	53.5	+14	30	9.5 ✓
76	+14°	2815	14	53.2	+14	55	9.2 ✓
77	+15°	2804	14	53.4	+15	1	9.4 ✓
78	+15°	2803	14	53.2	+15	25	7.2 ✓
79	+15°	2805	14	54.7	+15	45	9.5 ✓
80	+15°	2806	14	55.0	+15	41	9.0 ✓
81	+15°	2808	14	55.5	+15	40	8.5 ✓

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Thursday, July 30, 1914

Vic 5403

No	Int.	Class	Remark
82	5	K0	
83	5	B2	K appears ft. comp.?
84	4	G5	
85	8	F5	
86	2	G5	
87	5	K0	
88	2	G0	
89	2	G0	
90	6	F8	
91	3	G0	
92	5	F8	
93	1	K0	
94	2	F8	
95	3	K0	
96	1	K	Partly sup. on 95
97	3	G0	
98	1	K2	
99	1	K2	
100	2	K0	
101	2	K2	
102	2	G5	
103	1	G	
104	2	K5	
105	3	F5	
106	6	F5	
107	7	K0	
108	5	G0	

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82	+15°	2807	14	55.4	+15	52	8.8 ✓
83	+15°	2810	14	56.0	+15	37	9.0 ✓
84	+15°	2811	14	56.5	+15	50	9.2 ✓
85	+16°	2728	14	56.8	+16	0	8.0 ✓
86	+15°	2812	14	57.0	+15	50	9.5 ✓
87	+15°	2814	14	57.4	+15	20	9.0 ✓
88	Approx.	1855	14	56.5	+15	17	✓
89	+15°	2809	14	55.6	+15	10	9.3 ✓
90	+14°	2824	14	56.0	+14	50	9.0 ✓
91	+14°	2826	14	55.5	+14	42	9.5 ✓
92	+14°	2821	14	55.2	+14	36	9.0 ✓
93	+14°	2822	14	55.2	+14	40	9.5 ✓
94	+14°	2825	14	56.1	+14	33	9.5 ✓
95	+14°	2827	14	56.9	+14	35	9.5 ✓
96	Approx.	1855	14	56.9	+14	37	✓
97	+15°	2816	14	58.3	+15	38	9.5 ✓
98	+15°	2813	14	57.3	+15	55	9.5 ✓
99	Approx.	1855	14	57.3	+16	~~5~~ 4	✓
100	+16°	2731	14	57.6	+16	11	9.4 ✓
101	+16°	2732	14	58.5	+16	10	9.5 ✓
102	+15°	2815	14	58.2	+15	58	9.5 ✓
103	+15°	2817	14	58.7	+15	50	9.5 ✓
104	+15°	2818	14	59.5	+15	56	9.3 ✓
105	+14°	2835	14	59.5	+14	57	9.5 ✓
106	+14°	2836	14	59.9	+14	32	9.1 ✓
107	+14°	2837	15	0.1	+14	39	8.5 ✓
108	+14°	2839	15	1.1	+14	55	9.1 ✓

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Thursday, July 30, 1914

MC 5h03

No	Fut.	Class	Remark
109	2	Ko	
110	4	Ko	
111	4	g_0	
112	2	F_8	
113	6	F_5	
114	4	g_5	
115	2	g_0	
116	2	K_2	
117	1	g	
118	7	a_5	
119	2	Ko	
120	2	g	another star sup.?
121	3	M	
122	2	g_5	
123	2	Ko	
124	1	g	
125	3	g_5	
126	3	g_0	
127	7	F_8	
128	1	g_0	
129	1	F_8	
130	5	Ko	
131	3	g_5	
132	5	g_5	
133	7	F_8	
134	7	F_0	
135	7	Ko	

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109	+14°	2838	15	1.0	+14	14	9.5	✓
110	+15°	2819	15	1.1	+15	34	9.0	✓
111	+15°	28~~19~~ 20	15	1.2	+15	~~34~~ 40	9.0 ~~5~~	✓ Error in Dec. in Dm. +30° nearer.
112	Approx.	1855	15	1.0	+15	38 ~~7~~		✓
113	+15°	2821	15	1.9	+15	27	9.0	✓
114	+15°	2823	15	2.5	+15	22	9.0	✓
115	+15°	2822	15	2.2	+15	7	9.5	✓
116	+15°	2825	15	2.6	+15	4	9.5	✓
117	+14°	2841	15	2.3	+14	54	9.5	✓
118	+14°	2843	15	4.2	+14	49	8.9	✓
119	+15°	2827	15	3.9	+15	2	9.5	✓
120	+15°	2828	15	4.1	+15	4	9.5	✓
121	+14°	2845	15	5.3	+14	54	9.2	✓
122	+14°	2844	15	4.5	+14	14	9.5	✓
123	+14°	2842	15	3.2	+14	1	9.5	✓
124	+14°	2846	15	5.4	+14	6	9.5	✓
125	+14°	2848	15	6.9	+14	28	9.1	✓
126	+14°	2849	15	7.0	+14	39	9.5	✓
127	+14°	2850	15	7.0	+14 5	0	8.3	✓
128	+14°	2847	15	6.7	+14	58	9.5	✓
129	+15°	2834	15	6.7	+15	20	9.5	✓
130	+15°	2831	15	6.2	+15	21	9.2	✓
131	+16°	2751	15	6.5	+16	0	9.5	✓
132	+15°	2833	15	6.4	+15	58	9.1	✓
133	+15°	2829	15	5.8	+15	56	8.8	✓
134	+16°	2749	15	5.2	+16	3	9.0	✓
135	+16°	2752	15	6.8	+16	28	8.5	✓

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Thursday, July 30, 1914
MC 5 03

No	Int.	Class	Remark
136	2	G_0	
137	4	G_5	
138	2	B_8	
139	5	K_2	
140	3	B_8	
141	5	B_8	
142	2	G	Partly sup. on 143
143	2	G	
144	2	G_5	
145	2	G_0	
146	4	B_8	
147	6	B_8	
148	4	B_8	
149	1	K_0	
150	3	G_0	
151	1	B_8	
152	1	G_5	
153	2	G	
154	3	G_0	
155	9	B_8	
156	7	G_5	
157	4	K_2	
158	1	G	
159	7	K_2	Partly sup. on 160
160	8	K_0	
161	4	K_0	
162	2	K_0	

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136	~~+16°~~ Approx. 1855	~~2745~~	15	~~3.4~~ 6.3	+16	~~18~~ 18	~~8.7~~	✓
137	+16°	2750	15	6.3	+16	52	9.2	✓
138	+16°	2749	15	5.2	+16	39	9.4	✓
139	+16°	2745	15	3.4	+16	10	8.7	✓
140	+16°	2741	15	2.6	+16	13	9.3	✓
141	+16°	2740	15	2.0	+16	32	9.0	✓
142	+16°	2743	15	3.3	+16	37	9.5	✓
143	+16°	2744	15	3.3	+16	44	9.5	✓
144	+16°	2742	15	2.9	+16	55	9.5	✓
145	+16°	~~2736a~~ 2738	15	~~0.7~~ 1.0	+16	48	9.5 4	✓
146	+16°	2736	14 5	0.7	+16	13	9.3	✓
147	+16°	2737	15	0.8	+16	15	8.8	✓
148	+16°	2739	15	1.1	+16	3	9.3	✓
149	Approx. 1855		15	1.4	+15	~~59~~ 58		✓
150	+15°	2826	15	3.0	+15	38	9.4	✓
151	Approx. 1855		15	3.9 8	+16	2 1		✓
152	+16°	2734	14	59.6	+16	23	9.4	✓
153	+16°	2733	14	59.6	+16	47	9.5	✓
154	+16°	2726	14	55.8	+16	21	9.2	✓
155	+16°	2725	14	55.8	+16	37	7.0	✓
156	+16°	2724	14	55.1	+16	21	8.5	✓
157	+16°	2722	14	54.7	+16	28	8.5	✓
158	+16°	2723	14	55.0	+16	30	9.2	✓
159	+16°	2720	14	54.3	+16	44	8.5	✓
160	+16°	2721	14	54.3	+16	50	8.5	✓
161	+16°	2719	14	53.8	+16	41	9.0	✓
162	+16°	2718	14	52.3	+16	12	9.5	✓

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Thursday, July 30, 1914

VRC 5/6 3

	No	Pht.	Class	Remark
	163	2	g_5	
11:22	164	1	K_5	

Monday, Oct. 19, 1914

3:55	✓ 165	2	g_5	
	✓ 166	10+	K	
	✓ 167	3	g_0	
	✓ 168	1	g	
	✓ 169	1	g	
	✓ 170	3	g_5	
	✓ 171	3	g_0	
	✓ 172	1	K_0	
	✓ 173	3	g_5	
	✓ 174	1	g_5	
	✓ 175	4	K_0	
	✓ 176	2	g_5	
	✓ 177	4	g_5	
	✓ 178	1	g_5	
	✓ 179	2	g_0	
	✓ 180	1	g	
	✓ 181	1	K_0	
4:00	✓ 182	1	g_5	
	183			

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163	+15°	2801	14	52.1	+15	1	9.5 ✓
164	approx.	1855	14	54.0	+15	~~18~~ 20	✓

Identified on Cards by M.A.H. Aug. 13, 1914
Identified in book by J.C.M. Aug. 14, 1914
Identification compared, cards & book, by G.R.B.

165	+16°	2714	14	50.0	+16	54.6	9.2 ✓
166	+16°	2715	14	50.4	+16	59.6	6.1 ✓
167	+17°	2810	17⁴	53.7	+17	8.9	9.3 ✓
168	+17°	2811	17⁴	54.2	+17	~~13~~ 17.0	9.5 ✓
169	~~approx.~~	1855 pe.	17⁴	54.6	+17	17	
170	+17°	2815	14	55.8	+17	14.7	9.5 ✓
171	+16°	2727	14	56.4	+16	57.5	9.3 ✓
172	approx.	1855	14	56.2	+16	47	
173	+17°	2820	14	58.6	+17	8.1	9.5 ✓
174	approx.	1855	14	59.5	+17	0.	✓
175	+17°	2830	15	5.2	+17	11.4	9.1 ✓
176	+17°	2832	15	6.4	+17	3.6	9.3 ✓
177	+17°	2834	15	7.1	+17	3.3	9.1 ✓
178	approx.	1855	15	4.5	+15	28	
179	+15°	2830	15	5.8	+15	35.8	9.5
180	+13°	2907	15	5.7	+13	42.5	9.5
181	+13°	2870	14	51.2	+13	44.5	9.5
182	~~approx.~~	1855	14	56.0	+16	0	✓

Ident. on cards by AHC. June 3, 1915
Ident. in Book by M.A.H. July 7, 1915

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1914phae.proj.2179C

Friday, July 31, 1914

MC 5557

C+3 7

	No	Int.	Class	Remark
10:30	1	7	K0	
	2	5	K0	
	3	2	K0	
	4	2	F5	
	5	8	K0	
	6	8	F2	
	7	4	G0	
	8	2	F5	
	9	1	G5	Partly sup. on 8
	10	8	K0	
	11	4	G5	
	12	2	G5	
	13	6	F8	
	14	9	F5	
	15	2	F8	
	16	3	G0	
	17	6	F8	
	18	9	F5	
	19	3	G5	
	20	5	K0	
	21	1	G5	
	22	7	K0	
	23	4	G5	
	24	4	F2	
	25	2	K0	
	26	2	G5	
	27	6	G5	

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1	+14°	2586	13	6.1	+14	11	7.5
2	+13°	2643	13	4.6	+13	30	8.3
3	+13°	2641	13	3.7	+13	37	8.5
4	+13°	2640	13	3.5	+13	47	9.3
5	+14°	2584	13	3.6	+14	5	7.0
6	+14°	2585	13	3.9	+14	42	7.5
7	+15°	2551	13	4.2	+15	6	8.8
8	+15°	2553	13	4.8	+15	26	9.3
9	+15°	2552	13	4.7	+15	29	9.2
10	+16°	2477	13	6.0	+16	5	7.6
11	+16°	2481	13	6.9	+16	44	8.8
12	+17°	2603	13	6.1	+17	7	9.2
13	+17°	2602	13	5.9	+17	10	8.7
14	+16°	2476	13	5.1	+16	54	7.3
15	+16°	2475	13	4.5	+16	31	9.3
16	+16°	2474	13	4.4	+16	30	9.3
17	+16°	2468	13	2.7	+16	38	8.5
18	+16°	2469	13	2.9	+16	55	7.9
19	+17°	2599	13	4.3	+17	12	9.0
20	+17°	2596	13	2.6	+17	14	8.2
21	+17°	2597	13	2.6	+17	6	9.3
22	+16°	2466	13	1.3	+16	17	7.8
23	+16°	2470	13	3.0	+16	8	8.7
24	+16°	2461	12	59.4	+16	10	9.0
25	+17°	2589	13	0.2	+17	8	9.0
26	+16°	2460	12	58.8	+16	38	9.1
27	~~+17°~~ +16°	2459	12	58.3	+16	53	8.6

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Friday, July 31, 1914
MC 5557

No	Ints.	Class	Remark
28	3	K_2	
29	1	K	
30	3	K_0	
31	6	F_8	
32	8	F_8	
33	1	H_0	
34	2	G_5	
35	4	G_8	
36	8	G_5	
37	2	F_8	
38	1	G_5	
39	2	G_5	
40	6	G_0	
41	3	G_5	
42	5	K_0	
43	5	F_8	
44	7	F_5	
45	3	G_0	
46	9	A_2	
47	1	G_5	
48	1	G_5	
49	1	G_5	
50	3	K_2	
51	1	K_0	
52	1	G_5	
53	1	K_0	
54	1	G_5	

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28	+16°	2458	12	57.7	+16	51	9.0	✓
29	Approx.	1855	12	57.8	+16	44		✓
30	+16°	2454	12	56.9	+16	54	9.0	✓
31	+15°	2542	12	58.8	+15	36	8.5	✓
32	+15°	2541	12	58.3	+15	30	7.9	✓
33	+15°	2544	12	59.4	+15	49	9.5	✓
34	+15°	2545	12	59.7	+15	4	9.1	✓
35	+14°	2579	12	59.0	+14	13	8.5	✓
36	+14°	2578	12	58.4	+14	1	7.4	✓
37	+13°	2627	12	57.8	+13	51	9.3	✓
38	+13°	2630	12	58.3	+13	36	9.3	✓
39	+13°	2629	12	57.9	+13	27	9.5	✓
40	+13°	2633	13	0.3	+13	6	8.6	✓
41	+13°	2634	13	0.3	+13	4	8.7	✓
42	+13°	2638	13	2.9	+13	6	8.7	✓
43	+13°	2642	13	4.4	+13	6	8.5	✓
44	+14°	2572	12	55.6	+14	14	8.2	✓
45	+13°	2620	12	54.5	+13	57	9.0	✓
46	+13°	2619	12	54.2	+13	57	8.0	✓
47	+13°	2622	12	55.0	+13	35	9.4	✓
48	~~+14°~~ +13°	~~2568~~ 2625	12	~~54.1~~ 55.6	~~+14~~ +13	~~18~~ 25	~~9.3~~ 9.5	✓
49	+14°	2568	12	54.1	+14	18	9.3	✓
50	+15°	2535	12	56.2	+15	34	8.8	✓
51	+15°	2539	12	57.6	+15	30	9.3	✓
52	+15°	2537	12	57.1	+15	32	9.5	✓
53	+14°	2574	12	56.0	+14	54	9.3	✓
54	+14°	2573	12	55.7	+14	58	9.5	✓

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1914phae.proj.2179C

Friday, July 31, 1914
MC 5557

No	Pmt.	Class	Remark
55	2	F8	
56	3	K0	
57	5	K0	
58	3	K0	
59	2	K0	
60	3	F2	
61	1	G5	
62	1	G	
63	3	G0	
64	3	G5	
65	6	F8	
66	1	G0	
67	5	G0	
68	7	G5	
69	1	K2	
70	2	K2	
71	6	G0	
72	3	F8	
73	3	G5	
74	4	G5	
75	2	A	
76	1	K0	
10:46 77	2	K2	
78			

Cont. on P. 110.

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1914phae.proj..2179C

55	+16°	2448	12	55.3	+16	20	9.1
56	+16°	2449	12	55.3	+16	40	8.8
57	+16°	2450	12	55.3	+16	49	8.9
58	+17°	2580	12	55.6	+17	14	9.2
59	+17°	2577	12	55.1	+17	34	9.3
60	+17°	2574	12	54.4	+17	33	9.1
61	+17°	2572	12	54.0	+17	26	9.5
62	+17°	2571	12	53.8	+17	26	9.5
63	+16°	2446	12	54.0	+16	39	9.1
64	+16°	2445	12	53.9	+16	34	8.8
65	+16°	2444	12	53.6	+16	17	8.3
66	+15°	2534	12	55.7	+15	59	9.5
67	+15°	2531	12	53.6	+15	9	8.3
68	+14°	2567	12	53.1	+14	38	7.8
69	+15°	2530	12	52.7	+15	4	9.0
70	+15°	2527	12	52.3	+15	31	8.8
71	+15°	2525	12	51.9	+15	41	8.7
72	+15°	2523	12	51.3	+15	52	9.1
73	+16°	2440	12	49.6	+16	55	9.0
74	+17°	2568	12	51.6	+17	0	9.0
75	+17°	2570	12	52.5	+17	3	9.5
76	+15°	2532	12	53.8	+15	58	9.5
77	+14°	2565	12	50.2	+14	51	9.0

Identified on cards by M.A.H. Aug. 8, 1914
Identified in book by J.C.M. Aug. 10, 1914
Cards compared, cards + book by G.R.B.

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Tuesday, Sept. 22, 1914

MC 4898 Orion Neb

	No	Int.	Class	Remark
10:10	✓ 1	6	A0	
	✓ 2	1	K5	
	✓ 3	1	K	
	✓ 4	3	A0	
	✓ 5	1	K	
	✓ 6	5	K5	
	✓ 7	4	K0	
	✓ 8	2	A2	
	✓ 9	10	B5	
	✓ 10	2	A0	
	✓ 11	3	K0	
	✓ 12	1	K	
	✓ 13	8	A2	
	✓ 14	3	A0	
	✓ 15	6	B8	
	✓ 16	4	K0	
	✓ 17	4	A2	Hβ not on plate E
	✓ 18	3	A0	
	✓ 19	4	A0	
	✓ 20	2	K5	
	✓ 21	4	A0	
	✓ 22	5	B5	
	✓ 23	6	B9	
	✓ 24	4	A0	
	✓ 25	2	A0	
	✓ 26	4	B5	
	✓ 27	3	A0	

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1914phae.proj.2179c

1	−7°	1162	5	37.6	−7	49	8.0 ✓
2	−7°	1160	5	37.3	−7	33	9.0 ✓
3	−7°	1161	5	37.4	−7	24	9.0 ✓
4	−7°	1158	5	36.6	−7	22	9.0 ✓
5	−7°	1157	5	36.5	−7	11	9.3 ✓
6	−7°	1155	5	36.0	−7	33	7.5 ✓
7	−7°	1153	5	35.7	−7	25	8.0 ✓
8	−6°	1291	5	35.6	−6	54	9.1 ✓
9	−6°	1293	5	35.9	−6	52	6.5 ✓
10	−6°	1297	5	37.0	−6	48	8.5 ✓
11	−6°	1301	5	37.3	−6	49	8.5 ✓
12	−6°	1300	5	37.3	−6	41	9.4 ✓
13	−6°	1302	5	37.5	−6	55	7.3 ✓
14	−6°	1286	5	34.4	−6	50	9.0 ✓
15	−7°	1151	5	34.4	−7	1	8.0 ✓
16	−7°	1148	5	33.5	−7	45	7.0 ✓
17	−8°	1197	5	34.1	−8	7	7.5 ✓
18	−6°	1281	5	32.9	−6	52	9.0 ✓
19	−6°	1277	5	31.9	−6	35	8.4 ✓
20	−6°	1279	5	32.1	−6	11	9.1 ✓
21	−6°	1278	5	32.0	−6	10	9.0 ✓
22	−5°	1353	5	32.0	−5	59	8.3 ✓
23	−6°	1274	5	31.5	−6	15	8.8 ✓
24	−6°	1271	5	31.2	−6	14	8.5 ✓
25	−6°	1270	5	31.1	−6	31	9.3 ✓
26	−6°	1269	5	31.0	−6	30	8.5 ✓
27	−6°	1268	5	30.9	−6	20	9.5 ✓

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1914phae.proj.2179C

Tuesday, Sept. 22, 1914
MC 4898

No	Int.	Class	Remark
✓ 28	4	A0	Partly sup. on 30
✓ 29	2	A0	
✓ 30	5	B9	
✓ 31	10	B5	
✓ 32	10	A2	
✓ 33	2	K0	
✓ 34	1	A	
✓ 35	1	A	
✓ 36	3	K0	
✓ 37	7	B9	
✓ 38	1	K5	
✓ 39	6	K0	
✓ 40	3	A0	
✓ 41	8	K0	
✓ 42	5	B9	
✓ 43	3	A0	
✓ 44	4	A0	
✓ 45	2	A0	
✓ 46	5	B9	
✓ 47	5	B9	
✓ 48	1	A0	
✓ 49	10	B5	
✓ 50	3	A2	
✓ 51	8	B3	
✓ 52	5	B5	
✓ 53	3	A0	
✓ 54	3	A0	

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1914phae.proj.2179c

28	−6°	1264	5	30.7	−6	48	9.0 ✓
29	−6°	1265	5	30.8	−6	34	9.1 ✓
30	−6°	1267	5	30.8	−6	49	8.8 ✓
31	−6°	1275	5	31.6	−6	40	6.5 ✓63
32	−7°	1142	5	31.9	−7	18	5.0 ✓26
33	−7°	1141	5	31.6	−7	29	8.5 ✓
34	−7°	1139	5	31.1	−7	50	9.0 ✓
35	−7°	1137	5	30.3	−7	17	9.3 ✓
36	−7°	1132	5	29.7	−7	11	8.5 ✓
37	−7°	1131	5	29.1	−7	30	7.0 ✓
38	−7°	1130	5	28.7	−7	30	9.0 ✓
39	−7°	1124	5	27.7	−7	18	6.8 ✓
40	−7°	1122	5	27.4	−7	30	9.0 ✓
41	−7°	1119	5	27.0	−7	8	6.8 ✓
42	~~−5~~ −6°	1227	5	27.0	~~−5~~ −6	57	8.5 ✓
43	~~−5~~ −6°	1226	5	26.8	~~−5~~ −6	44	9.0 ✓
44	−6°	1238	5	28.1	−6	40	8.5 ✓
45	−6°	1244	5	28.6	−6	51	9.2 ✓
46	−6°	1247	5	28.9	−6	22	8.5 ✓
47	−6°	1254	5	29.5	−6	33	8.3 ✓
48	−6°	1257	5	29.9	−6	15	9.0 ✓
49	−6°	1262	5	30.4	−6	2	6.7 ✓62
50	−5°	1336	5	29.4	−5	52	9.0 ✓
51	−5°	1334	5	29.1	−5	44	7.8 ✓60
52	−5°	1334°	5	~~29.1~~ 28.8	−5	43 44	~~7.8~~ 8.2 ✓59
53	−5°	1335	5	29.3	−5	30	9.0 ✓
54	−5°	1335′	5	~~29.3~~ 28.8	−5	~~30~~ 28	9.0 ✓

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1914phae.proj.2179C

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MC 4898

No	Int.	Class	Remark
✓ 55	1	F8	
✓ 56	2	A0	
✓ 57	7	B5	
✓ 58	5	B5	
59	4	B9	
✓ 60	3	B9	Partly sup. on a bright double star
✓ 61	4	A	Nearly all sup. on 62
✓ 62	2	A	Nearly all sup. on 61
✓ 63	1	A	Sup. on 64
✓ 64	1	A	Sup. on 63
✓ 65	6	B9	
✓ 66	3	B9	
✓ 67	7	B8	
✓ 68	3	A0	
✓ 69	3	A0	
✓ 70	8	B8	
✓ 71	6	B5	
✓ 72	3	A	Nearly all sup. on 71
✓ 73	8	B3	
✓ 74	8	B3	Partly sup. on 73
✓ 75	8	B3	
✓ 76	2	A0	
✓ 77	6	B5	
✓ 78	4	A0	
✓ 79	2	A0	
✓ 80	8	A2	
✓ 81	1	A	

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55	−6°	1245	5	28.7	−6	7	9.1	✓
56	−6°	1242	5	28.5	−6	11	9.0	✓
57	−6°	1240	5	28.2	−6	8	8.2	✓
58	−6°	1237	5	28.1	−6	2	8.3	✓
59	−5°	13 14	5	28.1	−5	55	9.0	✓
60	−5°	1312	5	28.0	−5	58	9.0	✓
61	−6°	1221 (3)	5	27.7	−6	6	9.0	✓
62	~~−5°~~ −6°	1222 (3)	5	27.7	~~−5~~ −6	6	~~9.0~~ 9.7	✓
63	−5°	1304 (3)	5	27.4 (5)	−5	~~49~~ 47.8	9.1 (3)	✓
64	−5°	1303 (1)	5	27.5 (4)	−5	~~48~~ 49	9.3 (1)	✓
65	−5°	1305	5	27.7	−5	40	8.3	✓
66	−5°	1308	5	27.8	−5	36	9.1	✓
67	−5°	1311	5	28.0	−5	18	8.3	✓
68	−5°	1316	5	28.2	−5	10	9.0	✓
69	−5°	1327	5	28.4	−5	12	9.0	✓
70	−5°	1325	5	28.4	−5	22	9.0	✓
71	−4°	1187	5	28.4	~~−5~~	56	8.7	✓
72	~~−4°~~ −5°	1323	5	28.4	−5	0	9.0	✓
73	−4°	1183	5	28.2	−4	36	7.0	✓56
74	−4°	1184	5	28.2	−4	31	7.0	✓
75	−4°	1186	5	28.3	−4	28	7.0	✓57
76	−4°	1180	5	28.1	−4	42	9.0	✓
77	−4°	1179	5	27.9	−4	50	8.0	✓53
78	−4°	1175	5	27.8	−4	52	9.3	✓
79	−5°	1304	5	27.6	−5	14	9.5	✓
80	−4°	1167	5	27.2	−4	55	7.5	✓47
81	−4°	1177	5	27.8	−4	38	9.5	✓

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MC 4898

No	Mt.	Class	Remark
✓ 82	3	A0	
✓ 83	6	B8	
✓ 84	7	B8	
✓ 85	6	B8	
✓ 86	5	B9	
✓ 87	9	B9	
✓ 88	4	F8	
✓ 89	5	K0	
✓ 90	3	A0	
✓ 91	1	G	Partly sup. on 90
✓ 92	6	B8	
✓ 93	10	B8	
✓ 94	4	G0	
95	3	G0	
96	7	K2	
97	3	G5	
98	2	A0	
99	4	A0	
100	3	B9	
101	3	A0	
102	6	B5	
103	3	B9	
104	4	B9	
105	1	K5	
106	2	K5	
107	6	B9	
108	3	F2	Another star sup. at south

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82	−4°	1178	5	27.9	−4	28	9.0	✓
83	−4°	1176	5	27.8	−4	27	8.5	✓52 −4° 1174 sup. 9.5
84	−4°	1172	5	27.5	−4	30	8.0	✓50
85	−4°	1171	5	27.4	−4	35	8.0	✓48
86	−4°	1168	5	27.2	−4	28	9.0	✓48
87	−4°	1173	5	27.7	−4	12	7.0	✓51
88	−3°	1142	5	27.9	−3	48	9.0	✓
89	−3°	1141	5	27.4	−3	47	8.5	✓
90	−3°	1147	5	28.4	−3	40	9.4	✓
91	−3°	1145	5	28.3	−3	39	9.4	✓
92	−3°	1148	5	28.4	−3	26	8.8	✓
93	−3°	1146	5	28.4	−3	21	7.0	✓
94	−3°	1139	5	27.0	−3	33	9.2	✓
95	−3°	1137	5	26.4	−3	44	9.2	✓
96	−3°	1136	5	26.4	−3	34	7.5	✓
97	−3°	1135	5	26.3	−3	13	8.8	✓
98	−3°	1130	5	25.0	−3	40	9.5	✓
99	−4°	1166	5	26.1	−4	28	9.0	✓
100	−4°	1165	5	26.1	−4	44	9.0	✓
101	−5°	1285	5	25.6	−5	4	8.7	✓
102	−4°	1164	5	25.8	−4	40	8.0	✓
103	−4°	1163	5	25.3	−4	42	9.0	✓
104	−4°	1162	5	25.1	−4	37	8.8	✓
105	−4°	1161	5	25.1	−4	25	9.0	✓
106	−4°	1160	5	25.0	−4	17	9.0	✓
107	−5°	1289	5	26.0	−5	27	8.5	✓
108	−5°	1295	5	26.8	−5	43	9.1	✓ −5° 1296 sup. 9.4

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1914phae.proj.2179C

Tuesday, Sept. 22, 1914

MC 4898

No	Int.	Class	Remark
109	2	A_3	
110	δ^2	A	another star sup. on following side. Prob. same class
111	3	A_0	
112	1	K_2	
113	2n.1	I_4	
114	1	F_8	
115	5	A_0	
116	7	B_8	
117	7	B_9	
118	9	B_3	
119	4	A_0	
120	2	A_0	Partly sup. on 119
121	1	K_0	
122	7	B_9	
123	1	K_0	
124	6	$I_{4.5}$	
125	2	I_4	
126	4	A_0	
127	6	A_0	
128	3	K_2	
129	1	$I_{4.5}$	
130	8	A_2	
131	2	F_8	
132	2	$I_{4.5}$	
133	8	A_3	
134	7	F_5	
135	5	K_2	

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1914phae.proj.2179C

109	−6°	1223	5	26.4	−6	10	9.2 ✓
110	−6°	1217 (8)	5	25.8	−6	37 (6)	~~8.9~~ 9.0 ✓
111	−6°	1216	5	25.6	~~+6~~ −7	0	9.0 ✓
112	−6°	1224	5	26.4	−6	39	9.0 ✓
113	−6°	1225	5	26.6	−6	29	9.0 ✓
114	−6°	1222	5	26.4	−6	49	9.3 ✓
115	−7°	1115	5	26.3	−7	42	8.5 ✓
116	−7°	1103	5	24.7	−7	10	7.5 ✓
117	−6°	1209	5	25.1	−6	49	8.2 ✓
118	−6°	1207	5	24.3	−6	49	6.8 ✓
119	−6°	1212	5	25.3	−6	30	8.5 ✓
120	−6°	1211	5	25.2	−6	31	9.1 ✓
121	−6°	1215	5	25.5	−6	6	9.0 ✓
122	−6°	1204	5	23.9	−6	~~1~~ 19	8.0 ✓
123	−6°	1202	5	23.4	−6	20	9.0 ✓
124	−6°	1200	5	23.2	−6	6	8.0 ✓
125	−6°	1197	5	23.0	−6	2	9.0 ✓
126	−5°	1277	5	23.6	−5	37	8.5 ✓
127	−5°	1274	5	23.0	−5	19	8.5 ✓
128	−4°	1155	5	23.9	−4	56	8.7 ✓
129	−4°	1153	5	23.9	−4	43	9.1 ✓
130	−4°	1152	5	23.7	−4	22	8.0 ✓
131	−5°	1273	5	22.8	−5	3	9.1 ✓
132	−4°	1147	5	22.1	−4	56	9.1 ✓
133	−4°	1141	5	21.4	−4	49	7.5 ✓
134	−5°	1265	5	21.5	−5	29	8.3 ✓
135	−5°	1268	5	22.0	−5	34	8.0 ✓

−6° 1218 ap. ~~8.9~~ 9.0 (7)

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No	Int.	Class	Remark
136	7	B9	
137	3	K5	
138	3	A0	
139	4	A0	
140	3	G0	
141	3	K5	
142	6	F8	
143	5	A3	
144	2	A	
145	3	K5	
146	3	F8	
147	2	A5	
148	2	A0	
149	5	A0	
150	1	G5	
151	1	K5	
152	10	B5	
153	3	A0	
154	10	B3	
155	1	G5	
156	2	A0	
157	3	K2	Another star sup. at north
158	4	G5	
159	3	G5	
160	7	K0	
161	7	F2	
162	1	G	

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136	−5°	1269	5	22.1	−5	54	8.0 ✓
137	−5°	1256	5	20.6	−5	22	8.5 ✓
138	−5°	1256	5	20.0	−5	6	9.1 ✓
139	−5°	1251	5	19.4	−5	46	8.5 ✓
140	−5°	1246	5	18.7	−5	46	8.5 ✓
141	−6°	1176	5	18.9	−6	8	8.0 ✓
142	−6°	1175	5	18.8	−6	30	7.5 ✓
143	−7°	1075	5	19.0	−7	6	8.5 ✓
144	−7°	1076	5	19.4	−7	25	9.0 ✓
145	−6°	1180	5	19.6	−6	38	8.5 ✓
146	−6°	1181	5	19.8	−6	40	9.0 ✓
147	−6°	1185	5	20.4	−6	45	9.0 ✓
148	−7°	1081	5	20.5	−7	4	9.0 ✓
149	−7°	1083	5	20.6	−7	1	9.0 ✓
150	−6°	1191	5	21.6	−6	34	9.0 ✓
151	−6°	1192	5	22.0	−6	46	8.5 ✓
152	−7°	1092	5	22.4	−7	24	6.8 ✓
153	−7°	1096	5	22.8	−7	46	9.0 ✓
154	−7°	1099	5	23.3	−7	34	6.0 ✓
155	−5°	1282	5	24.4	−5	10	9.0 ✓
156	−4°	1156	5	24.2	−4	3	9.2 ✓
157	−3°	1123	5	24.1	−3	43	8.7 ✓ −3° 1124 sup. 9.7
158	−3°	1120	5	23.8	−3	26	8.8 ✓
159	−3°	1121	5	23.9	−3	18	9.0 ✓
160	−3°	1126	5	24.5	−3	20	7.2 ✓
161	−3°	1117	5	23.1	−3	25	8.3 ✓
162	−3°	1118	5	23.2	−3	44	9.3 ✓

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No	Mt.	Class	Remark
163	2	g_0	
164	3	g_0	
165	3	F_5	
166	1	g	
167	1	g	
168	2	g_5	
169	3	g_5	
170	1	K_2	
171	3	K_2	
172	2	g_0	Partly sup. on 173
173	2	a_0	
174	3	F_8	
175	2	F_8	
176	3	F_5	
177	3	F_8	
178	3	a_2	
179	4	a_5	
180	3	a_2	E
181	2	a	E
182	4	K_2	E
183	4	a_0	E
184	2	a	Partly sup. on 185
185	3	a_2	
186	2	a_2	Another star sup. on preceding side
187	5	K_0	
188	1	K_2	
189	2	a	E

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163	−4°	1154	5	23.9	−4	3	9.2 ✓	
164	−3°	1112	5	21.5	−3 (−4)	0	8.9 ✓	
165	~~−4°~~ −4°	1142	5	21.4	−4	20	9.2 ✓	~~−4° 1143 sup. 9.3~~
	−4°	1143					9.3	
166	−4°	1140	5	21.2	−4	19	9.5 ✓	
167	−4°	1136	5	20.8	−4	17	9.5 ✓	
168	−4°	1135	5	20.5	−4	8	9.3 ✓	
169	−4°	1134	5	20.2	−4	24	9.0 ✓	
170	−4°	1133	5	20.1	−4	34	9.0 ✓	
171	−4°	1132	5	19.8	−4	26	8.6 ✓	
172	−4°	1128	5	19.4	−4	23	9.0 ✓	
173	−4°	1130	5	19.5	−4	20	9.3 ✓	−4° 1129 sup. 9.3
174	−4°	1131	5	19.5	−4	11	9.0 ✓	
175	−4°	1125	5	19.3	−4	17	9.3 ✓	
176	−4°	1122	5	18.5	−4	6	9.0 ✓	
177	−4°	1121	5	18.3	−4	1	9.0 ✓	
178	−3°	1092	5	17.3	−3	39	9.2 ✓	
179	−3°	1091	5	17.2	−3	25	8.8 ✓	
180	−3°	1087	5	16.6	−3	13	8.5 ✓	
181	−3°	1083	5	16.1	−3	15	9.0 ✓	
182	−3°	1081	5	15.8	−3	4	8.5 ✓	
183	−3°	1087 (9)	5	~~16.6~~ 19.0	−3	18 (2)	8.5 ✓	
184	−3°	1102	5	19.8	−3	3	9.2 ✓	
185	−3°	1103	5	19.9	−3	4	9.1 ✓	
186	−3°	1107	5	20.6	−3	12	9.3 ✓	−3° 1106 sup. 9.4
187	−3°	1110	5	21.3	−3	36	8.5 ✓	
188	−3°	1111	5	21.4	−3	22	9.0 ✓	
189	−3°	1113	5	21.5	−3	11	9.3 ✓	

Crab nebula lights observed

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	No	Int.	Class	Remark
	190	1	K0	
	191	3	F5	Another star sup. at north
	192	2	F8	
	193	6	G5	
	194	3	K0	
	195	3	G0	
	196	3	G5	
	197	2	G5	
	198	2	G0	
11:00	199	2	G2	
11:15	200	2	F5	
	201	2	F8	
	202	2	G0	
	203	2	G0	
	204	1	F	
	205	7	F2	
	206	5	G2	
	207	1	K5	
	208	6	G2	
	209	2	G0	
	210	5	G0	
	211	2	K0	
	212	7	G2	
	213	1	K0	
	214	3	G2	E
	215	1	G5	E
	216	2	K5	E

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190	−4°	1123	5	18.8	−4	56	9.1 ✓
191	−4°	1119	5	18.3	−4	51	9.0 ✓ −4° 1120 sup. 9.2
192	−4°	1116	5	17.7	−4	42	9.0 ✓
193	−4°	1113	5	16.7	−4	42	8.4 ✓
194	−5°	1245	5	18.5	−5	17	8.5 ✓
195	−5°	1244	5	17.6	−5	41	9.0 ✓
196	−6°	1165	5	16.9	−5 6	2	8.4 ✓
197	−5°	1243	5	17.3	−5	25	9.3 ✓
198	−5°	1238	5	15.9	−5	28	9.0 ✓
199	−5°	1240	5	16.1	−5	18	9.0 ✓
200	−5°	1234	5	14.5	−5	13	9.2 ✓
201	−5°	1235	5	14.6	−5	2	9.3 ✓
202	−5°	1233	5	14.4	−5	3	9.1 ✓
203	−4°	1110	5	16.2	−4	4	9.2 ✓
204	−4°	1109	5	15.9	−4	24	9.5 ✓
205	−6°	1166	5	17.2	−6	57	8.1 ✓
206	−6°	1163	5	16.7	−6	59	8.5 ✓
207	−7°	1061	5	16.6	−7	2	8.5 ✓
208	−6°	1158	5	15.9	−6	51	8.5 ✓
209	−7°	1058	5	16.3	−7	22	9.2 ✓
210	−7°	1054	5	15.6	−7	45	8.0 ✓
211	−7°	1051	5	14.8	−7	48	8.7 ✓
212	−7°	1049	5	14.2	−7	38	8.0 ✓
213	−6°	1153	5	14.8	−6	50	8.5 ✓
214	−7° 8	1102	5	15.9	−7 8	2	9.1 ✓
215	−7°	1068	5	17.7	−7	50	9.0 ✓
216	−7°	1071	5	18.3	−7	50	8.0 ✓

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NIC 4898

No	Int.	Class	Remark
217	2	b_5	
218	1	K_2	
219	2	K_2	
220	3	F E	
221	3	a_0	
222	1	K	
223	1	F8	
224	28	b_0	
225	2	a_2	
226	1	a	
227	8	B_3	
228	2	a_0	
229	2	K_0	
230	2	a_2	
231	2	a_0	
232	2	K_2	
233	9	a_2	
234	3	a_0	
235	2	a_0	
236	9	B_5	
237	7	B_5	
238	5	a_2	
239	2	a	partly sup. on 238
240	2	a_0	
241	6	B8	
242	3	K_0	
243	2	K_0	

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217	−7°	1084	5	20.8	−7	29	8.7	✓
218	−7°	1086	5	21.0	−7	48	9.0	✓
219	−7°	1088	5	21.6	−7	51	8.6	✓
220	−7°	1089	5	22.1	−7	54	8.5	✓
221	−7°	1105	5	24.9	−7	50	8.8	✓
222	−7°	~~1049~~ 1114	5	~~14.2~~ 25.8	−7	~~38~~ 45	~~8.0~~ 9.0	✓
223	−5°	1292	5	26.6	−5	17	9.3	✓
224	−5°	1333	5	29.0	−5	~~10~~ 9	8.8	✓
225	−5°	1338	5	29.5	−5	14	9.0	✓
226	−4°	1189	5	28.9	−4	51	9.5	✓
227	−4°	1190	5	28.9	−4	31	7.8	✓58
228	−3°	1154	5	29.5	−3	36	9.3	✓
229	−3°	1153	5	29.5	−3	24	9.0	✓
230	−3°	1158	5	30.0	−3	56	9.3	✓
231	−3°	1159	5	30.4	−3	45	9.0	✓
232	−3°	1162	5	31.1	−3	39	9.0	✓
233	−4°	1198	5	31.1	−4	11	7.5	✓68
234	−4°	1201	5	31.6	−4	22	9.0	✓71
235	−4°	1200	5	31.5	−4	46	9.2	✓
236	−4°	1196	5	30.7	−4	54	7.0	✓65
237	−5°	1342	5	30.5	−5	2	7.8	✓64
238	−5°	1347	5	~~30.5~~ 31.1	−5	~~11~~ 8	~~9.0~~ 8.0	✓66
239	−5°	1348	5	31.4	−5	12	9.0	✓
240	−5°	1346	5	31.1	−5	31	9.0	✓
241	−5°	1351	5	31.9	−5	17	7.8	✓67
242	−4°	1203	5	32.1	−4	46	8.8	✓
243	−4°	1204	5	32.2	−4	51	9.0	✓

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No	Int.	Class	Remark
244	3	g_5	
245	5	B8	
246	3	a_0	
247	5	K_2	Another star sup. at south
248	7	B8	
249	6	a_0	
250	3	F8	
251	3	F_2	
252	8	B9	
253	6	B9	
254	10	F_0	
255	2	a_0	E
256	1	g_5	
257	1	F_5	
258	2	g_0	
259	1	g_5	
260	2	g_0	
261	2	g_0	
262	1	F_2	
263	2	a_2	
264	5	B8	
265	1	g_0	
266	2	a_2	
267	4	a_0	
268	1	K_2	
269	6	F_2	
270	3	F_2	

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244	−5°	1355	5	32.6	−5	9	9.0 ✓
245	−4°	1210	5	33.2	−4	30	8.2 ✓
246	−4°	1212	5	33.5	−4	1	9.2 ✓
247	−3°	~~1169~~ 1170	5	33.7	~~−4~~ −3	55	~~9.2~~ 8.0 ✓ 72 ~~−4°~~ −3° 1169 sup. 9.2
248	−3°	1171	5	33.9	−3	42	8.5 ✓ 73
249	−3°	1173	5	34.4	−3	48	8.0 ✓ 74
250	−3°	1174	5	34.6	−3	34	9.0 ✓
251	−3°	1177	5	35.1	−3	24	8.8 ✓
252	−3°	1168	5	33.1	−3	31	7.8 ✓ 70
253	−3°	1167	5	32.7	−3	26	8.0 ✓
254	−3°	1166	5	32.3	−3	39	6.5 ✓ 69
255	−3°	1165	5	31.9	−3	2	9.2 ✓
256	−3°	1161	5	31.0	−3	26	9.4 ✓ −3° 1160 sup. 9.5
257	−6°	1283	5	33.5	−6	15	9.2 ✓
258	−5°	1359	5	33.8	−5	38	8.5 ✓
259	−5°	1358	5	33.8	−5	6	9.4 ✓
260	−5°	1361	5	34.0	−5	3	9.1 ✓
261	−5°	1363	5	34.7	−5	23	9.0 ✓
262	−4°	1218	5	34.7	−4	33	9.5 ✓
263	−4°	1216	5	34.3	−4	5	9.5 ✓
264	−4°	1223	5	35.6	−4	43	8.5 ✓
265	−4°	1221	5	35.5	−4	55	9.2 ✓
266	−4°	1224	5	35.8	−4	54	9.2 ✓
267	−5°	1370	5	36.1	−5	4	8.8 ✓
268	−5°	1373	5	36.6	−5	14	9.0 ✓
269	−5°	1379	5	37.3	−5	32	7.8 ✓
270	−5°	1369	5	36.0	−5	53	9.0 ✓

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No	Int.	Class	Remark
271	1	l_5	
272	5	d_5	
273	2	g_5	
274	5	K_0	
275	9	a_2	
276	1	K_0	
277	1	a	
278	4	B8	Obscured by nebulosity
279	6	B8	
280	3	B?	No lines clearly seen. Nebula superposed.
11:40	281	1	F8
	282		
	283		

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271	−3°	1180	5	36.2	−3	39	9.2 ✓
272	−3°	1181	5	36.7	−3	41	8.7 ✓
273	−3°	1182	5	36.8	−3	53	9.1 ✓
274	−4°	1227	5	36.9	−4	38	8.0 ✓
275	−4°	1231	5	37.4	−4	46	7.5 ✓
276	−4°	1232	5	37.9	−4	28	9.5 ✓
277	−5°	1382	5	38.1	−5	11	9.5 ✓
278	−5°	1326	5	28.4	−5	31	9.0 ✓
279	−5°	1320	5	28.3	−5	31	7.8 ✓
280	−5°	1313	5	28.0	−5	34	9.0 ✓
281	−5°	1281	5	24.2	−5	49	9.0 ✓

Identified in book by J C M October 24, 1914
Ident. on cards by A. M. C October 25, 1914
Identification compared by G. R. B. October 26, 1914

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Thursday, Oct. 1, 1914

MC 6445

C 12

	No	Int.	Class	Remark
11:35	✓ 1	2	g_5	
	✓ 2	1	g_0	
	✓ 3	2	g_5	
	✓ 4	4	g_5	
	✓ 5	4	g_0	
	✓ 6	3	g_0	
	✓ 7	2	K_2	
	✓ 8	3	g_5	
	✓ 9	2	g_5	
	✓ 10	7	a_2	
	✓ 11	10	F_8	
	✓ 12	9	F_5	
	✓ 13	1	K_5	
	✓ 14	10	a	
	✓ 15	4	F_8	
	✓ 16	2	g_0	
	✓ 17	3	F_8	
	✓ 18	1	K_2	
	✓ 19	2	K_2	
	✓ 20	2	K_0	
	✓ 21	1	K_2	
	✓ 22	2	K_0	
	✓ 23	5	K_5	
	✓ 24	8	K_0	
	✓ 25	5	F_8	
	✓ 26	2	K_0	
	✓ 27	2	K_0	

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1	+13°	5066	23	4.7	+13	18	9.2 ✓
2	+13°	5059 (62)	23	2.7 (3.6)	+13	39 (24)	7.7 (9.3) ✓
3	+14°	4940	23	3.8	+14	12	9.1 ✓
4	+14°	4937	23	2.4	+14	26	9.0 ✓
5	+14°	4936	23	1.7	+14	45	8.9 ✓
6	+14°	4935	23	1.5	+14	46	9.2 ✓
7	+14°	4932	23	0.1	+14	29	8.9 ✓
8	+14°	4931	22	59.7	+14	11	9.2 ✓
9	+13°	5056	22	59.4	+13	40	9.5 ✓
10	+12°	4940	23	1.2	+12	56	8.4 ✓
11	+13°	5059	23	2.7	+13	39	7.7 ✓
12	+13°	5053	22	58.2	+13	40	8.1 ✓
13	+13°	5054	22	58.3	+13	56	9.2 ✓
14	+14°	4929	22	58.4	+14	10	7.6 ✓
15	+13°	5051	22	57.3	+13	41	9.0 ✓
16	+13°	5049	22	56.3	+13	54	9.0 ✓
17	+14°	4924	22	55.7	+14	30	9.0 ✓
18	+14°	4922	22	55.1	+14	25	9.3 ✓
19	+14°	4921	22	55.1	+14	36	9.1 ✓
20	+14°	4919	22	54.7	+14	39	9.0 ✓
21	+14°	4918	22	54.5	+14	37	9.5 ✓
22	+14°	4920	22	54.8	+14	1	9.2 ✓
23	+13°	5041	22	54.6	+13	56	8.5 ✓
24	+14°	4916	22	54.2	+14	6	7.3 ✓
25	+13°	5039	22	53.8	+13	55	9.0 ✓
26	+14°	4910	22	53.3	+14	10	9.0 ✓
27	+13°	5035	22	53.1	+13	52	9.0 ✓

This is practically the same Dec. as "6"? Q slight error in Dec. in DM.

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1914phae.proj.2179C

Thursday, Oct. 1, 1914
MC 6445

No	Int.	Class	Remark
✓ 28	2	K_2	
✓ 29	1	K_2	
✓ 30	6	A_2	
✓ 31	6	K_0	
✓ 32	7	F_0	
✓ 33	2	K_0	
✓ 34	2	K_0	
✓ 35	7	F_2	
✓ 36	3	G_5	
✓ 37	6	F_2	
✓ 38	3	K_0	
✓ 39	4	Ma	
✓ 40	5	K_2	
✓ 41	3	F_8	
✓ 42	4	F_8	
✓ 43	4	K_0	
✓ 44	2	A_3	
✓ 45	6	A_5	
✓ 46	4	F_8	
✓ 47	1	F_5	
✓ 48	4	G_5	
✓ 49	3	A_3	
✓ 50	5	K_2	
✓ 51	6	Aa	lines 4077 and 4128 strong.
✓ 52	3	F_5	
✓ 53	10	K_0	
✓ 54	10	Aa	

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28	+13°	5032	22	52.6	+13	36	9.1 ✓
29	+13°	5036	22	53.1	+13	32	9.0 ✓
30	+13°	5037	22	53.1	+13	15	8.0 ✓
31	+13°	5034	22	53.0	+13	10	7.7 ✓
32	+13°	5033	22	52.7	+13	5	7.7 ✓
33	+12°	4924	22	52.4	+12	53	8.9 ✓
34	+12°	4921	22	51.5	+12	53	9.1 ✓
35	+12°	4919	22	50.7	+12	51	7.8 ✓
36	+13°	5029	22	51.4	+13	17	8.8 ✓
37	+13°	5025	22	49.9	+13	15	7.5 ✓
38	+12°	4916	22	49.5	+12	54	8.8 ✓
39	+13°	5024	22	49.8	+13	39	7.5 ✓
40	+13°	5028	22	51.0	+13	56	8.0 ✓
41	+13°	5027	22	50.9	+13	56	9.2 ✓
42	+14°	4904	22	50.8	+14	15	9.0 ✓
43	+14°	4905	22	50.9	+14	30	8.7 ✓
44	+14°	4903	22	50.1	+14	31	9.1 ✓
45	+14°	4902	22	50.0	+14	39	8.0 ✓
46	+15°	4734	22	50.7	+15	4	8.8 ✓
47	+15°	4735	22	50.9	+15	8	9.1 ✓
48	+15°	4737	22	51.7	+15	0	8.6 ✓
49	+14°	4911	22	53.6	+14	49	8.8 ✓
50	+14°	4912	22	53.7	+14	53	8.3 ✓
51	+15°	4748	22	54.6	+15	11	8.3 ✓
52	+15°	4750	22	55.3	+15	4	8.8 ✓
53	+15°	4751	22	55.5 H	+15	28	6.6 ✓
54	+15°	4752	22	55.8	+15	41	7.8 ✓

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Thursday, Oct. 1, 1914

MC 6445

No	Int.	Class	Remark
55	3	K_2	
56	1	K_2	Another star sup. n.p.
57	2	K_0	
58	3	K_0	Partly sup. on 59
59	9	K_0	
60	1	K_2	
61	4	F_5	
62	3	F_5	
63	1	K_2	
64	5	G_0	
65	1	K_5	
66	1	F_5	
67	2	G_0	
68	2	G_0	
69	2	G_5	
70	3	G_0	
71	10	K_0	
72	1	G_5	Partly sup. on 73
73	4	G_0	
74	2	K_0	
75	4	K_0	
76	2	F_8	
77	1	K_2	
78	1	K_0	
79	6	F_5	
80	2	G_5	
81	10	F_5	

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cosmic-ray.tripod.com/antares

55	+15°	4753	22	56.1	+15	17	8.5 ✓
56	+15°	4756	22	56.8	+15	4	9.0 ✓ +15° 4755 sup. 9.0
57	+15°	4761	22	58.2	+15	26	8.5 ✓
58	+15°	4759	22	58.0	+15	42	9.0 ✓
59	+15°	4760	22	58.0	+15	48	7.0 ✓
60	+15°	4762	22	59.5	+15	39	9.0 ✓
61	+15°	4764	22	59.9	+15	29	9.0 ✓
62	+15°	4763	22	59.9	+15	43	9.0 ✓
63	+15°	4764 (5)	23	0.2	+15	47	9.0 ✓
64	+16°	4873 (4)	23	~~0.7~~ 1.0	+16	~~12~~ 3	~~8.9~~ 8.9 ✓
65	+16°	4872 (3)	23	0.6 (7)	+16	~~12~~ 12	~~9.3~~ 8.9 ✓
66	+16°	4877	23	1.6	+16	26	9.3 ✓
67	+16°	4878	23	1.9	+16	22	9.2 ✓
68	+16°	4879	23	2.6	+16	8	9.3 ✓
69	+16°	4881	23	3.0	+16	29	8.9 ✓
70	+16°	4880	23	2.9	+16	46	8.9 ✓
71	+16°	4882	23	3.5	+16	48	5.8 ✓
72	+16°	4883	23	3.7	+16	6	8.9 ✓
73	+16°	4884	23	3.8	+16	2	8.8 ✓
74	+15°	4773	23	2.9	+15	45	9.0 ✓
75	+14°	4942	23	4.9	+14	34	9.0 ✓
76	+14°	4943	23	5.0	+14	22	9.2 ✓
77	+13°	5070	23	5.3	+13	53	9.2 ✓
78	+13°	5069	23	5.1	+13	43	9.4 ✓
79	+14°	4949	23	6.4	+14	34	9.0 ✓
80	+14°	4948	23	6.3	+14	24	9.4 ✓
81	+14°	4952	23	6.6	+14	35	7.4 ✓

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Thursday, Oct. 1, 1914
MC 6445

No	Int	Class	Remark
82	3	G0	
83	2	G	
84	2	K0	
85	2	G5	
86	1	K5	
87	4	K5	
88	2	G0	
89	4	G0	
90	5	F8	
91	3	K0	
92	3	F8	
93	4	G5	
94	2	G0	
95	3	G0	
96	5	G0	
97	2	K2	
98	2	G5	
99	7	K0	
100	4	K0	
101	3	G5	
102	1	K	
103	3	Ma	
104	1	K0	
105	2	F8	
106	2	G0	Another star sup. at south
107	1	G0	
108	1	K0	

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82	+15°	4779	23	6.3	+15	34	8.8 ✓
83	+16°	4887	23	5.2	+16	30	9.3 ✓
84	+15°	4777	23	4.8	+15	0	9.1 ✓
85	+16°	4875	23	1.1	+16	42	9.2 ✓
86	+16°	4871	23	0.6	+16	35	9.0 ✓
87	+16°	4865	22	57.9	+16	33	8.1 ✓ +16° 4864 sufo. 9.4
88	+16°	4862	22	57.4	+16	28	9.2 ✓
89	+16°	4859	22	57.0	+16	28	8.8 ✓
90	+16°	4863	22	57.6	+16	9	8.7 ✓
91	+16°	4855	22	55.6	+16	12	8.8 ✓
92	+16°	4853	22	54.9	+16	31	8.9 ✓
93	+15°	4746	22	54.2	+15	38	8.8 ✓
94	+15°	4744	22	53.3	+15	51	9.5 ✓
95	+15°	4740	22	52.4	+15	46	9.0 ✓
96	+16°	4847	22	51.7	+16	17	8.6 ✓
97	+16°	4846	22	51.1	+16	34	8.7 ✓
98	+16°	4844	22	50.3	+16	25	8.8 ✓
99	+16°	4842	22	50.1	+16	45	8.3 ✓
100	+16°	4838	22	49.2	+16	41	8.7 ✓
101	+16°	4845	22	50.3	+16	54	8.8 ✓
102	+16°	4841	22	49.7	+16	51	9.3 ✓
103	+15°	4733	22	49.6	+15	48	8.5 ✓
104	+16°	4848	22	52.9	+16	37	9.0 ✓
105	+13°	5038	22	53.7	+13	36	9.5 ✓
106	+13°	5044	22	55.2	+13	10	9.4 ✓ +13° 5045 sufo. 9.5
107	+13°	5047	22	56.5	+13	2	9.5 ✓
108	+12°	4936	22	57.8	+12	51	9.2 ✓

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Thursday, Oct. 1, 1914

MC 6445

	No	Pht.	Class	Remark
	✓109	1	F5	
	✓110	1	aK	
12:00	✓111	1	dg5	
	112			

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109	+15°	4749	22	55.0	+15	44	9.3 ✓
110	+15°	4747	22	54.3	+15	56	9.3 ✓
111	Approx.	1865	22	56.8	+15	48	

Ident. in book by J C M. April 12, 1915

Ident on cards by Am.C. May 3, 1915

Identification compared by G.R.B. May 3, 1915

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Thursday, Oct. 1, 1914

MC 6444 C11

	No.	Int.	Class	Remark
12:00	✓ 1	4	A_2	
	✓ 2	3	A_5	
	✓ 3	5	K_0	
	✓ 4	2	A_3	
	✓ 5	1	K_0	
	✓ 6	1	K_2	
	✓ 7	2	G_0	
	✓ 8	1	G	
	✓ 9	1	G_5	
	✓ 10	10...	B8	Another star sup. at south
	✓ 11	6	F_0	
	✓ 12	4...	K_0	
	✓ 13	3	G_5	
	✓ 14	2	K_0	
	✓ 15	10	F_5	
	✓ 16	3	A_2	
	✓ 17	2	K_1	
	✓ 18	7	A_0	
	✓ 19	2	F_5	
	✓ 20	1	K_5	
	✗ 21	40.1	F_2	[illegible]
	✓ 22	1	F	
	✓ 23	8	Ma	
	✓ 24	6...	A_2	
	✓ 25	1	K_0	
	✓ 26	2	K_0	
	✓ 27	1	K_5	Perhaps Ma

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1	+13°	4640	21	6.1	+13	36	8.7 ✓
2	+13°	4638	21	5.6	+13	56	9.2 ✓
3	+14°	4554	21	5.2	+14	7	8.0 ✓
4	+12°	4571	21	5.4	+13	0	9.1 ✓
5	+13°	4635	21	5.0	+13	6	9.2 ✓
6	+13°	4634	21	4.5	+13	12	9.2 ✓
7	+13°	4630	21	2.9	+13	33	9.4 ✓
8	+13°	4624	21	1.4	+13	46	9.4 ✓
9	+13°	4626	21	1.4	+13	57	9.5 ✓
10	+14°	4544	21	1.1	+14	5	7.7 ✓ Star sup. at p. not in 2m. Very ft.
11	+13°	4621	21	0.8	+13	46	8.4 ✓
12	+13°	4619	21	0.2	+13	52	8.5 ✓
13	+14°	4538	21	0.5	+14	18	8.8 ✓
14	+14°	4531	20	59.6	+14	32	9.2 ✓
15	+14°	4530	20	59.0	+14	46	7.0 ✓
16	+14°	4528	20	58.4	+14	26	9.2 ✓
17	+14°	4525	20	57.4	+14	9	9.1 ✓
18	+13°	4607	20	57.2	+13	48	8.0 ✓
19	+13°	4613	20	58.6	+13	51	9.4 ✓
20	+13°	4617	20	59.4	+13	47	9.0 ✓
21	+13°	4603	20	56.2	+13	26	9.0 ✓
22	+14°	4519	20	56.3	+14	1	9.0 ✓
23	+14°	4518	20	56.2	+14	10	7.3 ✓
24	+13°	4600	20	55.3	+13	52	8.6 ✓
25	+13°	4599	20	55.2	+13	49	9.3 ✓
26	+14°	4511	20	54.4	+14	6	9.4 ✓
27	+14°	4506	20	54.0	+14	2	9.2 ✓

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Thursday, Oct. 1, 1914

MC 6444

No	Int.	Class	Remark
✓ 28	2	K0	
✓ 29	4	K2	
✓ 30	1	K0	
✓ 31	2	K5	
✓ 32	5	K0	
✓ 33	5	A0	
✓ 34	3	F8	
✓ 35	7	A5	
✓ 36	2	A	Nearly all sup. on 35
✓ 37	3	A3	
✓ 38	5	K0	
✓ 39	4	F8	
✓ 40	4	G0	
✓ 41	2	F5	
✓ 42	2	Mc	Var.?
✓ 43	2	K0	
✓ 44	3	K0	
✓ 45	1	Mb	
✓ 46	3	K2	
✓ 47	4	F8	
✓ 48	6	A2	
✓ 49	1	K0	
✓ 50	2	F8	
✓ 51	6	K5	
✓ 52	7	Comp.	Br. = K0, Fl. = A2
✓ 53	2	K	Partly sup. on 54
✓ 54	6	A0	

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28	+14°	4508	20	54.2	+14	13	9.2 ✓
29	+14°	4507	20	54.1	+14	30	8.5 ✓
30	+14°	4510	20	54.4	+14	36	9.3 ✓
31	+14°	4509	20	54.3	+14	49	9.4 ✓
32	+14°	4512	20	54.5	+14	57	8.4 ✓
33	+14°	4504	20	53.3	+14	54	9.0 ✓
34	+14°	4500	20	52.7	+14	41	9.0 ✓
35	+15°	4304	20	52.5	+15	1	7.7 ✓
36	+14°	4499	20	52.4	+15	0	9.4 ✓
37	+14°	4494	20	51.9	+14	35	8.8 ✓
38	+14°	4493	20	51.8	+14	23	7.5 ✓
39	+14°	4491	20	51.7	+14	16	8.6 ✓
40	+13°	4492	20	52.2	+13	54	8.8 ✓
41	+14°	4497	20	52.2	+14	5	9.1 ✓
42	+13°	4591	20	51.9	+13	46	8.9 ✓
43	+13°	4590	20	51.9	+13	36	9.0 ✓
44	+13°	4596	20	53.0	+13	29	9.0 ✓
45	+13°	4597	20	53.8	+13	23	9.0 ✓
46	+13°	4584	20	50.8	+13	22	9.1 ✓
47	+13°	4585	20	50.8	+13	29	9.1 ✓
48	+13°	4582	20	50.5	+13	48	8.8 ✓
49	+13°	4586	20	50.9	+13	57	9.1 ✓
50	+13°	4581	20	50.3	+13	10	9.2 ✓
51	+14°	4479	20	49.7	+14	8	7.2 ✓
52	+14°	4478	20	49.6	+14	17	7.0 ✓
53	+14°	4484	20	50.5	+14	17	8.8 ✓
54	+14°	4485	20	50.5	+14	20	8.8 ✓

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Thursday, Oct. 1, 1914
MC 6444

No	Int.	Class	Remark
55	2	K0	
56	2	F8	
57	1	A	
58	1..	K2	
59	1	F8	
60	7	B9	
61	7	Mb	
62	5	A0	
63	4	A0	Nearly all sup. on 64
64	8	B9 A0	Partly sup. on 63
65	5	F2	
66	2	F8	
67	2	F2	
68	2	K2	
69	2	K5	Perhaps Ma
70	10	A2	
71	2	G0	
72	1	K0	Partly sup. on 73
73	6	K0	
74	4	K2	
75	3	A2	
76	7	B9	
77	4	G5	
78	1	G5	
79	1	F8	
80	10	F0	
81	2	A2	Partly sup. on 80

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55	+14°	4486	20	50.6	+14	30	9.1	✓
56	+14°	4487	20	51.0	+14	28	9.2	✓
57	+14°	4483	20	50.4	+14	35	9.2	✓
58	+14°	4488	20	51.2	+14	45	9.1	✓
59	+15°	4295	20	49.8	+15	10	9.0	✓
60	+14°	4475	20	49.2	+14	51	7.8	✓
61	+15°	4297	20	50.4	+15	41	7.3	✓
62	+16°	4413	20	51.5	+16	0	8.4	✓
63	+15°	4300	20	51.8	+15	52	9.2	✓ ?
64								✓
65	+15°	4302	20	52.0	+15	51	8.0	✓
66	+15°	4299	20	51.7	+15	32	9.0	✓
67	+15°	4294	20	49.6	+15	52	9.3	✓
68	+16°	4405	20	49.6	+16	29	9.3	✓
69	+16°	4406	20	49.8	+16	41	9.1	✓
70	+16°	4407	20	50.3	+16	34	7.0	✓
71	+16°	4409	20	50.7	+16	21	9.3	✓
72	+16°	4410	20	51.4	+16	26	9.1	✓
73	+16°	4412	20	51.4	+16	30	7.8	✓
74	+16°	4414	20	51.7	+16	43	8.0	✓
75	+16°	4418	20	52.2	+16	34	9.3	✓
76	+16°	4416	20	52.0	+16	21	8.3	✓
77	+16°	4415	20	51.8	+16	14	9.0	✓
78	+16°	4411	20	51.4	+16	8	9.1	✓
79	+15°	4303	20	52.4	+15	53	9.4	✓
80	+16°	4425	20	53.1	+16	16	6.2	✓ +16°4426 sup. 9.0
81	+16°	4427	20	53.2	+16	13	9.1	✓

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MC 6444

No	Mt.	Class	Remark
✓ 82	7	G_5	
✓ 83	3	G_5	
✓ 84	3	F_5	
✓ 85	1	K_2	
✓ 86	7	Ma	
✓ 87	6	G_5	Comp.?, K line slightly ft.
✓ 88	5	A_0	
✓ 89	3	K_2	
✓ 90	4	K_0	
✓ 91	2	K_0	
✓ 92	2	K_0	Another star sup. n.p.
✓ 93	3	G_0	
✓ 94	3	G_5	
✓ 95	2	K_5	
✓ 96	3	A	
✓ 97	4	A_0	
✓ 98	6	A_5	
✓ 99	3	G_0	Partly sup. on 98
✓ 100	2	G_0	
✓ 101	1	K_0	
✓ 102	4	K_5	
✓ 103	6	A_2	
✓ 104	2	K_5	
✓ 105	2	K_0	
✓ 106	3	K_0	
✓ 107	2	K_0	
✓ 108	6	F_5	

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82	+15°	4306	20	54.0	+15	30	8.0 ✓
83	+15°	4307	20	54.5	+15	19	8.8 ✓
84	+15°	4516	20	55.3	+15	55	9.0 ✓
85	+15°	4314	20	55.5	+15	12	9.2 ✓
86	+15°	4317	20	56.0	+15	25	6.9 ✓
87	+15°	4320	20	56.2	+15	12	7.8 ✓
88	+14°	4520	20	56.6	+14	47	9.0 ✓
89	+14°	4522	20	56.9	+14	56	9.1 ✓
90	+15°	4318	20	56.1	+15	39	8.7 ✓
91	+16°	4438	20	56.2	+16	0	9.0 ✓
92	+16°	4441	20	56.4	+16	4	9.3 ✓ +16° 4439 sup. 9.4
93	+16°	4442	20	56.6	+16	20	9.3 ✓
94	+16°	4443	20	56.8	+16	14	9.1 ✓
95	+16°	4445	20	57.0	+16	38	9.4 ✓
96	+16°	4440	20	56.4	+16	54	9.2 ✓
97	+16°	4444	20	56.8	+16	54	9.5 ✓
98	+16°	4448	20	57.6	+16	55	8.3 ✓
99	+17°	4500	20	57.6	+17	2	9.0 ✓
100	+16°	4450	20	58.1	+16	53	9.3 ✓
101	+16°	4449	20	57.8	+16	36	9.5 ✓
102	+16°	4454	20	58.9	+16	18	8.5 ✓
103	+15°	4325	20	59.1	+15	14	8.7 ✓
104	+15°	4331	20	59.7	+15	25	8.7 ✓
105	+15°	4329	20	59.6	+15	38	9.0 ✓
106	+15°	4343	21	0.3	+15	47	9.1 ✓
107	+15°	4345	21	0.4	+15	43	9.0 ✓
108	+14°	4537	21	0.4	+14	49	8.4 ✓

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1914phae.proj.2179C

Thursday, Oct. 1, 1914
MC 6444

No	Mnt.	Class	Remark
109	10	K0	
110	4	K0	
111	5	F5	
112	1	K0	
113	3	K0	
114	3	F8	
115	2	G5	
116	4	G5	
117	3	K2	
118	2	K0	
119	4	G0	
120	3	K0	
121	3	F8	
122	2	F8	
123	4	K0	
124	2	G5	
125	4	F8	
126	4	K2	
127	4	F5	
128	4	A2	
129	3	A0	
130	4	A0	
131	7	G5	
132	4	F5	
133	3	A0	
134	3	K0	
135	4	G0	

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109	+15°	4340	21	0.8	+15	5	6.5	✓
110	+14°	4546	21	1.3	+14	41	8.5	✓
111	+15°	4347	21	1.9	+15	7	8.9	✓
112	+15°	4349	21	2.1	+15	5	9.2	✓
113	+15°	4348	21	2.0	+15	12	8.8	✓
114	+15°	4346	21	1.9	+15	14	9.0	✓
115	+15°	4350	21	2.1	+15	37	9.2	✓
116	+15°	4342	21	0.8	+15	48	8.7	✓
117	+16°	4458 (9) 59	21	0.4	+16	~~26~~ 28	~~9.5~~ 9.0	✓ Error in DM.? which star? See note on card in cat. of errata in D.M.
118	+16°	4456	20	59.6	+16	42	9.4	✓ Only on star appears on 18 chart plates examined. Only one star appears on A 7373 which has an rep. of 240 m.
119	+16°	4459 (60)	21	~~0.4~~ 1.3	+16	~~28~~ 38	9.0	✓
120	+16°	4463	21	1.8	+16	33	9.0	✓
121	+16°	4462	21	1.6	+16	42	9.1	✓
122	+16°	4466	21	2.7	+16	46	9.2	✓
123	+16°	4465	21	2.5	+16	17	8.7	✓
124	+16°	4467	21	3.1	+16	4	9.4	✓
125	+16°	4468	21	3.8	+16	15	8.8	✓
126	+16°	4469	21	3.8	+16	24	8.2	✓
127	+16°	4471	21	3.9	+16	41	9.0	✓
128	+16°	4473	21	4.5	+16	1	9.0	✓
129	+15°	4361	21	4.1	+15	40	9.2	✓
130	+15°	4360	21	3.9	+15	45	9.0	✓
131	+15°	4355	21	3.1	+15	35	8.5	✓
132	+15°	4354	21	3.0	+15	36	9.0	✓
133	+15°	4358	21	3.6	+15	22	9.5	✓
134	+15°	4362	21	4.4	+15	16	8.7	✓
135	+15° 40'	4552	21	4.1	+14	52	8.9	✓

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Thursday, Oct. 1, 1914
MC 6744

No	Int.	Class	Remark
136	4	K2	
137	2	ly5	
138	2	ly0	
139	1	A0	
140	6	F8	
141	1	K0	
142	1	K2	
143	2	F5	
144	7	K0	
145	1	G	
146	6	F0	
147	4	B9	
148	1	K5	
149	2	A	
150	2	F8	
151	3	ly5	
152	2	K5	
153	7	ly5	
154	1	K5	
155	1	K5	
156	2	ly0	
157	1	K0	
158	1	ly	
159	1	ly5	
160	1	ly	
161	1	ly0	
162	1	ly5	

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136	+14°	4550	21	3.7	+14	39	8.2 ✓
137	+15°	4357	22′	3.6	+15	8	9.3 ✓
138	+15°	4368	22′	5.2	+15	2	9.1 ✓
139	+14°	4555	21	5.8	+14	45	9.5 ✓
140	+14°	4556	21	6.1	+14	59	8.1 ✓
141	+15°	4371	21	6.1	+15	29	9.0 ✓
142	+15°	4367	21	5.2	+15	19	9.3 ✓
143	+15°	4365	21	4.9	+15	41	9.0 ✓
144	+16°	4475	21	6.5	+16	21	7.3 ✓
145	+15°	4327 (6)	20	59.3 (2)	+15 (6)	57 (0)	9.5 ✓
146	+16°	4436	20	55.5	+16	14	8.5 ✓
147	+15°	4308	20	54.6	+15	53	9.0 ✓
148	+16°	4435	20	55.5	+16	35	9.3 ✓
149	Approx.	1855	20	55.0	+16	32	
150	+16°	4434	20	55.4	+16	41	9.3 ✓
151	+16°	4431	20	54.2	+16	40	9.0 ✓
152	+16°	4429	20	53.9	+16	31	9.1 ✓
153	+16°	4430	20	54.0	+16	53	8.0 ✓
154	Approx.	1855	20	53.8	+16	48	
155	+16°	4424	20	52.9	+16	32	9.3 ✓
156	+16°	4423 (2)	20	52.8	+16	35 (9)	9.5 ✓
157	+15°	4309	20	54.7	+15	26	9.5 ✓
158	Approx.	1855	20	58.2	+15	19	
159	Approx.	1855	20	58.0	+13	49	
160	Approx.	1855	22′	0.3	+13 (4)	0	
161	+12°	4562	21	3.8	+12	52	9.3 ✓
162	+13°	4632	21	~~+1~~ 3.8	+13	~~57~~ 0	9.4 (3) ✓

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Thursday, Oct. 1, 1914
MC 6444

	No	Int.	Class	Remark
	✓ 163	5	Ko	
	✓ 164	1	B	
	✓ 165	1	Ma	
12:38	✓ 166	1	dy	

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163 +12°	4553	21	1.5 +12	50	8.3 ✓
164 +14°	4543	21	0.9 +14	48	9.5 ✓
165 +13°	4601	20	55.4 +13	31	9.0 ✓
166 +13°	4593	20	52.4 +13	8	9.4 ✓

Idents. in book by J C M. April 15, 1915

Idents on cards by AMC. April 29, 1915

Identification compared by G.R.B. April 30, 1915

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Saturday, Oct. 10, 1914
MC 6449 a1

	No	Int.	Class	Remark
10:08	✓ 1	3	K0	
	✓ 2	3	A0	
	✓ 3	2	A5	
	✓ 4	5	F8	
	✓ 5	5	K2	
	✓ 6	5	K2	
	✓ 7	3	K2	
	✓ 8	1	K0	
	✓ 9	1	K0	
	✓ 10	3	G5	
	✓ 11	1	A2	another star sup. at south
	✓ 12	5	K0	
	✓ 13	4	A5	
	✓ 14	2	G5	
	✓ 15	2	F0	
	✓ 16	6	A0	
	✓ 17	4	A2	
	✓ 18	4	F2	
	✓ 19	1	G	another star sup. at south
	✓ 20	4	K2	
	✓ 21	4	K5	
	✓ 22	8	A0	
	✓ 23	5	K2	
	✓ 24	2	K0	
	✓ 25	1	K5	
	✓ 26	1	G	
	✓ 27	4	G5	

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1914phae.proj.2179C

1	+73°	236	4	19.6	+73	21	8.6	✓
2	+73°	235	4	18.2	+73	6	9.1	✓
3	+73°	233	4	15.8	+73	2	9.3	✓
4	+72°	224	4	15.0	+72	55	8.4	✓
5	+73°	232	4	13.7	+73	17	8.4	✓
6	+73°	231	4	12.9	+73	37	8.0	✓
7	+73°	229	4	11.2	+73	20	8.8	✓
8	+73°	227	4	10.7	+73	31	9.3	✓
9	+73°	228	4	11.1	+73	38	9.3	✓
10	+73°	230	4	11.8	+73	57	9.3	✓
11	+73°	226	4	8.6	+73	45	9.5	✓ Star sup. at South. not in DM.
12	+73°	224	4	7.3	+73	58	8.6	✓
13	+73°	222	4	6.3	+73	33	8.9	✓
14	+73°	223	4	6.6	+73	23	9.0	✓
15	approx.	1855	4	5.6	+73	15		
16	+73°	220	4	4.9	+73	13	8.8	✓
17	+73°	219	4	3.2	+73	34	8.9	✓
18	+73°	217	4	0.8	+73	18	9.0	✓
19	+73°	221	4	5.1	+73	45	9.4	✓
20	+74°	200	4	4.2	+74	1	8.8	✓
21	+74°	197	4	2.6	+74	18	8.9	✓
22	+74°	195	4	1.7	+74	15	8.0	✓
23	+74°	194	3 4	1.1	+74	16	8.2	✓
24	+74°	193	3	59.8	+74	5	9.2	✓
25	+74°	192	3	59.0	+74	15	9.5	✓
26	+74°	191	3	58.2	+74	3	9.5	✓
27	+73°	215	3	54.7	+73	58	8.3	✓

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1914phae.proj.2179C

Saturday, Oct. 10, 1914
NGC 6449

	No	Int.	Class	Remark
✓	28	6	a_3	
✓	29	2	a_2	
✓	30	2	g_5	
✓	31	9	K_0	
✓	32	9	K_0	
✓	33	3	K_2	
✓	34	9	F_5	
✓	35	1	g_5	
✓	36	1	g_0	
✓	37	1	K_0	
✓	38	2	K_0	
✓	39	2	a_0	
✓	40	5	K_0	
✓	41	3	K_0	
✓	42	3	g_5	
✓	43	1	g_5	
✓	44	7	K_2	
✓	45	1	K_0	
✓	46	1	K	
✓	47	2	a_2	
✓	48	1	g_5	another star sup. on following
✓	49	6	K_0	
✓	50	3	F_0	
✓	51	2	g_0	
✓	52	2	K_0	
✓	53	1	K_0	
✓	54	2	g_0	

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1914phae.proj.2179c

28	+74°	188	3	53.4	+74	16	8.4	✓
29	+74°	190	3	55.6	+74	30	9.5	✓
30	+74°	189	3	54.1	+74	28	9.5	✓
31	+74°	186	3	49.9	+74	14	6.4	✓
32	+73°	210	3	50.1	+73	34	6.4	✓
33	+73°	209	3	49.3	+73	20	8.8	✓
34	+73°	212	3	52.6	+73	10	6.5	✓
35	Approx.	1855	3	52.0	+73	20		
36	+73°	214	3	54.6	+73	22	9.5	✓
37	+73°	213	3	54.6	+73	49	9.5	✓
38	+73°	211	3	50.4	+73	49	9.5	✓
39	Approx.	1855	3	46.6	+73	28 (9)		
40	+73° (2°)	202	3	44.7	+72	54	8.3	✓
41	+73°	206	3	43.2	+73	7	9.0	✓
42	+73° (2°)	~~206~~ 200	3	~~43.2~~ 42.7°	+73 (2)	~~7~~ 56	~~9.0~~ 8.8	✓
43	+73°	205	3	41.6	+73	24	9.5	✓
44	+73°	204	3	39.8	+73	38	6.5	✓
45	+73°	207	3	43.2	+73	32	9.5	✓
46	Approx.	1855	3	42.9	+73	7	~~9.0~~	
47	+74°	179	3	41.8	+74	9	9.5	✓
48	+74°	175	3	38.3	+74	20	9.1	✓ Star out in on foll. side not in BM.
49	+74°	174	3	36.8	+74	14	7.2	✓
50	+73°	202	3	~~35.8~~ 36.5	+73	~~3~~ 6	9.3	✓
51	+73°	201	3	35.8	+73	3	9.3	✓
52	+72°	190	3	34.4	+72	56	9.0	✓
53	+72°	189	3	32.2	+72	59	9.2	✓
54	+73°	196	3	32.8	+73	17	9.4	✓

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1914phae.proj.2179C

Saturday, Oct. 10, 1914
MC 6449

No	Pht.	Class	Remark
✓ 55	4	L_0	
✓ 56	2	F_5	
✓ 57	1	L_5	
✓ 58	1	A_2	
✓ 59	2	L_0	
✓ 60	5	F_8	
✓ 61	1	L_5	
✓ 62	1	L_5	
✓ 63	1	K_2	
✓ 64	1	A_3	
✓ 65	5	A_2	
✓ 66	6	K_0	
✓ 67	5	F_0	
✓ 68	5	K_0	
✓ 69	1	K_2	
✓ 70	4	F_2	
✓ 71	3	L_0	
✓ 72	3	K_2	
✓ 73	3	A_0	
✓ 74	2	L_0	
✓ 75	2	A_0	
✓ 76	4	A_0	
✓ 77	2	K_0	
✓ 78	1	K_2	
✓ 79	6	A_0	
✓ 80	1	K_2	
✓ 81	6	A_2	

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56	+73°	199	3	34.1	+73	27	9.0 ✓
56	+73°	198	3	33.4	+73	26	9.5 ✓
57	+73°	197	3	32.8	+73	40	9.4 ✓
58	+73°	193	3	29.6	+73	47	9.4 ✓
59	+73°	194	3	29.7	+73	16	9.5 ✓
60	+72°	184	3	27.1	+72	56	8.2 ✓
61	+73°	192	3	26.3	+73	21	9.5 ✓
62	Approx.	1855	3	27.8	+73	16	
63	+73°	191	3	23.3	+73	41	9.0 ✓
64	Approx.	1855	3	24.1	+73	52	
65	+73°	190	3	22.6	+73	58	8.8 ✓
66	+74°	161	3	21.9	+74	16	7.5 ✓
67	+73°	237	4	20.1	+73	50	8.5 ✓
68	+74°	210	4	21.1	+74	10	7.8 ✓
69	+73°	234	4	16.6	+73	52	9.1 ✓
70	+74°	207	4	17.0	+74	37	9.0 ✓
71	+74°	206	4	15.3	+74	49	9.2 ✓
72	+74°	205	4	13.6	+74	57	8.8 ✓
73	+74°	203	4	11.5	+74	39	9.2 ✓
74	Approx.	1855	4	11.3	+74	~~39~~ 42	~~9.2~~
75	+74°	202	4	11.0	+74	56	9.4 ✓
76	+74°	201	4	10.8	+75	0	9.1 ✓
77	+75°	180	4	11.7	+75	16	9.2 ✓
78	+75°	178	4	8.1	+75	10	9.5 ✓
79	+75°	175	4	6.1	+75	7	8.5 ✓
80	+74°	198	4	3.6	+74	47	9.5 ✓
81	+74°	196	4	2.1	+74	51	8.5 ✓

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Saturday, Oct. 10, 1914
MC 6449

	No	Int.	Class	Remark
✓	82	1	K_2	
✓	83	3	F_5	
✓	84	5	F_2	
✓	85	1	Mb	
✓	86	1	b	
✓	87	1	A	
✓	88	2	K_0	
✓	89	9	F_5	
✓	90	3	A_0	
✓	91	2	A_3	
✓	92	2	b_5	
✓	93	2	K_0	Another star sup. n.f.
✓	94	2	K_0	Partly sup. on 95
✓	95	4	K_0	
✓	96	1	b_5	
✓	97	4	Ma	
✓	98	4	A_0	
✓	99	7	K_0	
✓	100	3	A_0	
✓	101	2	F?	K line not clearly seen
✓	102	1	K_5	
✓	103	4	F_5	
✓	104	5	F_5	
✓	105	2	A_0	Another star sup. at south
✓	106	4	F_0	
✓	107	1	K_5	
✓	108	2	A_2	

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1914phee.proj.2179c

82	+75°	172	4	2.2	+75	19	9.5	✓
83	+75°	169	3	58.8	+75	40	9.0	✓
84	+75°	167	3	56.7	+75	26	8.5	✓
85	+75°	163	3	54.1	+75	19	9.4	✓
86	Approx.	1855	3	53.8	+75	22		
87	Approx.	1855	3	44.7	+74	47		
88	+74°	185	3	49.6	+74	39	9.1	✓
89	+74°	184	3	49.5	+74	47	7.8	✓
90	+74°	181	3	46.6	+74	51	8.9	✓
91	+74°	182	3	47.2	+74	31	9.5	✓
92	+74°	180	3	45.1	+74	53	9.1	✓
93	Approx.	1856	3	43.6	+74	50		Star sup. n.f. not Dm.
94	+74°	178	3	41.6	+74	57	9.4	✓
95	+74°	177	3	41.4	+74	59	9.1	✓
96	+74°	176	3	40.3	+74	51	9.5	✓
97	+75°	151	3	37.0	+75	34	8.2	✓
98	+75°	149	3	31.9	+75	22	9.2	✓
99	+75°	147	3	31.4	+75	19	8.2	✓
100	+74°	173	3	33.1	+74	48	9.4	✓
101	+74°	172	3	29.4	+74	35	9.0	✓
102	+74°	169	3	28.4	+74	42	8.9	✓
103	+74°	167	3	28.1	+74	53	8.8	✓
104	+75°	144	3	27.1	+75	15	8.6	✓
105	+74°	171	3	~~29.0~~ 28.8	+74	~~54~~ 56	~~9.2~~ 9.5	✓ +74° 171 sup. 9.5
106	+75°	145	3	28.4	+75	37	9.0	✓
107	+75°	146	3	29.0	+75	42	9.0	✓
108	Approx.	1855	3	25.0	+75	25		

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1914phae.proj.2179C

Saturday, Oct. 10, 1914
MC 6449

	No	Int.	Class	Remark
✓	109	2	K0	
✓	110	3	F5	
✓	111	3	A0	
✓	112	4	K5	
✓	113	2	A0	
✓	114	2	A2	
✓	115	2	G0	
✓	116	5	K0	
✓	117	3	A2	
✓	118	9	M	
✓	119	1	G5	Another star sup. at south
✓	120	1	G5	
✓	121	1	K0	
✓	122	3	K2	Partly sup. on 123
✓	123	3	A5	
✓	124	5	K0	
✓	125	3	K0	
✓	126	4	K0	
✓	127	1	K0	
✓	128	2	K0	
✓	129	1	K5	
✓	130	10+	A	
✓	131	4	K2	
✓	132	2	K0	
✓	133	2	F8	
10:30	✓	134	1	K2
11:40	✓	135	4	G5 Partly sup. on 136

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1914phae.proj..2179C

109	+74°	164	3	23.9	+74	54	9.2 ✓
110	+74°	163	3	23.6	+74	49	9.0 ✓
111	+74°	166	3	24.6	+74	40	9.3 ✓
112	+74°	162	3	22.4	+74	48	7.9 ✓
113	Approx.	1855	3	22.3	+74	54	
114	+74°	160	3	21.0	+74	53	9.5 ✓
115	+74°	157	3	19.6	+74	46	9.5 ✓
116	+75°	141	3	19.5	+75	13	8.4 ✓
117	+75°	142	3	20.0	+75	28	9.2 ✓
118	+75°	143	3	22.1	+75	14	6.5 ✓
119	+75°	187	4	24.2	+75	30	9.4 ✓ Star sup. at Southf. not in D.M.
120	+75°	186	4	20.2	+75	28	9.5 ✓
121	Approx.	1855	4	15.0	+75	22	
122	+75°	184	4	15.0	+75	41	9.1 ✓
123	+75°	183	4	14.9	+75	44	9.1 ✓
124	+75°	182	4	13.9	+75	43	8.0 ✓
125	+76°	163	4	14.5	+76	5	9.2 ✓
126	+76°	162	4	8.8	+76	18	9.1 ✓
127	+75°	179	4	8.2	+75	58	9.4 ✓
128	+75°	177	4	7.7	+75	49	9.2 ✓
129	+75°	174	4	3.4	+75	34	9.1 ✓
130	+75°	173	4	2.4	+75	45	6.8 ✓
131	+76°	158	3 4	4.1	+76	14	8.8 ✓
132	+76°	156	3	57.7	+76	9	9.2 ✓
133	+76°	155	3	57.3	+76	20	9.5 ✓
134	+75°	168	3	57.5	+75	57	9.5 ✓
135	+75°	165	3	56.3	+75	53	8.7 ✓

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1914phae.proj.2179C

Saturday, Oct. 10, 1914
MC 6449

	No	Int.	Class	Remark
✓	136	5	g_5	Partly sup. on 135
✓	137	1	g_5	" " " 138
✓	138	1	g_5	" " " 137
✓	139	5	K_0	
✓	140	2	F_5	
✓	141	4	F_8	
✓	142	2	K_0	
✓	143	8	F_2	
✓	144	3	A_0	
✓	145	5	K_0	
✓	146	3	K_5	
✓	147	3	g_5	
✓	148	5	K_5	
✓	149	3	K_2	
✓	150	1	K_2	
✓	151	4	A_0	
✓	152	4	F_5	
✓	153	4	g_5	
✓	154	5	A_0	
✓	155	3	g_5	
✓	156	2	A_5	
✓	157	2	F_5	
✓	158	6	K_0	
✓	159	2	K_0	
✓	160	1	K_5	
✓	161	2	A_2	
✓	162	4	K_0	

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136	+75°	166	3	56.4	+75	55	8.5 ✓
137	+75°	162	3	53.8	+75	52	9.1 ✓
138							✓
139	+76°	151	3	52.5	+76	20	8.7 ✓
140	Approx.	1855	3	51.6	+76	16	
141	+76°	150	3	50.4	+76	3	9.0 ✓
142	+75°	161	3	49.2	+75	54	9.4 ✓
143	+75°	160	3	47.4	+75 6	0	7.5 ✓
144	+75°	159	3	46.7	+75	43	9.4 ✓
145	+75°	156	3	45.9	+75	43	8.0 ✓
146	+75°	155	3	45.4	+75	44	9.0 ✓
147	+75°	157	3	46.2	+75	57	9.4 ✓
148	+75°	154	3	42.7	+75	45	8.2 ✓
149	+75°	153	3	42.5	+75	56	8.8 ✓
150	+75°	158	3	46.4	+75	9	9.2 ✓
151	+76°	146	3	42.2	+76	16	9.4 ✓
152	+76°	144	3	41.0	+76	20	9.0 ✓
153	+76°	143	3	39.8	+76	22	8.9 ✓
154	+76°	141	3	37.8	+76	16	9.0 ✓
155	+76°	140	3	36.6	+76	26	9.0 ✓
156	+76°	139	3	35.8	+76	4	9.5 ✓
157	+76°	138	3	35.4	+76	0	9.4 ✓
158	+76°	137	3	34.0	+76	10	8.2 ✓
159	+76°	134	3	30.3	+76	19	9.2 ✓
160	+76°	136	3	32.6	+76	10	9.5 ✓
161	Approx.	1855	3	34.0	+76	34	
162	+76°	135	3	31.3	+76	42	8.9 ✓

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MC 6449

No	Int.	Class	Remark
163	1	K0	
164	2	K5	
165	3	g0	
166	9	A0	
167	3	A0	
168	2	F8	
169	1	F8	
170	1	K	
171	1	K	
172	3	A2	
173	8	F5	
174	2	M	
175	2	K0	
176	1	K2	
177	1	K0	
178	6	A3	
179	7	A2	
180	6	K0	
181	4	A0	
182	6	A2	
183	9	F5	
184	4	A0	
185	2	F5	
186	4	g5	
187	3	F8	
188	2	g0	
189	1	F5	

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163	+76°	132	3	29.8	+76	50	9.5 ✓
164	+76°	131	3	26.1	+76	26	9.1 ✓
165	+76°	129	3	25.2	+76	27	9.2 ✓
166	+76°	128	3	24.0	+76	41	7.5 ✓
167	Approx.	1855	3	20.0	+76	36	
168	+76°	130	3	25.6	+76	37	9.5 ✓
169	+76°	133	3	30.3	+76	1	9.4 ✓
170	Approx.	1855	3	39.6	+75	33	✓
171	+75°	152	3	39.6	+75	41	9.4 ✓
172	+76°	172	4	22.2	+76	12	9.2 ✓
173	+76°	169	4	20.7	+76	14	8.0 ✓
174	+76°	168	4	19.6	+76	8	9.0 ✓
175	+76°	164	4	17.7	+76	5	9.1 ✓
176	+75°	185	4	17.2	+75	51	9.4 ✓
177	Approx.	1855	4	17.2	+75	59	
178	+76°	166	4	19.5	+76	27	8.8 ✓
179	+76°	167	4	19.5	+76	38	8.6 ✓
180	+76°	165	4	18.9	+76	40	8.0 ✓
181	+76°	170	4	20.8	+76	40	9.4 ✓
182	+76°	173	4	25.2	+76	44	8.9 ✓
183	+76°	174	4	26.0	+76	19	6.3 ✓
184	+76°	153	3	53.5	+76	40	8.8 ✓
185	+76°	152	3	53.3	+76	29	9.4 ✓
186	+76°	149	3	50.2	+76	36	8.8 ✓
187	+76°	148	3	46.7	+76	29	9.5 ✓
188	+76°	145	3	41.0	+76	49	9.5 ✓
189	Approx.	1855	3	47.0	+76	32	

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Saturday, Oct. 10, 1914

MC 6449 •

	No	Int.	Class	Remark
✓	190	3	M1d	Hγ br.=10, Hδ=12 Var.
✓	191	1	ly5	
✓	192	v.	Ma	
✓	193	9.	Ko	
✓	194	1	ly5	
✓	195	2	ly5	
12:00 ✓	196	2	A	

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χ Camelop.	190	Pub. 1900		4	32.6	+74	56	✓
	191	+72°	206	3	55.3	+72	55	9.5 ✓
	192	+73°	216	3	59.2	+73	43	9.4 ✓
	193	+74°	168	3	28.4	+74	4	6.8 ✓
	194	Approx.	1855	3	49.7	+76	17	
	195	+76°	147	3	44.4	+76	42	9.5 ✓
	196	Approx.	1855	4	20.5	+74	33	

Ident. in book by J.C.M. April 16, 1915.
Ident on cards by Lunc. April 22, 1915
Identification compared by C.R.B. April 23, 1915

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Monday, Oct. 12, 1914

NC 6443 a3

	No	Int.	Class	Remark
9:45	1	2	g_0	
	2	6	F_0	
	3	5	a_5	
	4	2	g_{10}	
	5	1	K_2	
	6	6	a_0	
	7	4	F_5	
	8	7	K_0	
	9	4	F_5	
	10	2	K_0	
	11	2	Ma	
	12	4	K_0	
	13	1	g_5	
	14	2	g_5	
	15	3	g_0	
	16	4	F_5	
	17	2	F_5	
	18	1	F_8	
	19	2	F_5	
	20	5	F_0	
	21	3	F_8	
	22	2	g_0	
	23	2	K_2	
	24	1	K_2	
	25	1	K_5	
	26	2	g_0	
	27	1	K_2	

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1	+72°	952	20	26.6	+72	45	9.0 ✓
2	+72°	949	20	23.4	+72	41	7.9 ✓
3	+72°	950	20	23.4	+72	46	8.2 ✓
4	+73°	903	20	19.9	+73	10	9.2 ✓
5	+73°	902	20	15.1	+73	21	9.1 ✓
6	+73°	901	20	13.5	+73	32	8.5 ✓
7	+73°	900	20	11.4	+73	58	8.0 ✓
8	+73°	897	20	6.4	+73	29	6.7 ✓
9	+73°	896	20	6.4	+73	55	8.2 ✓
10	+73°	894	20	3.8	+73	50	8.3 ✓
11	+73°	898	20	7.0	+73	3	8.3 ✓
12	+73°	899	20	9.4	+73	4	8.3 ✓
13	+73°	893	20	1.0	+73	44	9.3 ✓
14	+73°	892	20	0.4	+73	55	9.3 ✓
15	+73°	891	20	0.2	+73	50	9.0 ✓
16	+73°	890	19	58.5	+73	14	8.5 ✓
17	+73°	888	19	57.2	+73	32	9.4 ✓
18	Approx.	1855	19	54.9	+73	14	
19	+73°	883	19	51.8	+73	47	9.2 ✓
20	+73°	882	19	51.0	+73	58	8.3 ✓
21	+73°	880	19	49.3	+73	59	8.9 ✓
22	+73°	881	19	50.4	+73	14	9.0 ✓
23	+72°	912	19	49.7	+72	57	8.5 ✓
24	+72°	916	19	51.4	+72	55	9.1 ✓
25	+73°	875	19	44.3	+73	14	9.4 ✓
26	+73°	874	19	44.2	+73	30	9.5 ✓
27	+73°	873	19	43.6	+73	34	9.4 ✓

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Monday, Oct. 12, 1914
MC 6443

	No	Int.	Class	Remark
v	28	5	A_0	
v	29	4	K_0	
v	30	8	K_0	
v	31	7	A_0	
v	32	4	K_2	
v	33	2	G_0	
v	34	1	K_2	
v	35	1	K_0	
v	36	6	F_2	
v	37	2	G_0	
v	38	1	G_5	
v	39	7	A_3	
v	40	2	G_5	
v	41	6	K_0	
v	42	2	F_8	
v	43	9	A_2	
v	44	4	F_5	
v	45	3	K_5	
v	46	1	G_5	
v	47	3	G_5	
v	48	2	G_0	
v	49	2	F_8	
v	50	2	K_0	
v	51	4	K_0	
v	52	1	G	
v	53	2	F_2	
v	54	3	F_8	

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28	+73°	872	19	39.8	+73	11	8.7 ✓
29	+74°	834	19	41.4	+74	3	8.8 ✓
30	+74°	831	19	38.2	+74	1	6.7 ✓
31	+73°	871	19	37.1	+73	58	8.7 ✓
32	+73°	865	19	34.7	+73	57	8.8 ✓
33	+73°	869	19	36.7	+73	46	9.4 ✓
34	+73°	866	19	35.1	+73	28	9.5 ✓
35	+73°	867	19	35.6	+73	20	9.1 ✓
36	+72°	904	19	37.8	+72	48	8.6 ✓
37	+73°	864	19	32.6	+73	1	8.9 ✓
38	Approx.	1855	19	32.1	+73	12	
39	+74°	828	19	34.6	+74	27	8.5 ✓
40	+74°	827	19	34.5	+74	35	9.4 ✓
41	+74°	830	19	37.8	+74	38	8.0 ✓
42	+74°	832	19	38.4	+74	40	9.3 ✓
43	+74°	829	19	36.7	+74	59	8.5 ✓
44	+75°	701	19	35.7	+75	21	8.9 ✓
45	+75°	702	19	36.9	+75	17	8.5 ✓
46	+75°	703	19	37.4	+75	28	9.5 ✓
47	+74°	835	19	42.0	+74	56	9.0 ✓
48	+74°	833	19	40.7	+74	26	9.2 ✓
49	+74°	836	19	42.9	+74	16	9.3 ✓
50	+74°	837	19	43.3	+74	23	9.1 ✓
51	+74°	839	19	47.2	+74	58	8.2 ✓
52	+74°	840	19	49.0	+74	0	9.2 ✓
53	+74°	841	19	50.2	+74	56	8.8 ✓
54	+75°	711	19	51.3	+75	29	8.5 ✓

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Monday, Oct. 12, 1914
MC 6443

No	Int.	Class	Remark
✓ 55	3	F5	
✓ 56	1	F5	Nearly all sup. on 55
✓ 57	3	G3	
✓ 58	5	K5	
✓ 59	2	F2	
✓ 60	1	F8	
✓ 61	3	F2	
✓ 62	4	G5	May be Comp. F5 may have been intended. Somewhat pec
✓ 63	1	Ma?	Very ft.
✓ 64	1	K	
✓ 65	3	Ma	
✓ 66	3	K0	
✓ 67	3	G5	
✓ 68	8	Ma	
✓ 69	5	F0	
✓ 70	1	K2	
✓ 71	2	K0	
✓ 72	1	G5	
✓ 73	1	K0	
✓ 74	4	F2	
✓ 75	1	G	
✓ 76	5	G0	
✓ 77	2	F8	
✓ 78	3	F8	
✓ 79	2	F8	
✓ 80	1	F5	
✓ 81	2	Ma	

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55	+75°	714	19	54.4	+75	1	8.5 ✓
56	+75°	714.5	19	54.4	+75	2	~~8.5~~ 9.3 ✓
57	+75°	717	19	58.8	+75	11	8.5 ✓
58	+75°	718	~~19~~ 20	0.4	+75	19	7.2 ✓
59	+75°	716	19	58.8	+75	30	9.1 ✓
60	+74°	844	19	59.2	+74	26	9.4 ✓
61	+74°	845	20	0.8	+74	28	8.5 ✓
62	+75°	721	20	7.4	+75	5	8.8 ✓
63	+75°	719	20	3.2	+75	3	9.4 ✓
64	Approx.	1855	20	3.0	+75	12	
65	+76°	766	20	0.2	+76	3	8.2 ✓
66	+76°	767	20	0.4	+76	18	9.0 ✓
67	+76°	770	20	3.2	+76	6	8.8 ✓
68	+76°	771	20	3.6	+76	4	6.0 ✓
69	+76°	769	20	2.8	+76	36	8.5 ✓
70	+76°	773	20	5.1	+76	34	9.2 ✓
71	+76°	774	20	5.6	+76	25	9.0 ✓
72	+76°	775	20	7.9	+76	31	9.5 ✓
73	+76°	776	20	10.2	+76	27	9.2 ✓
74	+76°	778	20	10.5	+76	12	9.1 ✓
75	+76°	777	20	10.3	+76	17	9.5 ✓
76	+75°	726	20	13.2	+75	49	8.0 ✓
77	Approx.	1855	20	14.0	+75	44	
78	+75°	723	20	11.2	+75	14	9.0 ✓
79	+75°	724	20	12.3	+75	10	9.2 ✓
80	+75°	727	20	14.4	+75	18	9.5 ✓
81	+74°	854	20	16.7	+74	58	7.8 ✓

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No	Mnt.	Class	Remark
✓ 82	2	K5	
✓ 83	4	a2	
✓ 84	3	a0	
✓ 85	4	K2	
✓ 86	5	a0	
✓ 87	5	a2	
✓ 88	3	F5	
✓ 89	1	F5	
✓ 90	3	B0	
✓ 91	2	g0	
✓ 92	2	K0	
✓ 93	3	a0	
✓ 94	4	a0	
✓ 95	4	g5	
✓ 96	3	K0	
✓ 97	2	a0	
✓ 98	2	g0	
✓ 99	1	a	
✓ 100	1	a	
✓ 101	1	g	
✓ 102	1	g5	
✓ 103	1	K0	
✓ 104	1	K	
✓ 105	2	g5	
✓ 106	2	K0	
✓ 107	2	F8	
✓ 108	2	F8	
~~109~~			

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82	+75°	730	20	19.2	+75	21	8.8 ✓
83	+75°	735	20	21.1	+75	18	8.5 ✓
84	+75°	737	20	23.1	+75	38	9.0 ✓
85	+75°	739	20	25.7	+75	34	7.3 ✓
86	+76°	799	20	27.8	+76	10	9.0 ✓
87	+76°	802	20	28.7	+76	2	8.5 ✓
88	+76°	805	20	31.8	+76	20	8.8 ✓
89	+75°	744	20	33.0	+75	59	9.2 ✓
90	+75°	742	20	30.5	+75	40	8.5 ✓
91	+75°	745	20	33.2	+75	35	9.1 ✓
92	+74°	859	20	25.0	+74	58	8.8 ✓
93	+74°	863	20	27.0	+74	38	8.7 ✓
94	+74°	870	20	31.9	+74	31	8.6 ✓
95	+74°	858	20	22.2	+74	7	8.3 ✓
96	+74°	853	20	16.0	+74	7	8.0 ✓
97	+74°	851	20	14.5	+74	19	9.4 ✓
98	+74°	852	20	15.0	+74	42	9.2 ✓
99	Approx.	1855	20	18.2	+74	55	
100	+74°	857	20	21.0	+74	55	9.3 ✓
101	+75°	733	20	20.6	+75	6	9.3 ✓
102	+74°	856	20	20.4	+74	47	9.5 ✓
103	+75°	732	20	20.6	+75	34	9.5 ✓
104	+75°	734	20	20.8	+75	42	9.4 ✓
105	+75°	736	20	21.9	+75	46	9.2 ✓
106	+75°	731	20	19.4	+75	48	9.1 ✓
107	+75°	729	20	17.8	+75	27	9.4 ✓
108	+76°	793	20	21.3	+76	12	9.5 ✓

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No	Int.	Class	Remark
✓ 109	5	A_3	
✓ 110	4	A_0	
✓ 111	2	K_2	
✓ 112	1	A_5	
✓ 113	1	K_2	
✓ 114	1	K_5	
✓ 115	3	K_5	
✓ 116	1	Pec	Hγ: bright = 10, Hβ = 50, Var?
✓ 117	3	A_3	
✓ 118	2	A_5	
✓ 119	1	A	Partly sup. on 118
✓ 120	2	K_2	
✓ 121	4	A_3	
✓ 122	1	A	
✓ 123	2	K_0	
✓ 124	5	A_2	
✓ 125	3	Ma	
✓ 126	3	F8	
✓ 127	2	F8	
✓ 128	2	F8	
✓ 129	5	K_0	
✓ 130	7	F8	
✓ 131	2	A_5	
✓ 132	1	K_0	
✓ 133	4	A_0	
✓ 134	3	F8	
✓ 135	9	K_0	

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1914phae.proj.2179C

109	+76°	790	20	19.6	+76	21	9.1 ✓
110	+76°	789	20	18.4	+76	16	9.1 ✓
111	+76°	791	20	20.1	+76	36	9.1 ✓
112	Approx.	1855	20	18.1	+76	26	
113	+76°	786	20	17.1	+76	30	9.5 ✓
114	Approx.	1855	20	16.8	+76	38	
115	+76°	785	20	15.2	+76	47	9.0 ✓
116	+76°	784	20	14.2	+76	44	8.8 ✓
117	+76°	783	20	13.9	+76	48	9.1 ✓
118	+76°	782	20	13.6	+76	23	9.3 ✓
119	+76°	781	20 +19	13.5	+76	26	9.2 ✓
120	+76°	763	19	59.3	+76	54	8.9 ✓ +76° 764 sup. 9.5
121	+76°	761	19	56.9	+76	56	9.0 ✓
122	Approx.	1855	19	57.2	+76	37	
123	+76°	759	19	54.2	+76	36	9.1 ✓
124	+76°	758	19	54.0	+76	53	9.0 ✓
125	+75°	713	19	54.0	+75	41	8.5 ✓
126	+75°	709	19	49.0	+75	47	9.1 ✓
127	+75°	707	19	47.3	+75	58	9.5 ✓
128	+76°	753	19	44.4	+76	3	9.4 ✓
129	+76°	750	19	43.5	+76	3	8.4 ✓
130	+76°	751	19	43.9	+76	12	8.5 ✓
131	+76°	755	19	46.3	+76	21	9.3 ✓
132	+76°	754	19	44.5	+76	40	9.2 ✓
133	+76°	752	19	44.2	+76	46	9.0 ✓
134	+76°	747	19	39.4	+76	38	9.1 ✓
135	+76°	744	19	37.8	+76	20	8.6 ✓

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1914phae.proj.2179C

Monday, Oct. 12, 1914
NC 6443

	No	Int.	Class	Remark
✓	136	4	g_0	
✓	137	2	a_2	
✓	138	2	a_0	
✓	139	4	g_0	
✓	140	1	K_2	
✓	141	1	g_5	
✓	142	1	K_5	
✓	143	3	η	0, 6, 10
✓	144	1	K_0	
✓	145	1	g_5	
10:20 ✓	146	2	~~F_8~~	
✓	147	1	K_2	
✓	148	1	g_5	
✓	149	1	F_5	

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136	+76°	745	19	38.3	+76	8	8.7 ✓
137	+75°	704	19	38.6	+75	51	9.4 ✓
138	+75°	706	19	43.1	+75	29	9.2 ✓
139	+76°	742	19	34.3	+76	25	8.7 ✓
140	+75°	700	19	32.0	+75	56	9.4 ✓
141	+76°	738	19	30.4	+76	17	9.4 ✓
142	+76°	737	19	28.6	+76	26	9.3 ✓
143	+76°	734	19	26.6	+76	17	6.5 ✓
144	+76°	735	19	27.2	+76	50	9.4 ✓
145	+76°	736	19	28.3	+76	50	9.5 ✓
146	+74°	826	19	30.6	+74	43	9.5 ✓
147	+74°	842	19	52.9	+74	24	9.5 ✓
148	+75°	720	20	7.0	+75	38	9.5 ✓
149	+75°	722	20	8.7	+75	57	9.5 ✓

Ident. in book by J.C.M. April 15, 1915

Ident. on cards by A.M.C. April 22, 1915

Identification compared by G.R.B. April 23, 1915

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1914phae.proj.2179C

Monday, Oct. 12, 1914

MC 6042 B9

		No	Mt.	Class	Remark
10128	✓	1	4	B5	
	✓	2	5	B5	
	✓	3	1	Ma	
	✓	4	4	A5	
	✓	5	6	F5	
	✓	6	3	A2	
	✓	7	3	B9	
	✓	8	10	A0	
	✓	9	1	K0	
	✓	10	1	A	
	✓	11	1	A	
	✓	12	5	A2	
	✓	13	3	A0	
	✓	14	1	F	
	✓	15	4	K0	
	✓	16	4	A5	
	✓	17	5	A0	Partly sup. on 18
	✓	18	5	A0	" " " 17
	✓	19	3	K0	
	✓	20	6	A0	
	✓	21	1	F5	
	✓	22	2	A2	
	✓	23	6	B9	
	✓	24	7	A0	
	✓	25	3	K2	
	✓	26	4	F8	
	✓	27	1	A2	

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10144phaeri.0503.24790C

1	+42°	4538	22	49.3	+42	48	7.5	Two stars on MC 6617 Only one stain'd. M.
2	+42°	4529	22	47.8	+42	46	7.8	
3	+42°	4527	22	47.1	+42	53	8.5	
4	+43°	4326	22	46.2	+43	1	8.0	
5	+43°	4341	22	49.3	+43	32	6.7	
6	+43°	4336	22	48.5	+43	41	8.6	
7	+43°	4333	22	47.6	+43	47	8.7	
8	+43°	4331	22	47.2	+43	59	6.0	
9	+43°	4329	22	46.6	+43	42	8.5	
10	+43°	4328	22	46.5	+43	25	9.5	
11	+43°	4330	22	47.2	+43	33	9.3	
12	+43°	4325	22	45.9	+43	31	8.0	
13	+43°	4321	22	44.6	+43	18	9.0	
14	+43°	4318	22	44.4	+43	41	9.2	
15	+44°	4251	22	44.4	+44	10	8.0	
16	+44°	4250	22	44.4	+44	22	8.8	
17	+44°	4254	22	45.1	+44	43	8.5	
18	+44°	4253	22	45.1	+44	44	8.3	
19	+44°	4249	22	44.3	+44	44	8.7	
20	+44°	4246	22	43.5	+44	39	8.2	
21	+44°	4244	22	43.3	+44	50	9.4	
22	+45°	4066	22	43.1	+45	1	9.2	
23	+45°	4065	22	43.0	+45	8	8.5	
24	+44°	4240	22	42.1	+44	38	8.0	+44° 4239 sup. 9.4
25	+44°	4234	22	41.5	+44	38	8.2	
26	+44°	4242	22	42.6	+44	18	8.6	+44° 4241 sup. 9.3
27	+44°	4247	22	43.5	+44	12	9.3	

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MC 6042

	No	Int.	Class	Remark
✓	28	1	K0	
✓	29	2	F8	
✓	30	5	B9	
✓	31	4	F2	
✓	32	3	A2	
✓	33	2	G5	
✓	34	1	A2	
✓	35	2	K0	
✓	36	2	K2	
✓	37	10	F2	
✓	38	1	A3	
✓	39	2	A0	
✓	40	6	B9	
✓	41	1	K	
✓	42	1	F8	
✓	43	2	A0	Another star sup. at violet end
✓	44	9	A0	
✓	45	4	A0	
✓	46	3	F8	
✓	47	3	A0	
✓	48	2	A2	
	49	3	A	Another star sup.?
✓	50	4	K2	
✓	51	2	G5	
✓	52	3	A0	
✓	53	7	F2	
10:38 ✓	54	2	K2	

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1914phae.proj.2179C

28	+43°	4310	22	42.2	+43	55	9.0	✓
29	+43°	4306	22	41.1	+43	48	9.1	✓
30	+44°	4232	22	40.6	+44	1	8.0	✓
31	+43°	4302	22	39.9	+43	6	8.0	✓
32	+42°	4493	22	38.9	+42	45	8.7	✓
33	+42°	4491	22	38.7	+42	55	9.2	✓
34	+43°	4297	22	38.6	+43	4	9.4	✓
35	+43°	4293	22	38.1	+43	17	9.0	✓
36	+43°	4299	22	39.1	+43	35	8.8	✓
37	+43°	4300	22	39.7	+43	47	6.0	✓
38	+43°	4308	22	41.9	+43	13	9.3	✓
39	+43°	4314	22	42.8	+43	5	9.3	✓
40	+43°	4315	22	43.0	+43	5	8.0	✓
41	+43 20°	4517	22	44.8	+42	51	9.0	✓
42	+43°	4317	22	44.3	+43	9	8.7	✓
43	+42°	4507	22	43.6	+42	45	9.0	✓ +42°4506 sup. 9.2
44	+44 30°	4298	22	39.0	+43 4	0	7.1	✓
45	+44°	4219	22	39.0	+44	6	8.9	✓
46	+44°	4217	22	38.7	+44	4	8.5	✓
47	+44°	4215	22	37.9	+44	15	9.1	✓
48	+44°	4216	22	38.2	+44	27	9.5	✓
49	+44°	4211	22	36.9	+44	28	9.4	✓ +44°4212 sup. 8.8
50	+44°	4209	22	36.9	+44	47	8.3	✓
51	+44°	4210	22	36.9	+44	59	9.0	✓
52	+45°	4035	22	37.5	+45	9	9.0	✓
53	+45°	4032	22	37.2	+45	16	6.8	✓
54	+46°	4041	22	38.5	+45	24	8.4	✓

Omit 49 sp. blended A.J.C.

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1914phae.proj.2179C

Tuesday Oct. 13, 1914
NC 6042

	No	Int.	Class	Remark
9:55	56	2	A_0	
	56	1	A_0	
	57	7	K_2	
	58	1	A_2	another star sup.?
	59	7	B_9	
	60	3	A_0	
	61	5	B_9	
	62	3	A_0	
	63	1	A_2	
	64	1	A	
	65	2	A_2	
	66	3	F_5	
	67	1	F_5	
	68	1	F_5	
	69	4	A_0	
	70	2	F_8	
	71	1	A	
	72	3	A_0	
	73	1	A	
	74	1	F_5	
	75	1	K_0	
	76	7	F_5	
	77	9	B_9	
	78	1	K_0	
	79	2	A_0	
	80	2	F_5	
	81	1	F_8	

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1914phae.proj.2179C

55	+45°	4042	22	38.7	+45	28	9.2 ✓
56	+45°	4045	22	39.4	+45	31	9.4 ✓
57	+45°	4047	22	40.0	+45	27	6.5 ✓
58	+45°	4048	22	40.3	+45	36	9.5 ✓ Only one star on MC 6617.
59	+45°	4051	22	41.1	+45	27	7.5 ✓
60	+45°	4058	22	41.8	+45	29	8.9 ✓
61	+45°	4057	22	41.6	+45	41	8.0 ✓
62	+45°	4062	22	42.4	+45	36	8.5 ✓
63	+45°	4061	22	42.1	+45	19	9.1 ✓
64	+45°	4059	22	42.0	+45	30	9.4 ✓
65	+45°	4060	22	420	+45	54	9.1 ✓
66	+45°	4054	22	41.3	+45	59	8.2 ✓
67	+44°	4218	22	38.8	+44	56	9.1 ✓
68	+45°	4044	22	39.0	+45	2	9.4 ✓
69	+44°	4224	22	39.6	+44	51	8.6 ✓
70	+44°	4228	22	39.8	+44	44	9.1 ✓
71	+44°	4229	22	39.9	+44	57	9.5 ✓
72	+44°	4231	22	40.4	+44	59	9.3 ✓
73	+44°	4220	22	39.3	+44	24	9.5 ✓
74	+45°	4050	22	40.8	+45	15	8.9 ✓
75	+45°	4069	22	43.5	+45	34	9.4 ✓
76	+45°	4074	22	45.5	+45	58	7.0 ✓
77	+45°	4078	22	46.4	+45	47	6.5 ✓
78	+46°	3857	22	46.1	+46	13	9.0 ✓
79	+46°	3863	22	46.7	+46	1	9.2 ✓
80	+45°	4081	22	47.6	+45	30	9.0 ✓
81	+45°	4082	22	47.8	+45	22	8.7 ✓

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MC 6042

No	Int.	Class	Remark
✓ 82	7	B9	
✓ 83	1	G5	
✓ 84	2	K0	
✓ 85	5	G5	
✓ 86	5	F8	
✓ 87	2	F8	
✓ 88	6	A2	
✓ 89	2	A2	
✓ 90	6	K0	
✓ 91	2	K0	
✓ 92	2	A0	
✓ 93	1	A	
✓ 94	4	G5	
✓ 95	2	A	
✓ 96	6	K0	
✓ 97	3	K5	
✓ 98	2	A0	
✓ 99	3	A3	
✓ 100	3	K0	
✓ 101	2	G5	
✓ 102	1	F5	
✓ 103	3	K0	
✓ 104	5	A0	
✓ 105	2	A0	
✓ 106	1	F5	
✓ 107	4	F5	
✓ 108	2	B9	

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1914phae.proj.2179C

82	+45°	4088	22	48.8	+45	36	7.8 ✓
83	+45°	4086	22	48.8	+45	42	8.7 ✓
84	+45°	4089	22	49.1	+45	53	8.5 ✓
85	+45°	4093	22	49.6	+45	55	8.0 ✓
86	+45°	4094	22	49.7	+45	1	8.4 ✓
87	+44°	4279	22	49.4	+44	47	9.1 ✓
88	+44°	4273	22	48.7	+44	49	8.2 ✓
89	+44°	4261	22	46.6	+44	40	9.4 ✓
90	+44°	4263	22	46.8	+44	55	8.1 ✓
91	+45°	4076	22	45.7	+45	2	8.9 ✓
92	+44°	4257	22	45.4	+44.5	0	9.2 ✓
93	+44°	4266	22	47.7	+44	25	9.4 ✓
94	+44°	4277	22	49.2	+44	4	8.3 ✓
95	+44°	4278	22	49.4	+44	18	9.4 ✓
96	+46°	3882	22	50.2	+46	36	7.8 ✓
97	+46°	3874	22	48.2	+46	31	8.0 ✓
98	+46°	3871	22	47.8	+46	10	9.4 ✓
99	+46°	3872	22	48.0	+46	37	8.8 ✓
100	+46°	3870	22	47.6	+46	45	8.2 ✓
101	+46°	3875	22	48.3	+46	48	8.6 ✓
102	+46°	3865	22	47.0	+46	38	9.4 ✓
103	+46°	3864	22	46.8	+46	36	8.3 ✓
104	+46°	3856	22	45.8	+46	48	8.4 ✓
105	+46°	3849	22	45.0	+46	46	9.1 ✓
106	+46°	3841	22	43.8	+46	47	9.0 ✓
107	+46°	3825	22	40.6	+46	25	8.2 ✓
108	+46°	3824	22	40.5	+46	22	9.1 ✓

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MC 6042

	No	Int	Class	Remark
✓	109	5	A2	
✓	110	4	Me	
✓	111	2	K2	
✓	112	8	K0	
✓	113	10	A0	
✓	114	8	B8	
✓	115	3	A0	
✓	116	3	A0	
✓	117	2	K5	
✓	118	2	A0	
✓	119	2	G5	
✓	120	2	A0	
✓	121	2	A3	
✓	122	3	A2	
✓	123	3	Mb	
✓	124	3	A0	
✓	125	2	K0	
✓	126	3	A0	
✓	127	3	G	Focus very poor
✓	128	3	K2	
✓	129	3	F8	
✓	130	4	A0	
✓	131	3	G5	
✓	132	4	A2	
✓	133	8	A2	
✓	134	1	K5	
✓	135	1	K2	

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1914phae.proj.2179C

109	+46°	3817	22	39.4	+46	24	8.1 ✓
110	+46°	3815	22	39.0	+46	27	7.7 ✓
111	+46°	3826	22	41.3	+46	53	8.0 ✓
112	+46°	3805	22	37.5	+46	39	6.8 ✓
113	+46°	3803	22	36.8	+46	24	6.5 ✓
114	+46°	3795	22	35.9	+46	18	8.1 ✓
115	+46°	3789	22	35.4	+46	16	8.8 ✓
116	+45°	4019	22	35.3	+45	42	8.7 ✓
117	+45°	4018	22	35.2	+45	33	8.1 ✓
118	+45°	4015	22	34.8	+45	25	9.1 ✓
119	+45°	4014	22	34.7	+45	27	8.7 ✓
120	+45°	4013	22	34.6	+45	45	8.7 ✓
121	+45°	4017	22	34.8	+45	53	8.9 ✓
122	+46°	3782	22	34.1	+46	17	9.1 ✓
123	+46°	3778	22	33.5	+46	18	8.2 ✓
124	+46°	3776	22	33.4	+46	22	9.0 ✓
125	+46°	3785	22	34.5	+46	32	8.8 ✓
126	+46°	3774	22	33.4	+46	44	8.7 ✓
127	+46°	3768	22	32.3	+46	33	8.5 ✓
128	+45°	4004	22	32.1	+45	58	8.0 ✓
129	+45°	4005	22	32.5	+45	47	8.8 ✓
130	+45°	4009	22	33.3	+45	18	8.5 ✓
131	+44°	4193	22	33.6	+44	50	8.5 ✓
132	+44°	4189	22	33.0	+44	34	8.8 ✓
133	+44°	4197	22	34.8	+44	15	7.3 ✓
134	+44°	4200	22	35.3	+44	26	8.7 ✓
135	+44°	4203	22	36.1	+44	21	9.2 ✓

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MC 6042

No	Int.	Class	Remark
✓ 136	1	B9	
✓ 137	1	A2	
✓ 137a	1	F5	
✓ 138	4	F0	Line K slightly faint
✓ 139	2	A3	
✓ 140	4	B0	Perhaps Oe5 Almost cont.
✓ 141	6	K0	
✓ 142	2	A2	
✓ 143	1	A	
✓ 144	1	A	Partly sup. on 143
✓ 145	3	K0	
✓ 146	3	G0	Another star sup.
✓ 147	7	G0	
✓ 148	2	A5	
✓ 149	1	K5	
✓ 150	2	A0	
✓ 151	2	K0	
✓ 152	1	K5	
✓ 153	9	A0	
✓ 154	7	F8	
✓ 155	3	K0	
✓ 156	9	F8	
✓ 157	5	K0	
✓ 158	8	F8	
✓ 159	7	K0	
✓ 160	8	A0	
✓ 161	2	K5	
✓ 162	4	A3	

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1914phae.proj..2179C

136	+44°	4202	22	36.1	+44	46	9.3 ✓
137	+45°	4030	22	36.4	+45	16	9.5 ✓
137a	+45°	4038	22	38.0	+45	36	9.2 ✓
138	+45°	4037	22	37.9	+45	52	8.2 ✓
139	+45°	4043	22	38.9	+45	56	9.2 ✓
140	+43°	4279	22	36.6	+43	58	8.6 ✓
141	+43°	4288	22	37.3	+43	46	7.5 ✓
142	+43°	4290	22	37.5	+43	36	9.2 ✓
143	+43°	4284	22	37.0	+43	28	9.5 ✓
144	+43°	4283	22	37.0	+43	24	9.5 ✓
145	+43°	4289	22	37.4	+43	6	8.4 ✓
146	+43°	4276	22	36.2	+43	16	8.8 ✓ +43° 4278 sup. 9.5
147	+43°	4269	22	35.2	+43	41	8.2 ✓
148	+44°	4268	22	34.8	+43	52	9.2 ✓
149	+44°	4195	22	34.3	+44	7	9.3 ✓
150	+44°	4192	22	33.5	+44	7	9.3 ✓
151	+43°	4262	22	33.2	+43	57	8.8 ✓
152	+43°	4261	22	33.0	+43	54	9.1 ✓
153	+43°	4258	22	32.3	+43	55	7.0 ✓
154	+43°	4260	22	32.4	+43	34	6.7 ✓
155	+43°	4257	22	31.9	+43	46	8.2 ~~9.0~~ ✓
156	+44°	4185	22	32.0	+44	26	6.8 ✓
157	+44°	4183	22	31.5	+44	39	7.3 ✓
158	+45°	4002	22	32.0	+45	5	7.0 ✓
159	+44°	4172	22	29.0	+44	25	7.0 ✓
160	+44°	4169	22	28.4	+44	15	7.0 ✓
161	+43°	4239	22	29.3	+44	0	8.4 ✓
162	+42°	4458	22	30.9	+42	56	8.9 ✓

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1914phae.proj.2179C

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NC 6042

	No	Fnt	Class	Remark
✓	163	6	K0	
✓	164	3	B9	
✓	165	6	B8	
✓	166	3	A3	
✓	167	2	K5	
✓	168	7	A3	
✓	169	4	A5	
✓	170	2	K5	
✓	171	9	A0	
✓	172	3	A2	
✓	173	8	A0	
✓	174	3	F5	
✓	175	4	B8	
✓	176	3	K0	
✓	177	5	A0	
✓	178	2	A0	
✓	179	2	K0	
✓	180	1	K0	
✓	181	1	K0	
✓	182	1	K5	
✓	183	2	B9	
10:22	✓	184	2	A3
		185		
		186		
		187		

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1914phae.proj.2179C

163	+42°	4456	22	30.7	+42	49	8.1 ✓
164	+42°	4451	22	29.6	+42	55	9.3 ✓ This star is certainly north, not south of 166.
165	+42°	4447	22	29.0	+42	56	7.9 ✓
166	+42°	4445	22	28.0	+42	56	8.7 ✓
167	+42°	4441	22	27.4	+42	44	7.8 ✓
168	+45°	3981	22	27.2	+45	22	7.9 ✓
169	+45°	3978	22	26.8	+45	10	8.0 ✓
170	+45°	3985	22	27.9	+45	10	8.7 ✓
171	+45°	3983	22	27.5	+45	49	7.0 ✓
172	+46°	3736	22	27.3	+46	7	8.8 ✓
173	+46°	3747	22	28.6	+46	46	8.3 ✓
174	+46°	3754	22	29.7	+46	28	8.9 ✓
175	+46°	3755	22	29.8	+46	51	8.5 ✓
176	+46°	3753	22	29.6	+46	2	8.6 ✓
177	+45°	3993	22	30.0	+45	46	8.3 ✓
178	+45°	3992	22	29.9	+45	33	9.1 ✓
179	+45°	3996	22	30.5	+45	29	8.5 ✓
180	+45°	3998	22	30.8	+45	12	9.0 ✓
181	+44°	4179	22	30.1	+44	49	8.7 ✓
182	+44°	4178	22	30.0	+44	42	8.7 ✓
183	+44°	4174	22	29.5	+44	41	9.3 ✓
184	+43°	4243	22	30.0	+43	42	9.4 ✓

185 Identif. in book by J.C.M. April 17, 1915.

~~186~~ Identif. on cards by Jane. April 27, 1915

~~187~~ Identification compared by G.R.B. April 28, 1915

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Monday, Oct. 19, 1914. (Cont. from P. 20)

MC 5557

No	Int.	Class	Remark
✓ 78	2	h_5	
✓ 79	1	h_5	
✓ 80	1	h_5	
✓ 81	1	h_5	
✓ 82	1	K_0	
✓ 83	1	K_0	

84 4. Ar

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78	+13°	2614	12	53.3	+13	31	9.3
79	+13°	2616	12	53.5	+13	36	9.3
80	+14°	2570	12	55.5	+14	47	9.3
81	Approx.	1855	12	58.5	+14	25	
82	+13°	2637	13	1.9	+13	24	9.5
83	+16°	2480	13	6.5	+16	16	9.5

Idents. in book by J.C.M. April 15, 1915
Ideas on cards by A.M.C. June 4, 1915
Compared by M.A.H. July 9, 1915

8K +13° 2653

20 m 37592

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Tuesday, Oct. 20, 1914
NC 6040

	No	Mnt.	Class	Remark
9:45	1	4	Ma	
	2	3	K0	
	3	2	K5	
	4	1	K0	
	5	3	F8	
	6	6	F5	
	7	3	K5	
	8	2	K2	
	9	7	K0	Strong line near H8 towards red
	10	1	K5	
	11	4	K5	
	12	6	K5	
	13	7	G2	
	14	2	K	
	15	1	K5	
	16	3	K0	
	17	3	F8	Partly sup. on 18
	18	4	G5	
	19	4	F0	
	20	6	K0	
	21	3	F8	
	22	4	G2	
	23	3	K5	
	24	1	K	Partly sup. on 23
	25	1	K	
	26	1	K5	
	27	3	K0	

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1	+43°	2763	17	30.2	+43	37	8.0	✓
2	+43°	2760	17	29.7	+43	37	8.3	✓
3	+43°	2762	17	29.9	+43	45	9.1	✓
4	+43°	2759	17	29.5	+43	45	9.3	✓
5	+43°	2755	17	28.6	+43	39	9.5	✓
6	+43°	2754	17	28.0	+43	20	8.5	✓
7	+43°	2753	17	27.8	+43	32	9.0	✓
8	+43°	2751	17	27.5	+43	23	8.7	✓
9	+43°	2748	17	26.8	+43	28	9.5	✓
10	+43°	2746	17	26.3	+43	45	9.1	✓
11	+43°	2742	17	25.6	+43	49	8.3	✓
12	+43°	2740	17	24.9	+43	35	7.8	✓
13	+43°	2743	17	25.7	+43	26	7.8	✓
14	+43°	2744	17	25.8	+43	16	9.3	✓
15	+43°	2737	17	23.5	+43	22	9.3	✓
16	+43°	2738	17	23.6	+43	56	9.2	✓
17	+44°	2716	17	24.0	+44	4	9.0	✓
18	+44°	2715	17	24.0	+44	8	9.0	✓
19	+44°	2718	17	24.5	+44	22	9.1	✓
20	+44°	2721	17	25.8	+44	38	8.3	✓
21	+44°	2724	17	26.0	+44	36	9.0	✓
22	+44°	2725	17	26.4	+44	19	8.6	✓
23	+44°	2722	17	25.9	+44	6	9.1	✓
24								✓
25	+44°	2723	17	26.0	+44	14	9.3	✓
26	Approx.	1855	17	26.7	+44	13		
27	+44°	2728	17	28.8	+44	30	9.3	✓

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Tuesday, Oct. 20, 1914
NGC 6040

No	Int.	Class	Remark
28	3	F_8	
29	3	G_2	
30	7	F_0	
31	6	K_0	
32	3	K_0	
33	1	G	
34	4	G_5	
35	1	K_0	
36	6	G_5	
37	2	G_5	
38	6	F_8	
39	3	K_0	
40	5	K_0	
41	7	K_0	
42	1	G_0	
43	1	G_5	
44	4	G_0	
45	1	F_8	
46	1	K_0	
47	2	K_0	
48	3	K_2	
49	3	F_8	
50	3	G_0	
51	3	K_0	
52	3	G_5	
53	3	F_2	
54	3	G_0	

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28	+44°	2729	17	29.7	+44	35	9.1
29	+44°	2731	17	30.1	+44	4	9.2
30	+45°	2555	17	29.5	+45	25	7.6
31	+45°	2553	17	29.4	+45	41	8.0
32	+45°	2554	17	29.4	+45	55	8.8
33	+45°	2551	17	29.3	+45	56	9.2
34	+45°	2550	17	28.7	+45	57	9.0
35	+45°	2548	17	28.1	+45	49	9.3
36	+45°	2547	17	27.9	+45	26	8.3
37	+45°	2549	17	28.1	+45	21	9.1
38	+45°	2545	17	27.1	+45	45	8.8
39	+45°	2544	17	26.9	+45	44	9.0
40	+45°	2542	17	26.6	+45	41	8.4
41	+45°	2540	17	26.1	+45	46	8.0
42	+45°	2543	17	26.8	+45	30	9.2
43	+45°	2539	17	25.1	+45	24	9.5
44	+44°	2717	17	24.0	+44	56	9.2
45	+44°	2714	17	23.9	+44	46	9.4
46	+44°	2713	17	23.8	+44	29	9.3
47	+44°	2709	17	22.7	+44	38	9.3
48	+44°	2708	17	22.7	+44	5	8.6
49	+43°	2734	17	21.6	+43	26	9.2
50	+43°	2732	17	21.0	+43	26	9.5
51	+43°	2736	17	22.1	+43	4	9.0
52	+43°	2730	17	20.5	+43	13	9.2
53	+43°	2729	17	20.4	+43	24	9.3
54	+43°	2728	17	20.2	+43	34	9.3

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Tuesday, Oct. 20, 1914
MC 6040

	No	Fnt.	Class	Remark
✓	55	3	K0	
✓	56	7	F5	
✓	57	4	K2	
✓	58	3	G5	
✓	59	3	G0	
✓	60	1	K0	
✓	61	3	G0	
✓	62	1	G0	
✓	63	4	G5	
✓	64	1	K0	
✓	65	7	F5	
✓	66	4	K0	
✓	67	1	K0	
✓	68	4	K0	
✓	69	2	G	
✓	70	1	G5	
✓	71	2	G	
✓	72	7	K0	
✓	73	3	G0	
✓	74	3	G5	
✓	75	3	G5	
✓	76	4	K0	
✓	77	4	A2	
✓	78	8	F0	
✓	79	4	G5	
✓	80	1	K0	
✓	81	2	K0	

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55	+43°	2726	17	19.3	+43	8	9.1 ✓
56	+43°	2725	17	19.1	+43	3	8.5 ✓
57	+43°	2724	17	19.0	+43	7	8.7 ✓
58	+43°	2722	17	18.4	+43	3	9.3 ~~8.0~~ ✓
59	+43°	2720	17	17.4	+43	1	9.4 ✓
60	+43°	2719	17	16.7	+43	26	9.4 ✓
61	+43°	2721	17	17.6	+43	20	9.4 ✓
62	+43°	3723	17	18.9	+43	34	9.5 ✓
63	+44°	2700	17	19.1	+44	2	9.1 ✓
64	+44°	2702	17	19.6	+44	18	9.5 ✓
65	+44°	2703	17	20.3	+44	26	8.5 ✓
66	+44°	2705	17	20.5	+44	23	9.0 ✓
67	+44°	2707	17	21.1	+44	52	9.4 ✓
68	+45°	2535	17	22.3	+45	7	8.7 ✓
69	+45°	2534	17	21.5	+45	31	9.5 ✓
70	Approx.	1855	17	21.4	+45	33	
71	Approx.	1855	17	21.1	+45	32	
72	+45°	2531	17	20.5	+45	28	8.0 ✓
73	+45°	2530	17	20.4	+45	38	9.2 ✓
74	+45°	2532	17	20.5	+45	51	9.0 ✓
75	+45°	2533	17	21.1	+45	51	9.3 ✓
76	+45°	2536	17	23.2	+45	54	8.7 ✓
77	+46°	2315	17	23.9	+46	9	9.3 ✓
78	+46°	2318	17	24.2	+46	11	8.0 ✓
79	+46°	2320	17	24.4	+46	4	8.9 ✓
80	+45°	2537	17	24.4	+45	36	9.2 ✓
81	+46°	2321	17	25.1	+46	14	9.4 ✓

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1914phae.proj.2179C

Tuesday, Oct. 20, 1914
NC 6040

No	Int.	Class	Remark
✓ 82	2	F8	
✓ 83	2	G5	
✓ 84	8	F5	
✓ 85	2	F5	
✓ 86	2	K0	
✓ 87	3	F8	
✓ 88	5	F8	
✓ 89	8	K2	
✓ 90	4	K0	
✓ 91	2	B5	Focus poor
✓ 92	6	K0	
✓ 93	1	K0	
✓ 94	2	G5	
✓ 95	2	K0	
✓ 96	7	F0	
✓ 97	2	G	
✓ 98	7	G0	
✓ 99	1	G	
✓ 100	3	K0	
✓ 101	2	K0	
✓ 102	3	G5	
✓ 103	6	K0	
✓ 104	2	G0	
✓ 105	2	G5	
✓ 106	6	K0	
✓ 107	2	G5	
✓ 108	4	K	Partly sup. on 109

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82	+46°	2324	17	25.3	+46	22	9.4 ✓
83	+46°	2323	17	25.2	+46	26	9.4 ✓
84	+46°	2325	17	25.5	+46	28	8.4 ✓
85	+46°	2326	17	25.9	+46	27	9.2 ✓
86	+46°	2327	17	26.6	+46	26	9.2 ✓
87	Approx.	1855	17	27.0	+46	24	
88	+46°	2330	17	27.0	+46	6	9.0 ✓
89	+46°	2331	17	28.2	+46	26	7.0 ✓
90	+46°	2332	17	28.2	+46	44	8.5 ✓
91	+46°	2333	17	28.7	+46	39	9.4 ✓
92	+47°	2501	17	30.4	+47	2	8.2 ✓
93	+46°	2335	17	30.5	+46	25	9.3 ✓
94	+46°	2328	17	26.7	+46	56	9.2 ✓
95	+46°	2322	17	25.2	+46	39	9.4 ✓
96	+46°	2314	17	23.7	+46	32	8.7 ✓
97	+46°	2316	17	23.9	+46	24	9.5 ✓
98	+46°	2313	17	23.0	+46	24	8.0 ✓
99	Approx.	1855	17	24.5	+46	58	
100	+47°	2485	17	23.3	+47	0	9.0 ✓
101	+47°	2484	17	23.0	+47	3	9.2 ✓
102	+46°	2311	17	22.3	+46	54	8.9 ✓
103	+46°	2310	17	22.2	+46	59	7.8 ✓
104	+46°	2309	17	22.0	+46	38	9.5 ✓
105	+46°	2307	17	21.3	+46	25	9.5 ✓
106	+46°	2305	17	20.7	+46	35	8.0 ✓
107	+46°	2306	17	20.8	+46	59	8.9 ✓
108	+46°	2303	17	19.9	+46	51	8.6 ✓

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1914phae.proj.2179C

Tuesday, Oct. 20, 1914
MC 60 40

No	Int.	Class	Remark
✓ 109	3	g_5	
✓ 110	2	g_5	
✓ 111	5	K_0	
✓ 112	3	K_0	
✓ 113	4	g_5	
✓ 114	3	g_0	
✓ 115	3	g_0	
✓ 116	2	K_5	
✓ 117	1	F_5	
✓ 118	2	g_5	
✓ 119	2	K_0	
✓ 120	3	g_0	
✓ 121	7	K_0	
✓ 122	4	K_2	
✓ 123	10+	F	
✓ 124	7	A_0	
✓ 125	2	F_8	
✓ 126	4.5	B_2	
✓ 127	1	K_5	
✓ 128	8	K_0	
✓ 129	1	g	
✓ 130	2	K_0	
✓ 131	2	A_5	
✓ 132	2	K_0	
✓ 133	4	g_0	
✓ 134	6	B_2	K line faint. Comp.?
✓ 135	5	F_8	

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1914phas.proj.21706

109	+46°	2304	17	19.9	+46	55	9.3 ✓
110	+47°	2473	17	20.2	+47	2	9.3 ✓
111	+47°	2470	17	19.8	+47	10	7.7 ✓
112	+46°	2300	17	18.9	+46	50	8.7 ✓
113	+47°	2465	17	18.7	+47	3	8.8 ✓
114	+46°	2301	17	19.4	+46	39	9.0 ✓
115	+46°	2298	17	18.3	+46	26	9.0 ✓
116	+46°	2302	17	19.5	+46	7	9.1 ✓
117	+45°	2529	17	18.9	+45	44	9.5 ✓
118	+45°	2527	17	18.2	+45	36	9.3 ✓
119	+45°	2526	17	18.1	+45	38	9.2 ✓
120	+46°	2297	17	17.8	+46	19	9.0 ✓
121	+46°	2295	17	17.1	+46	16	7.3 ✓
122	+46°	2294	17	16.6	+46	4	8.2 ✓
123	+45°	2521	17	15.7	+45	26	6.5 ✓
124	+45°	2524	17	16.9	+45	7	8.0 ✓
125	+44°	2697	17	16.6	+44	36	9.1 ✓
126	+44°	2692	17	15.5	+44	42	8.3 ✓
127	+44°	2696	17	16.5	+44	24	9.2 ✓
128	+44°	2695	17	16.2	+44	21	6.5 ✓
129	+44°	2698	17	16.7	+44	11	9.4 ✓
130	+44°	2699	17	17.4	+44	4	9.0 ✓
131	+44°	2701	17	19.2	+44	46	9.4 ✓
132	+43°	2718	17	15.8	+43	53	9.1 ✓
133	+44°	2694	17	15.9	+44	6	9.1 ✓
134	+44°	2690	17	14.6	+44	17	8.7 ✓
135	+44°	2688	17	14.3	+44	24	8.9 ✓

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Tuesday, Oct. 20, 1914
MC 6040

No	Int.	Class	Remark
v	1367	F8	
v	1374	M1	
v	1385	K0	
v	1391	K0	
v	1403	G5	
v	1417	Neb.	No bright lines
v	1423	G0	
v	1432	F8	
v	1443	G	Image defective
v	1454	K0	
v	1462	G	
v	1475	A3	
v	1482	G5	
v	1494	F8	
v	1508	G0	
v	1516	F8	
v	1523	G5	
v	1531	K0	
v	1541	K0	
v	1552	K0	
v	1563	G5	
v	1576	M1	
v	1582	K0	
v	1597	A0	
v	1602	G5	Partly sup. on 159
v	1613	F8	
v	1622	G0	

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1914phae.proj.2179C

136	+44°	2684	17	13.0	+44	38	8.3 ✓
137	+43°	2716	17	14.3	+43	46	8.7 ✓
138	+43°	2715	17	14.0	+43	28	8.5 ✓
139	+43°	2713	17	13.5	+43	23	9.4 ✓
140	+43°	2712	17	13.2	+43	18	9.0 ✓
141	+43°	2711	17	12.7	+43	17	neb. ✓
142	+43°	2714	17	13.8	+43	2	9.2 ✓
143	+43°	2709	17	11.8	+43	44	9.3 ✓
144	+43°	2710	17	11.9	+43	56	9.3 ✓
145	+43°	2707	17	10.9	+43	52	9.1 ✓
146	Approx.	1855	17	11.1	+43	50	9.3
147	+43°	2706	17	10.1	+43	41	8.8 ✓
148	+43°	2708	17	11.2	+43	50	9.3 ✓
149	+43°	2704	17	8.3	+43	57	9.0 ✓
150	+43°	2702	17	8.0	+43	54	6.8 ✓
151	+44°	2670	17	7.3	+44	8	8.5 ✓
152	+44°	2668	17	6.9	+44	2	9.0 ✓
153	+44°	2669	17	7.1	+44	21	9.0 ✓
154	+44°	2667	17	6.8	+44	41	9.4 ✓
155	+44°	2671	17	8.0	+44	46	9.0 ✓
156	+44°	2674	17	8.6	+44	47	9.1 ✓
157	+45°	2511	17	10.3	+45	21	8.0 ✓
158	+44°	2678	17	11.1	+44	48	8.7 ✓
159	+44°	2681	17	12.0	+44	54	8.0 ✓
160	+45°	2513	17	12.0	+45	1	8.8 ✓
161	+44°	2680	17	11.8	+44	37	9.1 ✓
162	Approx.	1855	17	11.9	+44	25	

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1914phae.proj.2179C

Tuesday, Oct. 20, 1914
MC 6040

No	Mt.	Class	Remark
✓	163 3	K0	
✓	164 4	K0	
✓	165 5	K0	
✓	166 3	K0	
✓	167 1	g	faint star prob. same class partly sup.
✓	168 5	F8	
✓	169 8	A2	
✓	170 4	F8	another star sup.?
✓	171 4	F5	
✓	172 4	K0	
✓	173 8	A0	
✓	174 2	g	
✓	175 7	F0	
✓	176 4	F8	
✓	177 7	g5	
✓	178 5	K0	
✓	179 4	K0	
✓	180 2	g0	
✓	181 4	F2	
✓	182 2	g	Partly sup. on 181
✓	183 3	K0	
✓	184 2	K2	
✓	185 2	K0	
✓	186 1	K0	
✓	187 5	F5	
✓	188 10	B	
✓	189 4	g0	

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1914phae.proj.21790

163	+44°	2682	17	12.3	+44	28	9.1	✓
164	+44°	2685	17	13.2	+44	40	8.7	✓
165	+44°	2687	17	13.3	+44	46	8.5	✓
166	+44°	2685	17	13.2	+44	44	8.5	✓
167	+45°	2518	17	13.5	+45	32	9.3	✓ Star sup. on pre. side not in DM.
168	+45°	2519	17	13.5	+45	45	8.6	✓
169	+45°	2517	17	13.3	+45	50	8.6	✓
170	+45°	2516	17	13.0	+45	50	8.5	✓ Only one star on MC 6175.
171	+45°	2515	17	12.8	+45	42	9.2	✓
172	+45°	2514	17	12.2	+45	57	8.4	✓
173	+46°	2283	17	11.0	+46	10	8.1	✓ +46° 2284 sup. 9.3
174	+46°	2285	17	11.3	+46	20	9.5	✓
175	+46°	2286	17	12.3	+46	53	8.2	✓
176	+46°	2287	17	13.1	+46	45	8.8	✓
177	+46°	2288	17	13.2	+46	58	7.8	✓
178	+46°	2290	17	14.8	+46	38	8.1	✓
179	+46°	2291	17	16.0	+46	53	8.8	✓
180	+46°	2292	17	16.2	+46	47	9.5	✓
181	+47°	2459	17	16.3	+47	6	9.2	✓
182	+47°	2457	17	16.2	+47	2	9.4	✓
183	+46°	2289	17	14.2	+46	8	8.9	✓
184	+45°	2523	17	16.1	+45	8	9.1	✓
185	+44°	2693	17	15.8	+45	0	9.5	✓
186	Approx.	1855	17	16.0	+ 44	59		
187	+45°	2510	17	10.1	+45	50	8.8	✓
188	+45°	2509	17	9.3	+45	33	7.2	✓
189	+45°	2506	17	8.1	+45	30	8.5	✓

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1914phae.proj.2179C

Tuesday, Oct. 20, 1914
NC 6040

	No	Mnt.	Class	Remark
✓	190	9	K5	
✓	191	5	[illegible]5	
✓	192	3	[illegible]5	
✓	193	4	[illegible]0	
✓	194	2	[illegible]5	Another star sup. at red end.
✓	195	2	[illegible]5	" " " at red ?
✓	196	4	[illegible]0	
✓	197	3	[illegible]5	
✓	198	4	[illegible]	
✓	199	1	[illegible]5	
✓	200	1	[illegible]0	" " "
✓	201	1	K0	
10:29 ✓	202	2	[illegible]	
✓	203	10	K2	

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190	+45°	2504	17	7.5	+45	31	6.3 ✓	
191	+46°	2275	17	7.1	+46	10	8.4 ✓	
192	+45°	2505	17	7.9	+45	55	9.2 ✓	
193	+46°	2277	17	8.2	+46	43	8.9 ✓	
194	+46°	2280	17	8.5	+46	2	9.5 ✓	+45° 2507 sup. 9.5
195	+46°	2282	17	9.8	+46	8	9.4 ✓	
196	+47°	2444	17	10.6	+47	2	8.7 ✓	
197	+47°	2445	17	11.2	+47	1	9.3 ✓	Star sup. m.f. not in DM!
198	+46°	2276	17	7.6	+46	52	8.9 ✓	
199	Approx.	1855	17	27.1	+45	15		
200	Approx.	1855	17	23.4	+45	59		
201	+44°	2720	17	25.4	+44	54	9.5 ✓	
202	+44°	2719	17	25.3	+44	48	9.5 ✓	
203	+46°	2293	17	16.3	+46	22	5.5 ✓	

Ident. in book by J & M. April 20, 1915

Ident. on cards by A.M.C. April 26, 1915

Identification compared by G.R.B. April 27, 1915

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Wednesday, Oct. 21, 1914

MC 6447 Pleiades

	No	Int.	Class	Remark	I 35883, Pl. 140, 142
10:30	✓1	1	K_2	E	K_2
	✓2	2	A	E . Name Gd. Cmiss in 26299	F5?
	✓3	2	G	E	G_0
	✓4	3	G	E	G_5
	✓5	2	G5	E	K_0
	✓6	3	F8		G_5
	✓7	4	F8		G_0
	✓8	2	K0		K_0
	✓9	4	F8		G_0
	✓10	6	G0		G_5
	✓11	1	A0		A
	✓12	6	A0		A0
	✓13	2	F5		G_0
	✓14	1	K0		K_0
	✓15	4	K0		K_2
	✓16	7	B9		A
	✓17	1	F5	Focus poor	F1?
	✓18	1	G0		F5-?
	✓19	1	Ma		Ma
	✓20	3	K_2		K_2
	✓21	3	F8		F5
	✓22	5	G0	E	G5-
	✓23	3	A0		A
	✓24	2	F8		G
	✓25	1	F8		Focus poor
	✓26	1	A	Another star Sup. at south	A5-
	✓27	3	F2		F0

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1	+22°	615	3	51.9	+22	25	9.0 ✓
2	+22°	614	3	51.6	+22	46	9.0 ✓
3	+22°	612	3	51.3	+22	48	9.3 ✓
4	+22°	613	3	51.6	+22	59	9.2 ✓
5	+23°	605	3	52.5	+23	3	8.9 ✓
6	+22°	611	3	50.6	+22	34	8.5 ✓
7	+22°	610	3	49.8	+22	42	8.8 ✓
8	+22°	608	3	49.2	+22	30	8.8 ✓
9	+22°	606	3	48.3	+22	16	8.5 ✓
10	+22°	602	3	47.9	+22	15	8.0 ✓
11	+22°	604	3	48.2	+22	41	9.5 ✓
12	+22°	601	3	47.9	+22	45	8.3 ✓
13	+22°	599	3	47.5	+22	42	9.1 ✓
14	+22°	598	3	47.0	+22	34	9.1 ✓
15	+22°	596	3	46.7	+22	56	8.4 ✓
16	+22°	594	3	46.2	+22	46	8.5 ✓
17	+22°	592	3	45.7	+22	27	9.5 ✓
18	+22°	593	3	45.7	+22	46	9.5 ✓
19	+22°	591	3	45.3	+22	42	9.2 ✓
20	+22°	588	3	44.8	+22	42	8.7 ✓
21	+21°	556	3	47.5	+21	48	9.0 ✓
22	+21°	555	3	47.4	+21	21	8.0 ✓
23	+21°	560	3	48.4	+21	30	9.0 ✓
24	+21°	561	3	48.6	+21	37	8.8 ✓
25	+21°	564	3	49.4	+21	33	9.3 ✓
26	+21°	557	3	48.1	+21	37	9.4 ✓ +21° 558 sup. 9.2
27	+21°	541	3	43.2	+21	51	9.0 ✓

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Wednesday, Oct. 21, 1914

MC 6447

No	Ent.	Class	Remarks	
✓ 28	1	g_5		K_0
✓ 29	2	A_3		A_5
✓ 30	1	K_2		K_2
✓ 31	1	g_5		g
✓ 32	1	F		F_1
✓ 33	2	g_0		g
✓ 34	3	A_0		A
✓ 35	3	F_8		g_0
✓ 36	3	K_2		K_2
✓ 37	2	F_5		g
✓ 38	1	F_8		F_5?
✓ 39	2	F_5	Another star sup. at south	g_0
✓ 40	2	A_0		A
✓ 41	2	F_8		g_0
✓ 42	2	K_2		K_2
✓ 43	4	g_0		g_5
✓ 44	2	F_8	Another star sup. on preced. side	g_0
✓ 45	1	g		g
✓ 46	2	F_8		F_5
✓ 47	3	g_5		K_0
✓ 48	3	A_2		A_3
✓ 49	5	K_0		K_0
✓ 50	2	F_8		F_8
✓ 51	3	F_2		F_0
✓ 52	2	g_5		F_8
✓ 53	5	g_0		g_0
✓ 54	1	F_5		F_1?

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28	+22°	582	3	43.0	+22	48	9.0 ✓
29	+22°	579	3	42.4	+22	59	9.0 ✓
30	+23°	574	3	43.5	+23	8	9.2 ✓
31	+23°	573	3	43.3	+23	29	9.5 ✓
32	+23°	578	3	44.7	+23	3	9.5 ✓
33	+23°	580	3	45.7	+23	40	9.5 ✓
34	+23°	584	3	46.4	+23	30	9.1 ✓
35	+23°	586	3	47.2	+23	23	9.0 ✓
36	+23°	589	3	48.0	+23	10	8.6 ✓
37	+23°	592	3	49.0	+23	19	9.3 ✓
38	+23°	593	3	49.4	+23	14	9.4 ✓
39	+23°	597	3	49.9	+23	30	9.2 ✓ +23° 598 sup. 9.3
40	+24°	601	3	50.5	+24	20	8.8 ✓
41	+24°	603	3	50.5	+24	38	9.0 ✓
42	+24°	602	3	50.5	+24	48	8.3 ✓
43	+24°	605	3	51.2	+24	16	8.5 ✓
44	+23°	588	3	47.4	+23	55	9.3 ✓ +23° 587 sup. 9.4
45	+24°	593	3	45.6	+24	9	9.3 ✓
46	+24°	589	3	44.2	+24	15	9.2 ✓
47	+24°	585	3	43.1	+24	39	9.1 ✓
48	+24°	582	3	42.7	+24	33	9.1 ✓
49	+24°	586	3	43.3	+24	54	8.5 ✓
50	+24°	580	3	42.4	+24	56	9.2 ✓
51	+25°	626	3	42.4	+25	9	8.2 ✓
52	+25°	628	3	42.6	+25	13	9.2 ✓
53	+25°	630	3	43.0	+25	25	8.3 ✓
54	+25°	634	3	43.6	+25	30	9.2 ✓

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1914phae.proj.2179C

Wednesday, Oct. 21, 1914
ME 6447

No	Fnt.	Class	Remark	
✓ 55	3	a_0		a
✓ 56	3	a_2		a
✓ 57	5	a_0		a
✓ 58	2	a_2		a_5?
✓ 59	9	a_0		a_0
✓ 60	6	a_2	Partly sup. on 59	a
✓ 61	3	g_5		K_0
✓ 62	3	K_0		K_0
✓ 63	1	g_5		K_5?
✓ 64	1	a_5		a
✓ 65	1 ..	g_5		g_5
✓ 66	4	F_5		F_5?
✓ 67	3	a_2	Another star sup. on fnced. side	Too pm.
✓ 68	1	K E		K
✓ 69	4	a_3		F_0
✓ 70	1 ..	K_0		K
✓ 71	3	F_0		F
✓ 72	3	a_0		a_0
✓ 73	6	a_0		a_2
✓ 74	5	a_2		a_2
✓ 75	5 ..	a_3		a_2
✓ 76	2	F_8		~~F_5~~
✓ 77	3	F_8		F_8
✓ 78	6	a_2		a_3
✓ 79	2	F_8		F_5?
✓ 80	2	g_0		Too thin?
✓ 81	6	a_3		F_0

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55	+25°	635	3	44.0	+25	12	9.2 ✓
56	+24°	590	3	44.3	+24	57	9.0 ✓
57	+25°	637	3	44.4	+25	6	8.6 ✓
58	+25°	638	3	44.7	+25	12	9.2 ✓
59	+25°	641	3	44.8	+25	15	6.6 ✓
60	+25°	640	3	44.8	+25	19	8.4 ✓
61	+25°	639	3	44.8	+25	30	8.3 ✓
62	+25°	642	3	46.0	+25	15	8.6 ✓
63	+25°	643	3	46.1	+25	13	9.3 ✓
64	Approx.	1855	3	46.3	+25	13	✓
65	+24°	592	3	44.9	+24	46	9.5 ✓
66	+26°	648	3	48.2	+26	5	8.3 ✓
67	+25°	650	3	50.2	+25	28	9.0 ✓
68	+25°	656	3	51.7	+25	24	9.1 ✓
69	+24°	584	3	42.8	+24	5	8.9 ✓
70	+24°	581	3	42.5	+24	9	9.2 ✓
71	+24°	577	3	41.6	+24	13	9.0 ✓
72	+23°	565	3	41.3	+23	46	8.5 ✓
73	+23°	562	3	40.8	+23	48	7.8 ✓
74	+23°	559	3	40.6	+23	27	8.4 ✓
75	+22°	565	3	40.2	+22	49	8.5 ✓
76	+22°	568	3	40.6	+22	57	9.0 ✓
77	+22°	570	3	41.0	+22	56	8.7 ✓
78	+22°	573	3	41.1	+22	54	8.4 ✓
79	+23°	554	3	40.0	+23	44	9.0 ✓
80	+23°	548	3	39.5	+23	41	9.2 ✓
81	+23°	549	3	39.6	+23	52	8.5 ✓

3 50.1 +25 26
+25° 649 sup. 9.0
or +25° 649 with +25° 650 superposed. There is an error, plate lacking in Dun. cat. According to chart plate I 2508 and IIC, 1188 the following star is south of the preceding. The error is probably in the declination in RA another star preceding and also superposed - not in Dun cat.

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1914phae.proj.2179C

Wednesday, Oct. 21, 1914
NC 6447

No	Int.	Class	Remark	
v 82	1	K0		G5
v 83	4	K0		K0
v 84	6	A0		A2
v 85	7	F5		G0
v 86	9	A0		A0?
v 87	8	B9		A
v 88	4	A2		A3?
v 89	4	A0		A2
v 90	3	G0		G0
v 91	1	F8		F5
v 92	1	G0		F8
v 93	5	A0		A0
v 94	1	G5		F5? Irreg.
v 95	3	F5		F0
v 96	4	F5		F2
v 97	5	A0		A0
v 98	5	A0		A2
v 99	2	K2	Partly sup. on 100	K2
v 100	5	A3		A5
v 101	1	F8		F5?
v 102	1	F8		G
v 103	1	G0	Partly sup. on 104	G?
v 104	2	A0	Partly sup. on a bright star following. Too much sup.	
v 105	6	A0		A2
v 106	4	A0	Partly sup. on 105	A
v 107	4	A2		A5
v 108	1	G		Irreg.

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1914phae.proj.2179C

82	+23°	544	3	39.1	+23	6	9.0 ✓
83	+23°	542	3	39.0	+23	9	8.2 ✓
84	+23°	539	3	38.9	+23	15	8.0 ✓
85	+23°	536	3	38.6 7	+23	~~20~~ 16	~~9.0~~ 7.9 ✓
86	+23°	537	3	38.8	+23	21	7.5 ✓
87	+23°	538	3	38.8	+23	28	7.5 ✓
88	+23°	528	3	38.5	+23	33	8.5 ✓
89	+23°	524	3	38.0	+23	10	8.4 ✓
90	+22°	549	3	37.7	+22	41	8.6 ✓
91	+22°	551	3	38.1	+22	40	9.1 ✓
92	+22°	550	3	38.1	+22	28	9.3 ✓
93	+22°	556	3	38.8	+22	29	8.5 ✓
94	+22°	540	3	36.7	+22	40	9.3 ✓
95	+22°	537	3	36.3	+22	49	8.9 ✓
96	+23°	509	3	36.5	+23	15	8.6 ✓
97	+23°	510	3	36.8	+23	35	8.2 ✓
98	+23°	517	3	37.2	+23	35	8.2 ✓
99	+23°	519	3	37.6	+23	44	8.0 ✓
100	+23°	520	3	37.7	+23	44	8.1 ✓
101	+23°	526	3	38.0	+23	39	9.1 ✓
102	+23°	529	3	38.5	+23	50	9.2 ✓
103	+23°	531	3	38.7	+23	40	8.5 ✓
104	+23°	534	3	38.7	+23	41	8.0 ✓
105	+24°	566	3	38.8	+24	8	8.0 ✓
106	+24°	567	3	38.8	+24	12	8.6 ✓
107	+24°	563	3	38.4	+24	22	8.4 ✓
108	+24°	560	3	37.9	+24	25	9.4 ✓

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1914phae.proj.2179C

Wednesday, Oct. 21, 1914
MC 6447

No	Int.	Class	Remark	
109	1	G		Forpt.
110	2	A2		A
111	2	G		G
112	1	G	Partly sup. on 113	G5?
113	3	F5		F2
114	4	A2		A5
115	4	A0		A2
116	2	A2		F0
117	1	F8		G?
118	1	K2		Forpt.
119	1	G5		G?
120	4	F0		F2
121	7	A0		A2
122	2	A2		A5
123	1	Ma		K5
124	1	K0		K5
125	1	F8		K
126	6	A2		A2
127	3	F8		F2?
128	4	K0		G5
129	7	B9		A
130	2	F8		F
131	2	A2		A5
132	2	G0		F
133	2	K2		K5
134	3	A0	E	A5 or F0
135	2	Ma		Man

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1914phae.proj.2179C

109	+24°	558	3	37.4	+24	32	9.4 ✓ +24° 557 sup. 9.5
110	+24°	555	3	37.3	+24	35	9.3 ✓
111	+24°	551	3	37.0	+24	27	9.2 ✓
112	+24°	549	3	36.7	+24	25	9.2 ✓
113	+24°	548	3	36.7	+24	28	8.9 ✓
114	+24°	550	3	36.9	+24	1	8.8 ✓
115	+23°	508	3	36.5	+23	48	8.9 ✓
116	+23°	503	3	35.8	+23	40	9.1 ✓
117	+23°	499	3	35.4	+23	25	9.3 ✓
118	+24°	543	3	35.7	+24	24	8.9 ✓
119	+24°	545	3	36.0	+24	22	9.4 ✓
120	+25°	607	3	36.8	+25	10	8.5 ✓
121	+24°	554	3	37.3	+24	56	8.2 ✓
122	+25°	614	3	37.6	+25	0	9.1 ✓
123	+25°	616	3	38.3	+25	11	8.9 ✓
124	+24°	565	3	38.5	+24	51	9.2 ✓
125	+25°	617	3	38.6	+25	4	9.4 ✓
126	+24°	568	3	39.1	+24	56	8.4 ✓
127	Approx.	1855	3	39.6	+24	46	✓
128	+24°	572	3	39.7	+24	53	9.1 ✓
129	+25°	620	3	40.0	+25	21	8.5 ✓
130	+25°	621	3	41.2	+25	12	9.1 ✓
131	+24°	575	3	41.0	+24	56	9.3 ✓ these stars are certainly south of nos "560"
132	+24°	576	3	41.5	+24	56	9.4 ✓
133	+25°	623	3	41.3	+25	36	8.8 ✓
134	+26°	619	3	40.9	+26	11	9.2 ✓
135	+25°	619	3	39.9	+25	51	8.5 ✓

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Wednesday, Oct. 21, 1914
NGC 6447

No	Fnt.	Class	Remark	
✓ 136	4	K_2	E	K_5
✓ 137	5	g_0		F_0
✓ 138	4	K_0		K_2
✓ 139	4	K_5		K_5
✓ 140	1	K_5		K_5 mma
✓ 141	1	a		a
✓ 142	1	K		K
✓ 143	4	K_0		K_0
✓ 144	4	g_0		G_5
✓ 145	4	F_8		F_2
✓ 146	3	K_0		K_0
✓ 147	7	K_0		K_2
✓ 148	4	K_0	E	K_0
✓ 149	1	g		g
✓ 150	1	g		F_8
✓ 151	1	g		g
✓ 152	2	F_8		F_5
✓ 153	3	g_0		K_2
✓ 154	3	g_0		a_5
✓ 155	1	K_2		K
✓ 156	4	a_2		a_3
✓ 157	4	a_2		F_0
✓ 158	5	a_3		a_2
✓ 159	1	g_0		g ?
✓ 160	1	g_5		K
✓ 161	3	F_5		F_2
✓ 162	2	F_8		F_8

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1914phae.proj.2179C

136	+26°	617	3	39.6	+26	8	8.0 ✓
137	+25°	615	3	37.8	+25	24	8.5 ✓
138	+25°	612	3	37.3	+25	31	8.5 ✓
139	+25°	611	3	37.3	+25	37	8.4 ✓
140	+25°	613	3	37.5	+25	47	9.3 ✓
141	+25°	609	3	36.9	+25	24	9.1 ✓
142	+24°	559	3	37.6	+24	47	9.5 ✓
143	+25°	601	3	35.3	+25	24	8.0 ✓
144	+25°	600	3	35.2	+25	16	8.3 ✓
145	+25°	597	3	34.9	+25	18	8.3 ✓
146	+25°	598	3	34.9	+25	40	8.4 ✓
147	+25°	599	3	35.0	+25	55	7.4 ✓
148	+26°	601	3	33.8	+26	7	7.7 ✓
149	+25°	595	3	34.6	+25	9	9.3 ✓
150	+24°	538	3	35.1	+24	57	9.3 ✓
151	+24°	539	3	35.2	+24	49	9.0 ✓
152	+24°	536	3	34.3	+24	2	9.1 ✓
153	+24°	532	3	32.6	+24	25	8.8 ✓
154	+24°	530	3	32.3	+24	0	8.9 ✓
155	+25°	589	3	32.2	+25	24	9.0 ✓
156	+25°	590	3	32.4	+25	31	9.1 ✓
157	+24°	528	3	31.2	+24	44	8.9 ✓
158	+24°	526	3	30.5	+24	41	8.7 ✓
159	+23°	488	3	32.3	+23	59	9.3 ✓
160	+23°	491	3	32.9	+23	19	9.2 ✓
161	+23°	489	3	32.8	+23	2	9.0 ✓
162	+22°	531	3	33.6	+22	25	8.7 ✓

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Wednesday, Oct. 21, 1914

Mt 6447

No	Int.	Class	Remark	
✓ 163	4	F5		F2
✓ 164	3	F5		F2
✓ 165	2	F5		F8
✓ 166	2	F5		G
✓ 167	2	G5		K
✓ 168	2	F8		G?
✓ 169	5	F0		F0
✓ 170	2	G5		G5-
✓ 171	5	K0		K0
✓ 172	1	K0		K
✓ 173	1	G		G
✓ 174	4	A2		A5-
✓ 175	1	K2		K5 or Ma
✓ 176	1	G		K?
✓ 177	2	F5		F
✓ 178	2	G0		G
✓ 179	3	G0		G5-
✓ 180	1	K0		K0
✓ 181	3	F0		F
✓ 182	2	A0		A
✓ 183	5	A2		A3
✓ 184	4	G0		G0
✓ 185	3	G0		G5-
✓ 186	1	G5		K5-
✓ 187	3	G0		G0
✓ 188	2	G0		G0
11:17 ✓ 189	2	K0		K K0

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163	+22°	535	3	35.0	+22	17	8.9 ✓
164	+21°	515	3	36.6	+21	51	9.0 ✓
165	+21°	514	3	36.5	+21	34	9.0 ✓
166	+21°	519	3	37.6	+21	33	9.0 ✓
167	+21°	523	3	38.9	+21	25	9.0 ✓
168	+21°	528	3	40.0	+21	21	9.0 ✓
169	+21°	530	3	40.2	+21	28	8.2 ✓
170	+21°	529	3	40.0	+21	46	9.2 ✓
171	+21°	526	3	39.8	+21	56	8.1 ✓
172	+21°	537	3	42.0	+21	48	9.0 ✓
173	+21°	542	3	43.8	+21	44	9.5 ✓
174	+21°	496	3	31.8	+22	0	8.5 ✓
175	+21°	495	3	31.8	+21	51	9.0 ✓
176	+22°	527	3	31.1	+22	48	9.3 ✓
177	+23°	487	3	31.1	+23	50	9.5 ✓
178	+23°	485	3	30.6	+23	53	9.4 ✓
179	+24°	524	3	30.0	+24	58	9.0 ✓
180	+24°	521	3	29.2	+24	48	9.1 ✓
181	+24°	512	3	27.7	+24	54	8.8 ✓
182	+24°	519	3	28.7	+24	18	9.2 ✓
183	+24°	520	3	28.7	+24	7	8.4 ✓
184	+23°	482	3	27.9	+23	26	8.5 ✓
185	+23°	481	3	27.9	+23	18	8.8 ✓
186	+23°	479	3	27.5	+23	27	8.8 ✓
187	+22°	519	3	28.5	+22	10	8.5 ✓
188	+21°	489	3	28.9	+21	52	8.7 ✓
189	+22°	511	3	26.4	+22	36	8.6 ✓

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Wednesday, Oct. 21, 1914

MC 6447

	No	Mnt	Class	Remark	
11:41	✓ 190	4	A5		F1
	✓ 191	3	G0		G
	✓ 192	3	K0		K2
	✓ 193	3	F8		G5-
	✓ 194	2	A2	E	A or F
	✓ 195	1	G	E	G
	✓ 196	2	G5	E	G5-
	✓ 197	3	G0	E	F8
	✓ 198	2	F		A
	✓ 199	2	F2		F5-?
	✓ 200	1	G5		G5-
	✓ 201	2	A2		A or F
	✓ 202	1	G5	Partly sup. on star at north	K
	✓ 203	1	K		K5-
	✓ 204	1	G		A but/com
	✓ 205	1	G5		G5-?
	✓ 206	1	F5		F1
	✓ 207	1	F8		A F?
	✓ 208	2	F8		~~K~~ G?
	✓ 209	2	G	E	~~G0~~ G
	✓ 210	3	G0		G0
	✓ 211	2	F5		A or F
	✓ 212	3	F5		F1 8
	✓ 213	3	A0		A0
	✓ 214	2	F8	E	A or F1
	✓ 215	2	F8		
11:48	✓ 216	1	K2		G5-
	217	8	B9		

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190	+23°	477	3	26.4	+23	2	8.5	✓
191	+22°	506	3	25.8	+22	30	8.9	✓
192	+22°	510	3	26.0	+22	17	8.5	✓
193	+22°	509	3	25.9	+22	2	8.5	✓
194	+21°	484	3	25.7	+21	13	8.9	✓
195	+21°	486	3	27.9	+21	22	9.1	✓
196	+21°	487	3	28.1	+21	17	8.6	✓
197	+21°	490	3	29.5	+21	13	8.8	✓
198	+21°	506	3	34.7	+21	30	9.5	✓
199	+21°	510	3	35.2	+21	36	9.1	✓
200	+22°	538	3	36.5	+22	16	9.0	✓
201	+22°	536	3	35.3	+22	46	9.3	✓
202	+23°	497	3	35.2	+23	9	9.3	✓ +23°496 sup. 8.4
203	+22°	567	3	40.6	+22	49	9.0	✓
204	+24°	579	3	41.9	+24	21	9.3	✓
205	Approx.	1855	3	44.6	+24	~~30~~ 27		✓
206	+23°	583	3	46.3	+23	45	9.5	✓
207	~~+23°~~ +22°	~~471~~ 582	3	~~25.5~~ 44.0	~~+23~~ +22	49 0	~~8.8~~ 9.3	✓ +23°472 sup. 9.0
208	~~+23~~ +25°	~~476~~ 605	3	~~26.3~~ 36.6	~~+23~~ +25	~~36~~ 31	9.1	✓
209	+25°	587	3	32.2	+25	51	9.2	✓
210	+25°	584	3	30.8	+25	40	8.9	✓
211	+25°	576	3	27.1	+25	21	9.1	✓
212	+24°	506	3	25.6	+24	6	8.8	✓
213	+23°	471	3	25.5	+23	49	8.8	✓
214	+23°	467	3	25.2	+23	20	9.1	✓
215	+23°	476	3	26.3	+23	36	9.1	✓
216	+23°	474	3	26.0	+23	21	9.0	✓
217	+23°	540	3	38.9	+23	51	9.4	

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Saturday, Oct. 24, 1914

C1 MC 6670

	No	Fnt.	Class	Remark
10.48	✓ 1	6	F_0	
	✓ 2	5	F_0	
	✓ 3	1	K	
	✓ 4	1	K_0	
	✓ 5	2	G_5	
	✓ 6	6	K_0	
	✓ 7	3	F_5	
	✓ 8	3	F_8	
	✓ 9	4	A_2	
	✓ 10	1	K_5	
	✓ 11	9	K_5	
	✓ 12	4	K_0	
	✓ 13	7	G_0	
	✓ 14	3	B_0	
	✓ 15	2	G_5	
	✓ 16	1	G_5	
	17	1	G_5	
	✓ 18	2	F_8	
	✓ 19	2	K_5	
	✓ 20	3	G_5	
	✓ 21	2	G_5	
	✓ 22	2	G_5	
	✓ 23	8	F_2	
	✓ 24	3	K_0	
	✓ 25	3	G_5	
	✓ 26	1	K_5	
	✓ 27	4	K_0	

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1914phae.proj.21706

1	+13°	183	1	5.8	+13	5	8.5 ✓
2	+13°	176	1	4.1	+13	6	8.5 ✓
3	+13°	179	1	4.7	+13	29	9.5 ✓
4	+13°	180	1	5.6	+13	46	9.2 ✓
5	+13°	177	1	4.1	+13	45	9.4 ✓
6	+13°	175	1	3.6	+13	55	8.2 ✓
7	+14°	185	1	4.6	+14	29	9.1 ✓
8	+14°	187	1	5.0	+14	46	9.2 ✓
9	+14°	178	1	3.1	+14	38	9.0 ✓
10	+14°	176	1	2.8	+14	54	9.1 ✓
11	+14°	175	1	2.5	+14	54	6.4 ✓
12	+15°	167	1	0.9	+15	1	8.4 ✓
13	+15°	164	1	0.2	+15	5	8.0 ✓
14	+14°	172	1	0.5	+14	21	8.5 ✓
15	+13°	171	1	1.0	+13	56	9.2 ✓
16	+13°	172	1	1.2	+13	34	9.5 ✓
17	Star in Pole exp.						
18	+13°	170	1	0.8	+13	12	9.5 ✓
19	+12°	140	1	0.6	+12	55	9.0 ✓
20	+13°	168	1	0.3	+13	2	9.2 ✓
21	+12°	139	1	0.1	+12	54	9.5 ✓
22	+12°	136	0	59.3	+12	49	9.2 ✓
23	+13°	165	0	59.0	+13	7	7.3 ✓
24	+13°	162	0	57.8	+13	20	8.6 ✓
25	+13°	159	0	57.1	+13	27	9.4 ✓
26	+13°	156	0	56.4	+13	13	9.0 ✓
27	+13°	155	0	56.2	+13	10	8.7 ✓

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1914phae.proj.2179C

Saturday, Oct. 24, 1914
MC 6670

	No	Mnt.	Class	Remark
✓	28	2	g_5	
✓	29	1	K_5	
✓	30	8	A_2	
✓	31	3	K_2	
✓	32	3	g_5	
✓	33	4	g_5	
✓	34	3	G_5	
✓	35	4	g_5	
✓	36	1	K_5	
✓	37	2	g_5	
✓	38	3	g_0	
✓	39	3	g_0	
✓	40	4	A_2	
✓	41	3	K_0	
✓	42	2	F_8	
✓	43	9	K	
✓	44	3	K_5	
✓	45	6	A_3	
✓	46	5	K_0	
✓	47	2	K_0	
✓	48	3	F_8	
✓	49	3	K_0	
✓	50	5	F_2	
✓	51	7	K_0	
✓	52	5	F_8	
✓	53	2	A_0	
✓	54	1	K	

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1914phae.proj.2179C

28	+13°	160	0	57.1	+13	55	9.2 ✓
29	+14°	168	0	58.1	+14	12	9.0 ✓
30	+14°	169	0	58.3	+14	36	7.7 ✓
31	+14°	167	0	57.8	+14	38	8.8 ✓
32	+14°	164	0	57.5	+14	34	9.0 ✓
33	+14°	161	0	56.5	+14	27	8.5 ✓
34	+13°	153	0	55.3	+13	52	9.1 ✓
35	+13°	150	0	54.9	+13	28	8.5 ✓
36	+13°	149	0	54.8	+13	24	9.2 ✓
37	+13°	152	0	55.1	+13	7	9.0 ✓
38	+13°	145	0	53.7	+13	13	9.3 ✓
39	+14°	152	0	53.0	+14	4	9.0 ✓ +14° 151 sup. 9.0
40	+13°	143	0	52.1	+13	50	8.5 ✓
41	+13°	141	0	51.5	+13	56	8.9 ✓
42	+13°	142	0	51.8	+13	20	9.3 ✓
43	+12°	119	0	50.3	+12	56	6.0 ✓
44	+13°	130	0	49.1	+13	59	8.7 ✓
45	+14°	141	0	48.8	+14	12	8.7 ✓
46	+14°	142	0	48.8	+14	24	8.6 ✓
47	+14°	145	0	49.7	+14	24	9.2 ✓
48	+15°	142	0	50.1	+15	16	9.2 ✓
49	+15°	140	0	49.8	+15	24	8.7 ✓
50	+15°	139	0	49.6	+15	34	8.5 ✓
51	+15°	144	0	50.9	+15	32	8.0 ✓
52	+15°	148	0	51.9	+15	21	8.5 ✓
53	+14°	149	0	51.3	+14	56	9.5 ✓
54	+14°	148	0	50.6	+14	24	9.5 ✓

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1914phae.proj.2179C

Saturday, Oct. 24, 1914
MC 66 70

	No	Int.	Class	Remark
✓	55	2	A_2	
✓	56	4	K_0	
✓	57	7	Ma	
✓	58	7	A_5	
✓	59	4	F_0	
✓	60	4	A_2	
✓	61	4	F_0	
✓	62	8	F_0	
✓	63	2	F_8	
✓	64	3	F_8	Another star sup. at north
✓	65	4	K_2	
✓	66	1	F	
✓	67	5	K_0	
✓	68	1	K	
✓	69	1	K	Another star sup.?
✓	70	7	F_0	
✓	71	3	G_0	
✓	72	1	G_5	
✓	73	6	F_0	
✓	74	2	K_5	
✓	75	3	G_0	
✓	76	4	A_2	
✓	77	3	K_0	
✓	78	8	K_0	
✓	79	4	F_0	
✓	80	3	A_0	
11:00	81	2	A_2	

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55	+15°	151	0	53.9	+15	16	9.3 ✓
56	+15°	154	0	55.4	+15	22	8.5 ✓
57	+15°	156	0	57.3	+15	28	8.0 ✓
58	+15°	159	0	58.7	+15	32	8.5 ✓
59	+15°	161	0	58.9	+15	35	9.0 ✓
60	+15°	160	0	58.8	+15	51	9.0 ✓
61	+16°	118	1	0.4	+16	25	9.0 ✓
62	+16°	116	1	0.2	+16	38	8.0 ✓
63	+16°	121	1	3.1	+16	11	9.0 ✓
64	+15°	172	1	3.5	+15	48	9.0 ✓ +15° 173 sup. 9.1
65	+16°	123	1	3.4	+16	1	8.5 ✓
66	+15°	171	1	2.9	+15	38	9.4 ✓
67	+15°	175	1	5.1	+15 6	0	8.5 ✓
68	+16°	125	1	5.2	+16	8	9.2 ✓
69	+15°	170	1	2.6	+15	49	9.0 ✓
70	+16°	119	1	0.8	+16	52	8.6 ✓
71	+16°	110	0	58.0	+16	18	9.0 ✓
72	+16°	108	0	57.5	+16	7	9.5 ✓
73	Star in Pole exp.						
74	+16°	105	0	55.8	+16	22	8.8 ✓
75	+16°	103	0	55.0	+16	19	9.1 ✓
76	+15°	149	0	53.2	+15	54	8.9 ✓
77	+16°	99	0	53.0	+16	42	9.0 ✓
78	+16°	97	0	52.7	+16	27	8.0 ✓
79	+16°	96	0	51.4	+16	8	8.9 ✓
80	+16°	91	0	49.5	+16	30	9.4 ✓
81	+14°	171	0	59.2	+14	57	9.3 ✓

Compared by G.R.B. Dec. 23, 1914

Identr. on Cards by AMC. Dec 22'14 Identr. in book by JBM Dec. 31, 1914

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Wednesday, Nov. 4, 1914

MC 66 7 61

	No	Int.	Class	Remark
11:36	✓ 1	2	g_5	
	✓ 2	1	g_5	
	✓ 3	1	K0	
	✓ 4	1	K0	
	✓ 5	1	K0	
	✓ 6	3	g_5	
	✓ 7	2	g_0	
	✓ 8	2	F8	
	✓ 9	2	K0	
	✓ 10	2	A2	
	✓ 11	1	Mb	
	✓ 12	4	K0	
	✓ 13	2	K0	
	✓ 14	2	g_5	
	✓ 15	2	F8	
	✓ 16	3	A0	
	✓ 17	2	K0	
	✓ 18	4	A	another star sup. at north
	✓ 19	3	g_5	
	✓ 20	2	A2	
	✓ 21	2	K0	
	✓ 22	2	A0	
	✓ 23	1	g_5	
	✓ 24	1	g_5	
	✓ 25	1	K0	
	✓ 26	5	F2	
	✓ 27	2	g_5	

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1914phae.proj.2179c

I

1	+43°	331	1	28.1	+43	32	9.0	✓
2	Approx	1855	1	~~27.8~~ 28.0	+43	~~40~~ 37		✓
3	+43°	329	1	27.7	+43	42	9.5	✓
4	+43°	330	1	27.8	+43	57	9.5	✓
5	~~Approx.~~	~~1855~~	1	~~27.7~~ 27.3	+43	~~40~~ 37		✓
6	+43°	326	1	26.8	+43	41	9.4	✓
7	+43°	328	1	27.3	+43	10	9.5	✓
8	+42°	327	1	27.9	+42	52	9.2	✓
9	Approx	1855	1	26.8	+42	51		✓
10	+43°	320	1	25.0	+43	2	9.5	✓
11	Approx.	1855	1	25.2	+42	44		✓ Two close stars see chart plates M.C. 4184 + I 26358
12	+43°	316	1	24.3	+43	15	8.9	✓
13	+43°	319	1	25.0	+43	50	9.5	✓
14	+43°	322	1	25.4	+43	32	8.8	✓
15	Approx.	1855	1	24.2	+44	~~6~~ 5	~~9.4~~	✓
16	Approx.	1855	1	~~24.8~~ 24.4	+44	22		✓
17	+43°	314	1	23.4	+43	59	9.4	✓
18	+43°	309	1	22.2	+43	37	9.4	✓ No. 19 sup. at north
19	+43°	311	1	22.2	+43	45	9.3	✓
20	Approx.	1855	1	21.4	+44	~~22~~ 25		✓
21	+44°	318	1	21.4	+44	0	9.3	✓
22	Approx.	1855	1	20.8	+44	15		✓
23	+44°	316	1	20.8	+44	22	9.5	✓
24	+44°	313	1	20.7	+44	10	9.3	✓
25	+43°	307	1	21.9	+43	24	9.5	✓
26	+43°	306	1	21.8	+43	7	8.8	✓
27	+42°	311	1	21.9	+42	46	9.4	✓

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1914phae.proj.2179C

Wednesday, Nov. 4, 1914

NC 6661

No	Int.	Class	Remark
28	2	g_0	
29	1	a_3	
30	2	g_0	
31	1	F_1	
32	1	a	another star sup.[2]
33	2	F	
34	1	g_5	
35	1	K_0	
36	2	g_0	
37	2	a	Partly sup. on bright star at north.
38	1	K_2	
39	1	g_0	
40	1	F_8	
41	2	a_0	
42	3	a_0	
43	2	K_0	
44	2	F	
45	2	F	
46	2	a	
47	1	g_5	
48	1	F_8	
49	3	a_0	
50	2	a_5	
51	2	g_5	
52	2	K_0	
53	2	F_5	
54	2	g_0	

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28	+43°	304	1	19.8	+43	9	9.2	✓
29	Approx.	1855	1	18.8	+43	~~19~~ 20		✓
30	+43°	298	1	18.8	+43	29	9.5	✓
31	+43°	299	1	19.1	+43	54	9.5	✓
32	Approx	1855	1	~~19.0~~ 18.9	+44	~~26~~ 25		✓ No star on chart plate MC. W184 I 26258 That could be superposed.
33	Approx.	1855	1	18.3	+44	26		✓
34	Approx.	1855	1	~~17.7~~ 17.8	~~+44~~ +43	58 ~~51~~		✓
35	+43°	295	1	18.1	+43	47	9.3	✓
36	+43°	288	1	17.2	+43	17	9.2	✓
37	+43°	287	1	16.8	+43	18	8.9	✓ +43°286 sup. 8.9
38	+43°	280	1	14.3	+43	52	9.3	✓
39	Approx	1855	1	✓0 14.2	+43	~~50~~ Nb 45		✓
40	+43°	276	1	13.3	+43	53	9.5	✓
41	~~+43~~ Approx.	~~275~~ 1855	1	~~13.0~~ 12.5 12.9	+43	~~26~~ 37 38 40	~~9.5~~	✓
42	+44°	289	1	14.3	+44	20	9.5	✓
43	+44°	288	1	14.1	+44	32	9.3	✓
44	Approx.	1855	1	13.9	+44	~~35~~ 36		✓
45	+44°	286	1	13.7	+44	21	9.4	✓
46	Approx.	1855	1	13.5	+44	32		✓
47	Approx.	1855	1	12.1	+44	36		✓
48	+44°	280	1	11.4	+44	52	9.5	✓
49	+45°	316	1	11.3	+45	15	9.5	✓
50	+45°	321	1	12.3	+45	10	9.4	✓
51	+45°	323	1	12.7	+45	17	9.5	✓
52	+45°	318	1	12.2	+45	29	9.4	✓
53	+45°	311	1	9.1	+45	8	9.5	✓
54	+44°	277	1	9.8	+44	57	9.4	✓

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Wednesday, Nov. 4, 1914

MC 66 & 1

No	Int.	Class	Remark
55	3	F_5	
56	3	K_0	
57	2	G_5	
58	2	G_5	
59	1	K_0	
60	2	A_2	
61	1	K_2	
62	1	K_0	
63	1	G_5	
64	2	G_5	
65	2	F	
66	1	K_0	
67	1	A_0	
68	2	F_8	
69	1	G_5	
70	1	G_5	
71	2	G_5	
72	2	K_2	
73	1	dMa	
74	2	A_0	
75	2	F_5	
76	1	K_2	
77	1	G_0	
78	2	F_5	
79	1	K_2	
80	1	K_0	
81	2	K_5	

11:50

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55	+44°	268	1	7.0	+44	54	9.5	✓
56	+44°	265	1	6.2	+44	59	9.3	✓
57	+44°	270	1	8.2	+44	13	9.4	✓
58	+43°	261	1	9.1	+43	37	9.3	✓
59	+43°	263	1	10.0	+43	30	9.4	✓
60	+43°	264	1	10.0	+43	14	9.5	✓
61	+43°	265	1	10.6	+43	22	9.5	✓
62	+43°	271	1	11.1	+43	11	9.5	✓
63	+43°	270	1	11.0	+43	3	9.5	✓ Dble. on chart plate.
64	+42°	283	1	12.5	+42	46	9.2	✓
65	Approx. 1855		1	~~14.7~~ 14.8	+43	~~7~~ 5		✓
66	+44°	298	1	16.8	+44	14	9.4	✓
67	Approx. 1855		1	~~16.4~~ 16.6	+43	~~51~~ 57		✓
68	+44°	294	1	16.0	+44	15	9.5	✓
69	Approx. 1855		1	15.3	+44	~~22~~ 23		✓
70	+44°	292	1	15.4	+44	37	9.3	✓
71	+44°	291	1	15.1	+44	53	9.4	✓
72	+44°	322	1	24.2	+44	52	9.2	✓
73	+44°	323	1	24.6	+44	46	9.3	✓
74	Approx. 1855		1	24.8	+44	~~58~~ 55		✓
75	Approx. 1855		1	~~25.3~~ 25.4	+44	55		✓
76	+44°	325	1	25.8	+44	32	9.5	✓
77	Approx. 1855		1	27.2	+44	~~40~~ 41		✓
78	+44°	332	1	27.2	+44	54	9.5	✓
79	+45°	385	1	27.1	+45	18	9.3	✓
80	+45°	382	1	26.4	+45	28	9.5	✓
81	+45°	372	1	24.5	+45	22	9.3	✓

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Friday, Nov. 6, 1914
MC 6687

		No	Int.	Class	Remark
12:30	✓	82	1	A	
	✓	83	1	K5	
	✓	84	1	A5	
	✓	85	2	F	
	✓	86	2	F8	
	✓	87	3	G5	
	✓	88	2	G5	
	✓	89	3	A3	
	✓	90	1	A	
	✓	91	1	A	
	✓	92	1	K5	
	✓	93	1	G5	
	✓	94	1	K0	
	✓	95	1	K0	
	✓	96	1	K0	
	✓	97	4	A3	
	✓	98	5	G5	
	✓	99	2	G5	
	✓	100	1	M2	
	✓	101	2	F8	
	✓	102	2	K5	Partly sup. on 103
	✓	103	1	A3	
	✓	104	1	A0	
	✓	105	1	G0	
	✓	106	1	G5	
	✓	107	1	K2	
	✓	108	1	K0	

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1914phae.proj.2179C

82	+45°	369	1	24.1	+45	+0	9.5 ✓
83	+45°	370	1	24.2	+45	50	9.2 ✓
84	~~+45~~ Approx. 1855	~~371~~	1	24.4 ✓6	+45	51 ✓ ~~49~~	~~9.2~~ ✓
85	+46°	382	1	24.9	+46	9	9.3 ✓
86	+46°	383	1	25.0	+46	18	9.3 ✓
87	+46°	388	1	26.8	+46	38	9.0 ✓
88	+46°	392	1	27.1	+46	49	9.2 ✓
89	+46°	400	1	27.9	+46	35	9.3 ✓
90	+46°	396	1	27.5	+46	9	9.3 ✓
91	+45°	389	1	27.6	+45	52	9.5 ✓
92	+45°	381	1	26.2	+45	8	9.4 ✓
93	+45°	390	1	27.7	+45	2	9.4 ✓
94	+44°	334	1	28.0	+44	49	9.5 ✓
95	+44°	331	1	27.2	+44	16	9.5 ✓
96	+45°	367	1	23.6	+45	15	9.5 ✓
97	+46°	375	1	22.4	+46	33	9.2 ✓
98	+46°	373	1	22.1	+46	50	8.5 ✓
99	+46°	368	~~1~~ 1	21.3	+46	45	9.0 ✓
100	+45°	356	1	20.9	+45	55	9.3 ✓
101	+46°	366	1	21.0	+46	4	9.5 ✓
102	+45°	349	1	19.8	+45	54	9.2 ✓
103	+45°	350	1	19.8	+46	0	9.5 ✓
104	Approx.	1855	1	19.5	+45	~~44~~ 43	✓
105	Approx	1855	1	~~18.8~~ 19	+45	~~33~~ 34	✓
106	+45°	343	1	18.8	+45	42	9.5 ✓
107	+45°	341	1	18.2	+45	26	9.2 ✓
108	+45°	~~326~~ 3 26	1	16.6	+45	32	9.5 ✓

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1914phae.proj.2179C

Friday, Nov. 6, 1914
MC 6617

	No	Frt	Class	Remark
✓	109	1	K0	
✓	110	1	K5	
✓	111	1	Ky5	
✓	112	2	K5	
✓	113	2	F8	
✓	114	2	Ky0	
✓	115	1	Ky5	
✓	116	1	K2	
✓	117	3	A2	Another star sup. on preced. side
✓	118	3	A0	" " " " " side?
✓	119	1	Ky	
✓	120	3	A0	
✓	121	1	A	
✓	122	2	K5	
✓	123	2	F8	
✓	124	1	K2	
✓	125	2	Ky0	
✓	126	2	F8	
12:39	✓	127	1	Ky5
		128		

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1914phae.proj.2179C

109	+45°	337	1	17.0	+45	16	9.4	✓
110	+45°	339	1	17.6	+45	0	9.4	✓
111	+45°	342	1	18.6	+45	3	9.5	✓
112	+46°	361	1	18.7	+46	13	8.8	✓
113	+46°	358	1	18.2	+46	36	9.2	✓
114	+46°	353	1	17.5	+46	30	9.4	✓
115	+46°	346	1	16.0	+46	17	9.5	✓
116	+46°	344	1	15.8	+46	26	9.5	✓
117	+46°	337	1	13.5	+46	36	9.3	✓ not DM star on prec. side.
118	+46°	332	1	12.9	+46	49	9.4	✓ not DM star on prec. side.
119	+46°	323	1	11.3	+46	13	9.5	✓
120	+46°	302	1	6.6	+46	16	9.2	✓
121	Approx.	1855	1	9.2	+45	~~38~~ 37		✓
122	+46°	296	1	5.2	+46	26	9.0	✓
123	+45°	305	1	7.5	+45	38	9.5	✓
124	+45°	306	1	7.9	+45	30	9.5	✓
125	+46°	307	1	7.8	+46	0	9.4	✓
126	+43°	256	1	7.6	+43	24	9.5	✓
127	Approx.	1855	1	~~14.8~~ 15.0	+43	~~14~~ 15		✓

Identr. on cards by Amc. Dec. 23, 1914

Identr. in book by J.S.M. Dec. 29, 1914

Identification compared by S.R.B.

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Saturday, Nov. 7, 1914

MC 66667 Bg

	No	Int.	Class	Remark
10:50	✓ 1	1	A3	
	✓ 2	1	F5	
	✓ 3	1	A0	
	✓ 4	2	A0	
	✓ 5	2	A0	
	6	2	K0	
	✓ 7	2	F8	
	✓ 8	1	K0	Another star sup. on preced. side
	✓ 9	2	K0	
	✓ 10	1	F5	
	✓ 11	1	F8	
	✓ 12	1	A0	Another star sup. at north
	✓ 13	2	F0	
	✓ 14	2	K2	
	✓ 15	2	F5	
	✓ 16	3	F8	
	✓ 17	1	K0	
	✓ 18	1	K0	
	19	2	F5	
	✓ 20	3	F0	
	✓ 21	2	F5	
	✓ 22	3	K0	
	✓ 23	3	K2	
	✓ 24	3	A0	
	✓ 25	3	A0	
	✓ 26	3	A0	
	✓ 27	3	F8	

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1914phae.proj.2179c

1	+43°	4338	22	48.9	+43	39	9.5	✓
2	+43°	4334	22	47.9	+43	46	9.3	✓
3	+44°	4271	22	48.2	+44	1	9.5	✓
4	+43°	4330	22	47.2	+43	33	9.3	✓
5	+43°	4328	22	46.5	+43	25	9.5	✓
6								Omit temporarily. Cannot find any on plate.
7	+43°	4318	22	44.4	+43	41	9.2	✓
8	+44°	4262	22	46.7	+44	16	9.2	✓ +44° 4260 sup. 9.5
9	+45°	4255	22	45.2	+44	56	9.3	✓
10	Approx.	1855	22	43.7	+44	36		
11	+44°	4245	22	43.5	+44	22	9.4	✓
12	+44°	4243	22	43.1	+44	35	9.5	✓ Star sup. math not in DM.
13	+44°	4236	22	41.7	+44	22	9.3	✓
14	+42°	4502	22	41.4	+42	49	9.1	✓
15	+42°	4501	22	41.4	+42	53	9.1	✓
16	+42°	4505	22	43.1	+42	46	9.1	✓
17	+42°	4506	22	43.5	+42	49	9.2	✓
18	+43°	4312	22	42.7	+43	28	9.5	✓
No. 8 Polar Seq.	19							
	20	+42°	4495	22	39.1	+42	53	9.4 ✓
	21	+43°	4296	22	38.4	+43	37	9.3 ✓
	22	+43°	4295	22	38.3	+43	46	9.3 ✓
	23	+43°	4287	22	37.2	+43	59	9.0 ✓
	24	+43°	4284	22	37.0	+43	28	9.5 ✓
	25	+43°	4283	22	37.0	+43	24	9.5 ✓
	26	+43°	4282	22	36.9	+43	0	9.5 ✓
	27	+43°	4275	22	36.0	+43	2	9.1 ✓

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1914phae.proj.2179C

Saturday, Nov. 7, 1914
NGC 6667

No	Int.	Class	Remark
28	3	g_5	
29	2	F_5	
30	2	K_5	
31	3	A_2	
32	2	A_2	
33	2	A_3	
34	2	A_0	
35	1	A	
36	2	K_2	
37	2	F_8	
38	3	A_0	
39	3	g_5	
40	1	A_2	
41	4	A_0	
42	2	Nb	
43	2	K_2	
44	3	K_0	
45	2	g_5	At red end resembles Ma. Maybe defect
46	2	K_0	
47	2	K_2	
48	3	K_0	
49	2	F_2	
50	3	F_5	
51	2	F_8	
52	1	K_2	
53	3	A_5	
54	1	K_5	

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1914phae.proj.2179c

28	+43°	4274	22	35.9	+43	2	9.2	✓
29	+43°	4272	22	35.7	+43	4	9.2	✓
30	+43°	4270	22	35.3	+43	15	9.0	✓
31	+42°	4481	22	35.7	+42	52	9.0	✓
32	+42°	4478	22	35.0	+42	53′	9.2	✓ An error in Dec. of 2′ read 53′ not 51′
33	Approx.	1855	22	33.9	+42	47		
34	Approx.	1855	22	34.0	+42	49		
35	+43°	4264	22	33.7	+43	16	9.5	✓
36	+43°	4257	22	31.9	+43	46	9.0	✓
37	+43°	4250	22	30.7	+43	37	9.4	✓
38	+43°	4248	22	30.5	+43	29	9.3	✓
39	+43°	4247	22	30.4	+43	22	9.3	✓
40	Approx.	1855	22	30.4	+43	6		
41	+42°	4451	22	29.6	+42	55	9.3	✓ Entirely north, not south of +42° 4447.
42	+42°	4453	22	30.4	+42	48	8.5	✓
43	+43°	4249	22	30.6	+43	1	9.1	✓
44	+42°	4461	22	31.1	+42	52	9.1	✓
45	+43°	4241	22	29.6	+43	49	9.3	✓
46	+43°	4236	22	28.7	+43	34	9.1	✓
47	+43°	4235	22	28.6	+43	43	9.2	✓
48	+43°	4231	22	28.1	+43	47	9.1	✓
49	Approx.	1855	22	27.9	+43	44		
50	+43°	4232	22	28.5	+43	12	9.3	✓
51	+43°	4237	22	28.7	+43	12	9.4	✓
52	+43°	4230	22	28.0	+43	24	9.1	✓
53	+43°	4227	22	26.9	+43	57	9.0	✓
54	+44°	4163	22	26.9	+44	9	9.0	✓

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1914phae.proj.2179C

Saturday, Nov. 7, 1914
MC. 66667

No.	Int.	Class	Remark
✓ 55	1	A	
✓ 56	2	F2	Another star sup. on following side
✓ 57	3	K5	
✓ 58	3	A0	
✓ 59	1	K5	
✓ 60	2	A2	
✓ 61	1	A	
✓ 62	2	A	
✓ 63	4	A5	
✓ 64	2	A	
✓ 65	2	A0	
✓ 66	1	A0	
✓ 67	2	F8	
✓ 68	1	K2	
✓ 69	1	A	
✓ 70	1	K2	
✓ 71	5	B0	
✓ 72	2	A3	
✓ 73	1	A	
✓ 74	2	K0	
✓ 75	1	K0	
✓ 76	1	A2	
✓ 77	2	A2	
✓ 78	2	A2	
✓ 79	1	B5	
✓ 80	1	B0	
81	4	A	Another star sup. Southern one classified

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1914phae.proj.2179c

55	+44°	4165	22	27.3	+44	1	9.5	✓
56	+44°	4164	22	27.2	+44	23	9.0	✓ Dble on MC 6617. which star is DM.
57	+45°	3979	22	26.8	+45	20	8.0	✓
58	+45°	3976	22	26.6	+45	32	9.5	✓
59	+45°	3977	22	26.6	+45	51	9.2	✓
60	+46°	3735	22	26.7	+46	9	9.3	✓ +46° 3734 sup. 9.3
61	+46°	3738	22	27.6	+46	20	9.5	✓
62	+46°	3743	22	28.0	+46	19	9.4	✓
63	+46°	3748	22	28.7	+46	28	9.2	✓
64	+46°	3746	22	28.5	+46	1	9.3	✓
65	+46°	3756	22	30.3	+46	11	9.5	✓
66	+46°	3758	22	30.6	+46	18	9.5	✓
67	+46°	3761	22	31.1	+46	8	9.3	✓
68	+46°	3760	22	31.1	+46	19	9.2	✓
69	+46°	3762	22	31.4	+46	35	9.5	✓
70	+46°	3764	22	31.5	+46	43	9.4	✓
71	+46°	3768	22	32.3	+46	33	8.5	✓
72	+45°	3995	22	30.3	+45	34	9.3	✓
73	+45°	3994	22	30.1	+45	18	9.5	✓ Dble on MC 6617. Only one star in DM.
74	+45°	4001	22	31.7	+45	22	9.2	✓
75	+45°	4003	22	32.0	+45	47	9.1	✓
76	+45°	4006	22	32.7	+45	45	9.3	✓
77	+45°	4008	22	33.0	+45	16	9.0	✓
78	+45°	4011	22	33.8	+45	22	9.1	✓
79	+45°	4021	22	35.6	+45	18	9.2	✓
80	+45°	4028	22	36.3	+45	5	9.3	✓
81	+44°	4211	22	36.9	+44	28	9.4	✓ +44° 4212 sup. 8.8

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1914phae.proj.2179C

Saturday, Nov. 7, 1914

MC 66667

	No	Int.	Class	Remark
	✓ 82	1	K_5	
11:05	✓ 83	1	K_0	
11:10	✓ 84	3	A_3	
	✓ 85	3	A_2	
	✓ 86	2	F_2	
	✓ 87	3	A_0	
	✓ 88	1	K_0	
	✓ 89	1	K_2	
	✓ 90	2	A_2	
	✓ 91	3	K_0	
	✓ 92	2	A	
	✓ 93	2	A_2	
	✓ 94	1	K_2	
	✓ 95	1	K_5	
	✓ 96	2	A_0	
	✓ 97	1	A	
	✓ 98	1	K_5	
	✓ 99	2	K_0	
	✓ 100	3	F_2	
	✓ 101	2	A_0	
	✓ 102	2	F8	
	✓ 103	1	A	Another star sup. on following
	✓ 104	2	K_5	
	✓ 105	2	A_0	
	✓ 106	1	K_5	
	✓ 107	2	K_5	
~~11:15~~	(✓ 108	1	K_0	Another star sup. on following

(over)

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82	+44°	4205	22	36.6	+44	31	9.1	✓
83	+44°	4204	22	36.5	+44	36	9.5	✓
84	+45°	4038	22	38.0	+45	36	9.2	✓
85	+45°	4040	22	38.5	+45	42	9.1	✓
86	+45°	4039	22	38.3	+45	27	9.3	✓
87	+45°	4043	22	38.9	+45	56	9.2	✓
88	+46°	3806	22	37.5	+46	24	9.2	✓
89	+46°	3807	22	38.0	+46	21	9.4	✓
90	+46°	3808	22	38.0	+46	33	9.5	✓
91	+46°	3794	22	35.8	+46	48	9.1	✓
92	+46°	3801	22	36.7	+46	23	9.2	✓
93	+46°	3804	22	37.1	+46	29	9.3	✓
94	Approx.	1855	22	40.6	+45	57		
95	+45°	4046	22	39.7	+45	38	9.5	✓
96	Approx.	1855	22	42.4	+45	17		
97	+46°	3835	22	42.7	+46	1	9.5	✓
98	+46°	3837	22	42.9	+46	14	9.5	✓
99	+46°	3834	22	42.6	+46	32	9.3	✓
100	+46°	3836	22	42.8	+46	35	9.2	✓
101	+46°	3842	22	43.8	+46	35	9.3	✓
102	+46°	3844	22	44.1	+46	32	9.0	✓ +46°3843 sup. 9.4
103	+46°	3851	22	45.5	+46	36	9.4	✓ +46°3854 sup. 9.5
104	+46°	3860	22	46.3	+46	2	9.5	✓
105	+44°	4264	22	47.0	+44	50	9.5	✓
106	+44°	4194	22	33.7	+44	29	9.1	✓
107	+44°	4175	22	29.8	+44	30	9.2	✓
108	+43°	4244	22	30.1	+43	17	9.0	✓ +43°4245 sup. 9.5

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Saturday Nov. 7, 1914
MC 66667

	No	Fut.	Class	Remark
11:17	v 109	2	Ko	

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109 +42° 4517 22 44.8 +42 51 9.0 ✓

Ident. in book by J.B.M. April 17, 1915.

Ident. on cards by A.M.C. April 28, 1915.

Identification compared by S.R.B. April 29, 1915

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Wednesday, Nov. 25, 1914
MC 6673

	No	Fnt	Class	Remark
10:39	1	7	B9	
	2	3	F5	
	3	1	G_0	
	4	4	A_0	
	5	1	G	
	6	2	A_0	
	7	2	G_5	
	8	2	G_5	
	9	5	A_0	
	10	3	A_5	
	11	7	A_0	
	12	2	K_0	
	13	5	A_2	
	14	2	A_2	
	15	3	A_0	
	16	1	A_5	
	17	4	A_0	
	18	3	A_2	
	19	1	G_5	
	20	2	G	Partly sup. on 21
	21	6	K_0	
	22	9	A	
	23	2	Me	
	24	5	A	
	25	7	K	
	26	1	A_2	
	27	2	A_0	

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1	+43°	935	4	7.9	+43	19	7.0 ✓
2	+43°	928	4	4.8	+43	10	9.0 ✓
3	+43°	927	4	4.4	+43	19	9.5 ✓
4	+43°	926	4	3.9	+43	26	8.9 ✓
5	+43°	925	4	3.6	+43	12	9.5 ✓
6	+43°	923	4	2.7	+43	2	9.3 ✓
7	+42°	926	4	5.3	+42	57	9.3 ✓
8	+43°	919	4	2.0	+43	21	9.5 ✓
9	+43°	925 (4)	4	~~3.6~~ 2.8	+43	~~+2~~ 47	~~9.5~~ 8.6 ✓
10	+43°	920	4	2.1	+43	50	9.4 ✓
11	+43°	916	4	1.2	+43	58	8.1 ✓
12	+43°	913	4	0.6	+43	34	9.1 ✓
13	+43°	912	4	0.5	+43	43	8.5 ✓
14	+43°	911	4	0.3	+43	55	9.4 ✓
15	+42°	910	4	0.7	+42	59	9.0 ✓
16	+42°	907	4	0.5	+42	58	9.4 ✓
17	+43°	910	~~3~~ 4	0.2	+43	4	9.0 ✓
18	+43°	909	3	59.3	+43	14	9.4 ✓
19	+43°	903	3	58.8	+43	12	9.4 ✓
20	+43°	900	3	58.6	+43	12	9.2 ✓
21	+43°	899	3	58.6	+43	17	7.9 ✓
22	+42°	897	3	58.2	+42	48	6.5 ✓
23	+42°	~~893~~ 894	3	~~57.4~~ 57.9	+42	~~53~~ 40	~~8.2~~ 8.8 ✓
24	+42°	893	3	57.4	+42	~~28~~ 53	~~8.6~~ 8.2 ✓
25	+43°	892	3	56.4	+43	1	7.3 ✓
26	+43°	891	3	56.2	+43	17	9.4 ✓
27	+43°	895	3	57.2	+43	46	9.3 ✓

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MC 6673

No	Fnt.	Class	Remark
✓ 28	1	A_2	
✓ 29	4	A_0	
✓ 30	2	K_5	
✓ 31	4	B_2	
✓ 32	8	A_2	
✓ 33	5	A_2	
✓ 34	3	A_0	Partly sup. on 33
✓ 35	3	F_8	
✓ 36	2	K_0	
✓ 37	5	F_8	
✓ 38	5	A_2	
✓ 39	2	A_0	
✓ 40	2	K_0	
✓ 41	5	A_0	
✓ 42	2	K_0	
✓ 43	2	G_5	
✓ 44	6	A_3	
✓ 45	3	K_0	
✓ 46	4	A_2	
✓ 47	5	G_5	
✓ 48	3	A_0	
✓ 49	2	F_5	
✓ 50	1	M_a	
✓ 51	8	A	
✓ 52	3	A_2	
✓ 53	4	A_0	
✓ 54	5	A_0	

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28	+43°	893	3	56.8	+43	50	9.4 A star pre. sup. not in DM.
29	+43°	890	3	55.9	+43	48	8.5
30	+43°	888	3	55.4	+43	57	8.8
31	+43°	886	3	55.0	+43	52	8.8
32	+43°	884	3	53.9	+43	35	7.7
33	+43°	882	3	53.6	+43	32	8.4
34	+43°	881	3	53.6	+43	37	9.2
35	+43°	879	3	53.3	+43	24	8.8
36	+43°	880	3	53.5	+43	14	9.2
37	+43°	883	3	53.8	+43	14	8.5
38	+42°	877	3	53.9	+42	58	8.7
39	+42°	873	3	53.5	+42	58	9.3
40	+43°	874	3	52.3	+43	11	9.0
41	+43°	877	3	52.3	+43	41	~~9.0~~ 8.5
42	+43°	871	3	52.0	+43	38	9.2
43	+44°	837	3	51.9	+44	8	9.4
44	+44°	836	3	51.6	+44	8	8.7
45	+44°	838	3	51.9	+44	20	8.9 Star sup. not in DM.
46	+44°	835	3	51.4	+44	20	9.3
47	+44°	834	3	50.9	+44	1	8.6
48	+44°	832	3	50.5	+44	1	9.4
49	+44°	829	3	49.9	+44	8	9.2
50	+43°	859	3	49.6	+43	59	9.2
51	+44°	826	3	49.3	+44	4	7.7
52	+44°	824	3	49.0	+44	14	9.0
53	+44°	828	3	49.7	+44	20	8.9
54	+44°	827	3	49.7	+44	29	8.7

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No	Int	Class	Remark
✓ 55	4	a_2	
✓ 56	5	g_0	
✓ 57	5	a_0	Another star sup. on preced.?
✓ 58	7	B3	
✓ 59	1	k_5	
✓ 60	2	B8	
✓ 61	2	a_3	
✓ 62	2	a_0	
✓ 63	2	k_5	
✓ 64	3	a_5	
✓ 65	4	k_0	
✓ 66	5	K0	
✓ 67	4	a_0	Partly sup. on 66
68	4	a_0	Another star sup. at north
✓ 69	1	K_2	
✓ 70	1	a	
✓ 71	5	K_0	
✓ 72	3	a_2	
✓ 73	2	a	Partly sup. on 72
✓ 74	1	a	
✓ 75	1	a	
✓ 76	2	k_0	
✓ 77	2	k_5	
✓ 78	6	A2	
✓ 79	2	F5	
✓ 80	3	F5	
✓ 81	3	k_0	

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55	+44°	822	3	48.7	+44	44	9.0	✓
56	+44°	819	3	47.7	+44	38	9.2	✓
57	+44°	818	3	46.6	+44	25	8.8	✓ Star sup. on pre. side not in Dm.
58	+44°	816	3	46.2	+44	30	7.8	✓
59	+44°	815	3	46.0	+44	3	9.3	✓
60	+44°	817	3	46.5	+44	10	9.3	✓
61	+43°	847	3	47.5	+43	40	9.2	✓
62	+43°	848	3	47.8	+43	34	9.4	✓
63	+43°	852	3	48.8	+43	36	8.9	✓
64	+43°	855	3	49.0	+43	21	9.0	✓
65	+43°	854	3	49.0	+43	13	8.8	✓ +43° 853 sup. 9.5
66	+42°	859	3	49.4	+42	56	8.8	✓
67	+42°	860	3	49.4	+42	55	8.6	✓
68	Approx.	1855	3	50.0	+43	15		+43° 861 sup. 9.3
69	+43°	865	3	50.9	+43	29	9.2	✓
70	+43°	862	3	50.0	+43	7	9.5	✓
71	+43°	866	3	51.1	+43	3	8.1	✓
72	+43°	867	3	51.3	+43	4	9.0	✓
73	+43°	869	3	51.4	+43	2	9.2	✓
74	+43°	876	3	52.6	+43	53	9.5	✓
75	~~+44~~ Approx.	1855	3	52.1	+44	36		
76	+44°	842	3	53.1	+44	33	9.2	✓
77	+44°	849	3	52.3	+44	54	9.4	✓
78	+45°	860	3	51.9	+45	18	8.4	✓
79	+45°	859	3	51.9	+45	29	9.5	✓
80	+45°	861	3	52.2	+45	35	9.4	✓
81	+45°	863	3	52.5	+45	34	9.4	✓

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No	Int.	Class	Remark
✓ 82	2	a_2	
✓ 83	2	a_0	
✓ 84	2	g_5	
✓ 85	7	d	
✓ 86	3	K_0	
✓ 87	3	a_0	
✓ 88	1	g_5	
✓ 89	5	g_5	
✓ 90	4	a_0	
✓ 91	4	B_9	
✓ 92	4	a_0	
✓ 93	4	B_9	
✓ 94	8	g_5	
✓ 95	2	K_0	
✓ 96	2	a_0	
✓ 97	1	K_2	
✓ 98	5	B_8	Line 4026 very broad. Another star sup.^{2}
✓ 99	2	F_2	
✓ 100	4	F_2	
✓ 101	7	g_5	
✓ 102	3	K_0	
✓ 103	2	a_0	
✓ 104	7	a_3	
✓ 105	3	a_2	
✓ 106	2	a	another star sup. on following
✓ 107	4	F_0	
✓ 108	4	a_2	

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82	Approx.	1855	3	53.5	+46	26		
83	+45°	864	3	54.1	+45	34	9.5	✓
84	+45°	866	3	55.0	+45	11	9.4	✓
85	+45°	868	3	55.4	+45	13	8.6	✓
86	+45°	870	3	56.1	+45	15	9.2	✓
87	+45°	871	3	56.4	+45	22	9.5	✓
88	+45°	872	3	56.7	+45	11	9.5	✓
89	+45°	876	3	57.8	+45	12	8.3	✓
90	+44°	863	3	58.4	+44	52	9.1	✓
91	+44°	853	3	56.3	+44	35	9.0	✓
92	+44°	855	3	56.6	+44	30	9.2	✓
93	+44°	859	3	57.5	+44	26	9.1	✓
94	+44°	862	3	58.1	+44	17	7.5	✓
95	+43°	898	3	58.3	+43	58	9.2	✓
96	+44°	864	3	59.1	+44	11	9.5	✓
97	+44°	857	3	56.9	+44	15	9.2	✓
98	+44°	856	3	56.7	+44	16	8.9	✓ Only one star on $\overset{7025}{K}$
99	+44°	854	3	56.6	+44	16	9.2	✓
100	+45°	886	4	0.3	+45	7	9.1	✓
101	+45°	887	4	0.9	+45	2	7.4	✓
102	+44°	878	4	1.8	+44	30	8.8	✓
103	~~+45°~~ +44°	~~890~~ 872	4	1.8	~~+45~~ +44	~~41~~ 18	~~8.4~~ 9.4	✓
104	+44°	881	4	4.0	+44	23	7.7	✓
105	+44°	887	4	4.5	+44	22	9.3	✓ 1st Star sup. on pre. pair not in Dm.
106	+44°	884	4	4.4	+44	33	9.4	✓ +44° 885 sup. 9.3
107	+44°	883	4	4.4	+44	50	8.8	✓
108	+44°	886	4	4.5	+44	0	8.8	✓

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No	Int.	Class	Remark
✓ 109	2	a_5	
✓ 110	7	g_5	
✓ 111	2	A	
✓ 112	3	F_8	
✓ 113	7	F_5	
✓ 114	1	Ma	
✓ 115	7	B_9	
✓ 116	2	A_0	
✓ 117	7	B_9	
✓ 118	1	g	Partly sup. on 119
✓ 119	9	A	Another star sup. on preceding
✓ 120	2	g	
✓ 121	1	K	
✓ 122	2	g_0	
✓ 123	3	A_0	
✓ 124	3	A_2	
✓ 125	9	A_0	
✓ 126	7	B	Hβ bright. Partly sup. on 125
✓ 127	5	K_2	
✓ 128	7	F_0	
✓ 129	2	K_5	
✓ 130	4	A_2	
✓ 131	3	K_0	
✓ 132	2	A_2	
✓ 133	6	F_8	
✓ 134	5	A_2	Partly sup. on 135
✓ 135	6	F_0	

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109	+44°	888	4	4.9	+44	55	9.5	✓
110	+45°	898	4	5.4	+45	2	8.1	✓
111	+45°	900	4	6.2	+45	17	9.5	✓
112	+45°	902	4	6.4	+45	16	9.2	✓
113	+45°	906	4	7.7	+45	15	8.5	✓
114	+44°	896	4	6.5	+44	53	9.3	✓
115	+44°	901	4	8.0	+44	19	7.8	✓
116	+44°	904	4	8.3	+44	19	9.5	✓
117	+44°	893	4	5.5	+44	19	8.0	✓ +44°894 sup. 9.4
118	+44°	891	4	5.0	+44	20	9.1	✓
119	+44°	890	4	5.0	+44	24	7.5	✓ +44°889 sup. 8.9
120	+44°	900	4	6.9	+44	34	9.5	✓
121	+44°	897	4	6.8	+44	40	9.4	✓ +44°898 sup. 9.3
122	+44°	902	4	8.1	+44	48	9.4	✓
123	+45°	908	4	8.5	+45	45	9.5	✓
124	+45°	907	4	7.9	+45	54	9.5	✓
125	+45°	905	4	6.9	+45	50	7.0	✓
126	+45°	904	4	6.9	+45	51	8.5	✓
127	+45°	899	4	5.8	+45	46	7.5	✓
128	+45°	896	4	4.9	+45	56	8.0	✓
129	+45°	895	4	4.6	+45	40	8.7	✓
130	+45°	894	4	4.1	+45	51	9.0	✓
131	+45°	893	4	3.8	+45	39	9.1	✓
132	+45°	891	4	2.8	+45	25	9.5	✓
133	+46°	890	4	1.6	+45	41	8.4	✓
134	+46°	851	4	1.6	+46	2	8.8	✓
135	+46°	852	4	1.6	+46	8	8.5	✓

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No	Int.	Class	Remark
v 136	3	a_0	
v 137	2	a_2	
v 138	4	a_2	
v 139	7	J^8	
v 140	3	a_0	
v 141	3	K_2	
v 142	4	K_2	
v 143	2	l_4	Partly sup. on 142
v 144	5	B^8	
v 145	3	l_5	
v 146	3	B_9	Partly sup. on 147
v 147	9	a_0	
v 148	2	a_0	
v 149	4	a_0	
v 150	2	K_2	Partly sup. on 151
v 151	2	K_2	
v 152	2	a_3	
v 153	2	a_2	
v 154	3	a_0	
v 155	4	J^8	
v 156	7	a_2	
v 157	5	a_0	
v 158	5	J^8	
v 159	6	a_0	
v 160	2	K_2	
v 161	3	K_0	
v 162	4	J_5	

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136	+46°	855	4	2.9	+46	8	9.5	✓
137	+46°	856	4	3.1	+46	2	9.5	✓
138	+46°	849	4	1.5	+46	33	9.0	✓
139	+46°	848	~~3~~ 4	0.9	+46	32	8.0	✓
140	+46°	846	3	59.4	+46	13	9.5	✓
141	+46°	844	3	58.7	+46	18	9.1	✓
142	+46°	843	3	58.1	+46	18	8.8	✓ Maybe both these stars are intended for the one √DM.
143	Approx.	1855	3	58.1	+46	18		√DM.
144	+45°	878	3	58.1	+45	59	8.6	✓
145	+45°	877	3	58.0	+45	52	8.7	✓
146	+45°	879	3	58.5	+45	46	9.4	✓
147	+45°	881	3	58.6	+45	50	7.3	✓
148	+45°	884	3	58.9	+45	41	9.5	✓
149	+45°	875	3	57.2	+45	37	9.2	✓
150	+45°	873	3	56.9	+45	52	9.4	✓
151	+45°	874	3	56.9	+45	58	9.5	✓
152	+45°	869	3	55.7	+45	48	9.5	✓
153	+45°	865	3	54.9	+45	59	9.4	✓
154	+46°	837	3	54.8	+46	13	9.4	✓
155	+45°	862	3	52.2	+45	52	9.0	✓
156	+46°	836	3	52.3	+46	34	8.2	✓
157	+46°	834	3	50.9	+46	31	9.1	✓
158	+46°	830	3	50.0	+46	23	9.0	✓
159	+45°	858	3	49.7	+45	17	8.5	✓
160	+45°	856	3	49.2	+45	5	9.0	✓
161	+45°	853	3	48.5	+45	26	9.0	✓
162	+45°	851	3	47.9	+45	22	9.3	✓

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No	Int.	Class	Remark
✓ 163	2	A3	
✓ 164	3	A2	
✓ 165	6	A0	
✓ 166	5	F8	
✓ 167	2	K5	Nearly Ma
✓ 168	2	K2	
✓ 169	3	A0	
✓ 170	3	A0	
✓ 171	6	F8	
✓ 172	10	A	
✓ 173	8	B9	
✓ 174	5	K2	
11:17 ✓ 175	4	A3	
176			

176 2 A

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1914phae.proj.2179C

163	+45°	855	3	48.6	+45	51	9.4 ✓
164	+46°	826	3	47.6	+46	14	9.3 ✓
165	+46°	824	3	46.5	+46	29	8.9 ✓
166	+46°	822	3	46.1	+46	9	9.0 ✓
167	+46°	823	3	46.4	+46	1	9.4 ✓
168	+45°	845	3	46.4	+45	56	9.1 ✓
169	+45°	847	3	46.9	+45	44	9.5 ✓
170	+45°	844	3	45.9	+45	3	9.2 ✓
171	+42°	854	3	46.8	+42	49	8.3 ✓
172	+42°	855	3	47.4	+42	54	7.4 ✓
173	+46°	857	4	6.3	+46	23	7.9 ✓
174	+46°	859	4	6.8	+46	20	7.9 ✓
175	+46°	862	4	8.3	+46	32	8.8 ✓

Idents. in book by J & M. April 14, 1915.

Idents on cards by Anne. April 17, 1915.

Identification compared by S.B.B. April 20, 1915

176 +44° 854 3 56.6 +44 16 9.2 99 in MC6673

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Saturday, Dec. 26, 1914
MC 7197

	No	Int.	Class	Remark
10:07	1	8	A2	
	2	1	K5	
	3	2	F5	
	4	4	A0	
	5	3	F8	
	6	1	K0	
	7	1	F5	
	8	2	F2	
	9	2	A0	Another star sup. s.f.
	10	2	K	Partly sup. or bright star at north
	11	2	A2	
	12	2	A0	
	13	2	F8	
	14	3	A0	Another star sup. n.f.
	15	1	A	
	16	2	A	
	17	1	A	
	18	1	A	
	19	1	A	
	20	1	K5	
	21	5	F5	
	22	1	F2	
	23	1	F8	
	24	2	K2	
	25	2	A0	Another star sup. n.p.
	26	1	K0	

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1	+43°	938	4	8.3	+43	22	7.0	✓
2	+43°	933	4	6.6	+43	10	9.5	✓
3	+44°	905	4	8.4	+44	4	9.4	✓
4	+44°	904	4	8.3	+44	19	9.5	✓
5	+44°	900	4	6.9	+44	34	9.5	✓
6	+44°	897	4	6.8	+44	40	9.4	✓
7	+44°	898	4	6.9	+44	43	9.3	✓
8	+44°	895	4	6.2	+44	56	9.4	✓
9	+44°	884	4	4.4	+44	33	9.4	✓ +44°885 sup. 9.3
10	+44°	891	4	5.0	+44	20	9.1	✓
11	+44°	880	4	3.9	+44	12	9.4	✓
12	+44°	878	4	3.2	+44	10	9.5	✓
13	+43°	925	4	3.6	+43	12	9.5	✓
14	+43°	920	4	2.1	+43	50	9.4	✓ No. 8 of Polar Seq. sup.
15	+43°	922	4	2.7	+43	16	9.5	✓
16	+42°	907	4	0.5	+42	58	9.4	✓
17	+43°	914	4	0.9	+43	44	9.4	✓
18	Approx.	1855	4	1.6	+44	32		
19	Approx.	1855	4	1.2	+44	40		
20	+44°	870	4	1.1	+44	59	9.4	✓
21	+45°	886	4	0.3	+45	7	9.1	✓
22	+45°	885	3	59.3	+45	5	9.5	✓
23	+45°	880	3	58.5	+45	6	9.5	✓
24	+44°	861	3	57.7	+44	43	9.2	✓
25	+44°	860	3	57.6	+44	55	9.4	✓ Star sup. n.p. not in DM.
Polar seq.	26	No.	+88°	2				

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Saturday, Dec. 26, 1914
MC 7197

No	Int.	Class	Remark
✓ 27	1	Ks	
✓ 28	2	K5	
✓ 29	7	B9	
✓ 30	4	K0	
✓ 31	4	A0	
✓ 32	3	A0	
✓ 33	2	A0	
✓ 34	1	A	
✓ 35	1	A	
✓ 36	2	F8	
✓ 37	1	K5	
✓ 38	1	K5	
✓ 39	6	B9	
✓ 40	4	F8	
✓ 41	2	A0	
✓ 42	2	K0	
✓ 43	2	A2	
✓ 44	1	K0	
✓ 45	6	B	Lines very indistinct Perhaps Bo. Partly sup. on 46
✓ 46	8	A0	
✓ 47	2	A2	
✓ 48	1	K0	
✓ 49	1	K2	
✓ 50	5	F8	
✓ 51	3	F8	
✓ 52	1	A	

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27	+43°	901	3	58.6	+43	38	9.5 ✓
28	+43°	896	3	57.6	+43	34	9.5 ✓
29	+42°	893	3	57.4	+42	53	8.2 ✓
30	+42°	885	3	55.8	+42	54	8.7 ✓
31	+42°	884	3	55.5	+42	56	9.0 ✓
32	+43°	869	3	51.4	+43	2	9.2 ✓
33	+43°	862	3	50.0	+43	7	9.5 ✓
34	+43°	876	3	52.6	+43	53	9.5 ✓
35	Approx.	1855	3	52.1	+44	35	
36	+44°	842	3	53.1	+44	33	9.2 ✓
37	+44°	845	3	54.1	+44	40	9.5 ✓
38	+44°	843	3	53.6	+44	20	9.5 ✓
39	+45°	868	3	55.4	+45	13	8.6 ✓
40	+44°	906	4	8.7	+44	58	9.0 ✓
41	+45°	909	4	8.6	+45	5	9.4 ✓
42	+45°	908 (10)	4	8.5 (7)	+45	45 (0)	9.5 (4) ✓
43	+45°	900	4	6.2	+45	17	9.5 ✓
44	+45°	903	4	6.8	+45	39	9.5 ✓
45	+45°	904	4	6.9	+45	51	8.5 ✓
46	+45°	905	4	6.9	+45	50	7.0 ✓
47	+46°	861	4	7.3	+46	7	9.5 ✓
48	Approx.	1855	4	7.8	+46	36	
49	+46°	864	4	8.4	+46	50	9.4 ✓
50	+46°	860	4	7.1	+46	54	8.8 ✓
51	+46°	858	4	6.6	+46	50	9.5 ✓
52	Approx.	1855	4	8.0	+46	29	

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Saturday, Dec. 26, 1914
MC 7197

	No	Pht.	Class	Remark
✓	53	1	a	Partly sup. on 54
✓	54	1	a	Sup. on 53 at north
✓	55	1	a	
✓	56	2	a0	
✓	57	2	k5	
✓	58	2	F8	
	59	2	k5	
✓	60	1	a	
✓	61	1	K5	
✓	62	4	a0	
✓	63	3	a0	
✓	64	3	K0	
✓	65	3	a2	
✓	66	1	k5	
✓	67	1	k	
✓	68	6	F5	
✓	69	6	F5	
✓	70	9	a2	
✓	71	1	a	
✓	72	1	a	
✓	73	3	K0	
✓	74	4	F2	
✓	75	8	K0	
✓	76	6	B5	
✓	77	2	a2	
✓	78	3	a2	

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53	+46°	863	4	8.3	+46	4	9.4	✓
54								✓
55	Approx.	1855	4	8.6	+46	1		+46° 865 sup. 9.5
56	Approx.	1855	4	2.2	+46	19		
57	Approx.	1855	4	3.0	+45	37		
58	Approx.	1855	4	3.7	+45	43		
59	+45°	889	4	1.4	+45	35	9.4	2 elms superposed, Mountain which is Clinging Omit
60	Approx.	1855	4	0.3	+45	53		
61	+46°	853	4	2.1	+46	40	9.3	✓
62	+46°	850	4	1.6	+46	54	9.2	✓
63	Approx.	1855	3	59.7	+46	54		
64	+46°	845	3	59.2	+46	54	9.4	✓
65	Approx.	1855	3	58.6	+46	49		
66	Approx.	1855	3	59.0	+46	46		
67	Approx.	1855	3	57.7	+46	24		
68	+46°	839	3	55.6	+46	52	8.5	✓
69	+46°	838	3	55.3	+46	49	8.5	✓
70	+46°	840	3	55.7	+46	32	7.2	✓
71	Approx.	1855	3	53.9	+46	33		
72	+46°	835	3	50.9	+46	46	9.5	✓
73	+46°	832	3	50.1	+46	49	9.3	✓
74	+46°	829	3	48.9	+46	46	9.5	✓
75	+47°	927	3	51.0	+47	2	7.3	✓
76	+47°	929	3	51.9	+47	5	8.1	✓
77	+46°	831	3	50.1	+46	4	9.5	✓
78	+46°	825	3	47.5	+46	31	9.5	✓

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Saturday, Dec. 26, 1914
MC 7197

	No	Int.	Class	Remark
✓	79	3	~~F8~~	Partly sup. on 80
✓	80	6	B9	
✓	81	3	A0	
✓	82	3	B9	
✓	83	2	~~F8~~	
✓	84	2	A5	
✓	85	1	K0	
✓	86	3	A3	
✓	87	3	F8	
10:28 ✓	88	2	A3	
	~~89~~			

89 1 Ar

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79	+46°	821	3	46.0	+46	27	9.3	✓
80	+46°	820	3	45.9	+46	32	9.0	✓
81	+46°	819	3	45.9	+46	48	9.5	✓
82	+45°	846	3	46.5	+45	27	9.2	✓
83	+45°	843	3	45.5	+45	54	9.5	✓
84	+44°	814	3	45.8	+44	48	9.4	✓
85	+45°	854	3	48.6	+45	5	9.3	✓
86	+45°	859	3	51.9	+45	29	9.5	✓
87	+44°	829	3	49.9	+44	8	9.2	✓
88	+44°	831	3	50.4	+44	10	9.5	✓

Identn. in book by J & M. April 14, 1915.
Identn. on cards by A.W.C. April 23, 1915
Identification compared by E.R.B. April 24, 1915

89	+44°	881	4	4.0	+44	23	7.7	Same as 104 on MC 6673

Cards made out by A.J.C.

1914phae.proj.2179C

Friday, Oct. 1, 1915

MC 7195

	No	Wt	Class	Remark
10:52	1	4	B0p	Hβ light
	2	8	A0	
	3	2	K5	
	4	4	A0	
	5	5	B3	Hβ dr.2
	6	4	B	Lines indistinct. Perhaps B3
	7	5	B3	
	8	3	B8	
	9	2	A0	
	10	2	K2	
	11	7	A2	Lines narrow. Prob. like χ Cygni
	12	2	A0	
	13	3	B8	
	14	1	A3	
	15	1	A0	
	16	2	K5	
	17	1	G8	
	18	7	B8	
	19	4	A3	
	20	6	A0	
	21	3	A0	
	22	4	B9	
	23	2	B8	
	24	1	Ma	
	25	3	A0	
	26	2	K5	

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1914phae.proj.2179C

1	+56°	642	2	21.0	+56	15.0	8.6 ✓
2	+56°	637	2	19.8	+56	1.1	8.1 ✓
3	+55°	630	2	19.0	+55	48.0	9.2 ✓
4	+55°	629	2	18.9	+55	58.5	9.0 ✓
5	+56°	635	2	19.7	+56	35.6	8.4 +56° 636 magn. 9.5 ∧ super. n.f.
6	+56°	648	2	22.0	+56	47.0	8.0 ✓
7	+56°	656	2	23.1	+56	53.2	7.7 ✓ +56° 657 sup. 9.5
8	+57°	584	2	22.4	+57	19.0	8.2 ✓
9	+56°	638	2	20.0	+56	58.9	9.4 ✓
10	+57°	578	2	19.7	+57	8.6	8.7 ✓
11	+57°	576	2	19.6	+57	10.2	7.0 ✓
12	Approx	1855	2	19.0	+57	6	
13	+57°	572	2	19.2	+57	28.3	9.0 ✓
14	+57°	574	2	19.3	+57	21.4	9.5 ✓
15	+57°	571	2	17.5	+57	25.8	9.5 ✓
16	+57°	570	2	17.0	+57	12.1	9.3 ✓
17	+57°	569	2	16.8	+57	20.0	9.4 ✓
18	+56°	630	2	17.9	+56	37.1	8.2 ✓
19	+56°	631	2	18.0	+56	34.5	9.0 ✓
20	+56°	632	2	19.0	+56	26.2	8.4 ✓
21	+56°	622	2	16.2	+56	14.9	9.3 ✓
22	+56°	620	2	16.0	+56	24.6	8.6 ✓
23	+56°	611	2	15.3	+56	32.0	9.0 ✓
24	+56°	609	2	15.1	+56	46.8	8.4 ✓
25	+56°	605	2	14.4	+56	33.0	9.3 ✓
26	+56°	608	2	14.6	+56	23.2	9.2 ✓

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Friday, Oct. 1, 1915

MC 7195

No	Int	Class	Remark
27	3	A_0	
28	1	K_5	Perhaps Ma
29	3	B_8	Another star sup. at south
30	2	B_9	
31	2	Ma	
32	4	B_2	
33	3	Ma	
34	3	A_0	Partly sup. on 33
35	2	A_0	
36	1	A_0	
37	4	B_3	
38	3	A_5	
39	2	A_2	
40	2	K_5	
41	3	F_0	
42	1	A	Another star sup. at north
43	4	B	" " " " south. Prob. also B
44	3	B_5	
45	2	Ma	
46	2	K_5	
47	3	B_8	Hβ br. Sp. almost cont.
48	7	A_0	Lines narrow
49	4	B	
50	2	K_5	
51	2	A_3	
52	4	A_3	

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1914phae.proj.2179C

27	+56°	600	2	13.4	+56	12.7	9.1 ✓
28	+56° Approx	597 +855	2	13.2	+56	32.7	8.6 ✓
29	+56°	602	2	13.8	+56	41.5	8.9 ✓ +56° 601 magn. 9.4
30	+56°	588	2	12.5	+56	25.4	9.0 ✓
31	+56°	583	2	12.2	+56	26.3	8.6 ✓
32	+56	567	2	11.7	+56	14.2	8.4 ✓
33	+55°	597	2	12.0	+55	56.2	8.2 ✓
34	+55°	596	2	11.9	+55	51.7	9.1 ✓
35	Approx	1855	2	11.7	+55	46	
36	Approx	1855	2	12.0	+55	45	
37	+55°	587	2	10.5	+55	39.1	8.7 ✓
38	+55°	581	2	9.9	+55	55.1	9.1 ✓
39	+55°	577	2	9.7	+55	41.5	9.5 ✓ +55° 578 sup. 9.5
40	+55°	575	2	9.5	+55	12.3	9.3 ✓
41	+55°	583	2	10.2	+55	15.3	8.9 ✓
42	+55°	586	2	10.5	+55	22.8	9.5 ✓ +55° 585 magn. 9.5
43	+56°	555	2	11.0	+56	11.7	8.8 ✓ +56° 556 magn. 9.2
44	+56°	550	2	10.7	+56	15.2	9.2 ✓
45	+56°	547	2	10.3	+56	19.4	8.2 ✓
46	+56°	551	2	10.8	+56	29.3	8.2 ✓
47	+56°	565	2	11.6	+56	43.2	9.1 ✓
48	+56°	568	2	11.7	+56	34.4	6.7 ✓
49	+56°	570	2	11.8	+56	28.6	8.5 ✓ +56° 571 sup. 9.1
50	+57°	550	2	11.4	+57	11.1	8.5 ✓
51	Approx	1855	2	11.0	+57	13	✓
52	+57°	541	2	9.5	+57	0.0	9.1 ✓

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1914phae.proj.2179C

Friday, Oct. 1, 1915

MC 7195

No	Mt	Class	Remark
53	1	K2	
54	2	A3	
55	3	B5	
56	3	B8	
57	4	B2	
58	1	A0	
59	2	A0	Another star sup. at south
60	3	F0	" " " 2.
61	3	B8	
62	2	K0	
63	2	K5	
64	5	K0	
65	5	A0	
66	1	A0	Partly sup. on 65
67	2	A2	
68	4	B9	
69	7	B3	
70	5	B3	
71	5	F5	
72	3	A0	
73	1	K5	Another star sup. on preced.
74	5	F8	
75	2	A2	
76	1	K2	
77	3	A0	
78	3	F8	

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1914phae-proj.2179C

53	+56°	539	2	9.5	+56	56.1	9.0 ✓	
54	+56°	536	2	9.5	+56	50.1	9.3 ✓	
55	+56°	545	2	10.1	+56	25.5	8.5 ✓	
56	+56°	507	2	8.6	+56	5.2	9.2 ✓	
57	+56°	485	2	7.7	+56	24.9	8.7 ✓	
58	+56°	499	2	8.3	+56	53.3	9.3 ✓	
59	+56°	487	2	8.0	+56	49.0	9.2 ✓	+56° 488 magn. 9.4
60	+56°	466	2	6.1	+56	56.5	9.2 ✓	+56° 465 magn. 9.5
61	+57°	527	2	5.9	+57	4.0	8.8 ✓	
62	+56°	461	2	4.9	+56	54.3	9.0 ✓	
63	+56°	458	2	4.8	+56	59.7	9.0 ✓	
64	+57°	531	2	4.0	+57	14.0	8.8 ✓	
65	+56°	452	2	3.7	+56	49.9	9.2 ✓	+56° 451 sup. 9.3.
66	+56°	451	2	3.6	+56	50.1	9.3 ✓	
67	+56°	456	2	4.7	+56	31.0	9.5 ✓	
68	+55°	553	2	5.7	+55	27.1	9.1 ✓	+55° 555 sup. 9.5.
69	+55°	554	2	5.8	+55	19.0	7.9 ✓	
70	+55°	551	2	5.0	+55	4.0	8.0 ✓	
71	+55°	552	2	5.1	+55	6.8	8.0 ✓	
72	+54°	492	2	4.6	+54	54.1	9.5 ✓	
73	+55°	559	2	6.7	+55	22.2	9.3 ✓	
74	+55°	560	2	7.2	+55	14.5	8.4 ✓	
75	+55°	561	2	7.3	+55	19.2	9.0 ✓	
76	+55°	594	2	11.4	+55	35.7	9.5 ✓	
77	+55°	608	2	14.3	+55	6.6	9.2 ✓	
78	+55°	611	2	14.8	+55	19.6	9.4 ✓	

Numbers changed.

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1914phae.proj.2179C

Friday, Oct. 1, 1915

MC 7195

	No	Mt	Class	Remark
✓	79	4	G_0	
✓	80	4	O_2	
✓	81	4	A_0	
✓	82	1	A_0	
✓	83	2	B_3	
✓	84	3	A_0	
✓	85	2	K_0	
✓	86	3	A_2	
✓	87	1	K_5	
✓	88	3	A_0	
✓	89	2	F_5	Another star sup. at south
✓	90	1	A_0	
✓	91	1	K_2	
✓	92	2	A_3	
✓	93	3	A_0	
✓	94	2	F_2	
✓	95	2	K_0	
✓	96	1	A_0	
✓	97	2	A_2	
✓	98	1	K_5	Another star sup. at south
✓	99	2	K_5	" " " n.f.
✓	100	3	B_8	" " " n.f.
✓	101	2	B_8	
✓	102	3	B_5	
✓	103	1	G_0	
11:20	✓	104	1	K_2

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1914phae.proj.2179C

79	+57°	573	2	19.2	+57	50.9	9.0	✓
80	+58°	467	2	16.3	+58	12.6	8.0	✓
81	+58°	468	2	16.3	+58	27.5	8.8	✓
82	+57°	553	2	13.9	+57	26.8	8.0	✓
83	+57°	551	2	12.2	+57	29.3	9.2	✓
84	Approx	1855	2	10.6	+58	20		
85	Approx	1855	2	10.4	+58	14		
86	+58°	443	2	9.6	+58	23.8	9.5	✓
87	+58°	439	2	9.0	+58	16.7	var.	✓
88	+58°	434	2	7.6	+58	13.4	9.4	✓
89	+57°	547	2	11.1	+57	52.1	9.4	✓ +57° 548 magn. 9.5
90	Approx	1855	2	10.3	+57	49		
91	+57°	532	2	7.0	+57	27.3	9.4	✓
92	+57°	517	2	3.0	+57	52.2	9.5	✓
93	+57°	511	2	2.0	+57	38.9	9.3	✓
94	+57°	509	2	1.5	+57	35.9	9.4	✓
95	+57°	506	2	0.7	+57	45.6	9.1	✓
96	+57°	505	2	0.3	+57	1.4	9.5	✓
97	+56°	435	2	0.2	+56	41.3	9.4	✓
98	+56°	441	2	1.7	+56	35.1	9.2	✓ +56° 440 magn. 9.5
99	+56°	444	2	2.1	+56	13.9	9.0	✓ Two stars quite near within. maybe Cat. star.
100	+55°	543	2	3.6	+55	53.0	9.0	✓ +55° 542 magn. 9.2
101	+56°	457	2	4.8	+56	10.5	9.5	✓ jupn. 30 north. +56° 449 magn. 9.5
102	+56°	478	2	7.1	+56	13.3	8.8	✓
103	+57°	518	2	3.3	+57	12.6	9.5	✓
104	+57°	524	2	5.0	+57	28.8	9.1	✓

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Saturday, Oct. 2, 1915

MC 7195

	No	Fil	Class	Remark
10:30	105	1	A0	
	106	1	A0	
	107	2	K5	
	108	4	A2	
	109	2	A0	
	110	1	A0	
	111	6	A3	
	112	4	A0	
	113	2	K2	Partly sup. on 114
	114	1	A0	" " " 113
	115	5	A0	" " " 116
	116	3	A0	" " " 115
	117	3	A0	
	118	6	B	
	119	2	A0	
	120	2	B9	
	121	2	A2	
	122	3	A0	
	123	2	A0	
	124	4	B	Lines indistinct
	125	2	A0	
	126	2	B5	
	127	1	A0	
	128	2	A0	
	129	1	A0	
	130	1	K0	

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105	Approx	1855	2	4.0	+58	28.5		
106	+58°	407	2	4.3	+58	20.7	9.5	✓
107	+58°	411	2	4.8	+58	22.2	9.2	✓
108	+58°	413	2	4.9	+58	25.7	9.1	✓
Numbers	~~109~~ 110	+58°	415	2	5.1	+58	28.6	9.4 ✓
Changed.	~~110~~ 109	+58°	417	2	5.2	+58	~~33.6~~ 24.6	~~8.5~~ 9.5 ✓
111	+58°	420	2	5.8	+58	~~24.6~~ 33.6	9.5 ✓
112	+58°	416	2	5.2	+58	41.9	8.8 ✓	
113	+58°	414	2	4.9	+58	39.1	9.3 ✓	Identified, independently in 1884.3 by L. D. U.
114	Approx	1855	2	4.8	+58	40	✓	
115	+58°	412	2	4.8	+58	49.5	9.0 ✓	
116	+58°	410	2	4.7	+58	55.2	9.2 ✓	
117	+58°	401	2	3.4	+58	56.2	9.2 ✓	
118	+58°	396	2	2.7	+58	51.2	8.2 ✓	
119	+58°	398	2	3.0	+58	38.0	9.5 ✓	
120	Approx	1855	2	0.4	+58	33		
121	+58°	380	1	58.6	+58	23.9	9.5 ✓	
122	+58°	377	1	57.8	+58	48.2	9.0 ✓	
123	+58°	378	1	58.2	+58	54.3	9.0 ✓	
124	+58°	384	1	59.4	+58	56.0	8.5 ✓	
125	Approx	1855	2	0.0	+58	50		
126	+58°	385	1	59.5	+58	25.1	9.3 ✓	
127	+58°	386	1	59.5	+58	12.9	9.3 ✓	
128	+57°	495	2	58.7	+57	50.5	9.0 ✓	Only one star in var. Two stars on chart plate
129	+57°	491	1	57.9	+57	39.1	9.3 ✓	
130	+57°	492	1	57.9	+57	13.2	9.4 ✓	

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1914phae.proj.2179C

Saturday, Oct. 2, 1915
MC 7195

No	Mr	Class	Remark
131	4	B9	
132	3	A0	
133	1	A3	
134	2	A0	
135	3	B3	
136	3	A0	
137	2	A5	
138	2	A0	
139	6	A5	
140	1	K5	
141	1	K0	
142	3	A0	
143	2	A0	
144	2	B5	
145	4	B8	
146	3	F8	
147	2	B9	Another star sup. at north, Prob. close by
148	3	A0	
149	3	B8	
150	5	K0	
151	1	A0	Partly sup. on 150
152	3	A0	
153	2	A0	Another star sup. at south
154	2	A3	
155	3	A0	
156	1	K2	

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131	+56°	433	1	59.7	+56	1.1	8.9 ✓
132	+55°	526	2	59.7	+55	52.7	9.1 ✓
133	+56°	434	1	59.8	+56	0.4	9.4 ✓
134	+55°	525	1	59.5	+55	38.7	9.5 ✓
135	+55°	519	1	59.0	+55	23.3	9.2 ✓
136	+55°	528	2	0.0	+55	18.4	9.0 ✓
137	+55°	512	1	58.4	+55	23.9	9.2 ✓
138	+55°	514	1	58.4	+55	42.9	9.4 ✓ super. at north. +55° 513 magn. 9.4
139	+55°	515	1	58.6	+55	46.9	8.5 ✓
140	+55°	501	1	57.2	+55	41.3	8.8 ✓
141	+55°	502	1	57.2	+55	32.0	9.0 ✓
142	+55°	503	1	57.4	+55	20.1	8.7 ✓
143	+55°	507	1	57.7	+55	17.4	9.5 ✓
144	+55°	520	1	59.0	+55	0.2	9.4 ✓
145	+54°	482	2	3.0	+54	40.0	9.1 ✓
146	+54°	503	2	6.2	+54	50.1	9.3 ✓
147	+54°	505	2	6.6	+54	44.9	9.5 ✓ +54° 506 magn. 9.4
148	+54°	509	2	7.5	+54	38.2	9.1 ✓
149	+54°	524	2	10.8	+54	39.0	8.5 ✓
150	+54°	525	2	11.0	+54	44.4	7.0 ✓
151	+54°	526	2	11.0	+54	45.4	9.0 ✓
152	+54°	527	2	11.8	+54	57.3	9.5 ✓
153	Approx +55	1855	2	16.6	+55	17	+55° 617 magn. 9.5
154	+55°	625	2	17.9	+55	3.8	9.4 ✓
155	+54°	553	2	18.6	+54	59.4	9.3 ✓
156	Approx	1855	2	19.1	+55	5	

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1914phae.proj.2179C

Saturday, Oct. 2, 1915.
MC 7195

No	Tel	Class	Remark
157	1	A0	
158	1	K2	
159	3	B8	
160	2	A0	Another star sup. on preced.
161	3	B9	
162	3	A2	
163	2	A0	
164	1	A0	Partly sup. on 165
165	3	B9	
166	3	A2	
167	4	A0	
168	4	A0	
169	1	B9	
170	1	B	
10:47 171	2	B	Almost cont
172			

172	4	B5	
173	4	B8	Lines narrow
174	3	Oe5	Nearly cont. H5, He seen
175	3	A0	
176	2	A0	
177	2	A0	

cont. in 130, 46

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1914phae.proj.2179C

157	+54°	634	2	20.1	+55	0.4	9.4 ✓	
158	+55°	635	2	20.6	+55	17.6	9.2 ✓	
159	+56°	647	2	21.8	+56	1.2	8.8 ✓	
160	+56°	646	2	21.7	+56	2.7	9.3 ✓	+56° 645 magn. 9.4
161	+56°	651	2	22.4	+56	10.1	9.1 ✓	
162	+55°	652	2	24.3	+55	43.6	9.3 ✓	
163	+55°	656	2	24.9	+55	36.6	9.4 ✓	
164	+55°	646	2	23.7	+55	51.8	9.4 ✓	
165	+55°	647	2	23.8	+55	58.5	9.0 ✓	
166	+57°	596	2	25.9	+57	24.5	9.3 ✓	
167	+58°	491	2	25.7	+58	26.1	9.0 ✓	
168	+58°	487	2	23.9	+58	43.7	9.0 ✓	
169	+57°	565	2	14.8	+57	50.9	9.5 ✓	
170	+57°	558	2	14.1	+57	39.7	9.4 ✓	
171	Approx	1855	2	13.7	+57	41		

Identt. on cards by J & M. Feb. 24, 1916.
Identt. in book by Amx. Feb. 28. 1916
Identt. compared by F.C. March 2, 1916.

✓ 172	+54	483	2	3.2	+54	26	8.9	539 m 38764
✓ 173	+56	478	2	7.1	+56	6	8.8	422 " "
✓ 174	+55	605	2	13.4	+55	55	9.3	459 " "
✓ 175	+56	627	2	17.0	+56	3	9.1	471 " "
✓ 176	+55	620	2	17.2	+55	44	9.2	470 " "
177	+55	668	2	26.7	+55	16	9.1	287 " "

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Monday, Oct. 11, 1915
MC 5558

	No	Tel	Class	Remark
11117	1	2	K5	
	2	4	K0	
	3	6	M2	
	4	7	K0	
	5	2	B8	
	6	3	K2	Another star susp. on preced.
	7	2	K5	
	8	3	B8	
	9	3::	B5	
	10	2	K0	
	11	7	M0	
	12	3	K0	
	13	4	K0	
	14	5	K5	
	15	3::	K0	
	16	2	B8	
	17	1	B5	
	18	2	K0	
	19	3	K5	
	20	6	K0	
	21	4	K0	
	22	5	K0	
	23	5	B8	
	24	7	B5	
	25	2	K0	
	26	2	K0	

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1	+26°	2405	12	48.5	+26	40	8.7	
2	+26°	2404	12	48.4	+26	31	8.6	
3	+27°	2189	12	46.9	+27	34	7.5	
4	+27°	2187	12	46.0	+27	35	7.5	
5	+27°	2182	12	45.2	+27	16	9.1	
6	+26°	2399	12	44.8	+26	28	7.5	+26° 2398 sup. 8.9
7	+26°	2397	12	44.6	+26	18	8.6	
8	+26°	2402	12	45.1	+26	9	8.5	
9	+25°	2570	12	46.2	+25	56	8.4	
10	+26°	2393	12	43.2	+26	56	9.2	
11	+27°	2176	12	42.7	+27	13	7.3	
12	+27°	2175	12	42.5	+27	1	8.7	
13	+28.7°	2173	12	41.5	+28.7	24	8.1	
14	+28.7°	2172	12	40.9	+28.7	54	8.0	
15	+28°	2151	12	40.5	+28	13	9.0	
16	+27°	2169	12	39.8	+27	45	8.8	
17	+27°	2171	12	40.7	+27	37	9.5	
18	+27°	2168	12	39.4	+27	7	9.0	
19	+28°	2150	12	38.0	+28	8	8.8	
20	+28°	2148	12	38.0	+28	12	7.5	
21	+28°	2149	12	38.0	+28	33	8.3	
22	+28°	2146	12	37.2	+28	47	7.8	
23	+28°	2145	12	36.9	+28	8	8.3	
24	+27°	2158	12	33.8	+27	56	7.9	
25	+27°	2163	12	35.0	+27	9	9.0	
26	+27°	2165	12	36.2	+27	14	8.9	

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Monday, Oct. 11, 1915

MC 5558

No	Kut	Class	Remark
✓ 27	9	I_2	
✓ 28	3	l_5	
✓ 29	7	G_3	
✓ 30	2	l_5	Partly sup. on 29
✓ 31	1	I_2	
✓ 32	2	l_5	
✓ 33	3	l_0	
✓ 34	3	l_0	
✓ 35	6	I_5	
✓ 36	3	I_8	
✓ 37	2	I_8	Partly sup. on 36
✓ 38	3	I_2	
✓ 39	2.	l_5	
✓ 40	3	l_5	
✓ 41	5	I_2	
✓ 42	1	l_0	
✓ 43	5	l_5	Another star sup? or defective.
✓ 44	6	l_0	
✓ 45	1	l_5	
✓ 46	4	l_5	
✓ 47	2	K_2	
✓ 48	1	l_5	
✓ 49	3	K_0	
✓ 50	3	l_0	
✓ 51	3	l_5	
✓ 52	1	K_0	

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27	+26°	2383	12	36.2	+26	55	6.8	✓
28	+26°	2382	12	35.8	+26	42	8.2	✓
29	+26°	2385	12	36.5	+26	27	7.5	✓
30	+26°	2384	12	36.5	+26	34	8.8	✓ +26° 2385 sup. 7.5
31	+27°	2159	12	34.3	+27	31	9.4	✓
32	+27°	2157	12	32.7	+27	18	9.0	✓
33	+27°	2156	12	31.6	+27	32	9.0	✓
34	+26°	2372	12	29.5	+26	35	8.6	✓
35	+27°	2150	12	27.2	+27	6	8.5	✓
36	+27°	2149	12	26.8	+27	39	9.1	✓
37	+27°	2147	12	26.7	+27	39	9.1	✓ +27° 2149 sup. 9.1
38	+27°	2145	12	25.1	+27	34	8.7	✓
39	+28°	2129	12	26.7	+28	21	8.5	✓
40	+28°	2128	12	26.3	+28	54	8.7	✓
41	+28°	2133	12	26.4	+28	53	8.4	✓
42	+29°	2300	12	27.2	+29	8	9.0	✓
43	+29°	2301	12	27.7	+29	53	7.8	✓ "ir" of Polaris sup.
44	+29°	2303	12	28.3	+29	38	7.6	✓
45	+29°	2305	12	28.7	+29	29	8.8	✓
46	+29°	2307	12	30.5	+29	26	8.1	✓
47	+29°	2308	12	31.4	+29	23	8.5	✓
48	+29°	2306	12	30.3	+29	1	9.1	✓
49	+30°	2300	12	28.9	+30	15	8.2	✓
50	+30°	2302	12	29.6	+30	29	8.5	✓
51	+30°	2310	12	32.1	+30	3	8.0	✓
52	+29°	2313	12	33.1	+29	2	9.3	✓

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1914phae.proj.2179C

Monday, Oct. 11, 1915
MC 5558

No	Mt	Class	Remark
53	4	K0	
54	2	G5	
55	1	G8	
56	9	F2	
57	3	K0	
58	4	K0	
59	3	G5	
60	2	K0	
61	1	F8	
62	5	K0	
63	3	G5	
64	8	F0	
65	2	K0	
66	3	K5	
67	2	K0	
68	2	K5	
69	6	F0	
70	1	K5	
71	4	G8	
72	10+	A	
73	10+	K	
74	2	A5	
75	1	K0	
76	2	K2	
77	2	K0	
78	4	A0	

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53	+28°	2134	12	27.7	+28	15	8.5 ✓
54	+28°	2131	12	26.1	+28	3	9.1 ✓
55	+28°	2141	12	33.0	+28	43	9.3 ✓
56	+29°	2319	12	35.5	+29	10	7.5 ✓
57	+29°	2318	12	35.5	+29	58	8.6 ✓
58	+29°	2320	12	37.7	+29	38	8.0 ✓
59	+29°	2323	12	38.5	+29	37	9.0 ✓
60	+29°	2325	12	39.0	+29	46	8.8 ✓
61	+29°	2321	12	38.3	+29	29	9.2 ✓
62	+30°	2321	12 +8	38.4	+30	34	7.5 ✓
63	+30°	2324	12	38.9	+30	24	8.3 ✓
64	+30°	2329	12	40.8	+30	20	6.8 ✓
65	+29°	2328	12	42.7	+29	57	8.9 ✓
66	+29°	2330	12	44.3	+29	39	8.4 ✓
67	+29°	2331	12	44.5	+29	36	8.9 ✓
68	+29°	2333	12	45.4	+29	38	8.5 ✓
69	+29°	2334	12	46.2	+29	48	7.7 ✓
70	+29°	2329	12	44.2	+29	9	8.8 ✓
71	+28°	2152	12	41.4	+28	36	7.9 ✓
72	+28°	2153	12	42.3	+28	20	6.2 ✓
73	+28°	2156	12	44.7	+28	20	5.0 ✓
74	+28°	2155	12	44.4	+28	2	8.3 ✓
75	+28°	2154	12	44.2	+28	7	8.9 ✓
76	+28°	2158	12	45.0	+28	54	8.9 ✓
77	+28°	2159	12	46.0	+28	37	9.1 ✓
78	+28°	2163	12	47.1	+28	27	8.8 ✓

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1914phae.proj.2179C

Monday, Oct. 11, 1915.
MC 5558

	No	Int	Class	Remark
✓	79	5.	$B5$	
✓	80	2	$A3$	
✓	81	5	$A2$	
✓	82	1	Ma	
✓	83	3.	$A5$	
✓	84	1	Ma	
✓	85	2	$K2$	
11:35 ✓	86	3	$B5$	

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79	+28°	2167	12	48.1	+28	33	8.0	✓
80	+28°	2166	12	47.9	+28	47	8.9	✓
81	+29°	2340	12	48.0	+29	2	8.0	✓
82	+29°	2336	12	47.3	+29	14	8.9	✓
83	+30°	2345	12	49.2	+30	25	8.4	✓
84	+27°	2167	12	38.5	+27	54	9.0	✓
85	+26°	2361	12	25.8	+26	46	8.7	✓
86	+26°	2360	12	25.0	+26	46	8.8	✓

Identn on cards by Ame. Jan. 20, 1916
Identn. in book by J & M. Feb. 1, 1916
Identification compared by S.R.C. Feb. 2, 1916

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1914phae.proj.2179C

Monday, Oct. 11, 1915

MC 8253 Eryth.

	No	Int	Class	Remark
11:36	v 1	3	Mb	
	v 2	1	Ma	
	v 3	4	Mb	
	v 4	3	Mb	
11:365	v 5	2	Ma	E
	v 6	1	Ma	

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1914phae.proj.2179C

1	+21°	1878	8	30.4	+21	40	9.2	✓
2	+21°	1885	8	32.0	+21	38	9.3	✓
3	+21°	1896	8	34.9	+21	8	8.7	✓
4	+20°	2112	8	25.0	+20	52	9.1	✓ +20° 2113 sup. 9.2
5	+22°	1941	8	21.4	+22	30	8.8	✓
6	+21°	1852	8	21.9	+21	39	9.3	✓

Identt. on cards by Anne. Jan. 19, 1916

Identt in book by J & M. Feb. 1, 1916.

Identification compared by S. R. B. Feb. 2, 1916

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