KG
11366
001

KG 11366..00

This book examined through the following pages, for underlining:—
44–127, 140–147, 157–171; all regions, and corrections
entered in copy. E. E. W Aug 4, 1917

1916pnae.proj.1002L

KG 11366.001

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August - 31 - 1916

	No B44881		P.C
Remeas.	7/pc		8.9 9.1

Original measure out by a unit. Corrected in E.F.L. Book 47: 209 and in Series Book 27

September 1, 1916.

DeM

2 · 15	B45670 Sc1	Sc2	F1	Pc
1	.			8.5
2	.			Poor im—
3	.			8.9 :
4	.			8.9
5	3.9			9.1
6	4.0			9.1
7	Im poor			9.5
8		4.7		9.8
9		4.6		F.
10		4.8		
11		4.9		
12		5.5 5.7		
13		5.3		
14		5.3		
15		6.1		
16		6.0 5.9		
17		6.3 6.5		
18		6.5 6.7		
19		7.0		
20		7.1		
21		7.3		
22		7.1 7.2		
23		7.5 7.7		
24		7.7		
25		8.1		
26		8.2		
27		8.3 8.5		

September 1, 1916

DeM

B45670	J 1 Se 2	
28	8.5	
29	9.0	Close to Br. im
30	9.3	
31	9.5	
32	9.8	
33	9.8	
34	f	

2 55

September 2. 1916

DcM

3 45		B45704 F1		Pc
		Sc 1	Sc 2	
	1			8.5
	2			Dm. poor
	3			8.5 8.7
~~Two stars~~ W.S ~~marked 4?~~	4	.	~~5.1 4.9~~	~~7.5~~
	5	4.0	40	8.8
	6	38	3.8	8.9 9.1
	7	~~4.3~~	4.3	9.7 9.5
	8		4.6	9.9
	9		4.6	
	10		4.8	
	11		5.3 5.1	
	12		5.5	
	13		5.3	
	14		5.1	
	15		5.5 5.7	
	16		5.9	
	17		6.2	
	18		6.5	
	19		6.8	
	20		6.9	
	21		7.2	
	22		7.1	
	23		7.4 7.6	
	24		7.7	
	25		8.0 8.2	
	26		8.3	
	27		8.1	

September 2, 1916

DcM

B45704

28	8.5	
29	9.0	
30	9.2	
31	9.5	9.7
32	9.8	
33	9.8	9.9
34	f	

4 15

September 5, 1916

S c N

11 30 AM 10220 F1

	Sc ~~BD~~ 3.4	Sc		Diff.	Curve	magn.
1	$3.8\ 3.7^{3.3}$	3.35 81		+3.43	+3.48	6.83
2	$4.1^{3.7}\ 3.9^{3.5}$	3.60 11		..	3.45	7.05
3	$4.0^{3.6}$			3.40	3.45.	7.05
4	$4.1^{3.7}$			3.45	3.44	7.14
5	$4.1^{3.7}$			3.45	3.44	7.14
6	$4.3^{3.9}$			3.46	3.42	7.32
7	$4.9^{4.5}$			3.44	3.32	7.82
8	$5.1^{4.7}$			3.30	3.28	7.98
9	$5.2^{4.8}$			~~3.30~~ .. D	3.25	8.05
10	$5.2^{4.8}$			.. D	3.25	8.05
11	$5.8^{5.4}\ 5.5^{5.1}$	5.75 21		.. D	3.12	8.37
12	$6.2^{5.8}$			3.46	3.00	8.80
13	$6.3^{5.9}\ 6.1^{5.7}$	5.80 11		2.82	3.00	8.80
14	$5.9^{5.5}$			2.87	3.06	8.56
15	$6.5^{6.1}\ 6.7^{6.3}$	6.70 11		3.06	2.90	9.10
16	$7.0^{6.6}$			D	2.93	9.53
17	$7.1^{6.7}$	6.70 00	6.7	2.97	2.81	9.51
18	$7.5^{7.1}\ 7.7^{7.3}$	7.17^{11}	7.1	2.93	2.77	9.94
19	$7.7^{7.3}$	7.25^{10}	7.2	2.89.	2.76	10.01
20	$7.8^{7.4}$	7.35^{01}	7.3	2.56	2.75	$^{10}9.10$
21	$8.1^{7.7}$	7.70^{00}	7.7	2.70	2.80	10.50
22	$8.1^{7.7}$	7.60^{11}	7.5	2.80	2.78	10.38
23	$8.3^{7.9}$	~~8~~ 7.95	8.0	2.91	2.84	10.79
24	$8.5^{8.1}$	8.15^{10}	8.2	2.87	2.88	11.03
25	$8.7^{8.3}$	8.35^{10}	8.4	3.15	2.92	11.27
26	$8.9^{8.5}$	8.50^{00}	8.5	2.94	2.96	11.46
27			8.5	2.88	2.96	11.46

September 5, 1916

Sen

				Curve	magn.
	AM 10220 Sc. ☉				
28	8.8		3.07	3,06	11.86
29	Too near br. im.		..	..	..
30	9.3		3.31	3,20	12.50
31	9.3		3.35	3,20	12.50
32	9.5 9.7	9.60 ±1	3.30	3,$\overset{3}{\cancel{2}}$0	12.90
33	9.7		3.21	3,33	13.03
34	F 9.8 9.9	9.85 01	..	3,37	13.22
35	7				

12 00

September 5, 1916

ScHM

1. oo B46065 7.1

		Sc a	Sc B	Diff.	curve. Mg.		PC Sc. C		Curve magn.	
Reject Wr. Sc.	1	4.1 ~~4.3~~		~~2.48~~	~~3.28~~	~~7.58~~	8.2	−1.42	−1.38	6.82
	2	Too poor		~~.~~	~~.~~	g	J.P	.	g	g
	3	4.1 ~~4.3~~		~~2.70~~	~~3.28~~	~~7.58~~	8.3	−1.30	−1.40	6.90
	4	4.2 ~~4.4~~ S		~~2.75~~	~~3.30~~	~~7.70~~	8.7	−1.55	−1.51	7.19
	5		3 ~~4~~.9	3.25	3.22	7.12	8.9	−1.75	−1.56	7.34
	6		3.9	3.46	3.22	7.12	8.9	1.54	−1.56	7.34
	7		4.1	3.84	3.25	7.35	9.5	1.56	−1.68	7.82
	8		4.3	3.70	3.38	7.58	9.8	1.80	−1.75	8.05
	9		4.5	D	3.31	7.81	F			
	10		4.9	D	3.29	8.19				
	11		5.2	D	3.44	8.64				
	12		5.5	3.76	3.50	9.00				
	13		5.3	3.32	3.46	8.76				
	14		5.0	3.37	3.40	8.40				
	15		5.5	3.76	3.50	9.00				
	16		5.8	D	3.54	9.34				
	17		6.1	3.57	3.54	9.64				
	18		6.4	3.70	3.51	9.91				
	19		6.6 0.11 6.7 6.5	3.54	3.50	10.10				
	20		6.7	3.21	3.49	10.19				
	21		7.1	3.30	3.42	10.52				
	22		7.1	3.30	3.42	10.52				
	23		7.5	3.36	3.36	10.86				
	24		7.8	3.22	3.31	11.11				
	25		8.0	3.50	3.28	11.28				
	26		8.3	3.14	3.24	11.54				
	27		8.0	3.38	3.28	11.28				

September 5, 1916

Se M

	B46065 Se 2	F1	curve	Magn.
28	8.7	3.17	3.20	1190
29	9.0	3.24	3.17	12.17
30	9.3	3.21	3.13	12.43
31	9.601+ 9.7 9.5	3.05	3.06	12.66
32	9.7	3.20	3.05	12.75
33	9.9	3.02	3.02	12.92
34	7	f.		
35				

1, 20

Images slightly elongated. Plate scratched through center. Region not in center of plate

September

SeM

~~B45959~~ 71 Too poor

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September

Ser M

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September 6, 1916

Sc M

Plot no. 70.

11	30		B 46574	£3	
	Curve		Sc 1	Sc 2	Diff.
7.07	+3.77	1	3,1 33		+4.02
7.33	3.83	2	3,3 35		3.65
7.70	3.90	3	3,6 3.8	3.80°° 3,8	3.62
7.94	3.94	4	3,8 4.0		3.49
7.63	3.88	5	3,6 3.8	3.75°¹ 3,7	4.12
7.93	3.93	6		4,0	3.95
7.94	3.94	7		4.00 ⊥ 1 3,9	4.26 4,1
8.80	4.10	8		4.70 1 ⊥ 4,8	3.99 4,6
9.14	4.14	9		5,0	4.18
9.54	4.14	10		5.40 ⊥ 1 5,3	3.95 5,5
9.25	4.15	11		5,1	4.52
9.45	4.15	12		5,3	4.22
9.73	4.13	13		5,6	4.19?
9.83	4.13	14		5,7	4.04
10.18	4.08	15		6,1	3.74
10.13	4.08	16		6.05 0 1 6,0	6,1 3.73
10.34	4.04	17		6,3	4.35
10.42	4.02	18		6.40 ⊥ 1 6,3	6,5 4.25
11.22	3.82	19		7.40 ⊥ 1 7,3	7,5 3.90
11.14	3.84	20		7,3	3.78
11.14	3.84	21		7,3	3.83
11.29	3.84	22		7.35 ⊥ 1 7,2	7,5 3.78
11.54	3.74	23		7,8	3.71
11 ~~12~~.90	3.65	24		8.25 0 1 8,2	8,3 3.59
12.09	3.59	25		8,5	3.40
12.09	3.59	26		8,5	3.52
12.24	3.54	27		8,7	4.02

Sc.

Sc. 2	Diff.	curve	mag.
8,1	-0.78	-0.85	7.25
8,1	-0.95	-0.85	7.25
8.40 1 ⊥ 8,5 8,3	-0.98	-0.81	7.59
8,3	-0.71	-0.82	7.48
8,5	-0.63	-0.80	7.70
8,7	-0.75	-0.78	7.92
8.80 ⊥ 1 8,7 8,9	-0.54	-0.77	8.03
9,7	-1.01	-0.76	8.94
7			

September 6, 1916

Dewa

B46574 E 3

			curve	
28	9.0	3.52	3.48	12.48
29	9.5	3.26	3.36	12.86
30	9.7	3.10	3.33	13.03
31	9.9 9.8 985 10	3.31	3.30	13.15
32	9.8	3.34	3.30	13.14
33	9.9	341	3.28	13.18
34	7			

12 20

Images slightly elongated. Poor

September 6, 1916

Sc M

Plot no 70.

1. to B 46602 E3

	Sc 1		Sc 2	curve	magn.	PC			curve	magn.
1						8.3	8.5 8.40 ⊥1	-1.08	-0.93	7.47
2						8.3	8.5 8.40 ⊥1	-1.25	-0.93	7.47
3	3.8 40.	3.95 0 ⊥ Diff. +3.47	3.9	3.63	7.53	8.3		0.88	-0.96	7.34
4	∠	3.59	4.0	3.63	7.63	8.5		0.91	-0.90	7.60
5		3.77	4.1	3.62	7.72	8.7		0.83	-0.85	7.85
6		3.75	4.2	3.62	7.82	8.5		0.55	-0.90	7.60
7		3.36	4.9	3.59	8.49	8.9	9.1 9.00⊥1	0.74	-0.78	8.22
8		3.59	5.1	3.56	8.66	9.5	9.7 9.60⊥1	0.91	-0.65	8.95
9		3.88	5.3	3.55	8.85	9.7		0.52	+0.64	9.06
10		3.25	6.1	3.50	~~8~~9.60					
11		3.52	5.9	3.51	9.41					
12		3.42	6.1	~~38~~ 3.50	9.60					
13		3.59?	6.2	3.50	9.70					
14		3.44	6.3	3.50	9.80					
15		3.24	6.5 6.7 6.60⊥1	3.50	10.10					
16		3.48	6.3	3.50	9.80					
17		4.05	6.5 6.7 6.60⊥1	3.50	10.10					
18		3.65	7.0	3.48	10.48					
19		3.40	7.9	3.48	11.38					
20		3.58	7.5	3.48	10.98					
21		3.43	7.7	3.48	11.18					
22		3.43	7.7	3.48	11.18					
23		3.51	8.0	3.48	11.48					
24		3.34	8.5	3.49	11.99					
25		3.44	8.5 83 8.40⊥1	3.49	11.89					
26		3.52	8.5	3.49	11.99					
27		4.12	8.5 8.7 8.60⊥1	3.49	12.09					

September 6, 1916

Sc M

B 46602 E 3

	Se 2	-	ave	
28	8.8	3.72	3.50	12.30
29	9.1	3.66	3.50	12.60
30	9.5	3.30	3.50	13.00
31	9.8	3.36	3.52	13.32
32	9.8	3.34	3.52	13.32
33				

1 35

Images poor. Interrupted.

September 7, 1916 Sheet no 48.

Se N

3 ~~3.30~~ AM 8860 F 2 Superseded 3

	~~B~~	~~S*~~	~~Diff.~~	Av	Magn	Diff	Av	Magn
1	$3.9^{3.5}$		3.24 Series			3.27	3.38	6.88
2	$4.1^{3.7}$		3.48	3.45	7.15	3.51	3.38	7.08
3	$4.3^{3.9}$		3.48	3.40	7.30	3.50	3.38	7.28
4	$4.3^{3.9}$		3.43	3.40	7.30	3.50	3.38	7.28
5	$4.7^{4.3}$	4.30°° 4.3	3.54	3.32	7.62	3.53	3.26	7.66
6		4.3	3.63	3.32	7.62	3.67	3.36	7.66
7		4.5	3.24	3.26	7.76	3.16	3.35	7.85
8		4.5	3.27	3.26	7.76	3.30	3.35	7.85
9		5.1		3.20	8.30	3.00	3.29	8.39
10		5.20'' 5.3 5.1	3.15	3.20	8.40	3.21	3.28	8.48
11		5.3	2.95	3.20	8.50	3.07	3.26	8.56
12		5.5	3.27	3.20	8.70	3.34	3.24	8.74
13		5.7	3.23	3.20	8.90	3.26	3.20	8.90
14		6.1	3.13	3.18	9.28	3.00	3.12	9.22
15		6.3	3.24	3.16	9.46	3.14	3.04	9.34
16		6.60'' 6.5 6.7	3.20	3.10	9.70	3.10	2.95	9.55
17		6.8	3.04	3.04	9.84	2.98	2.87	9.67
18		7.40'' 7.3 7.5	2.68	2.75	10.15	2.55	2.56	9.96
19		9.20'' 9.3 9.1	1.62	1.77	10.97	1.44	1.53	10.73
20		9.1	1.92	1.82	10.92	1.74	1.57	10.67
21		F						
22								
23								
24								
25								
26								
27								

3.30

Images not circular - ft images hazy - not comp. with scale

September 7, 1916

Sep

3 50 AM 7900 ℨ 3

					curve	Magn.	
1	~~B~~3 Ser.	~~S~~4		~~Diff~~			scr.
2	4.2 $^{3.8}$	3.9	3.85 01	+2.04	2.08	5.93 ~~88~~	
3	5.0 $^{4.6}$			2.81	2.67	7.27	
4	4.9 5.0 $^{4.5\ 4.6}$		4.55 10	2.65	2.64	7.19	
5	5.1 $^{4.7}$			2.68	2.70	7.40	
6	5.7 $^{5.3}$			2.58 ~~4.88~~	2.65	7.95	
7	5.3 $^{4.9}$			2.75	2.73	7.63	
8	5.3 $^{4.9}$			2.82	2.73	7.63	
9	6.1 $^{5.7}$			2.59	2.63	8.33	
10	5.9 $^{5.5}$	5.4	5.45 10	2.65	2.61	8.06	
11	6.1 ~~6~~ $^{5.7}$	5.7	5.70 00	2.40	2.53	8.23	
12	6.2 $^{5.8}$	5.7	5.75 01	2.71	2.52	8.26	
13	7.1 $^{6.7}$	6.7	6.70 00	2.15	2.30	8.90	
14		6.9		2.04	2.12	9.02	
15		7.3	7.1 $^{7.20\ 11}$	1.98	2.00	9.20	
16		ws 5 ~~7.8 7.7~~		2.38	1.95		
17		7.3				9.25	
18		7.7		2.10	1.80	9.50	
19		8.5	8.7 $^{8.60\ 11}$	1.26	1.41	10.01	
20		8.5	8.7 $^{8.60\ 11}$	1.37	1.41	10.01	
21		9.2		1.13	1.15	10.35	
22		9.1		1.33	1.20	10.38	
23		9.5		1.00	1.00	10.50	
16		7.3		2.91	1.95	9.25	

4 10

September 8, 1916

ScM

1 30 B 46014 F1

curve	Magn.		Sc 1	Sc 2	Diff.
		1	Bm		
		2	Too poor		
		3	"	"	
+3.17	7.09	4		3.9	+3.25
3.21	7.61	5		4.1	3.05
3.21	7.31	6		4.1	3.26
3.25	7.55	7		4.3	3.64
3.31	8.01	8		4.7	3.30
3.32	8.12	9		4.8	D
3.37	8.37	10		5.0	D
3.40	8.70	11		5.3	D
3.42	8.86	12		5.4	3.86
3.40	8.70	13		5.3	3.32
3.37	8.37	14		5.0	3.37
3.45	9.15	15		5.7	3.56
3.46	9.36	16		5.9	D
3.46	9.66	17		6.2	3.47
3.44	9.94	18		6.5	3.60
3.43	10.13	19		6.7	3.44
3.42	10.22	20		6.8	3.11
3.40	10.60	21		7.2	3.20
3.40	10.50	22		7.1	3.30
3.39	10.89	23		7.5	3.36
3.36	11.06	24		7.7	3.32
3.35	11.45	25		8.1	3.40
3.35	11.45	26		8.1	3.34
3.34	11.64	27		8.3	3.08

Pc

	Diff.	curve	magn.
8.2	-1.42	-1.44	6.76
tp	.	q	q
8.5	-1.50	-1.50	7.00
8.7	-1.55	-1.55	7.15
8.7	-1.55	-1.55	7.15
9.0	-1.64	-1.61	7.39
9.6011 9.5 9.7	-1.66	-1.71	7.89
F			

September 8, 1916

S c M

B46014 f1

			curve	magn.
28	8.5'	+3.37	+ 333	11.83
29	8.9	3.34	3.31	12.21
30	9.3	3.21	3.29	12.59
31	9.5	3.15	3.27	12.77
32	9.5' 9.7 9.60±1	3.30	3.26	12.86
33	9.7	3.22	3.25	12.95

2 05

Images slightly elongated. Region not in center of plate.

September 8, 1916

Sct

C.M. 10693 E8

		~~B~~ 8	~~2~~ 4		C			Diff.	curve	Magn.
	1		5.3	5.1	5.3	5.1	5.20 1⊥	2.37	+2.43	7.63
	2	W. Sc.	5.1		5.1			2.44	2.43	7.53
	3		~~5.7~~ w.s		5.6			2.10	2.40	8.00
Remeas. by O. Oct. 10, '16.	4		5.7		5.1			2.13	2.43	7.53
5.7	5		5.6	5.3	5.45 2⊥			2.59	2.41	7.86
cor. unit 6.4 →	6		5.1					3.41	2.43	7.53
5.7	7		5.3					2.40	2.42	7.72
assume wr. unit	8		5.9					2.46	2.37	8.27
	9		5.9	6.1	6.00⊥1			2.33	2.36	8.36
Dbl.	10							—	dbl.	dbl.
	11		6.2					2.47	2.35	8.55
	12		6.5	6.7	6.60⊥1			2.27	2.36	8.86
	13		6.9					1.89	2.20	9.10
	14		7.1					2.18	2.16	9.26
	15		7.3					2.14	2.13	9.43
	16		7.3					2.00	2.13	9.43
	17		7.5					2.19	2.09	9.59
	18		7.8					2.05	2.04	9.84
	19		8.3	8.5	8.40⊥1			1.85	1.96	10.36
	20		8.3	Near another star				1.98	1.97	10.27
	21		8.3					2.26	1.97	10.27
	22		8.8					1.98	1.95	10.75
	23		9.2					1.90	1.94	11.14
	24		9.3					2.01	1.94	11.24
	25									

September 11, 1916

B 46806 E3 Estimates of pt. stars with p.c

26 2 1 pc
1 pc 1 27

27 2 7 pc
7 pc 2 29

28 2 7 pc
7 pc 0 29

29 1 7 pc
7 pc 1 30

30 2 8 pc
8 pc 0 31

31 1 8 pc
8 pc 0 32

25 2 5 pc
5 pc 1 27

24 2 5 pc
5 pc 0 26

33 0 9 pc
34 n.s

26 1 5 pc
5 pc 1 27

BCD of 2 & 3 too far
away 15 est.

September 11, 1916

B 46781 E3 Estimates of ff- stars with p.c

24 2 1 pc
1 pc 0 25

25 2 5 pc
5 pc 0 26

26 3 6 pc
6 pc 2 28

27 2 6 pc
6 pc 2 28

28 2 7 pc
7 pc 1 29

29 1 7 pc
7 pc 1 30

30 2 8 pc
~~8 pc~~
31 m.s

Very poor plate.

September 16, 1916

South Pole. Comp. of ft stars with P.C of brt stars -
B 47672

a pc 2 u
u 3 c pc

a pc 2 s
s 3 c pc

a pc 5 w
w 1 c pc

c pc 1 x
x 2 d pc

e' pc 1 y
y 2 f pc

e' pc 1 z
z 1 f pc

f pc 1 α
α 2 h pc

f pc 2 β
β 1 h pc

f pc 3 j
j 1 g pc

g pc 2 δ
δ 1 h pc

h pc 1 ε
ε 1 k pc

h pc 1 ζ
ζ 1 k pc

k pc 1 η
η 3 l pc

l pc 1 θ
θ 0 m pc

l pc 2 μ
μ 0 m pc

m pc 2 π
π 1 n pc

m pc 2 ρ
ρ 1 n pc

n pc 1 σ
α 0 pc n.s

Images very poor

A M Series 9

Se N

September 22, 1916

1	30	A M 11876	C 9	17 + 15
			C	
		1	5,3	
		2	5,3	
		3	5,3	
		3a	5.6	
		4	5.8	
		5	6.1	
		6	6.5	$6.60^{\pm1}$ 6.7
		6a	7.1	
		7	7.5	$7.60^{\pm1}$ 7.7
		8	7.9	$7.95^{\pm0}$ 8.0
		8a	7.9	
		9	8.7	
		10	9.0	
		11	9.2	
		12	9.1	
		13	9.1	
		14	9.5	$9.60^{\pm1}$ 9.7
		15	9.7	$9.75^{\pm0}$ 9.8
		16	9.9	9.90^{00} 9.9
		17		

AM Series 9

DeN September 22, 1916

AM 11877 b 10 19+15

	C
1	5.4
2	6.0 .5.9 5.95 ±01
3	5.7
4	6.1
5	6.5 6.7 6.60 ±1
6	6.9
7	7.0
8	7.3
9	8.1 7.9 8.00 ±1
10	8.3
11	8.8
12	9.0
13	9.3
14	9.5 9.7 9.60 ±1
15	9.7
16	9.9 10.0 9.95 ±0
17	F
18	

A M Series 9

Scn

September 22, 1916

AM 11878 B 3 20-75

	B		C
1	4.5 4.9	4.40^{11}	4.3
2	4.6 5.0	4.65^{01}	4.7
3			5.60^{11} 5.5 5.7
4			5.7
5			5.8
6			6.2
7			6.1
8			5.9
9			6.4
10			6.40^{11} 6.5 6.3
11			6.3
12			6.9
13			7.3
14			7.60^{11} 7.5 7.7
15			7.9
16			8.0
17			8.20^{11} 8.3 8.1
18			8.3
19			8.40^{11} 8.5 8.3
20			8.7
21			8.7
22			9.0
23			9.2
24			9.60^{11} 9.5 9.7
25			9.80^{00} 9.8 9.8
26			7

A.M. Series 9

ScN September 22, 1916

A.M. 11879 G 11 21+15

		B	G
	1		5,1
	2		5,3
	3		6,2
	4		6,1
	5		6,8
	6		6,7
	7		7,1
	8		7,3
	9		7.80±.1 7,7 7,9
	10		8,1
	11		8.60±.1 8,5 8,7
	12		8,7
Near other stars!	13		8,5
	14		8,7
	15		9,0
	16		9,2
	17		9,7
	18		9,7
	19		9,9
	20		F

a m Series 9

ScN September 22, 1916

a m 11880 D11 21-15

	B	C
1		5.0
2		5.6
3		54
4		5.7
5		5.9
6		5.80± 5.9 5.7
7		6.1
8		5.9
9		6.2
10		6.3
11		6.8
12		7.0
13		7.2
14		7.8
15		8.20± 8.1 8.3
16		8.2
17		8.7
18		8.7
19		8.9
20		9.0
21		9.3
22		9.40± 9.3 9.5
23		9.5
24		9.8
25		7

A M Series 9

Sc N September 22, 1916

A M 11881 So Pole

		C	
	a	4.2	
	b	5.1	
	c	5.3	
	d	5.7	
	e	6.1	
	e'	6.30''1 6.4	6.2
	f	6.3	
	Δg	6.7	
	h	7.10''1 7.0	7.2
	k	7.60''1 7.7	7.5
	l	8.1	
	l'	8.3	
	m	8.60''1 8.5	8.7
	n	8.80''1 8.9	8.7
	o	9.20''1 9.3	9.1
	p	9.5	
	q	9.7	
Too close [illegible] {	r		
	s		
	t	7	

3 50? Interrupted

AM Series 10

Scn September 29, 1916

12 00 AM 11892 b8 15 +15

	B	C	
1		6.1	
2		6.1	6.00'' 5.9
3		6.9	
4		6.3	
5		6.4	
6		6.9	7.40''
6a		7.5	7.3
7		7.8	
8		8.0	
9		8.1	
10		8.7	
11		8.8	8.65 2'' 8.5
12		8.9	
13		8.9	
14		9.2	
15		9.5	
16		9.5	9.60'' 9.7
17		9.8	
18		9.8	
19		10.0	
20		F	

AM Series 10

DcN September 29, 1916

AM 11893 Pole

	c
a	6.3
b	7.3
c	7.5
d	8.0
e	8.3
e'	8.7
f	8.8
g	9.1
h	9.60 9.5 9.7
k	9.85 10 9.7 9.8
l	
m	
n	
o	
p	
q	

Plate does not show ft. stars.

AM Series 10

ScR September 29, 1916

AM 11894 $_c$ bq 17+15

1	6.1
2	6.3
3	6.1
3a	6.4
4	6.8
5	7.1
6	7.5
6a	8.1
7	8.3
8	8.7
8a	8.9 $^{8.80\ 1L}$ 8.7
9	9.5
10	9.8 $^{9.75\ 0L}$ 9.7
11	9.8
12	9.7
13	9.8
14	9.8
15	F
16	
17	
18	
19	
20	

AM Series 10

Sept September 29, 1916

AM 11895 D10 19 + 15

	c	
1	5.2	
2	5.9	6.0
3	5.7	
4	6.2	
5	6.5	
6	7.0	
7	7.0	
8	7.5	
9	8.1	
10	8.4	8.50±1' 8.6
11	9.0	9.05 01' 9.1
12	9.5	9.60±1' 9.7
13	9.9	
14	F	
15		

12 40

Images elongated.

October 5, 1916 :

So. Pole. Comp of ft stars with p.c of brt stars,
B47691

a pc 2 w
w 2 c pc

a pc 4 w
w 1 c pc

c pc 2 x
x 5 f pc

f pc 2 β
β 3 h pc

f pc 1 j
j 3 h pc

f pc 3 ε
ε 1 h pc

h pc 2 θ
θ 1 k pc?

Prismatic companions. except in center of plate are elongated. and not comp. with star images.

Oct 7, 1916

Sc. M Remeasures

		B44763 Sc 1	E5 Sc 2	Ld48:196 Sc. 2	PC	Ld48:196
	9	3.7	4.1	4.0	9.7	9.7
	10	3.7	3.9	3.9		
	11	4.3	4.6	4.7, 4.4		
Scratched	12		5.5			

Sc. B

		B10914		Pc	Orig. Meas. Ld48:184
Off Plate	9				
Near edge	10	3.1		8.8	8.7
" "	11	3.3		9.2	9.3
	12		4.1	F	

The above measures of Stars 10 and 11 confirm the original measures.

AM Series 11

ScN Oct 9, 1916

12 AM 11905 C11 21 + 15

	B		C
1	5.1 5.5	5.10^{00}	5.1
2			5.4
3			6.1
4			6.2
5			6.9
6			6.7
7			7.2
8			7.2
9			8.0
10			8.2
11			8.7
12			8.9
13			8.5
14			9.10^{11} 9.2 9.0
15			9.2
16			9.3
17			9.7
18			9.8
19			9.8
20			9.9
21			7

AM Series 11

Dem Oct 9, 1916

AM 11906 Eq 22 46-45

	B		C	
	5.3	05 05	5.20 1/1	
1	5.7	5.25	53	5.1
2			5.1	
3			5.1	
			5.60 1/1	
4			5.5	5.7
			6.00 1/1	
5			5.9	6.1
6			5.9	
7			6.3	
8			6.1	
9			6.7	
			7.00 1/0	
10			6.9	7.1
11			7.3	
12			7.7	
			7.70 1/1	
13			7.8	7.6
			8.05 0/1	
14			8.0	8.1
15			8.1	
16			8.5	
17			9.3	
18			9.5	
			9.40 1/3	
19			9.5	9.7
20			9.7	
21			9.8	

AM Series 11

ScN Oct 9, 1916

AM 11967 D 12 23-15

	C
1	6.2
2	6.1
3	6.80±1 6.7 6.9
4	7.00±1 6.9 7.1
5	7.1
6	7.2
7	6.7
8	8.20±1 8.3 8.1
9	7.60±1 7.5 7.7
10	8.1
11	8.1
12	8.0
13	8.1
14	8.7
15	8.50±2 8.3 8.7
16	8.9
17	9.60±1 9.5 9.7
18	9.7
19	9.8
20	7

AM Series 11

Scn Oct 9, 1916

AM 11908 U 51-73.4

		B		C	
Seq II Sm. Mag. Cl.	a	5.0 5.4	5.10 1'	5.2	
	b			6.1	
	c			5.9	
	d			7.0	
	e			7.7	
	f			8.0	
	g?				
	h			9.1	
	k			9.7?	
Seq 13 Ks	1	4.8 5.2	4.80 00	4.8	
	2			7.3	7.20 1' 7.1
	3			7.5	
	4			8.3	
	5			8.8	
	6			9.0	
	7			9.7	9.60 1' 9.5
	8			98	

Copied B

B Series 23

Sc M

October 10, 1916

Sheet no 43
Reject all measures for this series when reading is brighter than 3.4
H.S.L. May 16, 1918.

12 B 44824 C8 15 + 15

	Sc 1	Sc 2	Diff	Curve	magn	PC	Diff	Curve	magn
1	B			.	B	8.3 8.20^{11} 8.1	-1.00	-0.67	7.53
2	Poor im			.	q	8.3	$-1.0\overset{6}{4}$	-0.69	7.61
3	3.3 3.1		4.79	4.48	7.78	8.9	-0.81	-0.80	8.10
4	2.9 2.7		4.82	4.56	7.46	8.5	-0.78	-0.73	7.77
5				.	.	8.7	-0.88	-0.77	7.93
6				.	.	9.0	-0.81	-0.81	8.19
6a	3.5 3.3		5.29	4.42	7.92	9.9?	-1.11	-0.95	8.95?
7	+p			.	q				
8		4.1	4.87	4.26	8.36				
9		4.2	5.02	4.23	8.43				
10		4.7	4.82	5.09	9.79				
11		4.40^{22} 4.2 4.6	5.11	5.18	9.58				
12		4.9	4.85	5.02	9.92				
13		5.1	4.79	4.96	10.06				
14		5.55^{21} 5.4 5.7	4.42	4.83	10.38				
15		5.8	4.56	4.76	10.56				
16		6.1	4.42	4.57	10.67				
17		6.3	4.34	4.62	10.92				
18		6.0	4.68	4.71	10.71				
19		6.0	4.68	4.71	10.71				
20		6.10^{11} 6.2 6.0	4.47	4.66	10.76				
21		7.1	4.32	4.46	11.56				
22		7.4	4.43	4.42	11.82				
23		7.60^{21} 7.5 7.7	4.39	4.39	11.99				
24		7.7	4.39	4.38	12.08				
25		7.9	4.36	4.36	12.26				
25a		8.2	4.47	4.35	12.55				

Copied.

B44824 (cont)

	Sc 2	Diff	Curve.	magn.
26	8.2	4.53	4.36 ~~5.60~~	12.56
27	8.5 8.7	9.60±1 4.71	4.35	12.95
27a	8.9	4.78	4.34	13.24
28	9.3	4.56	4.36	13.66
29	9.9?	4.08	4.37?	14.27?
29a	9.9	4.58	4.37	14.27
30	F.	.	.	F

B Series

Copied B34:115

ScM

October 10, 1916

x20 B44825 37 Ks 16 39 − 23.9 PC

Ref. corr +.10

	Sq 1		Sq 2	Cn	magn
1	3.9 3.7	3.90''	3.9	5.32	9.22
2			4.8	5.05	9.85
3			5.7	4.78	10.48
4			5.9	4.74	10.64
5			6.7	4.52	11.22
6			7.0	4.48	11.48
7			7.7	4.38	12.08
8			8.0	4.36	12.36
9			8.1	4.36	12.46
10			8.2	4.35	12.55
11			8.2	4.35	12.55
12			8.8	4.34	13.14
13			8.7	4.34	13.04
14			8.7	4.34	13.04
15			9.1	4.35	13.45

Images poor - elongated.

B Series

Copied B34.72

Sc M

October 10, 1916

B 44826 180 K 16 47 - 45.0

Alt. corr +.05

	Sc	9.50±1 Cm		magn
1	4.4	4.6	5.15	9,65
2	4.9		5.62	9,92
3	5.7		4.78	10,48
4	5.9		4.73	10,63
5	6.0		4.71	10,71
6	6.7		4.52	11,22
7	7.0		4.47	11,47
8	7.3		4.42	11,72
9	7.3		4.42	11,72
10	7.3	7.5 7.40±1	4.41	11,81
11	7.8		4.38	12,18
12	7.9		4.37	12,27
13	8.1		4.36	12,46
14	8.7		4.34	13,04
15	9.0		4.35	13,35

B Series

Copied B34:113

Sc M

October 10, 1916

B 44828 35 Ks 16 49 – 28.8

Q. Ch. corr +.07

	Scd		Sc 2			Reg.	PC	Cr	magn
1	2.9 27				5.56	~~8.46~~	9.0 ?	0.82	8.18 ?2
2	4.0 3.8	4.00	4.0		5.30	9,30			
3			4.0		5,30	9.30			
4			4.3	4.45 ±2 4.6	5,17	9,62			
5			5.7		4.78	10,48			
6			5.9		4.73	10,63			
7			6.0		4.71	10,71			
8			6.5	6.60 ±1 6.7	4.54	11,14			
9			7.2		4.44	11,64			
10			7.5	7.60 ±1 7.7	4.38	11.98			
11			8.1		4.36	12,46			
12			8.5		4.35	12,85			
13			8.9		4.35	13,25			
14			9.5		4.36	13,86			
15			9.8		4.37	14,17			

Images very poor – hazy.

B Series

Copied Bk 52:68

Sc M

October 10, 1916

B44829 Cg 17 + 15

								P.C					Slai				
					Diff	curve	magn	P.C	Diff	curve	magn					curve	magn
1	B					·	B	8.1	-0.92	-0.65	7.45	23	9.8	9.75^{01} 9.7	3,99	4.37	14.12
2	B					·	B	8.1	-0.87	-0.65	7.45	24	9.8		4,13	4.37	14.17
3	B					·	B	8.1	-1.06	-0.65	7.45	25	7			·	
3a	B					·	B	8.3	-0.95	-0.68	7.62						
4	2.9 2.7				4.92	5.56	8.46	8.7	-0.88	-0.80	7.90						
5	3.3 3.1				4,76	5.49	8.79	9.0	-0.94	-0.81	8.19						
6	3.1 2.9				5,37	5.52	8.62	9.20^{11} 9.3 9.1	-0.73	-0.85	8.35						
6a	3.3 3.1				5.34	5.49	8.79	7			7						
7	3.4 3.2				5,64	5.46	8.86										
8	3.8 3.6				5,73	5.35	9.15										
8a	3.9 3.7	3.90^{00}	3.9		5.78	5.32	9.22										
9			4.6		5,49	5.12	9.72										
10			5.5	5.60^{11} 5.7	5.06	4.82	10.42										
11			5.3		5,20	4.91	10.21										
12			5.3		5,27	4.91	10.21										
13			5.7	5.60^{11} 5.5	5,12	4.82	10.42										
14			5.8		4,99	4.76	10.56										
15			6.2	6.35^{21} 6.5	4.78	4.60	10.95										
16			7.1		4,50	4.46	11.56										
17			7.5	7.60^{11} 7.7	4.23	4.39	11.99										
18			8.1		4.31	4.36	12.46										
19			8.2		4.28	4.36	12.56										
20			8.7		4.06	4.35	13.05										
21			8.9		4,16	4.35	13.25										
22			9.1		4,30	4.35	13.45										

B Series

Sc M

October 10, 1916

	B 44830	72	12 — 75 This plate is quality B—
1	B		pc 8.3
2	3.3 3.1		8.7
3	3.5 3.3		9.00^{11} 9.1 8.9
4	3.3 3.1		9.20^{11} 9.1 9.3
5	3.5 3.3		
6	3.5 3.3		
7	3.3 3.1		
8	3.5 3.3		
9	3.9 3.7 3.90^{00}:	3.9	
10		3.9	
11		3.9	
12		4.2	
13		4.3	
14		4.7	
15		5.1	
16		5.3	
17		5.3 ~~6.2~~ ws	
18		5.7	
19		6.40^{11} 6.5 6.3	
20		7.0	
21		7.3	
22		7.5	
23		7.7	
24		7.60^{11} 7.5 7.7	
25		7.9	
26		7.8	

27	8,1
28	8,3
29	8,3
30	8,5
31	9.1
32	9,2
33	9.7
34	F

Images poor - elongated.

2 —

B Series Copied B 34:49

ScM

October 10, 1916

2 15' B 44831 157 K 17 26-30 Alt. corr +.09

	Sc	Sc 2	Lm	magn	Pc	Lm	magn
1	3.2 3.0		5.50	Rej. ~~8,70~~	8.5	-0.73	7.77
2		4.1	5.26	9,36			
3		4.3 45 4.40^{21}	5,17	9,57			
4		4.7	5.07	9,77			
5		5.4	4.88	10.28			
6		6.3	4.61	10,91			
7		7.1	4.46	11,56			
8		7.3 7.5 7.40^{21}	4.41	11,81			
9		7.7	4.38	12,08			
10		7.9	4.37	12,27			
11		8.2	4.36	12,56			
12		8.7	4.34	13,04			
13		8.5	4.35	12,85			
14		9.1	4.35	13,45			
15		9.3	4.36	13,66			

B Series

Copied B45:104

Sc M

October 10, 1916

B44832 S Octantis .17 26 – 86

Q×8, corr–, .71

		Sc 2	Cu	magn	pc	Cu	magn
a	B				7.8	-0.58	7,22
b	B				8.7	- 0.78	7.92
c	3.2 30		5.50	8,70	9.7	-0.92	8,78
d	3.3 3.1		5.48	8,78			
e	3.5 3.3		5.41	8,91			
f		4.7	5.07	9,77			
g		6.2	4.65	10,85			
h		7.3	4.42	11,72			
k		8.0	4.37	12,37			
k'		9.1	4.35	13,45			
l		8.3	4.36	12,66			
m		9.8	4.37	14,17			

Images poor - hazy.

B Series

Copied B34!73

ScM

October 10, 1916

B44834 181 K 17 49 — 44

alt. corr +.04

Sc1	Sc2	Cu	magn	pc
1	4.1	5.26	9.36	
2	4.9	5.02	9.92	
3	6.3	4.61	10.91	
4	6.5	4.56	11.06	
5	6.5	4.56..	11.06	
6	7.00 !! 7.1 6.9	4.47	11.47	
7	7.2	4.45	11.65	
8	7.3	4.42	11.72	
9	7.5	4.40	11.90	
10	7.7	4.38	12.08	
11	8.0	4.36	12.36	
12	8.1	4.36	12.46	
13	8.5	4.35	12.85	
14	9.0	4.34	13.34	
15	93	4.35	13.65	

Copied B'k 52:76

B Series

S. M. October 10, 1916

B 44835 C10 19 +15

				Diff	Curve	magn	PC	Diff	Curve	magn.
1	B				·	B	7,3	−0.46	−0.47	6.83
2	3.2 3.0			4.21	5.50	8.70	8,2	−0.79	−0.67	7.53?
3	B				·	B	7,9	−0.56	−0.60	7.30
4	B				·	B	8,2	−0.36	−0.67	7.53
5	B				·	B	9,1	−0.67	−0.83	8.27
6	B				·	B				
7	B				·	B				
8	3.9 3.7	3.90	3.9	5.20	5.33	9.23				
9	B				·	B				
10			4.9	4.79	5.03	9.93				
11			5.1	4.94	4.96	10.06				
12			5.9	4.59	4.74	10.64				
13			6.1	4.63	4.68	10.78				
14			6.2	4.81	4.64	10.84				
15			6.2	4.97	4.64	10.84				
16			6.9	4.62	4.49	11.39				
17			7.2	4.70	4.45	11.65				
18			8.1	4.25	4.36	12.46				
19			8.3	4.44	4.36	12.66				
20			8.7	4.17	4.35	13.05				
21			9.0	4.48	4.34	13.34				
22			7		·	7				
23			9.40 9.3 9.5	4.58	4.35	13.75				
24			7		·	7				
25										
26										

3 20

Measures for Relative Magnitudes E2

Shut 66

De V

October 25, 1916

12

B 46386 4 0 - 45

	B t/p		C	Diff	Cu	Magn	PC	Diff	Cu	Magn
1							8.1	-1.08	-1.95	6.15
2			4.10^{11} 4.2 4.0	3.43	3.55	7.65	8.60^{11} 8.7 8.5	-1.07	-1.06	7.54
3	3.8 3.7	3.85^{01}	3.9	3.63	3.53	7.38	8.60^{11} 8.5 8.7	-1.12	-1.06	7.64
4	3.8 3.7	3.90^{11}	4.0	3.48	3.53	7.43	8.3	-0.92	-1.98	6.32
5			4.3	3.48	3.55	7.85	9.10^{11} 9.0 9.2	-1.32	-1.20	7.90
6			4.3	3.62	3.55	7.85	9.0	-1.08	-1.17	7.83
7			4.6	3.62	3.56	8.16	9.7	-1.52	-1.43	8.27
8			4.50^{11} 4.4 4.6	3.84	3.56	8.06	9.8	-1.46	-1.47	8.33
9			4.55^{21} 4.4 4.7	3.81	3.56	8.11	9.75^{01} 9.8 9.7	-1.39	-1.45	8.30
10			4.9	3.52	3.58	8.48	9.9	-1.48	-1.50	8.40
11			5.0	3.48	3.58	8.58				
12			5.2	3.28	3.59	8.79				
13			5.2	3.52	3.59	8.79				
14			5.55^{12} 5.7 5.4	3.37	3.60	9.15				
15			5.7	3.56	3.60	9.30				
16			5.7	3.51	3.60	9.30				
17			5.9		3.60	9.50				
18			5.75^{01} 5.8 5.7	3.56	3.60	9.35				
19			6.1	3.60	3.60	9.70				
20			6.2	3.57	3.60	9.80				
21			6.60^{21} 6.5 6.7	3.71	3.61	10.21				
22			7.00^{11} 7.1 6.9	3.48	3.61	10.61				
23			7.05^{21} 6.9 7.1	3.48	3.61	10.61				
24			7.3	3.46	3.61	10.91				
25			7.3	3.84	3.61	10.91				
26			7.5	3.81	3.60	11.10				
27	Sup. on diffr. im.									
28			7.8	3.90	3.60	11.40				

	C			
29	7.8	3.79	3.60	11.40
30	8.00^{00} 8.0 8.0	3.72	3.58	11.58
31	8.50^{00} 8.5 8.5	3.56	3.55	12.05
32	8.95^{01} 9.0 8.9	3.41	3.51	12.46
33	8.95^{10} 8.9 9.0	3.39	3.51	12.46
34	9.15^{01} 9.2 9.1	3.54	3.49	12.64
35	9.60^{11} 9.5 9.7	3.51	3.44	13.04
36	9.75^{10} 9.7 9.8	3.29	3.42	13.19
37	7			

ScV October 25, 1916

B46386	Diffr. g	h
1	tp	tp
2	7.2	7.1
3	7.1	7.1
4	7.0	7.0
5	7.3	tp
6	7.3	7.3
7	tp	tp
8	tp	tp
9	7.9	8.0
10	8.0	8.1
11	8.1	8.1
12	tp	tp
13	Sup.	8.3
14	8.7	8.5
15	9.1	9.1
16	9.1	9.2
17	tp	tp
18	9.5	tp
19	9.7	tp

1 oo

Images slightly elong- poor-

Measures for Relative Magnitudes.

ScN October 25, 1916

1 35 B 46394 E5 12-45

	B	C		Diff	Cu.	Magn	Pg		Diff.	Cu.	Magn.
1	34 3.3			Dbl. sheets. 3.36	3.44	6.74	7.9	7.95 1.0 8.0	−1.19	−1.20	6.75 ~~7.7~~
2	34 3.3						8.0				
3	40 3.9 4.05 0 1	4.1		3.19	3.34	7.39	8.8		−1.56	−1.31	7.49
4		3.9		3.41	3.36	7.26	8.60 L1 8.5	8.7	−1.29	−1.29	7.31
5		4.1		3.40	3.34	7.44	8.9		−1.40	−1.32	7.58
6		4.3		3.59	3.33	7.63	9.0		−1.11	−1.34	7.66
7		4.8		3.09	3.30	8.10	9.40 L1 9.3	9.5	−1.51	−1.38	8.02
8		4.9		3.32	3.29	8.19	Im. sup.				
9		5.1		3.39	3.29	8.39	7				
10		5.1		3.48	3.29	8.39					
11		5.80 1L 5.9	5.7	3.27	3.27	9.07					
12		6.1		3.34	3.29	9.39					
13		6.1		3.06	3.29	9.39					
14		6.3		3.24	3.31	9.61					
15		6.60 L1 6.5	6.7	3.52	3.37	9.97					
16		6.9		3 4.99							
17		7.1		3.21	3.50	10.60					
18		7.2 ws ~~7.3~~	~~7.5~~	4 3.52	3.52	10.72					
19		7.3		3.60	3.54	10.84					
20		7.60 L1 7.5	7.7	3.60	3.63	11.23					
21		7.7		3.68	3.60	11.30					
22		8.0		4.02	3.73	11.73					
23		8.4		3.99	3.84	12.24					
24		8.7		3.86	3.90	12.60					
25		8.9		3.96	3.95	12.85					
26		9.40 L1 9.3	9.5	4.04	4.07	13.47					
27		n.s		.	.	.	Diff images very much elong.				
28		9.8?		4.13	4.16	13.96?					7

MC Series 683

Dec V

December 14, 1916

10 ~~#5~~ 5 Mc 11102 Pole

				C				PC						
5	B			~~1107~~		~~1113~~ ~~p71~~		5.2	5.2	5.0	12 5.10	1.39	070713 5.13	.36
6	B					1107 p63		5.7	5.7	5.7	00 5.70	1.41	000 5.70	1.41
8	B							7.1	7.1	7.1	00 7.10	1.13	000 7.10	1.13
9	B		~~2.9~~					7.7	7.8	7.7	01 7.76	1.08	030703 7.73	1.10
10	B		2.9			2.9 a.	6.12	81	8.0	8.0	00 8.00	1.52	070303 8.03	0.99
11	B		3.3			3.3 a.	6.25	89	8.5	9.0	32 8.75	0.80	102020 8.80	0.75
12	3.8 3.7	3.85	01 3.8	3.9	3.9	0302 3.88	5.98	9.5	9.0	9.10 9.2 9.60	32 9.35	0.51	23177 9.27	0.59
13	4.1 4.0	4.20 11	4.3	4.3	4.3	05 03 4.25	6.05		9.7 ?	ft-.	9.7 a.	0.60	9.7 a.	0.60
14			4.7	4.7	4.7	00 4.70	5.95		00 0505 3.85 4.27 07 03 03 4.70 000	6.01 6.03				
15			5.2	5.2	5.2	00 5.20	5.88		5.20	5.95 5.88				
16			5.7	5.8	5.7	01 5.70	5.65		030703 5.73	5.67				
17			6.1	6.1	6.0	10 6.05	5.58		030307 6.07	5.56				
18			6.7	6.8	6.60	11 6.70	5.36		011 6.70	5.36				
19			7.1	7.1	7.1	00 7.10	5.32		000 7.10	5.32				
20			7.4	7.3	7.3	00 7.30	5.43		070303 7.33	5.40				
23			8.1	7.9	8.1 8.80 11	11 8.00	5.34		071307 8.03	5.31				
25			8.9	8.7	8.9 89	0505 8.86	5.02		303703 8.87	5.00				
26			9.7	9.3	9.5	11 9.40	4.93		220 9.50	4.83				
27			-	9.7	-	9.9 a.	4.99		9.7 a.	4.99				

MC Series 683

Card.

ScV

December 14, 1916

MC 11163 Y Lacertae 22 + 50

alt. corr +.22

	B	C	Cu	Magn	pc		Cu	Magn
a					7.8 (7.75)	7.7 (01)	1.0~~7~~	8.~~77~~81
b					Im. defective			
c		.			7.5 (7.40)	7.3 (12) .	1.1~~0~~3	8.5~~9~~3
d		4.0	6.08	10.08	Sup.			
e		4.3	6.0~~8~~1	10.3~~8~~1				
f		5.0	5.87	10.87				
g		5.8	5.6~~4~~9	11.4~~4~~9				
h		6.1	5.~~55~~64	11.~~65~~74				
k		6.7	6.5 (6.60 11) ~~5.42~~ 52	12.~~02~~13				
l		7.0	5.~~32~~45	12.~~32~~45				
m		7.2	5.~~27~~42	12.~~47~~62				
n		7.5	5.~~23~~36	12.~~73~~86				
o		7.9	5.~~18~~27	13.~~08~~17				
p		8.4	5.1~~8~~6	13.5~~8~~6				
q		9.0	5.0~~3~~6	14.0~~3~~6				
r		9.1	5.0~~0~~5	14.1~~0~~5				
s		9.5	9.7 (9.60 11) 4.95	14.55				

MC Series 683

Copied B18:109

DeV

Card.

December 14, 1916

MC 11104 D12 - Region on edge of plate - Alt. corr - 18

MC 11105 Carte - Alt. corr + 14

Copied by E.E.W bk 18 p 109

	B		C	Cu	magn	23 + 10	Cu	magn
1						6.1	1.31	7.41
2	~~3.7~~ 3.8	3.80 00	3.8	~~6.11~~ 6.08	~~9.91~~ 9.88	9.0	~~0.78~~ 0.76	~~9.78~~ 9.76
3			4.3	~~6.03~~ 6.01	~~10.33~~ 10.31			
4			5.1	5.85	10.95			
5			5.3	~~5.28~~ 5.80	~~10.58~~ 11.10			
6			6.0	~~5.57~~ 5.65	~~11.57~~ 11.65			
7			6.5 6.7 6.60±	~~5.42~~ 5.53	~~12.62~~ 12.63			
8			7.0 6.8 6.90±	~~5.35~~ 5.47	~~12.25~~ 12.37			
9			7.7	~~5.40~~ 5.30	~~12.90~~ 13.00			
10			8.3	~~5.12~~ 5.20	~~13.42~~ 13.50			
11			8.3	~~5.12~~ 5.20	~~13.42~~ 13.50			
12			8.5	~~5.10~~ 5.16	~~13.62~~ 13.66			
13			8.9	~~5.04~~ 5.08	~~13.94~~ 13.98			
14			9.1	~~5.01~~ 5.05	~~14.11~~ 14.15			
15			9.8	~~4.94~~ 4.90	~~14.74~~ 14.70			

MC Series 683

Card.

DeV

December 14, 1916

QOb. corr +.20

MC 11106 Eros 1907 23 + 25

	B		C	Cr	magn	PC	Cr	magn
1						7.7	6 1.0~~4~~	6 8,7~~4~~
2						8.2	6 0.9~~7~~	6 9,1~~8~~
3						8.60'1 8.5 8.7	7 0.8~~8~~	7 9.4~~7~~
4						8.5	90 0.~~87~~	40 9.~~37~~
5	3.8 3.7	3.86 01	3.9	08 6.~~12~~	3 9.9~~5~~	9.5	61 0.~~59~~	11 10.~~09~~
6			4.3	1 6.0~~8~~	1 10,3~~8~~	Sufr?		
7			4.9	5.90	10,80			
8			5.2	5.10'1 5.0 5.85	10,95			
9*			6.7	6.60'2 5 6.5 5.4~~2~~	1 12,~~0~~2			
10			6.7	6.60'1 5 6.5 5.4~~2~~	1 12,~~0~~2			
11			7.0	4.90'1 47 6.8 5.~~35~~	3 7 12,~~25~~			
12			7.2	41 5.~~27~~	61 12,4~~7~~			
13			7.3	38 5.~~24~~	68 12,~~56~~			
14			7.3	38 5,~~26~~	68 12,~~56~~			
15			7.5	7.60'1 33 7.7 5.~~22~~	93 12,~~82~~			
16			8.1	23 5.~~15~~	33 13,~~25~~			
17			8.9	8 5.0~~7~~	8 13,9~~7~~			
18			9.3	500 ~~4.98~~	30 14,~~28~~			
19			9.5	4.97	14,47			
20			9.9?	89 4.~~94~~ ft.	79 14,~~84~~			
α			5.3	5.80	11.10			

* 9 is a variable. M.H. 1920 April.

MC Series 683

ScV December 14, 1916

MC 11107 Pole

	B	C	PC
5			5.0
6			5.7
8			7.1
9			7.7
10			8.0
11			9.0
12		3.9	9.60±1 9.5 9.7
13		4.3	9.9 ~~7.7~~
14		4.7	
15		5.2	
16		5.7	
17		6.0	
18		6.60±1 6.5 6.7	
19		7.1	
20		7.3	
23		8.1	
25		8.9	
26		9.5	
27		Scr.	

12 0

MC Series 683

Oct December 18, 1916

11 10 MC 11107 Pole

	B		e				PC			
5				11113 p71			5.2	5.1	5.15^{01}	1,34
6							5.7	5.7	5.70^{00}	1,41
8							7.1	7.0	7.05^{10}	1,18
9							7.7	7.7	7.70^{00}	1,13
10	2.9 3.0 2.8				$2.9^{\underline{a}}$	6,12	8.1	8.0	$8,05^{10}$	0,97
11	3.3 3.2				$3.3^{\underline{a}}$	6,25	8.9	9.0	8.95^{10}	0,60
12	3.8 3.7				$3.8^{\underline{a}}$	6,06	9.5	9.4	$9,45^{10}$	0.41
13	4.3 4.2	4.30^{00}	4.3	4.30	$4.30^{00\,00}$	6,00	7	9.8	$9.82^{\underline{a}}$	0.50
14			4.7	4.8	4.75^{10}	5,90				
15			5.2	5.3	5.25^{01}	5,83				
16			5.7	5.8	5.75^{10}	5,65				
17			6.1	6.2	6.15^{10}	5,48				
18			6.7	6.8	6.75^{10}	5,31				
19			7.1	7.1	7.10^{00}	5,32				
20			7.4	7.3	7.35^{01}	5,38				
23			8.1	8.0	8.05^{10}	5,29				
25			8.9	8.8	8.85^{10}	5.02				
26			9.7	9.40	$9.55^{\underline{12}}$	4,78				
27			Scr. 7 –	9.8	$9.8^{\underline{a}}$	4,89				

Mc Series 683

ScV

December 18, 1916

Card.

Mc 11108 VW Androm. (Ref Seq)

ab. corr + .22

	B	C	En	magn	pc	En	magn
1	B				7.2	1.20	8.40
2	B				8.0	0.99	8.99
3	B				8.7	0.78 near br. object	9.48
4	~~B~~ 3.3 3.4		6.12	9.52	8.9	0.72	9.62
5		4.7	5.93	10.63			
6		5.4	5.79	11.19			
7		5.5	5.76	11.26			
8		5.7	5.72	11.42			
9		6.3	5.59	11.89			
10		6.5	5.54	12.04			
11		6.7	5.50	12.20			
12		7.0	5.44	12.44			
13		7.5	5.34	12.84			
14		7.9	5.25	13.15			
15		7.8	5.27	13.07			
16		7.9	5.25	13.15			
17		8.2	5.18	13.38			
18		8.5 8.7 8.60±1	5.08	13.68			
19		9.0	4.99	13.99			
20		9.3	4.92	14.22			

Mc Series 683

Card

ScY

December 18, 1916

addt corr +.20

Mc 11109 Eros 1914 0 10 + 22.5

	B		C	Cu	Magn	PC	Cu	magn
1						7.9	1.02	8.92
2	3.8 37	3.85 α	3.9	6.06	9.91	9.20'' 9.1 9.3	0.62	9.82
3	3.4 3.3			6.12	9.52	9.1	0.65	9.75
4			4.7	5.92	10.62	9.8?	0.43	10.23
5			4.8 ~~4.7~~	5.90	10.70	9.8	0.43	10.23
6			5.2	5.83	11.03			
7			5.2	5.83	11.03			
8			5.7	5.72	11.42			
9			6.1	5.63	11.73			
10			6.5	5.54	12.04			
11			6.8	5.48	12.28			
12			7.2	5.40	12.60			
13			7.5	5.34	12.84			
14			7.5	5.34	12.84			
15			7.7	5.30	13.00			
16			8.0	5.23	13.23			
17			8.7	8.60'' 8.5 5.07	13.67			
18			8.8	5.03	13.83			
19			9.0	4.99	13.99			
20			9.5	9.60'' 9.7 4.87	14.47			

Mc Series 683

Card.

DeV

December 18, 1916

Mc 11110 SU Cass 6 30 + 50 (Ref)

at *1 corr +.22

	B		C	Cu	magn	PC	Cu	magn
1						7.5	1,13	8,63
2						8.1	0.97	9,07
3						8.5	0.85	9,35
4	4.0 3.9	4.10''	4.2	6.02	10,12	9.7 9.60'' 9.5	0.48	10,08
5			4.3	6.00	10,30	9.7	0.45	10,15
6			4.8	5.90	10,70			
7			5.5	5.76	11,26			
8			5.7	5.72	11.42			
9			6.2	5.61	11,81			
10			6.4	5.57	11,97			
11			6.5	5.54	12,04			
12			6.7	5.50	12,20			
13			7.0	5.44	12,44			
14			7.5	5.34	12,84			
15			7.5	5.34	12,84			
16			7.8	5.27	13,07			
17			8.1	5.20	13,30			
18			8.8	5.03	13,83			
19			9.3 9.40'' 9.5	4.90	14,30			
20			F					

MC Series 683 Copied B 9:9

Sc V December 18, 1916

act. on +.22

MC 11110 SU Cass [Var Seq]

	B		C	Cn	magn	PC	Cn	magn
a						6.3	1,36	7,66
b						6.7	1,30	8,00
c						7.1	1:25	8,35
d						7.2	1.21	8,41
e						7.5	1.13	8,63
f						7.7	1.07	8.77
g						8.1	0.97	9.07
h						8.5	0.84	9,34
k	3,8 3.7	3.88 .09 .07 .11 ~~3.90~~	3.95 .01 40	3.96.05	9.93	9.0	0.68	9,68
l			4.7	5.91	10.61	9.8	0.43	10,23
m			5.3	5.80	11,10			
n			5.8	5.69	11.49			

Seq not in center of plate.

MC Series 683

DcV December 18, 1916 Card.

MC 11111 UU Androm. (Ref seq.) abs. corr + .21

	B		C	Cu	magn	PC		Cu	magn
1						8.3		8.90	9,20
2	3.4 3.3			6.13	9.53	8.8	8.85 01 8.9	0.73	9,58
3	3.4 3.3			6.13	9,53	9.1		0.64	9,74
4	4.0 3.9	4.05''	4.1	6.03	10,08	9.8		0.43	10.23
5			5.1	5.86	10,96				
6			5.4	5.79	11.19				
7			5.4	5.79	11,19				
8			6.1	5.64	11.74				
9			6.0	5.65	11.65				
10			6.3	5.59	11,89				
11			6.5	6.60'' 6.7 5.53	12,13				
12			6.8	5.48	12,28				
13			7.2	5.40	12,60				
14			7.5	5.33	12.83				
15			7.8	5.27	13.07				
16			8.0	5.23	13.23				
17			8.2	5.18	13.38				
18			8.8	5.03	13.83				
19			9.3	4.92	14.22				
20			9.8	4.83	14.69				

MC Series 683

Copied B/S: 122

ScV December 18, 1916

Card.

All. corr +.03

MC 11112 Scale 0 59 – 2.5

	B		C	Cu	Magn	pc	Cu	Magn
1						8.1	0.96	9.86
2	3.5 3.4			6.10	9.60	9.1	0.65	9.75
3	4.2 4.1	4.25"	4.3	6.00	10.25	9.8	0.43	10.23
4			4.4	5.97	10.37	7		
5			5.2	5.83	11.03			
6			5.5	5.77	11.27			
7			6.1	5.63	11.74			
8			7.1	5.41	12.51			
9			7.3	5.38	12.68			
10			7.9	5.25	13.15			
11			8.1	5.20	13.30			
12			8.9	5.00	13.90			
13			9.7?	4.85	14.55			
14			9.5	4.88	14.38			
15			9.7	4.85	14.55			
16			9.8	4.83	14.63			
17			9.8	4.83	14.63			
18			7					
19								
20								

Poor Scale - does not show ft images

Mc Series 683

DcV December 18, 1916

Mc 11113 Cole

		B	C	PC
1 —— 00	5			5.1
	6			5.7
	8			7.0
	9			7.7
	10			8.0
	11			9.0
	12			9.4
	13	4.3 4.2 4.30''	4.3	9.8
	14		4.8	
	15		5.3	
	16		5.8	
	17		6.2	
	18		6.8	
	19		7.1	
	20		7.3	
	23		8.0	
	25		8.8	
	26		9.40'' 9.5 9.3	
	27		9.8	

1 00 See page ~~59~~ 64

MC Series 679

Sheet no 348

Dev January 11, 1917

12 05 MC11060 Pole

	B	C	11065 P77			PC			
5						5.8	5.2	5.50^{33}	0.99
6						6.2	6.1	6.15^{01}	0.96
8						7.5	7.3	7.40^{11}	0.83
9						8.2	7.9	8.05^{21}	0.78
10						8.5	8.3	8.40^{11}	0.62
11						9.1	9.0	9.05^{10}	0.50
12		4.2	3.9	4.05^{21}	5.81	9.5	9.5	9.50^{00}	0.36
13		4.6	4.40	4.50^{1010}	5.80	9.9	9.9	9.90^{00}	0.40
14		5.1	5.0	5.05^{10}	5.60	7			
15		5.5	5.5	5.50^{00}	5.58				
16		5.9	6.0	5.95^{10}	5.45				
17		6.1	6.2	6.15^{10}	5.48				
18		6.9	6.9	6.90^{00}	5.16				
19		7.2	7.1	7.15^{01}	5.27				
20		7.5	7.5	7.50^{00}	5.23				
23		8.1	8.1	8.10^{00}	5.24				
25		8.9	8.9	8.90^{00}	4.97				
26		9.5	9.60	9.55^{10}	4.78				
27		9.9		9.90	4.79				

MC Series 679

DcV

January 11, 1917

MC 11061 DM. Ref 21 10 + 39.5 alt. corr +.20

	B		C	Cm	Magn	PC 4.60		Cm	magn
1						7.5	7.7	0.79	8,39
2						7.8		0.75	8,55
3						8.3		0.67	8,97
4						9.0		0.53	9,53
5	3.8 3.7	3,85^{01}	3.9	5.87	9,72	9.3		0.46	9,76
6	4.3 4.2	4.30^{00}	4.3	5.78	10,08	9.7		0.37	10,67
7			4.9	5.66	10,56				
8			5.4	5.56	10,96				
9			5.4	5.56	10,96				
10			6.0	5.45	11,45				
11			6.3	5.40	11.70				
12			6.5	5.36	11,86				
13			6.7	5.32	12,02				
14			7.3	5.20	12,50				
15			7.7	5.14	12,84				
16			8.0	5.07	13.07				
17			8.3	5.03	13,33				
18			8.7	4.96	13.56				
19			8.9	4.93	13,83				
20			9.2	4.88	14,08				
21			9.5	4.84	14,34				

MC Series 679

: Copied B 9 a: 177

Card

ScV

January 11, 1917

alt. corr + .20

MC 11062 SS Cygni 21 + 43

	B	c	Cu	Magn	pc	Cu	magn
a					8.8	0.56	9,36
b					8.1	0.71	8,81
c					8.9	0.54	9,44
d					8.3	0.67	8,97
e					8.7	0.58	9,28
f		4.3	5.78	10,08	9.9 ?	.	.
g		3.9	5.86	9,76	9.60±1 9.5 9.7	0.39	9,99
h		4.3	5.78	10,08	9.9	.	.
k		5.0	5.64	10,64			
l		5.3	5.58	10,88			
m		6.2	5.41	11,61			
n		6.1	5.44	11,54			
o		6.8	5.30	12,10			
p		7.5	5.17	12,67			
q		7.7	5.14	12,84			
r		8.1	5.06	13,16			
s		8.9	4.93	13,83			
t		9.2	4.88	14,08			
u		9.7	4.81	14,51			
w		9.8	4.80	14,60			

Mc Series 679

Copied B 8:178

Card.

DcV

January 11, 1917

Mc 11063 D12 23−15

alt. corr −.18

	B	σ	Cn	magn	pc	Cn	magn		pc	Cn	magn
1					7.1	0,87	7.97	29	8,4	5.02	13.42
2					6,9	0.90	7,80	30	8,7	4.96	13,66
3					7.7	0.77	8,47	31	9.0	4.91	13,91
4					7.9	0.74	8,64	32	8,9	4.93	13,83
5					7,5	0.80	8,30	33	9,4	4.85	14,25
6					8,2	0.69	8,89	34	9,8	4.80	14,60
7					8,7	0,58	9,28	35	9,8	4.80	14,60
8					8,7	0.58	9,28	36	F		
9					9.0	0.53	9,53				
10					9.0	0.53	9,53				
11					9.2	0,47	9,67				
12					9,60'' 9.5 9.7	0,39	9,99				
13		3,8	5,88	9,68	9,8	0.34	10,14				
14		4.1	5,84	9,94	9,8 ?	0.34	10,14?				
15		4,3	5.78	10,08							
16		4,4	5.77	10,17							
16a		5,2	5.60	10,80							
17		5,5	5.54 5,60''	11,04							
18		5,7 5,5	5,53	11,13							
19		5,7	5.51	11,21							
20		6,1	5.44	11,54							
21		6.3	5.40	11,70							
22		6,3	5.40	11,70							
23		7,1	5,24	12,34							
24		7.40'' 7,3 7,5	5,18	12,58							
25		7,5	5,17	12,67							
26		7,5	5.17	12,67							
27		7,5	5.17	12,67							
27a		7,9	5.10	13,00							
28		8,1	5.06	13.16							

MC Series 679

Copied B 10:109

Card

ScV

January 11, 1917

MC 11064 Cart = 2~~1~~3 + 10

Alt. corr +.14

	B	C	m	magn	PC	m	magn
1					5.9	1.00	6.90
2					9.3	0.45	9.75
3		4.3	5.78	10.08	9.8	.0.36	10.16
4		5.3	5.58	10.88			
5		5.4	5.56	10.96			
6		6.1	5.45	11.55			
7		6.5	5.35	11.85			
8		7.1	5.26	12.36			
9		7.6	5.15	12.75			
10		8.1	5.06	13.16			
11		8.5	5.00	13.50			
12		8.7	4.96	13.66			
13		9.0	4.91	13.91			
14		9.8	4.80	14.60			
15		7					

MC Series 679

DeV

January 11, 1917

MC 11065 Pole

	B	C	PC
5			5.2
6			6.1
8			7.3
9			7.9
10			8.3
11			9.0
12		3.9	9.5
13		4.40 12 4.5 4.3	9.9 ?
14		5.0	
15		5.5	
16		6.0	
17		6.2	
18		6.9	
19		7.1	
20		7.5	
23		8.1	
25		8.9	
26		9.60 21 9.5 9.7	
27		7	
30			

See page 72

MC Series 679

Sheet no 348

Dev

January 15, 1917

9 50 MC 11065 Bole

			11071 p84				PC			
5							5.3	5.2	5.25^{10}	1,24
6							6.1	6.1	6.10^{00}	1.01
8							7.3	7.3	7.30^{00}	0,93
9							8.0	8.1	8.05^{01}	0,78
10							8.3	8.5	8.40^{11}	0,62
11							8.8	9.0	8.90^{11}	0,65
12	$\overset{4.0}{3.9}$	4.00^{00}	4.0	4.1	$\overset{05\ 05}{4.05}$	5,81	9.5	9.5	9.50^{0}	0.36
13			4.5	4.7	4.60^{11}	5,80	f			
14			5.0	5.2	5.10^{11}	5,55				
15			5.4	5.7	5.55^{21}	5,53				
16			5.9	6.1	6.00^{11}	5,40				
17			6.2	6.3	6.25^{01}	5,38				
18			6.8	6.9	6.85^{01}	5,21				
19			7.1	7.2	7.15^{10}	5,27				
20			7.5	7.5	7.50^{00}	5,23				
23			8.0	8.1	8.05^{01}	5,29				
25			9.0	9.0	9.00^{00}	4,87				
26			9.5	9.5	9.50^{00}	4,83				
27			9.9			4.79				

Mc Series 679

Copied B 8: 96

Dev

January 15, 1917

Card

Mc 11066 b12 23 ± 15

alt. corr +.15

	B		C	ln	magn	PC	ln	magn					
1						5,3	1.23	6,53	29	9.8 9.65^{21}	9.5	4.84	14,49
2						5,7	1.14	6,84	30	9.8		4.81	14,61
3						6,0	1.10	7,10	31	f			
4						6,7	1.00	7,70	32				
5						6,9	0.97	7,87	33				
6						7,4	0.87	8,27					
7						7,5	0.86	8,36					
8						7,5 7,7 $7{,}60^{21}$	0.84	8,44					
9						8,5	0,70	9,20					
10						8,5	0.70	9,20					
11						8,8	0.64	9,44					
12						9,2	0.57	9,77					
13	3,8 3.9	3.95^{10}	4,0	5.86	9,81	f ?	Near bi object						
14			4,0	5.85	9,85	9,5	0,53	10,03					
15			4,0	5.85	9,85	9,8	0,48	10,28					
16			4,4	5.76	10,16								
17			5,2	5.60	10,80								
17a			5,3	5.57	10,87								
18			5,6	5.50	11,10								
Dbl. 19													
19a			6,3	5.36	11,66								
20			6,3	5.36	11,66								
21			6,7 6,9 6.80^{21}	5.26	12,06								
22			7,5	5.15	12,65								
23			7,3 7,5 7.40^{21}	5.16	12,56								
24			8,0	5.06	13,06								
25			7,9	5.08	12,98								
26			8,1	5.05	13,15								
27			8,5	5.00	13,50								
28			8,7	4.96	13,66								

MC Series 679

Copied B 9a:175

Card.

SeV

January 15, 1918

MC 11067 γ γ Androm. 23 + 35

QCA. corr + .22

	B	C	Ln	magn	PC	Ln	magn
a					7.0	0,94	7,94
b					7.1	0.93	8,03
c					8.0	0.78	8,78
d					8.5 8.60'' 8.7	0.67	9,27
e					9.0	0.60	9,60
f		3.9	5.87	9,77	98	0.48	10,28
g		4.1	5.83	9,93			
h		5.0	5.64	10,64			
k		5.4	5.55	10,95			
l		5.9	5.44	11,34			
m		6.0	5.41	11,41			
n		7.0	5.23	12,23			
o		7.5	5,14	12.64			
p		7.9	5.07	12.97			
q		8.3	5.03	13,33			
r		8.9	4,95	13,85			
s		9.3 9.40'' 9.5	4.87	14,27			
t		9.9	4.80	14.70			

MC Series 679

Card

Set

January 15, 1917

Abs. corr +.20

MC 11068 Eros 1907 23 + 25

	B	C	Cm	magn	PC	Cm	magn
1					7,9	0.80	8,70
2					8,5	0.70	9,20
3					8,7	0.65	9,35
4					8,9	0.~~7~~62	9.52
5					9,5	0.53	10.03
6		4.7	4,55^{13} 4.4 5.73	10,28			
7		4.7	5.70	10,40			
8		4.9	5.67	10,57			
9		5.7	5,48	11,18			
10		6.5	5.32	11,82			
11		6.9	5.25	12,15			
12		7.4	5.16	12,56			
13		7.5	5.14	12,64			
14		7.5	5.14	12,64			
15		8,1	5.05	13,15			
16		8.5	5.00	13,30			
17		8.9	4.94	13,84			
18		9.5	9,60^{21} 9.7 4.84	14,44			
19		9.7	4,83	14,53			
α		5.6	5.50	11,10			

Mc Series 679

Card

S cV January 15, 1917

Mc 11069			a	magn	PC	a	magn	
1					8.1	0.76	8.86 Eros 1914	ad [illegible] 0 +22.5
2		4.0 $\overset{3.90''}{3.8}$	5.87	9.77	9.8	0.48	10.28	
3	$\overset{3.5}{3.4}$				9.5 $\overset{9.60''}{9.7}$	0.50	10.10	
4		4.9	5.66	10.56				
5		4.9	5.66	10.56				
6		5.1	5.61	10.71				
7		5.3	5.57	10.87				
8		5.7	5.50	11.20				
9		6.1	5.40	11.50				
10		6.5 $\overset{6.60''}{6.7}$	5.30	11.90				
11		7.1	5.20	12.30				
12		7.3	5.17	12.47				
13		7.7	5.10	12.80				
14		7.9	5.07	12.97				
15		8.1	5.05	13.15				
16		8.2	5.03	13.23				
17		8.7	4.97	13.67				
18		9.3	4.88	14.18				
19		9.5	4.86	14.36				
20		9.8	4.80	14.60				

MC Series 679

Copied B 7:47

Card.

DeV

January 15, 1917

abs. corr + .18

MC 11070 ~~SW Androm.~~ Seq for 44K 0 +30

	B		a	Cu	magn	PC	Cu	magn
1						9.1 8.95^{12} 8.8	0.60	9,55
2						8.3 8.40^{11} 8.5	0.70	9,10
3	3.5 3.4	3.60^{11}	3.7	5.95e	9,55e	9.7	0.49	10,19
4			3.9	5.87	9, 77	9.8	0.48	10,28
5			4.2	5.80	10,00	9.8	0.48	10.28
6			5.1	5.61	10,71			
7			5.2	5.59	10,79			
8			5.5	5.53	11, 03			
9			5.7	5.48	11,18			
10			6.3	5.37	11,67			
11			6.5	5.33	11,83			
12			6.85^{01} 6.8 6.9	5.26	12,11			
13			7.1	5.20	12,30			
14			7.5	5.14	12,64			
15			8.5	5.00	13,50			
16			9.3	4.88	14,18			
17			9.8	4.80	14,60			
α			3.9	5.87	9, 77			
β			5.4	5.54	10,94			
δ			6.9	5.24	12.14			

MC Series 679

Sct January 15, 1917

MC 11071 Pole

B	C	PC
5		5.2
6		6.1
8		7.3
9		8.1
10		8.5
11		9.0
12	4.1	9.5
13	4.7	7
14	5.2	
15	5.7	
16	6.1	
17	6.3	
18	6.9	
19	7.2	
20	7.5	
23	8.1	
25	9.0	
26	9.5	
27	7	

11 ~~45~~ 40 See page 78

MC Series 693

DcY February 15, 1917

10 25 MC 11360 Pole.

	B		C	11364 p90		Pc		
5						5.3 5.1	5.20^{11}	1.29
6						6.1 5.9	6.00^{11}	1.11
8						7.5 7.5	7.50^{00}	0.73
9						8.1 8.2	8.15^{10}	0.68
10						8.3 8.5	8.40^{11}	0.62
11	3.9 3.8	3.95^{10}	4.0 4.0	3.98^{0302}	5.37	8.9 9.1	9.00^{11}	0.55
12	4.4 4.3	4.40^{00}	4.4 4.4	4.40^{0000}	5.46	9.4 9.60	9.50^{1010}	0.36
13			4.95^{01} 5.0 4.9 4.9	4.92^{0302}	5.38	9.7 9.9	9.80^{11}	0.50
14			5.4 5.3	5.35^{61}	5.30	10.0 ·	$10.0^{9·}$	0.65
15			5.9 5.8	5.85^{10}	5.23			
16			6.3 6.1	6.20^{11}	5.20			
17			6.5 6.5	6.50^{00}	5.13			
18			7.05^{01} 7.0 7.1 7.0	7.02^{0302}	5.04			
19			7.3 7.3	7.30^{10}	5.12			
20			7.7 7.60	7.65^{0505}	5.08			
23			8.3 8.5	8.40^{11}	4.94			
25			8.9 9.0	8.95^{10}	4.92			
26			9.40^{11} 9.5 9.3 9.7	9.55^{1515}	4.78			
27			9.8 · ·	$9.8^{9·}$	4.89			
28								

MC Series 693 : Card

S c V February 15, 1917

MC 11361 Z Vulpec. Ref. 19 20 + 25 Ref. corr +.17

		B		C	Cu	magn	PG			
	1						8.0			
	2						8.70 8.7	8.7	0.58	9.28
	3	4.2 4.1	4.20	4.2	5.51	9.71	9.5		0.50	10.00
Near crack	4			5.1	5.05 5.0 5.35	10.40				
	5			5.1	5.20 5.3 5.33	10.53				
	6			6.1	5.22	11.92				
	7			6.5	5.17	11.67				
	8			6.9	5.13	12.03				
	9			7.1	5.10	12.20				
	10			7.5	5.06	12.56				
Near crack	11			7.5	5.06	12.56				
	12			7.8	5.02	12.82				
	13			8.0	5.00	13.00				
	14			8.2	4.98	13.18				
	15			8.5	4.94	13.44				
	16			8.9	4.91	13.81				
	17			9.1	4.89	13.99				
	18			9.3	4.87	14.17				
	19			9.7	? 4.85	14.55?				

Plate broken across the center + mended - some of the images quite near crack.

Mc Series 693

Card.

SCV

February 15, 1917

ged. corr + .17

Mc 11362 UZ Draci Ref. 19 +67.5

	B	C	Cm	Magn	PC	Cm	magn
1					7.3	0.82	8.92
2					7.5	0.77	8.27
3	3.7 3.6 3.80 21	3.9	5.58	9.38	9.0	0.54	9.54
4	4.1 10 4.0 ~~3.7~~ 4.16	4.20 11 4.3 4.1	5.51	9.66 ws	39.40 21 9.8 9.5	0.52	9.92
5		4.7	5.43	10.13	9.8?	0.50	10.30?
6		5.2	5.33	10.53			
7		6.0	5.23	11.23			
8		6.60 11 6.5 6.7	5.16	11.76			
9		6.7	5.15	11.85			
10		7.2	5.09	12.29			
11		7.3	5.08	12.38			
12		7.5	5.06	12.56			
13		7.75 01 7.8 7.7	5.02	12.77			
14		7.9	5.01	12.91			
15		8.3	4.97	13.27			
16		8.8	92 4.~~83~~	13.72			
17		9.05 01 9.0 9.1	4.90	13.95			
18		9.60 11 9.7 9.5	4.85	14.45			

Poor Plate.

Over

MC Series 693

S C Y

February 15, 1917

MC 11362 (cont) UZ Draco

Add. corr +.17

	B		C		Cn	Magn	Dc			
a							7.5		0.77	8.27
b							8.5	8.60^{11} 8.7	0.60	9.20
c	4.0 3.9	4.05^{01}	4.1		5.53	9.58	9.7	$9.60^{''}$ 9.5	0.50	10.10
d			4.8	4.75^{01} 4.7	5.42	10.17				
e			5.2		5.33	10.53				
f			5.5		5.30	10.80				
g			6.0		5.23	11.23				
h			6.5	6.60^{11} 6.7	5.16	11.76				
k			7.0		5.12	12.12				
l			7.3		5.08	12.38				
m			7.9		5.01	12.91				
n			8.2		4.98	13.18				
o			8.7		4.93	13.63				
p			8.9		4.91	13.81				
q			9.3	9.40^{11} 9.5	4.87	14.27				
uz	4.0 3.9	4.00^{00}	4.0	~~9.2~~	5.54	9.54	9.3		0.52	9.82

Seq. not in center of plate.

Mc Series 693 Copied B10:60

DeV February 15, 1917 Card.

Mc 11363 Bart. 21 + 39 abs. corr + .22

	B	C		magn	PC		
1					5.8	1.14	6.94
2					6.60±1 6.5 6.7	0.97	7.57
3					7.0	0.88	7.88
4					7.1	0.86	7.96
5					8.1	0.68	8.78
6					8.40±1 8.3 8.5	0.63	9.03
7		4.1	5.53	9.63	9.2	0.53	9.73
8		4.7	5.42	10.12	9.7	0.50	10.20
9		5.60±1 5.5 5.7	5.27	10.87			
10		6.1	5.22	11.32			
11		6.7	5.15	11.85			
12		6.8	5.14	11.94			
13		7.5	5.06	12.56			
14		7.5	5.06	12.56			
15		8.2	4.98	13.18			
16		8.60±1 8.5 8.7	4.93	13.53			
17		9.3	4.88	14.18			
18		9.7	4.85	14.55			
19		9.8	4.83	14.63			
20		9.9	4.82	14.72			

Mc Series 693

J.c.V February 15, 1917

Mc 11364 Pole

	B	C		PC		
5				5.1		
6				5.9		
8				7.5		
9				8.2		
10				8.5		
11		4.0		9.1		
12		4.4		9.5 9.7 9.601'		
13		4.9		9.9		
14		5.3				
15		5.8				
16		6.1				
17		6.5				
18		7.0				
19		7.3				
20		7.5 7.7 7.601'				
23		8.0	8.1	8.5	8.5	8.1
25	w.s	9.0	8.5 8.7	9.0	9.0	8.5 8.7
26	w.s	9.7	9.1	9.7	9.7	9.1
27		~~7~~	9.8	9.8	7	9.8
~~28~~						

11 ; ~~45~~ 55   See page 85

MC Series 744 Sheet no 37.4

DeV March 9, 1917

9 35 MC 12187 Pole

	B		C	12192 p96			P C				
5							5.4		5.2	5.30^{11}	1.19
6							5.9	6.00^{11} 6.1	6.0	6.00^{0000}	1.11
8							7.1		7.3	7.20^{11}	1.03
9							8.0		8.0	8.00^{00}	0.83
10	2.9 2.8			3.0	2.95^{10}	6.07	8.3		8.4	8.35^{10}	0.67
11	3.5 3.4			3.4	3.45^{10}	6.10	8.8		8.8	8.80^{00}	0.75
12	3.9 3.8	3.90^{00}	3.9	3.90	3.90^{0000}	5.96	9.3		9.3	9.30^{00}	0.56
13	4.3 4.2	4.35^{10}	4.4	4.3	4.32^{0303}	5.98	9.8		9.8	9.80^{00}	0.50
14			4.8	4.8	4.80^{00}	5.85					
15			5.3	5.35	5.32^{0203}	5.76					
16			5.5	5.85	5.68^{1817}	5.72					
17			6.0	6.20	6.10^{1010}	5.53					
18			6.6	6.95	6.78^{1817}	5.28					
19			7.0	7.1	7.05^{01}	5.37					
20			7.3	7.40	7.35^{0505}	5.38					
23			8.0	8.05	8.02^{0203}	5.22					
25			8.8	8.65^{21} 8.5 8.5	8.58^{0708}	5.29					
26			9.0	9.0 ~~8.5~~	9.00^{00}	5.33					
27			9.7	$\overset{5}{9.8}$	9.60^{11}	5.09					
				9.9	9.9^{9}	5.21					

MC Series 744 Copied B9^{10}: 159

Sc V March 9, 1917 Card.

Att. corr. −.52

MC 12188 Darti 2 – 23.5

	B		C	Cm	magn	PC	Cm	magn
1						7.0	1.03	8.03
3 ~~2~~	3.9 3.8	3.95^{20}	4.0	6.00	9.95	9.5	0.55	10.05
2 ~~3~~	3.3 3.2			6.07	9.37	8.3	0.80	9.10
4			4.8	5.86	10.66	10.0	0.46	10.46
5			5.7	5.67	11.37			
6			5.5	5.60^{21} 5.7 5.69	11.19			
7			5.9	5.62	11.52			
8			5.9	5.62	11.52			
9			6.7	5.46	12.16			
10			7.0	5.40	12.40			
11			7.1	5.38	12.48			
12			7.6	7.45^{21} 7.3 5.33	12.78			
13			7.7	5.30	13.00			
14			7.7	5.30	13.00			
15			8.0	5.27	13.27			
16			8.3	5.24	13.54			
17			8.5	8.60^{21} 8.7 5.22	13.82			
18			8.8	5.20	14.00			
19			9.1	5.17	14.27			
20			9.8	5.13	14.93			

Images poor - hazy -

MC Series 744 Copied B 7:121

Dev March 9, 1917 Card

Ast. corr -.24

MC 12189 118 K 2 15 - 14.8

	B		C	Cu	magn	Pc		Cu	magn
1						6.6		1.09	7.69
2						6.9		1.06	7.96
3						7.3		1.00	8.30
4	2.8 2.7			6.09	8,89	7.9	8.00^{11} 8.1	0.85	8.85
5	3.3 3.2			6.07	9,37	8.7	8.60^{11} 8.5	0.74	9.34
6	4.3 4.2	4.35^{-10}	4.4	5.94	10,29	9.8		0.50	10.30
7			4.8	5.85	10,65				
8			4.85^{-01} 4.8 4.9	5.83	10,68				
9			5.4	5.74	11.14				
10			5.95^{-10} 5.9 6.0	5.60	11,55				
11			7.1	5.38	12,48				
12a ~~12~~			7.5	3 5.~~7~~2	12.82 ~~13.32~~				
~~12~~ ~~13~~			8.3	5.24	13,54				
14			8.8	5.20	14,00				
15			n.s.?						
16			9.5	5.15	14.65				

Ref plate 6327 broken - and mended so that I cannot identify no 15 - Do not see any star in position of one marked on MC 3980

Mc Series 744

Cand.

Sc V

March 9, 1917

att. corr + .13

Mc 1219a V Orionis 2 10 + 12.5 Ref Seq

	B		C	Cu	magn	PC	Cu	magn
1						7.3	1.00	8.30
2						7.9	0.87	8.77
3	3.1 3.0			6.08	9.18	8.4	0.77	9.17
4	3.8 3.7	3.85°'	3.9	6.01	9.86	9.0	0.65	9.65
4a	4.2 4.1	4.25°'	4.3	5.97	10.22	9.5	0.54	10.04
5	4.4 4.3	4.40°°	4.4	5.93	10.33	9.8 ?	0.50	10.30?
6			5.0	5.82	10.82	9.8	0.50	10.30
6a			4.9	5.84	10.74	9.8	0.50	10.30
7			5.2	5.77	10.97			
8			5.7	5.67	11.37			
9			5.8	5.65	11.45			
10			6.0	5.60	11.60			
11			6.5	5.50	12.00			
12			6.8	5.43	12.23			
13			7.1	5.38	12.48			
14			7.40!! 7.3 7.5	5.33	12.73			
15			7.60!! 7.5 7.7	5.30	12.90			
16			8.0	5.27	13.27			
17			8.60!! 8.5 8.7	5.21	13.81			
18			9.40!! 9.3 9.5	5.14	14.54			
19			9.8	5.13	14.93			
v			4.9	5.84	10.74	9.8	0.50	10.30

Mc Series 744 Copied B 7:122

Sct March 9, 1917 Card

Abs. corr. – 20

Mc 12191 119K 3 10 — 15

	B		C	Cm	magn	PC	Cm	magn
1						7.9	0.87	8,77
2						8,3	0.80	9,10
3	3.9 3.8	3.90°°	3.9	6.00	9.90	8.8	0.70	9,50
4	3.8 3.7	3.85°'	3.9	6.02	9.87	8.8	0.70	9,50
5	4.2 4.1	4.25°°	4.3	5.97	10,22	9.5	0.54	10.04
6			4.9	5.84	10,74	9.9	0.47	10,37
7			5.0	5.82	10,82			
8			5.8	5.65	11,45			
9			6.1	5.57	11,67			
10			6.7 6.5 6.60''	5.48	12,08			
11			7.1	5.38	12,48			
12			7.5	5.32	12,82			
13			8.0	5.27	13.27			
14			8.3	5.24	13,54			
15			8.7	5.20	13,90			
16			9.0	5.18	14,18			
17			9.5 9.7 9.60:°	5.14	14.74			

Images poor

Mc Series 744

Set

March 9, 1917

Mc 12192 Ode.

	B		C	PC
5				5.2
6				6.0
8				7.3
9				8.0
10	3.0 2.9			8.4
11	3.4 3.3			8.8
12	3.9 3.8	3.90^{00}	3.9	9.3 per.
13			4.3	9.8
14			4.8	
15			5.35^{01} 5.4 5.3	
16			5.85^{01} 5.8 5.9	
17			6.20^{11} 6.3 6.1	
18			6.95^{01} 7.0 6.9	
19			7.1	
20			7.40^{11} 7.3 7.5	
23			8.05^{01} 8.0 8.1	
25			8.5	
26			9.0	
27			9.5	
28			9.9?	

See page 97

11 05

MC Series 744

Sheet no 375

ScV

March 13, 1917

10 35 MC 12192 Pole

	B		C		PC	
5					5.3	1.19
6					5.9	1.21
8					7.3	0.93
9					7.9	0.93
10	2.9 2.8			6.12	8.1	0.92
11	3.4 3.3			6.15	8.9	0.65
12	3.9 3.8	3.90^{00}	3.9	5.96	Scr.	
13			4.4	5.90	9.8	0.50
14			4.9	5.75		
15			5.3	5.78		
16			5.9	5.50		
17			6.1	5.53		
18			6.8	5.26		
19			7.0	5.42		
20			7.5	5.23		
23			8.0	5.34		
25			8.5	5.37		
26			9.0	5.33		
27			9.7	4.99		

Mc Series 744

Copied B9a:156

Card.

DeV

March 13, 1917

Qct. corr +.17

Mc 12193 SW base - 2 40 + 65.0

		B		C	Cu	magn	PC	Cu	magn	
	a						5.9	1.17	7.07	
	b						6.8 ?	1.07	7.87	close to br. object -
dbl ?	c									
	d						7.9	0.90	8.80	
	e	3.6 3.5			6.07	9.67	8.9	0.66	9.56	
	f	3.7 3.6	3.80''	3.9	6.04	9.84	9.1	0.61	9.71	
	g			4.7	5.86	10.56	9.9	0.47	10.37	
	h			5.0	5.78	10.78				
	k			5.9	5.60	11.50				
	l ~~k'~~			6.8	5.46	12.26				
	k' ~~l~~			6.5	5.51	12.01				
	m			7.0	5.42	12.42				
	m'			7.1	5.40	12.50				
	m2			7.5	5.35	12.85				
	n			7.95'' 7.9 8.0	5.27	13.22				
	o			8.40'' 8.3 8.5	5.22	13.62				
	p									
	v			~~7.0~~			7.0	1.04	8.04	
	q			8.7	5.19	13.89				
	r			9.0	5.16	14.16				
	s			9.5	5.11	14.61				
	t			9.8	5.09	14.89				

MC Series 744

Sc V

March 13, 1917

Card.

abs. corr + .08

MC 12194 Dm Ref 3 20 + 5.0

	B		C	Cn	magn	PC	Cn	magn
1						6.2	1.13	7.33
2						7.3	1.00	8.30
3	3.3 3.2			6.12	9.42	8.2	0.83	9.03
4	4.1 4.0	4.05^{10}	4.0	5.98	10.03	9.3	0.57	9.87
5	4.1 4.0	4.15^{20}	4.2	5.96	10.11	F		
6			5.3	5.72	11.02			
7			5.7	5.64	11.34			
8			6.1	5.57	11.67			
9			6.1	5.57	11.67			
10			6.2	5.55	11.75			
11			6.3	5.54	11.84			
12			6.9	5.44	12.34			
13			7.3	5.37	12.67			
14			7.5	5.34	12.84			
15			7.8	5.29	13.09			
16			7.9	5.27	13.17			
17			8.0	5.27	13.27			
18			8.9	8.80^{44} 8.7 5.18	13.98			
19			9.0	5.15	14.15			
20			9.5	9.60^{21} 9.7 5.10	14.70			

MC Series 744

DeY

March 13, 1917

act. cor +.16

MC 12195 Dm Ref- 3 21 + 20

	B		C		Cu	Magn	PC	Cu	magn
1							6.3	1.13	7.43
2							7.8	0.93	8.73
3	3.4 3.3				6.11	9.51	8.5	0.77	9.27
4	3.6 3.5				6.07	9.67	8.9	0.66	9.56
5	3.9 3.8	3.90	3.9		6.03	9.93	9.5	0.54	10.04
6			4.7		5.86	10.56	9.9?	0.47	10.37?
7			5.1		5.77	10.87			
8			5.7		5.64	11.34			
9			6.1		5.57	11.67			
10			6.3		5.54	11.84			
11			6.2	6.35 - 3' 6.5	5.53	11.88			
12			6.9		5.44	12.34			
13			7.1		5.40	12.50			
14			7.5		5.34	12.84			
15			7.7		5.30	13.60			
16			8.3	8.40 8.5	5.22	13.62			
17			8.8		5.18	13.98			
18			8.9		5.17	14.07			
19			9.1		5.14	14.24			
20			9.7		5.10	14.80			

MC Series 744 Copied B7:123

ScV March 13, 1917 Card.

MC 12196 120K 4 12-15 alt. corr -.21

	B3.0	C	Cm	magn	PC	Cm	magn
1	2.9		6.17	9.07	8,1	0.86	8.96
2	$3.4^{3.5}$		6.10	9.60	8,8	0.70	9.56
3		4.2	5.95	10,15	9.5	0.54	10.04
4		5,1	5.77	10,87			
5		5.7	5.64	11,34			
6		5.9	5.60	11,50			
7		6.3	5.54	11.84			
8		7.3	5.37	12.67			
9		8,0	5.27^{6}	13.26			
10		8.0	5.26	13.26			
11		8,5	$8.7^{8.60 \pm 1}$ 5.20	13.80			
12		9.1	5.13	14.23			
13		9.3	5.12	14.42			
14		9.5	5.11	14.61			
15		ns					
16		ns					

11 35

MC Series 594

Sheet no 375

D A

March 26, 1917

10 55 MC 9902 Pole

	B		C	9909 p108			PC				
5							4.3	4.2 4.25^{10}	4.10	$4.18^{.70\underline{8}}$	2.31
6							4.9		4.8	4.85^{10}	2,26
8							6.1	5.9 6.00^{11}	6.0	$6.00^{00\,00}$	2.23
9							6.8		6.8	6.80^{00}	2.03
10	2.3 2.4			2.4	2.40^{00}	6.62	7.1		7.0	7.05^{10}	1.97
11	2.9 3.0			3.0	3.00^{00}	6.55	7.8		7.9	7.86^{01}	1.70
12	3.3 3.4			3.4	3.40^{00}	6.40	8.1		8.3	8.20^{11}	1.66
13	3.5 3.6	3.68^{200}	3.6	37 3.65 3.65^{01}	$3.64^{02\,01}$	6.66	8.7		8.9	8.80^{11}	1.50
14	3.8 3.9	3.95^{10}	4.0	4.05	$4.00^{05\,05}$	~~5~~ 6.65	9.1		9.5	9.30^{32}	1.35
15			4.3	45 4.4 4.40^{11}	4.40^{00}	6.68	9.7	9.8 9.75^{10}		9.75^{2}	1.33
16			5.0	4.9	4.95^{01}	6.45					
17			5.3	5.2	5.25^{10}	6.38					
18			6.0	6.0	6.00^{00}	6.04					
19			6.3	6.3	6.30^{00}	6.12					
20			6.7	6.7	6.70^{00}	6.03					
23			7.5	7.7	7.60^{11}	5.74 ~~6.70~~					
25			8.5	8.7	8.60^{11}	5.27					
26			9.0	9.1	9.05^{01}	5.28					
27			9.7	9.5	9.60^{11}	5.69					
28			f	9.9	9.9^{9}	5.21					

Images poor - not circular - hazy

MC Series 594

DeV March 26, 1917 Card

MC 9903 SW Cass. 23 14 + 57.5 Alt corr + 2.0

Ref Seq

	B	C	Ln	magn	PC	Ln	magn
1					7.1 7.05 7.0^{10}	1.98	9,83
2	3.0 2.9		6.63	9,63	7.7	1.83	9,53
3	3.3 3.2		6.65	9,95	8.30°° 8.3 8.5	1.66	9,96
4	3.4 3.3		6.65	10,05	8.3	1.66	9,96
5	3.4 3.3		6.65	10,05	8.5	1.60	10,10
6	4.3 4.2 4.30°°	4.3	6.60	10,90	9.8	1.30	11,10
7		4.9	6.50	11,40			
8		5.3	6.42	11,72			
9		5.7	5.60'' 5.5 6.34	11.94			
10		6.1	6.20	12,30			
11		6.1	6.20	12,30			
12		6.5	6.07	12,57			
13		6.8	6.00	12,80			
14		7.3	5.84	13,14			
15		7.5	5.77	13,27			
16		7.8	5.67	13,47			
17		8.2	5.53	13,73			
18		8.7	5.36	14,06			
19		9.0	5.28	14.28			
20		9.7	5.13	14,83			

Images poor – hazy.

Over

Mc Series 594 Copied B9a:58

Card.

DeV

March 26, 1917

Alt. corr. + 2.0

Mc 9903 cont.

Var Seq

	B		C	Cn	Magn	PC 6.9000		Cn	magn
a						6.9	6.9	2.00	8.90
b						7.3		1.92	9.22
c	4.2 4.1	4.20°°	4.2	6.61	10.81	9.7?	:	1.33	11.03
d	3.3 3.2			6.65	9.95	8.1		1.73	9.83
e			4.5	6.58	11.08	9.8		1.30	11.10
f			6.0	5.90 11 5.8 6.26	12.16				
g			6.1	6.20	12.30				
h			6.5	6.07	12.57				
k			7.5	5.77	13.27				
l			7.7	5.70	13.40				
m			8.0	5.60	13.60				
n			9.2	9.10 11 9.0 5.26	14.36				
o			9.0	5.29	14.29				
p			9.5	5.15	14.65				
q			9.8	5.11	14.91				

Images poor

Mc Series 594

Copied B9a:63

S.V

March 26, 1917

Card.

Mc 9904 Ef Piscium 23 30+7.5

Ab. corr + 10

	B		C	Cr	Magn	P C6.95±0	Cr	Magn
a						6.9 7.0	2.00	8.95
b						7.5	1.86	9.36
c	3.0 2.9			6.64	9.64	8.0	1.75	9.75
d	3.2 3.1			6.65	9.85	8.2	1.69	9.89
e	3.3 3.2			6.65	9.95	8.3	1.66	9.46
f	3.9 3.8	3.90°°	3.9	6.65	10.55	9.0	1.48	10.48
g	4.0 3.9	4.00°°	4.0	6.64	10.64	9.1	1.45	10.55
h			4.3	6.60	10.90	9.40±' 9.5 9.3	1.39	10.79
k			4.9	6.50	11.40	9.8	1.30	11.10
l			5.2	6.44	11.64			
m			5.2	6.44	11.64			
n			6.0	6.23	12.23			
o			6.9	5.96	12.86			
p			7.2	5.87	13.07			
q			7.5	5.77	13.27			
r			7.60±' 7.5 7.7	5.73	13.33			
s			8.20±' 8.1 8.3	5.53	13.73			
t			8.7	5.37	14.07			
u			9.0	5.28	14.28			
w			9.3	5.20	14.50			
x			9.8	5.12	14.92			
y								

MC Series 594 : Card.

DcN

March 26, 1917

Alt. corr +.12

MC 9905 SY Pegasi 23 30 +12.5

	B		C	Cu	Magn	PC	Cu	Magn
a						7.5	1.87	9.37
b	3.3 3.2			6.65	9.95	8.00±1 7.9 8.1	1.75	9.75
c	3.5 3.4			6.65	10.15	8.5	1.60	10.10
d	3.8 3.7	3.85 01	3.9	6.65	10.50	9.0	1.48	10.48
e	4.2 4.1	4.20 00	4.2	6.62	10.82	9.2	1.43	10.63
f			5.0	6.49	11.49	9.9	1.30	11.20
g			5.3	6.42	11. ~~9~~.72			
h			5.5	6.37	11.87			
k			5.9	6.26	12.16			
l			6.8	6.00	12.80			
m			7.0	5.94 ~~6.4~~	12.94			
n			7.0	5.94	12.94			
o			7.5	5.77	13.27			
p			7.5	5.77	13.27			
q			8.0	5.60	13.60			
r			8.1	5.56	13.66			
s			8.3	5.50	13.80			
t			9.1	5.26	14.36			
u			9.3	5.20	14.50			
w			9.8	5.11	14.91			

MC Series 594 Copied B9a:70

Card.

DeV March 26, 1917

MC 9906 J W Lindrom. 23 50 + 32.5 alt. corr + 20

	B	c	Cn	Magn	PC	Cn	Magn
a					7.0	1.99	8.99
b					7.1	1.96	9.06
c					7.5	1.86	9.36
d	3.4 3.3		6.65	10.05	7.9	1.77	9.67
e	3.4 3.3		6.65	10.05	7.9	1.77	9.67
f	3.70±1 3.8 3.6 3.80 ±1	3.9	6.65	10.45	8.7	1.56	10.26
g	4.3 4.2 4.30 °°	4.3	6.60	10.90	9.7	1.32	11.02
h		5.0	6.48	11.48			
k		5.60±1 5.5 5.7	6.33	11.93			
l		6.0	6.23	12.23			
m		7.1	5.90	13.00			
n		7.5	5.77	13.27			
o		8.0	5.60	13.60			
p		8.1	5.56	13.66			
q		8.60±1 8.5 8.7	5.40	14.00			
r		9.40±1 9.3 9.5	5.17	14.57			
m²		7.1	5.90	13.00			

Plates 9907 + 9908 "not to be meas with series" (See note on covers)

MC Series 594

Dc V

March 26, 1917

MC 9909 Cole –

	B		C	$PC_{4.10}^{00}$
5				4.1 4.1
6				4.8
8				6.0
9				6.8
10	2.4 2.3			7.0
11	3,0 2.9			7.9
12	3,4 3.3			8.3
13	3,6 3.5	$3,65^{01}$	37	8.9
14	4.1 4.0	4.05^{10}	40	9.5 poor
15			44	
16			4.9	
17			5.2	
18			6.0	
19			6.3	
20			6.7	
23			7.7	
25			8.7	
26			9.1	
27			9.5	
28			9.9:	

See page 102

Faint images hazy –

12 40

Mc Series 597

Sc R

March 27, 1917

11 30 Mc 9938 S W bass 23 15 + 57.5

abs. corr +.21

Ref Seq	Sc 5.3		Sc 2	Cn	magn	pc		Cn	magn
1	5.0			.	wr. u	~~9.0~~ 10.1	10.20 ±1 10.3	-1.30	8.90
2	6.2 5.9		5.7	3.46	9.66	11.7	11.80 ±1 11.9	-1.92	9.88
3	6.6 6.3		6.1	3.36	9.96	12.1		-2.08	10.02
4	6.6 6.3		6.1	3.36	9.96	12.2		-2.12	10.08
5	7.2 6.9			3.22	10.42	12.5		-2.25	10.25
6	7.6 7.3	7.65 01	7.7	3.11	10.76	13.5	13.60 ±1 13.7 ?	-2.68	10.92
7	8.4 8.1	8.35 01	8.3	2.94	11.29				
8	8.7 8.4	8.70 00	8.7	2.86	11.56				
9			9.3	2.68	11.98				
10			9.8	2.54	12.34				
11			10.0	9.95 01 9.9 2.50	12.45				
12			10.3	2.38	12.68				
13			10.5	2.33	12.83				
14			10.7	10.80 ±1 10.9 2.22	13.02				
15			11.1	11.20 ±1 11.3 2.10	13.30				
16			11.7	1.95	13.65				
17			12.1	1.78	13.88				
18			12.5	1.64	14.14				
19			12.8	1.52	14.32				
20			13.7	13.60 ±2 13.5 1.22	14.82				

Over

Mc Series 597

Copied B9a 308

Card

Sc R

March 27, 1917

Abs. corr +.21

Mc 9938 cont.

	Sc		Sc2	Cu	magn	PC	Cu	magn
a	5.4 5.2 5.1 4.9	5.30^{11}		.	.	10.2	−1.30	8.90
b	5.6 5.3			3.60	9.20	10.8	−1.48	9.32
c	7.5 7.2			3.16	10.66	tp		
d	6.5 6.2			3.40	9.90	11.7	−1.86	9.84
e	8.0 7.7	8.05^{01}	8.1	3.01	11.06	13.7	−2.70	11.00
f	9.5 9.2	9.50^{00}	9.5	2.65	12.15			
g			9.9	2.50	12.40			
h			10.1	2.45	12.55			
k			10.95^{01} 11.0 10.9	2.15	13.10			
l			11.5	2.00	13.50			
~~m~~ n			12.8	1.52	14.32			
m			11.9	1.87	13.77			
o			12.85^{10} 12.9 12.8	1.50	14.35			
p			13.15^{21} 13.0 13.3	1.36	14.41			
q			13.7	1.18	14.88			

Mc Series 597

SeR

Card

March 27, 1917

alt. corr +.16

Mc 9939 TY Pegasi 23 30 +12.5

	S 6,12 6,10 6.0 11		Sa 2	Cn	magn	PC	Cn	magn
a	59 57			3.48	9.58	10.9	-1.50	9.40
b	6.2 59			3.46	9,66	11.5	-1.75	9,75
c	6.5 6.2			3.40	9,90	12.~~1~~ 12,05 10 12.0	-2.04	10.01
d	7.3 7.0			3.20	10,50	12.7 12.60 11 12.5	-2.30	10.30
e	8.0 7.7	7.92 05 07 04 ~~7.95~~	7.85 10 7.9 78	3.04	10,96	13.2	-2,55	10.65
f	8.3 8.0	8.25 10	8.2	2.98	11,23	13.7	-2.70	11.00
g			9.0	2.77	11.77			
h			9.1	2.76	11,86			
k			9.60 21 9.5 9.7	2.59	12,19			
l			9.9	2.50	12,40			
m			10.1	2.45	12,55			
n			10.3	2.40	12,70			
o			11.0	2.16	13,16			
p			11.2	2.10	13,30			
q			11.7	1.96	13,66			
r			12.0	1.83	13,83			
s			12.3	1.72	14.02			
t			12.60 21 12.5 12.7	1.60	14.20			
u			13.1	1.40	14,50			
v			13.60 21 13.5 13.7	1.21	14.81			

Mc Series 597

Copied B9a:63

Card.

ScR

March 27, 1917

alt. corr +.12

Mc 9940 U Piscium 23 30 +7.5

	Sc 374		Sc 2	Ca	Magn	PC	Cn	Magn
a	5.1			3.64	9.64	10.3	-1.33	8.97
b	6.4 6.1			3.42	9.82	11.2	-1.62	9.58
c	7.2 6.9			3.22	10.42	12.1	-2.08	10.02
d	7.2 6.9			3.22	10.42	12.2	-2.12	10.08
e	7.4 7.1			3.17	10.57	12.5	-2.27	10.23
f	7.6 7.3			3.12	10.72	12.7	-2.37	10.33
g	7.9 7.6	7.90°°	7.9	3.06	10.96	12.9	-2.45	10.45
h	8.0 7.7	8.00°°	8.0	3.03	11.03	13.1	-2.52	10.58
k			8.7	2.86	11.56	13.7	-2.70	11.00
l			9.0	2.78	11.78	13.9	-2.76	11.14
m			9.3	2.68	11.98			
n			10.0	2.48	12.48			
o		10.40±1 10.5	10.3	2.36	12.76			
p			10.8	2.22	13.02			
q			11.0	2.16	13.16			
r			11.2	2.10	13.30			
s		11.95°± 11.9	12.0	1.85	13.80			
t			12.3	1.72	14.02			
u			12.5	1.64	14.14			
w			12.9	1.48	14.38			
x			13.4	1.28	14.68			
y			13.7	1.18	14.88			

Mc Series 597 Sheet no 374

DeR March 27, 1917

Mc 9941 Pole.

	Sc1	Sc2		Sc1 P.S.	Sc2
5				7.5 7,2	-1.01
6				8.2 7.9 8.15	01 81 — 1.04
8				9,4 9.1 9.35	01 9.3 -1.12
9					10,1-1.27
10	5,4 5,1		3.62		10,4-1.38
11	6.0 5,7		3.55		11.1-1.55
12	6.5 6,2 7.30 21		3.36		11.8 -1.94
13	7.2 7.4 6,9 7.1		3.00		12,7 -2.40
14	7.6 7,3		3.05		13,1-2.55
15	8.0 7,7 8.00 00	8,0	3.08		13,8-2.72
16		8.50 22 8,3 8,7	2.90		
17		8,7	2.93		
18		9,5	2.56		
19		10,0	2.42		
20		10,5	2.23		
23		11.1	2.24		
25		12,1	1.77		
26		12,9	1.43		
27		13,5	1.19		
28		14.0	?1.11		

12 50

MC Series 597

Shet no 376

De R

March 28, 1917

10 35 MC 9941 Pole

5	~~31~~		~~32~~	9947 p121			7.4 7.1		7.4	7.40^{00}	−0.91
6							8.4 8.1	8.30^{12} 8.2	8.15	8.22$^{05\ 07}$	−1.11
8							9.4 9.1	9.40^{00} 9.4	9.35	9.38$^{02\ 03}$	−1.15
9								10.1	10.1	10.10^{00}	−1.27
10	5.4 5.1			5.3	5.35^{01}	3.67		10.5	10.5	10.50^{00}	−1.48
11	6.2 5.9			6.1	6.15^{01}	3.40		11.2	11.2	11.20^{00}	−1.65
12	6.5 6.2			6.5	6.50^{00}	3.36		11.9	12.0	11.95^{10}	−2.09
13	7.4 7.1			7.3	7.35^{01}	2.95		12.8	12.7	12.75^{01}	−2.45
14	7.8 7.5			7.6	7.70^{12}	2.95		13.2	13.1	13.15^{01}	−2.50
15	8.2 7.9			8.0	8.10^{11}	2.98		13.7	13.5	13.60^{11}	−2.52
16	8.6 8.3	8.55^{01}	8.5	8.45	8.50$^{05\ 05}$	2.90					
17			8.9	8.65	8.78$^{12\ 13}$	2.85					
18			9.7	9.5	9.60^{11}	2.46					
19			10.1	9.9	~~9.~~10.00^{11}	2.42					
20			10.40^{11} 10.5	10.3 10.5	10.45$^{05\ 05}$	2.28					
23			11.1	10.9	11.00^{11}	2.34					
25			12.1	12.0	12.05^{10}	1.82					
26			13.0	12.75	12.88$^{12\ 13}$	1.45					
27			13.5	13.3	13.40^{11}	1.29					
28			13.9	13.8	13.85^{10}	1.26					
29			7								

Mc Series 597

Card.

De R

March 28, 1917

Mc 9942 SW Androm. 23 50 + 32.5

Qlt corr + .22

					82 Cm	magn	sec. pc	Cm	magn
Ref. Seq	1	4.3 4.0					~~8.8~~ 10.0	-1.31	8.69
	2	5.7 5.4			3.56	9.26	11.1	-1.66	9.44
	3	5.6 5.3			3.60	9.20	11.1	-1.66	9.44
	4	6.4 6.1			3.36	9.76	12.0	- 2.03	9.97
	5	6.7 6.4			3.28	9.98	12.5	-2.26	10.24
	6	7.0 6.7			3.21	10.21	12,60 57 12.5 12.7	-2.30	10.30
	7	7.7 7.4			3.02	10.72	13.7	-2.60	11.10
	8	8.4 8.1	8.45 01	8.5	2.84	11.29			
	9	8.5 8.2	8.50 00	8.5	2.82	11.32			
	10			8.7	2.76	11.46			
	11			9.2	2.64	11.84			
	12			9.5	2.55	12.05			
	13			10.1	2.40	12.50			
	14			10.2	2.35	12.55			
	15			10.9	2.16	13.06			
	16			11.1	2.10	13.20			
	17			11.7	1.93	13.63			
	18			12.1	1.77	13.87			
	19			12.3 12.5	2,40 1.67	14.07			
	20			13.1	1.41	14.51			
	21				Scr.				

MC Series 597

Copied B94:6

Card.

De R

March 28, 1917

alt. corr +.21

Mc 9943 SW Androm. 0 20 +30.0

			Sc2	Cn	magn	pc	Cn	magn
a	4.5 4.2			·	·	10.1	-1.34	8.76
b	6.8 6.5			3.26	10.06	12.5	-2.26	10.24
c	5.4 5.1			3.66	9.06	10.8	-1.56	9.24
d	6.75±0. 6.7 6.8 6.4 6.5			3.27	10.02	12.5	-2.26	10.24
e	8.2 7.9	8.15 .01	8.1	2.91	11.06	12.8	-2.37	10.43
f			8.8	2.74	11.54			
g			9.1	2.67	11.77			
h			9.1	2.67	11.77			
k			10.1	2.38	12.48			
l			10.2	2.36	12.56			
m			11.0	2.13	13.13			
n			11.1	2.10	13.20			
o			11.9	1.86	13.76			
p			12.15±0 12.1 12.2	1.76	13.81			
q			12.5	1.63	14.13			
r			12.7	1.55	14.25			
s			13.0	1.41	14.41			
t			13.2	1.38	14.58			
u			13.7	1.23	14.93			
SW	5.4 5.1			3.66	9.06	10.9	-1.60	9.30
d'	7.7 7.4			3.03	10.73	13.00±1' 12.9 13.1	-2.44	10.56
c'	6.3 6.0			3.40	9.70	12.0	-2.03	9.97

Mc Series 597

Card.

ScR

March 28, 1917

Mc 9944 SU Cass. 0 29 + 50

Alt. corr + .22

		Sc1		Sc2	Cn	magn	PC		Cn	magn
Ref–	1	4.6 4.3			.	.	10.1	10.00'' 9.9	−1.31	8,69
	2	5.5 5.2.			3.65	9,15	10.7		−1.53	9.17
	3	6.3 6.0			3.40	9,70	11.3		−1.76	9,54
	4	6.7 6.4			3.28	9,98	12.1	12.20'' 12.3	−2.13	10,07
	5	7.2 6.9			3.16	10,36	12.5	12.60'' 12.7	− 2.30	10.30
	6	7.6 7.3			3.05	10,65	13.2		− 2.50	10.70
	7	8.3 8.0	8.30°°	8.3	2.87	11,17				
	8	8.5 8.2	8.50°°	8.5	2.83	11,33				
	9			9.00'' 8.9 9.1	2,69	11,69				
	10			9.2	2,63	11,83				
	11			9.5	2,56	12,06				
	12			10.00'' 10.1 9.9	2,42	12,42				
	13			10.1	2.39	12,49				
	14			10.5	2.27	12,77				
	15			10.9	2.17	3 12,07				
	16			11.40'' 11.5 11.3	2.02	13,42				
	17			11.50°° 11.5 11.5	1.98	13,48				
	18			12.1	1.78	13,88				
	19			12.40'' 12.3 12.5	1.67	4 13,07				
	20			13.9	1.18	15,08				

Over

MC Series 597

Copied B9:9

Sc R

Card

March 28, 1917

Alt. corr +.22

MC 9944 (cont) T U Cass

Var Seq

	Sc	Sc 2	Cu	Magn	PC	Cu	magn
a	3.15 3.2 3.70 ±1		.	.	9.0	-1.13	7.87
b	3.8 3.6 3.5 3.3		.	ws	9.1 ~~9.5~~	-1.14	7.96
c	4.2 3.9		.	.	9.2	-1.15	8.05
d	4.3 4.0		.	.	9.3	-1.16	8.14
e	4.3 4.0		.	.	9.60 ±1 9.5 9.7	-1.22	8.38
f	5.3 5.0		3.70	9.00	10.2	-1.37	8.83
g	5.6 5.3		3.60	9.20	10.8	-1.56	9.24
h	6.1 5.8		3.46	9.56	10.05 ±0 11.1 11.0	-1.32	8.73
k	6.90 ±1 7.0 6.8 6.7 6.5		3.24	10.14	11.75 ±0 11.7 11.8	-1.93	9.82
l	7.4 7.1		3.10	10.50	12.80 ±2 12.9 12.7	-2.37	10.43
m	8.2 7.9 8.15 01	8.1	2.90	11.05			
n		8.9	8.80 ±1 8.7 2.75	11.55			

Mc Series 597 Card.

DcR March 28, 1917

alt. corr + 2.0

Mc 9945 DM-Ref 1 00 + 62 5′

	SH0		Sez	Cn	magn	pc		Cn	magn
1	3.7 4.4			.	.	9.2		-1.15	8.05
2	4.1 ~~5.0~~ w.s			.	.	10.1	10.20 ±1 10.3	-1.37	8 9.83
3	5.4 5.1			3.66	9.06	11.4	11.30 ±1 11.2	-1.74	9.56
4	6.2 5.9			3.42	9.62	12.0		-2.03	7 9.98
5	6.4 6.2			3.37	9.77	12.3		-2.17	10.13
6	7.4 7.1			3.10	10.50	13.1		-2.48	10.62
7	8.4 8.1	8.35 01	8.3	2.85	11.20				
8	8.5 8.2	8.60 ±1	8.7	2.80	11.40				
9			9.1	2.66	11.76				
10			9.5	9.60 ±1 9.7 2.53	12.13				
11			9.9	2.46	12.36				
12			10.1	2.38	12.48				
13			10.7	10.60 01 10.5 2.24	12.84				
14			11.0	2.13	13.13				
15			11.3	2.05	13.35				
16			12.0	11.95 01 11.9 1.83	13.78				
17			12.0	1.82	13.82				
18			12.7	1.54	14.24				
19			13.0	1.45	14.45				
20			13.8	1.20	15.00				

Mc Series 597

Card

S&R

March 28, 1917

Ret. corr +.05

Mc 9946 DM Ref - 1 0 + 82.5

	Sc 1	Sc 2	Cm	Magn	PC	Cm	Magn
1	~~3.9~~ B 5.25 01				9.4	-1.18	8.22
2	5.2 5.3 4.9 5.0		3.71	8.96	10.1	-1.33	8.77
2a	5.2 4.9		3.72	8.92	10 9.3	-1.39	8.91
2b	7.6 7.3		3.05	10.65	13.3	-2.52	10.78
3	5.5 5.2		3.65	9.15	11.0	-1.64	9.36
4	6.2 5.9		3.43	9.63	11.7	-1.90	9.80
5	7.25 10 7.3 7.2 7.0 6.9		3.15	10.40	12.5	-2.26	10.24
6	7.5 7.2		3.07	10.57	13.0	-2.44	10.56
7	8.4 8.1 8.35 01	8.3	2.86	11.21			
8	9.1 8.8 9.10 ..	9.1	2.67	11.77			
9	9.1 8.8 9.10 00	9.1	2.67	11.77			
10		9.9	2.45	12.35			
11		10.1	2.39	12.49			
12		9.9	2.45	12.35			
13		10.10 00 10.1 10.1	2.39	12.49			
14		10.3	2.33	12.63			
15		10.9	2.16	13.06			
16		11.60 12 11.7 11.5	1.96	13.56			
17		11.9	1.85	13.75			
18		12.1	1.78	13.88			
19		12.7	1.55	14.25			
20		13.20 21 13.1 13.3	1.38	14.58			

Mc Series 597

ScR March 28, 1917

Mc 9947 Pole

	Se 1		Se 2	PC		
5				7.4 7.1		
6				8.2 7.9	8.15^{01}	8.1
8				9.4 9.1	9.35^{01}	9.3
9						10.1
10	5.3 5.0					10.5
11	6.1 5.8					11.2
12	6.5 6.2					12.0
13	7.3 7.0					12.7
14	7.6 7.3					13.1
15	8.0 7.7					13.5
16	8.5 8.2	8.45^{10}	8.4			
17	8.6 8.3	8.65^{01}	8.7			
18			9.5			
19			9.9			
20			10.5			
23			10.9			
25			12.0			
26			12.75^{01} 12.8 12.7			
27			13.3			
28			13.8			
29			7			

1 10 See page 114

MD Series 108 Shut no 377

ScR

April 3, 1917

11; 30 MD 3663 Pole S

	Sc 1		Sc 2	3668 p127			PC					
5	$\overset{5.6}{5.3}$			6.0	$\overset{22}{5.80}$	0.69	10.8	10.90^{11}	11.0	11.1	$\overset{1010}{11.00}$	−4.51
6	$\overset{7.4}{7.1}$	7.30^{11} $\overset{72}{6.9}$		7.6	$\overset{1515}{7.45}$	−0.34	11.7			11.8	$\overset{10}{11.75}$	−4.64
8	$\overset{9.4}{9.1}$	9.35^{01}	9.3	9.60	$\overset{1312}{9.48}$	−1.25	13.0			13.3	$\overset{21}{13.15}$	−4.92
9			10.1	10.3	$\overset{11}{10.20}$	−1.37	13.7				13.7^{2}	−4.87
10			10.5	10.3	$\overset{11}{10.40}$	−1.38	13.9				13.9^{2}	−4.88
11			11.1	11.3	$\overset{11}{11.20}$	−1.65	F					
12			11.5	11.7	$\overset{11}{11.60}$	−1.74						
13			12.0	12.20	$\overset{1010}{12.10}$	−1.80						
14			12.3	12.7	$\overset{22}{12.50}$	−1.85						
15			12.7	12.9	$\overset{11}{12.80}$	−1.72						
16			13.0	13.3	$\overset{21}{13.15}$	−1.75						
17			13.3	13.5	$\overset{11}{13.40}$	−1.77						
18			13.8	14.0	$\overset{11}{13.90}$	−1.84						
19			F									
20												

Images not circular.

MB Series 108

ScR

April 3, 1917

alt. corr +.21

MB 3664 S^t 263 U 23 15 +25.7 W Pegasi.

	Sc 1 8.1		Sc 2		Cu	magn	PC			
a	7.8	8.10°°	8.1		-0.66	7.44	12.8	11.95-01 11.9	-4.68	6.27
b			9.2		-1.11	8.09	12.8	12.70-01 12.7	-4.80	7.95
c			8.9	9.00'' 9.1	-1.03	7.97	12.5	12.60'' 12.7	-4.78	7.82
d			9.8		-1.31	8.49	13.3	13.40'' 13.5	-4.87	8.53
e			10.1	10.00'' 9.9	-1.37	8.63	13.3		-4.86	8.44
f			11.6		-1.72	9.88				
g			11.5		-1.70	9.80				
h			12.1		-1.75	10.35				
k			12.7		-1.78	10.92				
l			12.7	12.60'' 12.5	-1.78	10.82				
m			w.s. ~~13.2~~	12.5	-1.78	10.72				
n			12.7		-1.78	10.92				
* o			13.0		-1.78	11.22				
p			13.1		-1.78	11.32				
q			13.7		-1.78	11.92				
r			13.9		-1.78	12.12				

Interrupted 15 minutes

*note on back of print - says "o is omitted from seq."

MB Series 108 Copied B9a:61

DeR April 3, 1917

MB 3665 Sz* 264 r 23 16 + 8.4

alt. corr +.13

	Sec z	Cu	magn	Sec z	Cu	magn
a	8.3	-0.74	7.56	12.3	-4.74	7.56
b	8.1	-0.66	7.44	11.9	-4.67	7.23
c	10.00'' 10.1 9.9	-1.38	8.62	13.40'' 13.5 13.3	-4.88	8.52
d	9.10±' 9.0 9.2	-1.06	8.04	13.0	-4.83	8.17
e	10.1	-1.40	8.70			
f	9.9	-1.34	8.56	13.2	-4.85	8.35
g	11.1	-1.62	9.48			
h	10.3	-1.45	8.85	13.7	-4.89	8.81
k	11.5	-1.70	9.80			
l	11.1	-1.62	9.48			
m	12.00'± 12.1 11.9	-1.75	10.25			
n	11.9	-1.74	10.16			
o	12.1	-1.75	10.35			
p	12.9	-1.78	11.12			
q	12.5	-1.77	10.73			
r	13.1	-1.78	11.32			
s	13.3	-1.78	11.52			
s'	13.5	-1.78	11.72			
t	13.7	-1.78	11.92			
u	f					

Marked in red ink on MC 4034

a	9.2	-1.11	8.09	12.60±' 12.5 12.7	-4.78	7.82
b	9.4	-1.18	8.22	12.95 0! 13.0 12.9	-4.83	8.12
c	10.1	-1.40	8.70	13.9	-4.90	9.00
d	10.8	-1.57	9.23			

MD Series 108

ScR April 3, 1917

Alt. corr +.13

MD 3666 S* 260 ϑ 23 0.2 +10.0

	Sc 1	Sc 2	Cm	magn	pc	Cm	magn
a	7.3 7.0 6.45 10		-0.26	7,84	11.1	-4.53	6,57
b	6.5 6.4 6.2 6.1		0.24	6,69	10,6	–	.
c	7.3 7,0		-0.26	7.04	11.0	-4.51	6,49
d			.				
e	9.3 9.0 9.30°°	9.3	-1,15	8,15	12.7	-4.80	7,90
f		9.8	-1.31	8,49	13.0	-4.83	8,17
g		9.9	-1.34	8,56	13.0	-4.83	8,17
h		10.5	-1.50	~~8~~ 9,00			
k		10.8	-1.57	9,23			
~~l~~							
l*		11.1	-1.63	9,47			
m		11.3	-1.67	9.63			
n		11.5	-1.70	9,80			
o		12.5	-1.77	10.73			
p		12.2	-1.76	10,44			
q		12.8	-1.78	11,02			
r		13.1	-1.78	11,32			
s		13.4021 13.3 13.5	-1.78	11,62			
t		13.8	-1.78	12,02			

MD Series 108

DuR April 3, 1917

MD 3667 S^a U Pegasi 23 53 + 15.4 alt. corr + .17

		Cu	magn		Cu	magn
a	9.4	-1.19	8,21	13.0 ~~10.8~~	-4,83	8,17
a²	9.5	-1.22	8,28	13,1	-4.84	8,26
a³	10.9	-1,58	9,32			
b	10.8	-1.57	9,23			
c	11.1	-1.63	9,47			
c'	11.3	-1.66	9,64			
d	12.1	-1.76	10,34			
e	12.7	-1.77	10,93			
f	13.1	-1.78	11,32			
g	13.7	-1.78	11,92			
h	13.9	-1.78	12,12			
K	F					

1	10.25 01 10.2 10.3	-1.43	8,82	13.2	-4.85	8,35
2	10.5	-1.50	9.00			
3	10.9	-1.58	9,32			
4	11.1	-1.63	9,47			
5	12.3	-1.77	10,53			
6	12.7	-1.78	10,92			
7	12.9	-1.78	11,12			
8	13.30 1 13.2 13.4	-1.78	11,52			
9	13.7	-1.78	11,92			

M D Series 108

ScR April 3, 1917

MD 3668 L Sole

	Sc 16.0	Sc 2		PC
5	5.7			11.1
6	7.6 7.3			11.8
8	9.3 9.6 ~~9.5 9.7~~ 9.60	9.60!! 9.5	9.7	13.3
9		10.3		
10		10.3		
11		11.3		
12		11.7		
13		12.20!! 12.3	12.1	
14		12.7		
15		12.9	13.1	
16		13.3	13.5 Rej.	
17		13.5	13.8	
18		14.0 ?	7	
19				
20				

See page 122

Images not circular – poor.

1 30 –+

Scale R not quite satisfactory – others not available at this time –

Mc Series 742

Plot 4H5

Scv

May 3, 1917

11 w Mc 12128 Bole.

	B		C			PC		
5				12$\overset{1}{8}$33 p 133		5.3	5.15 5.22$^{08\ 07}$	1.27
6						5.9	5.85 5.88$^{02\ 03}$	1.23
8						7.3	7.30 7.30$^{00\ 00}$	0.93
9						8.2	8.20 8.20$^{00\ 00}$	0.63
10	$\overset{2.6}{2.5}$			2.7 2.65^{01}	$\overset{6}{5}$.37	8.5	8.60 8.55$^{05\ 05}$	0.47
11	$\overset{3.3}{3.2}$ $\overset{3.2}{3.1}$	3.25^{10}		3.1 3.18$^{07\ 08}$	6.37	9.0	$\overset{9.05^{01}}{9.1}$ 9.35 9.20$^{15\ 15}$	0.35
12	$\overset{3.6}{3.5}$			3.5 3.55^{01}	6.31	9.5	$\overset{9.60^{11}}{9.7}$ 9.8 9.70$^{10\ 10}$	0.16
13	$\overset{4.1}{4.0}$	4.10^{00}	4.1	4.05 4.08	6.22	F		
14			4.5	4.7 4.60^{11}	$\overset{6}{4}$.05			
15			4.9	5.1 5.00^{11}	6.08			
16			5.3	5.40 5.35$^{05\ 05}$	6.05			
17			5.7	5.8 5.75^{10}	5.88			
18			6.4	6.5 6.45^{01}	5.61			
19			6.8	6.9 6.85^{01}	5.57			
20			7.1	7.2 7.15^{10}	5.58			
23			7.8	8.0 7.90^{11}	5.44			
25			8.5	8.7 8.60^{11}	5.27			
26			9.0	$\overset{9.05^{01}}{9.1}$ 9.20 9.12$^{07\ 08}$	5.21			
27			9.7	9.75 9.72$^{02\ 03}$	4.97			
28			F					

Film stained

MC Series 742 Copied B10:115

Card.

SCT

May 3, 1917

MC 12129 base 10.0 + 5.4 alt corr +.11

	B		C	lu	Magn	PC		lu	Magn
1						6.9	7.00 ±1 7.1	0.99	7.99
2						7.7	7.60 ±1 7.5	0.84	8.44
3	2.5 2.4			6.36	8.86	8.3	8.30 00 8.3	0.62	8.92
4	3.4 3.3			6.31	9.71	9.8	9.65 ±1 9.5	0.22	9.87
5	4.1 4.0	4.15 ±10	4.2	6.22	10.37				
6			4.1	6.22	10.32				
7			5.1	6.03	11.13				
8			5.8	5.88	11.68				
9			6.1	5.81	11.91				
10			7.3	5.56	12.86				
11			8.0	5.42	13.42				
12			7.9	5.44	13.34				
13			8.7	5.26	13.96				
14			9.0	5.19	14.19				
15			9.3	5.12	14.42				
16			9.0	5.19	14.19				
17			10.0	4.95	14.95				
18			ns						
19			ns						
20									

Images elongated.

Copied B38:26

MC Series 742

Card

DcV

May 3, 1917

Alt corr +.20

MC 12130						10 u +25.0		
	B		C	Cn	magn	PC	Cn	magn
1						6.5	1.10	7.60
2	2.6 2.5			6.37	8.97	8.3	0.63	8.93
3	3.2 3.1			6.33	9.53	8.9	0.45	9.35
4	3.3 3.2			6.32	9.62	9.1	0.40	9.50
5	4.1 4.0	4.15^{10}	4.2	6.22	10.37	9.8	0.17	9.97
6			4.9	6.08	10.98			
7			5.5	5.95	11.45			
8			6.3	5.78	12.08			
9			6.2	5.80	12.00			
10			6.5	5.74	12.24			
11			7.1	5.60	12.70			
12			7.5	5.53	13.03			
13			7.8	5.47	13.27			
14			7.9	5.44	13.34			
15			8.2	5.37	13.57			
16			8.60±1 8.5	8.7 5.28	13.88			
17			9.1	5.17	14.27			
18			7					
19			ns					
20			ns					

Mc Series 742

Card

Sc Y

May 3, 1917

Mc 12131 — 10 — u +80 — alt corr +.10

	B	C	Cu	Magn	PC	Cu	magn
1					5.9	1,20	7,10
2					7.5 7.60'' 7.7	0,84	8,44
3	3,0 2,9		6,33	9,33	8,7 8,60'' 8,5	0,53	9,13
4	3.4 3.3		6.31	9,71	9,1	0,40	9,50
5	3.6 3.5 3.70''	3,8	6,28	9,98	9.7 9,60'' 9.5	0,23	9,83
6		4,7	6,12	10,82			
7		4.9	6.07	10,97			
8		5,2	6.01	11,21			
9		5.7	5,90	11,60			
10		6,5	5.75	12,25			
11		6,9	5.66	12,56			
12		7.1	5.60	12,70			
13		7,5	5.53	13,03			
14		7.9	5.44	13,34			
15		7,5	5.53	13,03			
16		8,3	5.36	13,66			
17		8.7	5.27	13,97			
18		9,0	5.19	14,19			
19		9.1 9.20'' 9.3	5.14	14,34			
20		9.8 9,85'' 9.9	4.99	14.84			

Mc Series 742

Card

S cV

May 3, 1917

Mc 12132 Sm Ref 11 v + 47.5

Alt corr +.23

	B		C	Cu	Magn	AC		Cu	Magn
1						5.9	5.90°° 5.9	1.20	7.10
2						8.0	7.95±01 7.9	0.73	8.68
3	2.5 2.4			6.37	8.87	8.3	8.40±1 8.5	0.59	8.99
4	3.1 3.0			6.33	9.43	8.9	8.95±0 9.0	0.44	$9.\overset{3}{4}9$
5	3.4 3.3			6.31	9.71	fl-.	9.9	?0.14	10.04
6	3.6 3.5	3.70±1	3.8	6.27	9.97	9.5	9.50°° 9.5	0.26	9.76
7			5.2	6.01	11.21				
8			5.3	6.00	11.30				
9			6.1	5.82	11.92				
10			6.3	5.78	12.08				
11			6.3	5.78	12.08				
12			6.8	5.68	12.48				
13			7.2	5.58	12.78				
14			7.5	5.53	13.03				
15			7.7	5.49	13.19				
16			8.0	5.42	13.42				
17			8.3 8.30°° 8.3	5.36	13.66				
18			8.7 8.70°° 8.7	5.26	13.96				
19			9.0 9.15±1 9.3	5.16	14.31				
20			9.9?	fe 4.97	14.87				

Mc Series 742

Dec

May 3, 1917

Mc 12133 Pole

	B	C	PC
5			5.15^{01} 5.2 5.1
6			5.85^{01} 5.8 5.9
8			7.30$^{..}$ 7.3 7.3
9			8.26^{11} 8.1 8.3
10	2.7 2.6		8.60^{11} 8.7 8.5
11	3.1 3.0		9.35^{43} 9.0 9.7
12	3.5 3.4		9.8
13	4.0 3.9	4.05^{01} 4.1	7
14		4.7	
15		5.1	
16		5.40^{11} 5.5 5.3	
17		5.8	
18		6.5	
19		6.9	
20		7.2	
23		8.0	
25		8.7	
26		9.20^{11} 9.3 9.1	
27		9.75^{01} 9.8 9.7	

Over

MC Series 742 : Card.

S c V May 3, 1917

MC 12134 11 0 + 5.0 alt. corr +.11

	B		C		Cn	Magn	PC		Cn magn
1							5.8		1.22
2							7.2		0.94
3	2.6 2.5				6.37	8.97	8.5	8.60 8.7	0.54
3a	3.1 2.2				6.37	9.07	8.8		
4	3.3 3.2				6.32	9.62	9.5	9.40 9.3	0.29
4a	3.9 3.8	3.90	3.9		6.26	10.16	F		
5	4.0 3.9	4.05	4.1		6.23	10.28			
6			4.3		6.20	10.50			
7			5.0		6.06	11.66			
8			5.3		6.00	11.30			
8a			5.9		5.87	11.77			
9			6.1		5.82	11.92			
10			6.3		5.78	12.08			
11			7.1	7.00 6.9	5.63	12.63			
12			7.3		5.56	12.86			
13			8.1	8.00 7.9	5.42	13.42			
14			8.3	8.40 8.5	5.33	13.73			
15			8.9	9.00 9.1	5.19	14.19			
3a	2.7 26				6.37 ~~8.8~~		8.5		0.57
3b	3.3 ~~7.8~~				~~9.8 9.7~~		9.8	9.75 9.7	0.18

Marked in red ink on 5080

	B		Cn	PC		Cn magn
1				5.2		1.27
2				5.9		1.20
3				6.9		1.01
4				7.3		0.91
5	2.5 24	2.45 2.4 23.1		7.7		0.80
6	3.3 32	3.20 3.1 30	6.33	8.7	8.60 8.5	0.54
7	3.3 3.2		6.32	9.5	9.40 9.3	0.29

Images poor. B C's very poor

12 50

Estimated intervals bet. comp stars for M15

May 10, 1917

1 10

X8912

g 2 h
h 1 k
k 5 l
l 3 m'
m' 1 n'
n' 1 o'
o' 1 n
n 0 m*
m 5 o
o 2 p'
p' 1 p
p 4 q'
q' 1 q
q 3 r'
r' 3 s'
s' 1 t'

*Faint star sup. on "m" difficult to meas.

Estimated intervals bet. C.S. for M15

May 10, 1917

X8920

g 1 h

h 1 k

k 4 l

l 3 m'

m' 1 n'

n' 1 o'

o' 2 n

n 1 m

m 4 o

o 3 p'

p' 1 p

p 5 q'

q' 0 q

q 4 r'

r' 3 s'

s' 1 t'

Faint- plate very hazy

Estimated intervals bet C.S for M15
May 10, 1917

x 8869

g	1	h
h	2	k
k	4	l
l	3	m'
m'	0	m
m	0	n'
n'	1	o'
o'	1	n
n	3	o
o	2	p'
p'	2	p
p	4	q'
q'	0	q
q	3	r'
r'	2	s'
s'	1	t'

Estimated intervals bet. C.S. for M15

May 10, 1917

X 8780

g	2	h
h	2	k
k	3	l
l	3	m'
m'	2	m
m	0	n'
~~n'~~	~~2~~	~~o'~~
n'	0	n
n	2	o'
o'	3	o?
o	1	p'
p'	1	p
p	3	q? ft.
r'	ns	
s'	ns	
t'	ns	

Poor plate ft images n.s.

2

Mc Ser. 75 !

Sheet no 382

DcV

May 11 1917

1 50 Mc 12333 Pke

	B			C 12339 p147			PC				
5							5,2		5.2	5.20^{00}	1,29
6							6,0	5.90^{11} 5.8	5.7	5.80^{1010}	1,31
8							7,2		7.1	7,15^{01}	1,08
9							7.7		7.7	7.70^{00}	1,13
10	2.8 2.7			2.6	2.70^{11}	6,32	8,1		8.0	8.05^{10}	0,97
11	3.3 3.2			3.2	3.25^{10}	6,30	8,5		8.5	8.50^{00}	1.05
12	3.6 3.5			3.65	3.62$^{02\,03}$	6,24	8.9		9.0	8.95^{10}	0,91
13	4.1 4.0	4.10^{00}	4.1	4.1	4.10^{0000}	6,20	9.5	9.60^{11} 9.7	9.7	9.65^{0505}	0,65
14	4.4 4.3	4.45^{01}	45	4.5	4.48^{0302}	6,17	9,9		.	9.9	0,75
15			5,1	5.1	5.10^{00}	5,98					
16			5,4	5.5	5.45^{01}	5,95					
17			5,9	5,8	5.86^{10}	5,78					
18			6,5	6.5	6,50^{00}	5,56					
19			6,9	6.7	680^{11}	5,62					
20			7,2	7.3	7.25^{01}	5,48					
23			7.7	7,8	7,75^{10}	5,59					
25			8,3	8.3	8,30^{00}	5,57					
26			8,9	8.8	8.85^{10}	5,48					
27			95	9.2	9.35^{12}	5,34					
28			9.9	9.7	9.80^{11}	5,31					

MC Ser. 75$\frac{1}{5}$

Copied by H.S.L Bk 10 p.124

Card.

Dev

May 11, 1917

alt. corr +.03

MC 12334 Ref Seq 5 0 - 25

	B		C	Cn	magn	PC	Cn	magn
1	3.2 3.1			6.28	9,48	8.7	0.94	9,64
2	4.2 4.1	4.10^{01}	4.1	6.20	10,35	9.8	0.72	10,52
3			5.0	6.05	11,05			
4			5.4	5.93	11,33			
5			6.1	5.73	11,83			
6			6.7	5.60	12,30			
7			7.0	5.56	12,56			
8			7.3	5.53	12,83			
9			7.7	5.50	13,20			
10			8.5 8.7 8.60^{L1}	5.43	14,03			
11			9.0	5.40	14,40			
12			9.5	5.37	14,87			
13			9.5	5.37	14,87			
14			9.8	5.37	15,17			
15			9.7	5.37	15,07			
β	2.9 2.8			6.30	9.20	8.1 8.3 8.20^{L1}	1.01	9,21
j	B					6.3	1.23	7,53

Copied B10: 28

Mc Ser. 75b

Card.

S c V

May 11, 1917

alt. corr +.22

Mc 12335 Date? 4 59 + 54.5

	B		C	Em	magn	PC	Em	magn
1						6.4	.1.22	7.62
2						6.9	1.17	8,07
3	3.2 3.10'' 3.0 3.1 2.9			6.29	9,39	8.15 31 8.0 8.3	1.03	9.18
4	3.2 3.1			6.29	9,49	8.5	0.96	9.46
5	4.0 3.9	4.00°°	4.0	6.20	10,28	9.40'' 9.3 9.5	0.80	10,20
6			4.4	6.18	10,58	9.7	0.74	10.44
7			4.9	6,07	10,97			
8			5.0	6.05	11,05			
9			5.3	5,95	11.25			
10			6.1	6.00'' 5.9 5.76	11.76			
11			6.1	5.73	11,83			
12			6.3	5,67	11,97			
13			6.5	5.63	12.13			
14			6.9	5,57	12,47			
15			6.9	5.57	12,47			
16			7.1	5.55	12,65			
17			7.3	5.53	12,83			
18			7.7	5.50	13.20			
19			8.5	5,43	3.9 14.33			
20			9.0	9.16 31 9.3 5.39	14.54			

ScV Copied 9.65

Mc Ser. 75 1/5

May 11, 1917

Card.

Mc 12336 Y Aurigae

ult corr + .23
Overex + .02
+ 25

	B		C	Cu	magn	Pg	G	magn
a						6.95 01 7.0 6.9	1.17	8.12
b						6.5	1.20	7.70
c						7.5	1.10	8.60
d	2.7 2.6			6.30	9.00	7.9	1.05	8.95
e	3.6 3.7	3.85 01	39	6.21	10.06	9.0	0.88	9.88
f	3.3 3.2			6.27	9.57	8.5	0.96	9.46
g	4.0 3.9	4.05 01	4.1	6.20	10.25	9.5	0.77	10.27
h			3.9	6.22	10.12	9.1	0.87	9.97
k			5.2	5.99	11.19			
l			5.6	5.87	11.47			
m			5.9	5.78	11.68			
n			6.3	5.67	11.97			
o			7.1	5.54	12.64			
p			7.3	5.52	12.82			
q			7.4	5.51	$1\overset{2}{3}$.91			
r			7.5	5.50	13.00			
s			7.7	5.50	13.20			
t			8.0	5.47	13.47			
u			8.5	5.43	13.93			
w			8.5	8.60 87 5.42	14.02			
x			9.1	5.39	14.49			
y			9.8	5.36	15.16			

DeV

Copied B38:29

Mc Ser. 75$\frac{1}{8}$

May 11, 1917

~~Corr for exp. +.02~~
col. corr +.19
~~Total +.21~~

Mc 12337 ~~S. H. Series~~ Ref. 5 40 + 20

	B	O	Cu	magn	PC	Cu	magn
1					6.1	1.25	7.35
2	2.7 2,6		6.30	9,00	8,0	1.03	9.03
2a	2.5 2,4		6.30	8,80	7.7	1.08	8,78
2b	2.9 2,8 3.00"		6.30	9,20	7.9	1.06	8,96
3	3.1 2.9 3,0 2,8		6.30	9,30	8,1	1.03	9,13
3a	4,8 4,7 4.88"	4,9	6.09	10,94			
4		4,1	6.20	10,30	9.8	0.72	10,52
5		4,7	6.12	10,82			
6		5,0	6.04	11,04			
7		5,3	5.97	11,27			
8		5,7	5.85	11,55			
9		6,1	5.73	11,83			
10		6,3	5.67	11,97			
11		6,8	5.58	12,38			
12		7,1	5.54	12,64			
13		7,3	5.53	12,83			
14		7,5	5.51	13,01			
15		8,1	5.46	13,56			
16		8,1	5.46	13,56			
17		8,5	5.43	13,93			
18		9.05" 9,0 9,1	5.40	14,45			

Mc Ser. 75½ Copied B9:74

Card.

ScV. May 11, 1917

Mc 12337 cont. SU Tauri alt corr +.19

		B	C	Cm	magn	PC		
	a		4.0	6.20	10.20			
	a'		4.65^{01} ~~4.4~~ 4.6 4.7	6.13	10.78	Sup. on im.		
	f		3.9	6.22	10.12	8.95^{01} 9.0 8.9	0.90	9.85
abl	c		3.9?	6.22	10.12			
	d		5.1	6.03	11.13			
	e		5.3	5.96	11.26			
	e'		6.1	5.74	11.84			
g	~~f~~		6.5	5.63	12.13			
f	~~g~~		4.95^{01} 5.0 4.9	6.07	11.02			
	h		6.60^{11} 6.5 6.7	5.60	12.20			
	k		6.3	5.67	11.97			
	l		7.0	5.56	12.56			
	m		8.15^{01} 8.2 8.1	5.46	13.61			
	n		8.0	5.47	13.47			
	o		8.9	5.40	14.30			
	p		9.3	5.38	14.68			
	α	3.0 2.9		6.30	9.30	8.2	1.02	9.22
	β	2.7 2.6		6.30	9.00	7.8	1.06	8.86

MC Ser. 75$\frac{1}{5}$

DcV

May 11, 1917

wt. corr — 25

MC 12338 Dm Ref. - 5 49-17 5

	B		C	Cu	Magn	PC	Cu	Magn
1						7.1	1.15	8,25
2	2.6 2.5			6.30	8,90	7.9	1.06	8,96
3	2.8 2.7			6.30	9.10	8.1	1.03	9.13
4	3.4 3.3			6.27	9.67	8.9	0.90	9.80
5	3.9 3.8	$3.95^{1.0}$	4.0	6.21	10,16	9.2 0.1 9.1 9.3	0.86	10,06
6			4.8	6.10	10,90	9.8	0.72	10,52
7			5.1	6.03	11,13			
8			5.4	5.92	11,32			
9			5.9	5.77	11.67			
10			6.2	5.70	11.90			
11			6.5	5.63	12,13			
12			6.7	5.60	12,30			
13			7.0	5.55	12,55			
14			7.5	5.51	13,61			
15			7.8	5.48	13,28			
16			8.3	5.45	13,75			
17			8.9	5.40	14,30			
18			8.8	5.41	14,21			
19			9.8	5.37	15,17			
20			9.8	5.37	15,17			

Mc Ser 75$\frac{1}{5}$

Ser

May 11, 1917

Mc 12339 Cole

	B		C	Pc
5				5.2
6				5.7
8				7.1
9				7.7
10	2.6 2.5			8.0
11	3.2 3.1			8.5
12	3.6 3.5	3.65$^{0'}$	3.7	9.0
13			4.1	9.7
14			4.5	
15			5.1	
16			5.5	
17			5.8	
18			6.5	
19			6.7	
20			7.3	
23			7.8	
25			8.3	
26			8.8	
27			9.2	
28			9.7	

See page 140

3 45

Sheet no. 399

MC Series 755

Dcr

MC 12386 Pole May 15, 1917

			MC 12386		C	12391 p152	Mean	Diff	P.C			Diff
10	40	5	13						5.6	5.3	5.45^{21}	1.04
		6							6.2	5.8	6.00^{22}	1.11
		8							7.5	7.3	7.40^{11}	0.83
		9							8.3	7.9	8.10^{22}	0.73
		10	2.9 2.8			2.9	2.90^{00}	6.12	8.5	8.30	8.40^{1010}	0.62
		11	3.4 3.3			3.4	3.40^{00}	6.15	8.9	8.9	8.90^{00}	0.65
		12	2.9 3.8	3.95^{10}	4.0	3.90	3.92^{0302}	5.94	9.4	9.3	9.35^{01}	0.51
		13			4.6	4.4	4.50^{11}	5.80	9.9	ft 9.8	9.85^{10}	0.45
		14			4.9	4.8	4.85^{10}	5.80				
		15			5.3	5.3	5.30^{00}	5.78				
		16			5.7	5.6	5.65^{10}	5.75				
		17			6.0	6.0	6.00^{00}	5.63				
		18			6.7	6.7	6.70^{00}	5.36				
		19			7.0	6.9	6.95^{01}	5.47				
		20			7.3	7.3	7.30^{00}	5.43				
		23			7.9	8.0	7.95^{10}	5.39				
		25			8.5	8.60^{11} 8.7 8.5	8.55^{0505} ~~8.66~~	5.32				
		26			9.3	9.10	9.20^{1010}	5.13				
		27			9.7	9.7	9.70^{00}	4.99				
		28			10.0	?9.9	9.95^{01}	5.16?				

Mc Series 755

Card

Sct

May 15, 1917

Mc 12388 Ref Seq 10 0 + 25 alt cor +.19

	B		C	cu.	magn.	PC		cu	magn.
1						6.6		0.95	7.55
2	$\overset{3.0}{2.9}$			6.14	9.14	8.3		0.67	8.97
3	$\overset{3.4}{3.3}$			6.07	9.47	9.1	$\overset{9.00^{\prime 1}}{8.9}$	0.48	9.48
4	$\overset{3.6}{3.5}$			6.02	9.62	9.3		0.53	9.83
5	$\overset{4.2}{4.1}$	4.25^{01}	4.3	5.91	10.16	9.8	$\overset{9.85^{01}}{9.9}$	0.46	10.31
6	$\overset{5.0}{4.9}$	5.05^{01}	5.1	$\overset{7}{5.27}$	10.82				
7			5.5	5.68	11.18				
8			6.4	5.52	11.92				
9			6.5	5.50	12.00				
10			6.7	5.48	12.18				
11			7.1	5.42	12.52				
12			7.5	5.37	12.87				
13			7.5	5.37	12.87				
14			7.7	5.37	13.07				
15			8.1	5.32	13.42				
16			8.7	5.26	13.96				
17			8.9	5.23	14.13				
18			9.7	5.10	14.80				
19			9.9	ft. 5.07	14.97				
20			9.8	$\overset{9.85^{01}}{9.9}$ 5.08	14.93				

Images not circular

MC Ser. 755

Card.

Sc V

May 15, 1917

MC 12389 ~~Bm Ref~~. 10 v +80 alt corr +10

	B		C	Cu	magn.	PC			
1						6.1	6.20^{21} 6.3	0.99	7.19
2					ws	7.3 ~~6.5~~	7.40^{21} 7.5	0.81	8.21
3	3.0 2.9			6.14	9.14	8.1	8.20^{21} 8.3	0.70	8.90
4	3.6 3.5			6.01	9.61	8.9	8.50^{12} 8.7	0.60	9.40
5	4.1 4.0	4.10^{00}	4.1	5.93	10.03	9.5	9.50^{00} 9.5	0.50	10.00
6			4.75^{01} 4.8 4.7	5.80	10.55	9.8	8.85^{01} 9.9	0.46	9.31
7			5.3	5.71	11.01				
8			5.5	5.68	11.18				
9			6.1	5.58	11.68				
10			6.5	5.51	12.01				
11			6.95^{10} 6.9 7.0	5.44	12.39				
12			7.3	5.40 ~~5.30~~	12.70				
13			7.5	5.38	12.88				
14			7.5	5.38	12.88				
15			7.5	5.38	12.88				
16			7.7	5.37	13.07				
17			9.40^{21} 8.3 8.5	5.30	13.70				
18			8.60^{21} 8.5 8.7	5.27	13.87				
19			8.95^{01} 9.0 8.9	5.22	14.17				
20			9.60^{21} 9.5 9.7	5.12	14.72				

1916pnae.proj.1002L

MC Ser 755

Card

Sex

May 15, 1917

MC 12390 Ref. 11 D0 + 30

alt con +21

	B		C				PC					
1							6.9				0.90	7.80
2	2.9 2.8				6.16	9.06	8.3				0.67	8.97
3	3.6 3.5				6.02	9.62	~~9.0~~	8.9	9.00^{11} 9.1		0.58	9.58
4	4.1 4.0	4.10^{00}	4.1		5.94	10.04	9.8	9.75^{01} 9.7		near br. object	0.47	10.22
5			4.9		5.78	10.68						
6			5.8		5.62	11.42						
7			6.0		5.59	11.59						
8			6.7	6.60^{11} 6.5	5.50	12.10						
9			6.5		5.50	12.00						
10			6.9		5.45	12.35						
11			6.9		5.45	12.35						
12			7.1	7.05^{10} 7.0	5.43	12.48						
13			7.0		5.43	12.43						
14			7.3		5.40	12.70						
15			7.9		5.36	13.26						
16			7.9		5.36	13.26						
17			7.8		5.37	13.17						
18			8.1	8.10^{00} 8.1	3 5.82	13.42						
19			8.4	8.45^{01} 8.5	5.29	7 13.84						
20			9.0	9.15^{21} 9.3	5.20	14.35						

MC Ser. 455

Dev

May 15, 1917

MC 12391 Pole

	B				PC	
5					5.3	
6					5.8	
8					7.3	
9					7.9	
10	2.9 2.8				8.2	8.30 ±1 8.4
11	3.4 3.3				8.9	
12	3.9 3.8	3.90°°	3.9		9.3	
13			4.4		9.8	
14			4.8			
15			5.3			
16			5.6			
17			6.0			
18			6.7			
19			6.9			
20			7.3			
23			8.0			
25			8.5			
26			9.0	9.180 ±1 9.2		
27			9.7			
28			9.9			

See page 148

Mc Ser. 755

Card.

SeV May 15, 1917

Mc 12392 Ref - 12 v + 40 alt Con + 23

	B				pg		
1					6.1	1.04	7.14
2					6.5	0.97	7.47
3	2.9 2.8		6.16	9.06	8.2	0.70	8.90
4	3.6 3.5		6.02	9.62	9.8	0.47	10.27
5	4.2 4.1 4.15 01	4.1	5.92	10.07			
6		4.9	5.78	10.68			
7		5.1	5.75	10.85			
8		5.3	5.71	11.01			
9		5.9	5.60	11.50			
10		6.3	5.53	11.83			
11		6.5	5.51	12.01			
12		6.7	5.47	12.17			
13		6.7	5.47	12.17			
14		7.1	5.42	12.52			
15		7.4	5.38	12.78			
16		8.0	5.33	13.33			
17		8.1	5.32	13.42			
18		8.5	5.28	13.78			
19		9.3	5.17	14.47			
20		9.60±1 9.5 9.7	5.12	14.72			

Images not circular.

bcV

MC Ser. 755

May 15, 1917

Card.

MC 12394 B5 12 + 45

alt corr +.23

	B			Cu.		PC	Cu	
1						6.00±1 6.1 5.9	1.06	7.06
2						6.1	1.04	7.14
3						7.3	0.83	8.13
4						7.5	0.80	8.30
5						7.5	0.80	8.30
6						7.7	0.77	8.47
7						8.50±0 8.5 8.5	0.65	9.15
~~7a~~								
8	2.8 2.7			6.20	9.00	8.3	0.67	8.97
9	3.0 2.9			6.14	9.14	8.60±1 8.5 8.7	.63 ~~0.58~~	9.23
10	3.3 3.2			6.09	~~9.39~~	9.0	0.58	9.58
10a	3.9 3.8	3.90±0	3.9	5.97	9.87	9.8	0.46	10.26
11	3.3 3.2		~~3~~	6.09	9.39	8.80±1 8.7 8.9	0.60	9.40
12	4.2 4.1	4.95±1	4.1	5.92	10.07	9.8	0.46	10.26
13			4.4	5.88	10.28			
14			4.60±1 4.5 4.7	5.83	10.43			
14a			5.25±1 5.2 5.3	5.72	10.97			
15			4.75±0 4.7 4.8	5.80	10.55			
16			4.70±0 4.7 4.7	5.81	10.51			
16a			5.85±0 5.9 5.8	5.61	11.46			
~~17~~								
17a			4.80±1 4.9 4.7	5.80	10.60			
18			5.5	5.68	11.18			
19			6.0	5.59	11.59			
20.			6.65±1 6.8 6.5	5.48	12.13			
21			6.9	5.44	12.34			
22			7.1	5.42	12.52			
23			7.15±0 7.1 7.2	5.41	12.56			

		Cu	
24	7.3	5.40	12.70
25	7.5	5.37	12.87
26	7.8	5.37	13.17
27	7.7	5.36	13.06
27a	7.7	5.36	13.06
28	8.8	5.24	14.04
29	9.0	5.21	14.21
30	9.8	5.08	14.88
29a	9.2	5.19	14.39
29b	9.5	5.13	14.63
31	9.8	5.09	14.89
32	7	.	7

Mc Ser. 755

Caned.

Sel

May 15, 1917

Mc 12395 Gal. Pole 12 39 +28

alt cor. +.21

	B		C			PC	cw	
1						7.2	5.86	13.06
2	3.0 2.9			6.14	9.14	Sup. on another st.		
3	4.1 4.0	4.10°°	4.1	5.93	10.03			
4			5.1	5.76	10.86			
5			6.0	5.59	11.59			
6			6.9	5.45	12.35			
7			7.3	5.40	12.70			
8			7.4021 7.3 7.5	5.39	12.79			
9			8.1	5.33	13.43			
10			8.7	5.26	13.96			
11			9.0	5.21	14.21			
12			9.3	5.17	14.47			
13			9.8	5.09	14.89			
14			9.8	5.09	14.89			
15			7		7			

Images not circular – poor.

+ ~~+5~~

Last Pole Plate in Ser. quality B

Over

MC Ser 755

SeV

May 15, 1917

Card

MC 12393 Som Ref 12 0 +85 alt. cor. +.05

	B		C				pc	cu	magn
1							6.1	1.03	7.13
2							6.8	0.92	7.72
3							7.7	0.77	8.47
4	3.0 29	2.90'1 1.8 2.7			6.20	9.10	8.1	0.70	8.80
5	3.6 35				6.02	9.62	8.8	0.60	9.40
6	4.1 40	4.18 3807	4.25-01 42	43	5.92	10.10	9.8	0.46	10.26
7			47		5.82	10.52			
8			4.9		5.78	10.68			
9			5.1		5.75	10.85			
10			5.7		5.64	11.34			
11			6.1		5.57	11.67			
12			6.5		5.50	12.00			
13			6.8		5.46	12.26			
14			7.3		5.40	12.70			
15			7.7		5.37	13.07			
16			8.1		5.32	13.42			
17			8.3		5.30	13.60			
18			8.9	8.90°° 8.9	5.23	14.13			
19			9.3	9.40'1 9.5	5.16	14.56			
20			9.8	9.75°L 9.7	5.10	14.85			

1 10

Found I had omitted 12393. by mistake - so measured it last -

Mc Series 467

Sheet no 382

DeV

May 18, 1917

11; 45 Mc 12527 Pole.

	B	C	12538 p164			PC			
5						5.4	5.5	5.45^{01}	1,04
6						6.2	6.10	6.15^{0505}	0,96
8						7.5	7.7	7.60^{11}	0,63
9						8.2	8.3	8.25^{01}	0,58
10	3,5 3.4 4.20^{11}		3.4	3.45^{10}	5,57	8.5	8.60	8.55^{0505}	0,47
11	4.3 4.1 4.2 4.0 4.20^{0000}	4.2	4.10	4.15^{0505}	5.40	9.2	9.1	9.10^{1010}	04 5
12		4.5	4.4	4.45^{10}	5,41	9.5	9.60^{11} 9.7 9.5	9.55^{0505}	0,31
13		5.1	4.9	5,00^{11}	5,30		10,0?		0,30
14		55	5.4	5.45^{10}	5,26				
15		6.1	6.00^{11} 5.95,80	5.90^{1010}	5,18				
16		6.3	6.2	6.25^{10}	5,15				
17		6.5	6.5	6.50^{00}	5,13				
18		7.1	7.1	7.10^{00}	4,96				
19		7.5	7.5	7.50^{00}	4,92				
20		7.8	7.7	7.75^{01}	4.98				
23		8.4	8.45^{01} 8.5 8.20	8.32^{1312}	5,02				
25		9.0	8.95^{01} 8.9 8.85	8.90^{0505}	4,97				
26		9.5	9.50^{00} 9.5 9.20	9.45^{0505}	4,88				
27		9.9	9.90^{00} 9.9 9.90	9.90^{0000}	4,79				

MC Series 767 Copied B10:102

Card.

ScV

May 18, 1917

Alt. adj +.13

MC 12529 Barte 9 0 + 10

	B		C	Cu	Magn	PC		Cu	magn
1						7.3	7.25 10 7.2	0.74	7.99
2						7.9	7.90 00 7.9	0.63	8.53
3	4.0 3.9	4.00 00	4.0	5.44	9.44	9.2	9.13 02 9.0	0.40	9.50
4	4.0 3.9	3.95 01	3.9	5.45	9.40	9.2	9.10 12 9.0	0.40	9.50
5			4.6	5.36	9.96	9.8	9.25 02 9.7	0.29	10.04
6			5.5	5.23	10.73				
7			6.1	5.16	11.26				
8			6.1	5.16	11.26				
8a			7.1	5.06	12.16				
9			7.3	5.03	12.33				
10			7.5	5.02	12.52				
11			7.9	5.00	12.90				
12			8.05 01 8.0 8.1	5.00	13.05				
13			8.05 01 8.0 8.1	5.00	13.05				
14			8.5	4.98	13.48				
15			8.3	4.99	13.29				
16			8.9	4.95	13.85				
17			8.9	4.95	13.85				
18			9.7	4.84	14.54				
19			9.9	4.78	14.68				
20			F						

MC Series 767

DeV

May 18, 1917

Card.

alt row +.17

MC 12530 DM Ref -9° +67.5

	B		C		Cu	magn	PC		Cu	magn
1							5.1	5.00 12 4.9	.	.
2							6.1	6.10 00 6.1	0.93	7.03
3							6.9	6.90 00 6.9	0.80	7.70
4							7.2	7.15 02 7.1	0.76	7.91
5	3.2 3.1		.			.	8.1	8.05 10 8.0	0.59	8.64
6	3.6 3.5				5.50	9.10	8.8	8.65 21 8.5	0.48	9.13
7	4.2 4.1	4.20 00 01 ~~4.15~~	4.1	4.20 21 4.3	5.42	9.62	9.5	9.40 12 9.3	0.85	9.73
8			5.0		5.30	10.30				
9			5.4		5.25	10.65				
10			5.9		5.19	11.09				
11			6.3		5.13	11.43				
12			6.9		5.07	11.97				
13			7.3		5.03	12.33				
14			7.5		5.02	12.52				
15			7.5		5.02	12.52				
16			8.1		5.00	13.10				
17			8.5		4.98	13.48				
18			9.1		4.93	14.03				
19			9.2		4.91	14.11				
20			9.7	9.75±0 9.8	4.82	14.57				

MC Series 767

Card

SeV

May 18, 1917

alt. corr +.14

MC 12534 Ref - 11 0 +75

	B		C	Cn	magn	PC		Cn	magn
1						6.8	6.75 02 6.7	0.83	7.58
2						7.5	7.40 11 7.3	0.71	8.11
3	3.2 3.1					8.0	7.90 12 7.8	0.63	8.53
4	4.1 4.0	4.05 10	4.0	5.43	9.48	9.0	8.95 02 8.9	0.43	9.38
5			4.8	5.33	10.13	9.7	9.70 00 9.7	0.30	10.00
6			4.9	5.32	10.22	9.8	9.85 01 9.9	0.28	10.13
7			5.3	5.27	10.57				
8			5.8	5.19	10.99				
9			6.4	5.13	11.53				
10			6.7	5.08	11.78				
11			6.9	5.07	11.97				
12			7.5	5.02	12.52				
13			7.5	5.02	12.52				
14			7.60 21 7.5 7.7	5.01	12.61				
15			7.8	5.01	12.81				
16			8.0	5.00	13.00				
17			8.2	5.00	13.20				
18			8.60 21 8.5 8.7	4.97	13.57				
19			9.1	4.93	14.03				
20			9.5	4.87	14.37				
21			9.8	4.80	14.60				

MC Series 767

Card.

DeV

May 18, 1917

alt. corr + .08

MC 12535 Ref. – 11 h +82.5

	B		C		Cm	Magn	PC		Cm	magn
1							6.3	6.40''1 6.5	0.88	7.28
2	3.1 3.0				.	.	7.7	7.75 1.0 7.8	0.64	8.39
3	3.4 3.3				5.52	8.92	8.3	8.20'' 8.1	0.57	8.77
4	4.2 4.1	4.25°'	4.3		5.40	9.65	9.5	9.40'' 9.3	0.35	9.75
5			4.7		5.34	10.04	9.8	9.80°° 9.8	0.28	10.08
6			4.9		5.32	10.22	9.8	9.80°° 9.8	0.28 near br. st.	10.08
7			5.4		5.25	10.65				
8			6.0		5.17	11.17				
9			6.5		5.10	11.60				
10			6.9		5.07	11.97				
11			7.5	7.40'' 7.3	5.03	12.43				
12			7.5		5.02	12.52				
13			7.5		5.02	12.52				
14			7.5		5.02	12.52				
15			7.8		5.01	12.81				
16			8.0		5.00	13.00				
17			8.2		4.99	13.19				
18			8.7		4.97	13.67				
19			9.3	9.40'' 9.5	4.88	14.28				
20			9.7		4.84	14.54				

Film streaked.

MC Series 767 : Card.

SeV May 18, 1917

Mc 12536 B5 12 + 45

Alt corr +.23

	B	C	Cn	magn	PC	Cn	magn		PC			
1					5.9	0.97	6,87	29	9.60 9,5	9,7	4,85	14,45
2					6,1	0.93	7,03	30	F			
3					7.4	0.72	8,12	31	F			
4					7.7	0.66	8,36	10a	4.3	5,40	9.70 9.5	9.83 0.33
5					7.7	0.66	8,36	14a	5.7	5,20	10,90	
6					7.9	0.63	8,53	16a	6,1	5.15	11,25	
7					8.7	0.47	9,17	17a	5.2	5.28	10,48	
8					9.0	0.42	9,42	27a	7.9	5,00	12,90	
9					8.9	0.44	9.34	29a	9.3	4.90	14,20	
10					9.40 9.5 9.3	0.35	9.75	29b	9.5	4.87	14.37	
11	3.5 3.4		5.50	9,00	9.0	0.42	9.42					
12		4,8	5.33	10,13								
13		5.0	5.30	10.30								
14		5,1	5.29	10,39								
15		5.1	5,29	10.39								
16		5.2	5.27	10.47								
~~17~~												
18		6,2	5.13	11,33								
19		6.7	5.08	11,78								
20		7.1	5.05	12,15								
21		7.0	5,06	12,06								
22		7,1	5.05	12.15								
23		7,2	5.04	12,24								
24		7.7	5.01	12,71								
25		7.7	5,01	12,71								
26		7.7	5,01	12,71								
27		8.1	5,00	13,10								
28		8.9	4.96	13.86								

MC Series 767

Card

Sel

May 18, 1917

alt. air +.06

MC 12537 Ref. 12 0 +85

	B		C		Cu	Magn	PC		Cu	Magn
1							6,1	6.20^{21} 6.3	0.92	7,12
2							7.1	7.10^{00} 7.1	0.77	7,87
3	3.1 3.0				.	.	8.0	7.95^{01} 7.9	0.62	8,57
4	3.5 3.4				5.50	9,00	8,5	8.40^{11} 8.3	0.52	8,92
5	3.9 3.8	3.95^{10}	4.0		5.46	9,41	8.9		0.44	9,34
6			4.7		5.35	10,05	9.8		0.30	10,10
7			5.2		5.28	10,48				
8			5.2		5.28	10.48				
9			5.65^{21} 5.8	5.5	5.20	10,85				
10			6.2		5.14	11,34				
11			6.5	6.60^{21} 6.7	5.10	11,70				
12			6.8		5.07	11,87				
13			7.2	7.25^{01} 7.3	5.03	12,28				
14			7.5		5.02	12,52				
15			8.1		5.00	13,10				
16			8.5	8.60^{21} 8.7	4.98	13,58				
17			8.8		4.97	13,77				
18			9.3	9.25^{10} 9.2	4.90	14,15				
19			9.9		4.78	14,68				
20			F							

MC Series 767

SeV

May 18, 1917

MC 12538 [illegible]

	B		C		PC	
5					5.5	
6					6.1	6.10 00 6.1
8					7.7	
9					8.3	
10	3.4 3.3				8.7	8.60 12 8.5
11	4.1 4.0	4.10 0°	41		9.0	
12			4.4		9.5	
13			4.9		10.0 ?	
14			5.4			
15			5.7	5.80 11 5.9		
16			6.2			
17			6.5			
18		w. u.	~~8~~7.1			
19			7.5			
20			7.7			
23			8.3	8.20 11 8.1		
25			8.8	8.85 01 8.9		
26			9.3	9.~~3~~40 11 9.5		
27			9.9	9.90 00 9.9		

See page 157

1 55

Film streaked.

MC Series 759

Sheet no 384

DcV

May 21, 1917

11; 35 MC 12436 Pole

	B		C	12441 p171			PC			
5							5.5	5.7	5.60^{21}	0.89
6							6.0	6.05	6.02^{0203}	1.09
8							7.5	7.3	7.40^{12}	0.83
9							8.1	8.0	8.05^{10}	0.78
10	3.3 3.2			3.2	3.25^{10}	5.77	8.5	8.3	8.40^{11}	0.62
11	3.6 3.5			3.55	3.58^{0203}	5.97	9.1	8.80	8.95^{1515}	0.60
12	4.1 4.0	4.10^{00}	4.1	3.95	4.02^{0807}	5.84	9.5	9.3	9.40^{12}	0.46
13			4.7	4.7	4.70^{00}	5.60	9.9	9.8	9.85^{10}	0.45
14			5.1	5.2	5.15^{10}	5.50				
15			5.4	5.6	5.50^{21}	5.58				
16			6.0	5.95^{01} 5.9 5.9	5.92^{0302}	5.48				
17			6.3	6.1	6.20^{11}	5.43				
18			6.9	7.0	6.95^{10}	5.11				
19			7.2	7.2	7.20^{00}	5.22				
20			7.5	7.40^{12} 7.3 7.5	7.45^{0505}	5.28				
23			7.9	8.0	7.95^{10}	5.39				
25			8.5	8.7	8.60^{21}	5.27				
26			9.1	9.2	9.15^{10}	5.18				
27			9.7	9.7	9.70^{00}	4.99				

MC Series 759 : Copied B10: 140

Card

ScV May 21, 1917

Alt. corr -.09

MC 12437 Date 12 0 – 18

	B		C	Cn	magn	PC	Cn	magn
1	3.0 2.9			5.98	8,98	7.75 .01 7.8 7.7	0.79	8.54
2	3.2 3.1			5.94	9,14	8.05 .01 8.0 8.1	0.73	8 78
3	3.4 3.3			5.89	9.29	8.40 .12 8.5 8.3	0.68	9.08
4	3.5 3.4			5.87	9.37	8.50 .00 8.5 8.5	0.67	9.17
5	4.0 3.9	4.05 .01	4.1	5.77	9.82	9.15 .10 9.1 9.2	0.54	9.69
6	4.4 4.3	4.40 .00	4.4	5.70	10,10	9.4	0.50	9,90
7			4.8	5.63	10,43	9.8	0.43	10.23
8			4.9	5.60	10,50			
9			5.4	5.52	10,92			
10			6.05 .01 6.0 6.1	5.43	11,48			
11			6.30 .11 6.4 6.2	5.40	11,70			
12			6.3	5.40	11,78			
13			6.85 .10 6.9 6.8	5.37	12,22			
14			7.3	5.33	12.63			
15			7.6	5.32	12,92			
16			7.60 .12 7.7 7.5	5.32	12,92			
17			7.9	5.30	13,20			
18			8.60 .12 8.7 8.5	5.23	13,83			
19			9.40 .12 9.5 9.3	5.03	14,43			
20			9.9?	4.88	14,78?			

MC Series 759

Card.

DcY

May 21, 1917

all sizes − .25

MC 12438 Dm Ref. 12 30 − 17.5

	B		C	Cn	Magn	PC		Cn	Magn
1						5.7	5.80±1 5.9	1.01	6,81
2						6.1	6.20±1 6.3	0,99	7,19
3						7.7	7.70°° 7.7	0.80	8,50
4	2.6 2.5?			·	·	7.9	8.00±1 8.1	0.74	8,74
5	3.3 3.2			5,92	9,22	9.0	8.95±01 8.9	0.58	9.53
6	4.2 4.1	4.20°°	4.2	5.73	9,93	10.0		0.38	10,38
7			4.9	5.60	10,50				
8			5.2	5.55	10,75				
9			5.7	5.48	11,18				
10			5.9	5,45	11,35				
11			6.3	5,40	11,70				
12			6.9	5,36	12,26				
13			7.3	5,33	12,63				
14			7.3	5,33	12,63				
15			7.7	5,32	13,02				
16			8.1	5.29	13,39				
17			8.5	5.25	13.75				
18			9.0	5.16	14,16				
19			9.3	5.07	14,37				
20			9.8	4.93	14.73				

All images elongated.

MC Series 759 : Card

DeV

May 21, 1917

MC 12439 R Virginis

Alt. cor +.13

	B		C	Cw	magn	PC		Cw	magn
a						4.1			
b						6.2		0.99	7.19
c						5.3		1.01	6.31
d						6.7		0.94	7.64
e						6.7		0.94	7.64
f						7.5	7.60'' 7.7	0.82	8.42
g						7.9		0.77	8.67
h						7.5		0.83	8.33
k						7.8		0.78	8.58
l	3.1 3.0			5.96	9.06	8.5	8.60'' 8.7	0.65	9.25
m	3.5 3.4			5.87	9.37	9.2		0.54	9.74
n	3.6 3.5			5.86	9.46	9.5		0.48	9.98
o	4.2 4.1	4.20''	4.2	5.73	9.93	9.9	9.95'' 10.0	0.40	10.35
p			4.9	5.60	10.50				
q			5.2	5.55	10.75				
r			5.5	5.50	11.00				
s			6.0	5.43	11.43				
t			6.1	5.42	11.52				
u			7.0	5.34	12.34				
w			7.8	5.32	13.12				
x			8.1	5.29	13.39				
y			8.30'' 8.4 8.2	5.27	13.57				
z			8.7	5.10	13.90				
A			9.3	5.07	14.37				
B			9.7	4.96	14.66				

Images elongated.

MC Series 759

Card

DcV

May 21, 1917

Alt. curr. ∞

MC 12440 12 39 - 5.0

	B		c		Cu	Magn	PC		Cu	Magn
1							7,0	7.00-01 7.1	0.90	7.95
2							7.3	7.40-11 7.5	0.85	8.25
3	2.8 2.7				6.02	8.82	8.0	8.05-01 8.1	0.74	8.79
4	3.5 3.4				5.87	9.37	8.9	8.85-10 8.8	0.62	9.47
5	3.8 3.7	3.85-01	3.9		5.80	9.65	9.3	9.40-11 9.5	0.50	9.90
6	4.2 4.1	4.25-01	4.3		5.73	9.98	9.7		0.46	10.16
7			4.8		5.63	10,43				
8			5.4		5.52	10,92				
9			5.7		5.47	11.17				
10			6.1	6.15-10 6.2	5.41	11.56				
11			6.1	6.20-11 6.3	5.40	11.60				
12			6.8		5.36	12,16				
13			7.1		5.34	12,44				
14			7.3		5.34	12,64				
15			7.6		5.33	12,93				
16			8.1		5.29	13.39				
17			8.3		5.27	13.57				
18			8.7		5.20	13.90				
19			9.5		5.00	14.50				
20			9.8		4.91	14.71				

Images elongated

MC Series 759 : Card.

ScY

May 21, 1917

MC 12441 Sm Ref. 12 40 −10

alt. corr. −.09

	B		C	Cm	Magn	PC		Cm	Magn
1						6.9	6.90 00 6.9	0.92	7,82
2						7.5	7.40 11 7.3	0.85	8,25
3	2.9 2.8			6.00	8,90	8.0	8.10 11 8.2:	0.73	8,83
4	3.4 3.3			5.89	9,29	8.8	8.65 22 8.5	0.64	9,29
5	3.9 3.8	3.95 10	4.1	4.00 11 3.9 5.78	9.73	9.7		0.45	10,15
6			4.3	5.73	10.03	10.0?		0.39	10,39?
7			5.1	5.57	10.67				
8			5.5	5.50	11.00				
9			6.1	6.00 11 5.9 5.44	11.44				
10			6.3	5.40	11.70				
11			6.9	5.36	12,26				
12			6.9	5.36	12,26				
13			7.1	5.35	12,45				
14			7.1	5.35	12.45				
15			7.5	5.33	12.83				
16			7.8	5.32	13,12				
17			7.9	5.30	13,20				
18			8.5	5.25	13.75				
19			9.1	5.14	14.24				
20			9.5	9.60 11 9.7 4.98	14,58				

MC Series 759

ScV May 21, 1917

MC 12442 Pole

5			5.7? Close to an object
6			6.05 1.0 6.1 6.0
8			7.3
9			8.0
10	3.2 3.1 3.55-0.01		8.3
11	3.6 3.5 3.5 3.4		8.8 0.1 8.7 8.9
12	3.7 3.8 3.93 1.0	4.0	9.3
13		4.7	9.8
15 ~~14~~		5.6	
14 ~~15~~		5.2	
16		5.9	
17		6.1	
18		7.0	
19		7.2	
20		7.5	
23		8.0	
25		8.7	
26		9.2	
27		9.7	

1 30 See page 165

MC Series 743 : Card

Dc V May 23, 1917

11 10 MC 12154 Dm Ref O 10 − 2.5 Alt corr −0.09

	B		C		Cu	magn	PC			
1							7.9	8.00 ±1 8.1	0.98	8.98
2							8.0	8.05 01 8.1	0.97	9.02
3	3.8 3.7	3.90 ±1	4.0		6.33	10.23	9.8		: 0.40	10.20
4	3.9 3.8	3.95 ±0	4.0		6.32	10.27	9.8		0.40	10.20
5	4.2 4.1	4.25 01	4.3		6.29	10.54				
6			4.9		6.20	11.10				
7			5.0		6.17	11.17				
8			5.7		6.06	11.76				
9			5.8		6.04	11.84				
10			6.3		5.95	12.25				
11			6.5		5.92	12.42				
12			6.9		5.85	12.75				
13			7.2		5.78	12.98				
14			7.6		5.70	13.30				
15			8.1		5.60	13.70				
16			8.3		5.55	13.85				
17			8.7	8.80 ±1 8.9	5.45	14.25				
18			9.3	9.40 ±1 9.5	5.33	14.73				
19			9.5		5.30	14.80				

MC Series 743

Card.

DeV

May 23, 1917

MC 12155 δ Androm. 0 20 + 25.0

alt corr +.15

	B		C	Cn	Magn	PC		Cn	magn
a						7.6	7.55 0! 7.5	1.11	8.66
b						7.1	7.10 00 7.1	1.19	8.29
c						8.3	8.20 11 8.1	0.94	9.14
d						7.7	7.60 11 7.5	1.10	8.70
e	3.3 3.2			6.40	9.70	9.1	9.15 20 9.2	0.63	9.78
f	Sup.					8.3		0.92	9.22
g	3.1 3.0			6.42	9.52	9.0		0.70	9.70
h	3.5 3.4	3.70 22	3.9	6.36	10.06	9.8		0.40	10.20
k	3.9 3.8	3.90 00	3.9	6.34	10.24	9.8		0.40	10.20
l			4.1	6.30	10.40				
m			4.1	6.30	10.40				
n			4.2	6.30	10.50				
o			4.1	6.30	10.40				
"omitted" fo									
q			5.0	6.17	11.17				
r			5.9	6.03	11.93				
s			6.2	5.97	12.17				
t			6.3	6.40 21 6.5 5.94	12.34				
u			6.8	5.87	12.67				
w			7.1	5.81	12.91				
x				defective.					
y			9.0	5.41	14.41				
z			8.9	5.44	14.34				
α			9.1	5.40	14.50				
β			9.0	5.41	14.41				
γ			9.5	9.60 21 9.7 5.28	14.88				
δ			7						
ε			n.s						

MC Series 743 Sheet no 384

ScV May 23, 1917

MC 12156 Bole

	B		C	12160 p176			PC				
5							5.1	5.00 11 4.9	5.1	05 05 5.05	1,44
6							5.7	5.55 12 54	5.5	03 02 5.52	1,59
8							7.1	7.00 11 6.9	7.1	05 05 7.05	1,18
9							7.7	7.70 00 7.7	7.7	00 00 7.70	1,13
10	2.4 2.3			2.7	21 2.55	6.47	8.1	8.10 00 81	8.0	05 05 8.05	0.97
11	3.0 29			3.3	21 3.15	6.40	8.9	8.85 10 8.8	9.0	07 08 8.92	0,63
12	3.4 3.3			3.6	11 3.50	6,26	9.3	9.40 11 9.5	9.5	05 05 9.45	0,41
13	3.9 3.8	3.95 10	4.0	4.05	05 05 4.00	6,30	F		9.8	2 9.8	0,50
14			4.3	4.5	11 4.40	6,25					
15			4.7	4.8	10 4.75	6,33					
16			5,2	5.3	01 5,25	6,15					
17			5,5	5.5	00 5.50	6.13					
18			6,1	6.1	00 6.10	5,96					
19			6,5	6.5	00 6.50	5,92					
20			7.1	7.1	00 7.10	5,63					
23			7.7	7.5	11 7.60	5,74					
25			8,3	8.40 21 8.5	15 15 8.10 8.15	5.62					
26			9,0	9.05 01 9.1	10 10 8.85 8.95	5,38					
27			9,5	9.3	11 9.40	5,29					
28			9,9	9.8	10 9.85	5,26					

Mc Series 743

Copied B 7:121

Card.

ScV

May 23, 1917

Mc 12157 118 K 2 15 – 14.8

Red. corr –.19

	B		C	Cr	Magn	pc	Cr	Magn
1						6.1	1.37	7.47
2						6.3	1.34	7.64
3						7.1	1.19	8.29
4	$\overset{2.5}{2.4}$			6.48	8.98	8.2	0.94	9.14
5	$\overset{3.0}{2.9}$			6.43	9.43	8.7	0.80	9.50
6	$\overset{3.6}{3.5}$	3.70 –.11	3.8	6.36	10.06	9.7	0.44	10.14
7			4.0 $\overset{3.95 -.06}{3.9}$	6.33	10.28	10.0	0.31	10.37
8			4.1	6.31	10.41			
9			4.3	6.28	10.58			
10			5.1	6.16	11.26			
11			6.2	5.97	12.17			
12			7.3	5.76	13.06			
13			8.5	5.52	14.62			
14			9.0	5.41	$\overset{4}{15}$.41			
15			9.5	5.31	14.81			
12a			7.1	5.82	12.92			

Poor Plate – images elongated –

Mc Series 743

Dcv May 23, 1917

Mc 12160 Bole

	B		C		PC
5					5.1
6					5.5
8					7.1
9					7.7
10	2.7 2.6				8.0
11	3.3 3.2				9.0
12	3.6 3.5				9.5
13	4.0 3.9	4.05 ·1	4.1		9.8
14			4.5		
15			4.8		
16			5.3		
17			5.5		
18			6.1		
19			6.5		
20			7.1		
23			7.5		
25			8.10 ±1 8.0	8.2	
26			9.85 10 8.9	8.8	
27			9.3		
28			9.8		

12 30

See page 174

MC Series 758 Sheet no 383

DcR

May 31, 1917

11 – 15

	MC 12417 Sc1	Sc2	Pole 12422 p182					Sc2 P.C	Sc2			
5								9.0	8.95^{01} 8.9	8.00	^{4748} 8.48	-1.99
6								10.0	9.95^{01} 9.9	9.20	^{3738} 9.58	-2.47
8								11.1	11.15^{20} 11.2	10.95	^{1010} 11.05	-2.82
9								12.0	11.95^{01} 11.9	12.0	^{0302} 11.98	-3.15
10	6.10^{12} 6.2 5.9	6.0 5.7			5.6	^{2525} 5.85	3.17	12.3	12.15		^{0807} 12.22	-3.20
11	6.5 6.2				6.4	^{10} 6.45	3.10	12.9	12.9		^{007} 12.90	-3.45
12	7.10^{01} 7.0 6.7	7.2 6.9			6.9	^{1010} 7.00	2.86	13.3	13.5		^{21} 13.40	-3.54
13	7.6 7.3 8.20^{11}				7.4	^{11} 7.50	2.80	13.9	13.9		^{00} 13.90	-3.60
14	8.1 7.8	8.3 8.0			7.9	^{1515} 8.05	2.60					
15	8.4 8.3				8.35	^{1213} 8.48	2.60					
16	9.3 9.0	9.31	9.3		9.05	^{1213} 9.18	2.22					
17			9.85^{10} 9.9	9.8	9.5	^{1718} 9.68	1.95					
18			10.45^{21} 10.6	10.3	10.1	^{1715} 10.28	1.78					
19			10.9		10.5	^{22} 10.70	1.72					
20			11.05^{10} 11.1	11.0	10.9	^{0705} 10.98	1.75					
23			12.00^{00} 12.0	12.0	11.9	^{0505} 11.95	1.39					
25			12.60^{21} 12.5	12.7	12.40	^{1010} 12.50	1.37					
26			13.05^{10} 13.1	13.0	13.1	^{0302} 13.08	1.25					
27			13.90^{00} 13.9	13.9	13.9	^{0000} 13.90	0.79					

Plate streaked

Mc Series 758

: Copied B 10:160

Cand.

ScR

May 31, 1917

MC 12418 Carte 4 – 23.5

alt. corr –.57

	S		Sc2	Cu	magn	PC		Cu	magn
1	5.51 5.2			3.31	8.81	12.5	12.60±1 12.7	–3.35	9.25
2	5.6 5.3			3.29	8.89	12.9	12.90^{00} 12.9	–3.43	9.47
3	6.6 6.3			3.00	9.60	13.9	13.90^{00} 13.9	–3.60	10.30
4	7.4 7.1			2.75	10.15				
5	8.1 7.8	8.05^{10}	8.0	2.50	10.55				
6	8.2 7.9	8.20^{00}	8.2	2.47	10.67				
7			9.1	2.20	11.30				
8			9.8	1.95	11.75				
9			11.1	1.60	12.70				
10			11.0	1.62	12.62				
11			11.1	1.60	12.70				
12			11.5	1.50	1$\overset{3}{\cancel{2}}$.00				
13			11.8	1.43	13.23				
14			12.00^{00} 12.0 12.0	1.39	13.39				
15			12.00± 12.1 11.9	1.39	13.39				
16			12.20± 12.3 12.1	1.35	13.55				
17			12.65^{10} 12.7 12.6	1.27	13.92				
18			12.70^{00} 12.7 12.7	1.25	13.95				
19			12.75 0± 13.0 12.9	1.19	14.14				
20			13.95 0± 14.0 13.9	1.00	14.95				

MC Series 758.

ScR

May 31, 1917

Card.

MC 12419 B2 4 0 + 45

Alt. corr + .21

	Sc1	Sc2	Cr	magn	PC						
1					9.8	−2.47	7.33	29	11.5	1.50	13.00
2					10.2	−2.60	7.60	30	12.3	1.33	13.63
3					10.3	−2.64	7.66	31	13.40^{11} 13.5 13.3	1.10	14.50
4	4.3 4.0		.		11.0	−2.86	8.14	24a	10.0	1.88	11.88
5	4.3 4.0		.		10.9	−2.83	8.07	24b	10.3	1.80	12.10
6.	4.5 4.2		.		11.1	−2.89	8.21	32	13.9	1.01	14.91
7	4.5 4.2		.		11.2	−2.92	8.28	33	F		
8	5.4 5.1		.		12.0	−3.17	8.83				
9	5.4 5.1		.		Sup.						
10	6.2 5.9 6.25^{10}		3.10	9.30	12.80^{11} 12.9 12.7	−3.40	9.40				
11	6.3 6.2 6.0 5.9		3.09	9.34	13.0	−3.46	9.54				
12	6.4 6.1		3.04	9.44	13.0? Near br. ob.	−3.46	9.54				
13	6.2 5.9		3.10	9.30	12.9	−3.44	9.46				
14	6.6 6.3		3.00	9.60	13.3	−3.50	9.80				
15	7.1 6.8		2.85	9.95	13.9	−3.60	10.30				
16	7.2 6.9		2.81	10.01	13.9	−3.60	10.30				
17	7.4 7.1 8.30^{11} 05 $\frac{05}{10}$		2.75	10.15							
18	8.4 8.2 8.1 7.9 8.25	8.2	2.47	10.72							
19	8.6 8.3 8.60^{00}	8.6	2.35	10.95							
20	8.6 8.3 8.65^{01}	8.7	2.34	10.99							
21		9.1	2.20	11.30							
22		9.3	2.15	11.45							
23		9.1	2.20	11.30							
24		9.55^{31} 9.4 9.7	2.03	11.58							
25		10.5	1.74	12.24							
26		10.8	1.67	12.47							
27		11.0	1.62	12.62							
28		11.1	1.60	12.70							

MC Series 758

Card

DeR

May 31, 1917

MC 12420 Dm Ref- 4, 39-20

Alt. corr −.38

1	Sc1		Sc2	Cn	Magn	Sc1 8.1 7.8	8.05 10 2 8.0	−1.86 2	6.19
2	5.5 5.2			3.31 e	8.81 e	12.3	12.40±1 12.5	−3.29	9.11
3	5.95±10 5.9 6.0 5.6 5.7			3.17	9.12	12.7		−3.37	9.33
4	6.2 5.9			3.10	9.30	13.0		−3.46	9.54
5	6.4 6.1			3.05	9.45	13.1		−3.47	9.63
6	7.4 7.1			2.75	10.15	14.0		−3.63	10.37
7	8.1 7.8	8.05 10	8.0	2.50	10.55				
8	8.4 8.1	8.35 01	8.3	2.43	10.78				
9	8.6 8.3	8.65 01	8.7	2.34	10.99				
10			8.9	2.26	11.16				
11			9.05 9.0 9.1	2.22	11.27				
12			9.5	2.06	11.56				
13			10.3	1.80	12.10				
14			10.5	1.75	12.25				
15			10.8	1.67	12.47				
16			11.0	1.62	12.62				
17			11.9	1.41	13.31				
18			12.3	1.33	13.63				
19			12.9	1.20	14.10				
20			13.5	1.08	14.58 ~~43~~				

MC Series 758

Card.

DcR

May 31, 1917

MC 12421 Dm Ref 4 50-75

alt. corr -.03

	Sc1		Sc2	Cu	Magn	PC	Cu	Magn
1						10.1	-2.57	7.53
2						10.9	-2.83	8.07
3	5.4 5.1			.	.	11.9	-3.14	8.76
4	6.3 6.2 6.0 5.9	6.25 10		3.09	9.34	13.1	-3.47	9.63
5	6.4 6.1			3.05	9.45	13.1	-3.47	9.63
6	6.6 6.3			3.00	9.60	13.5	-3.54	9.96
7	7.5 7.2			2.70	10.20			
8	8.1 7.8			2.50	10.60			
9	8.6 8.3	8.65 .1	8.7	2.33	10.98			
10	9.2 8.9	9.20 °°	9.2	2.18	11.38			
11	9.8 9.5	9.80 °°	9.8	1.95	11.75			
12			10.1	1.86	11.96			
13			10.3	1.80	12.10			
14			10.9	1.65	12.55			
15			11.2	1.57	12.77			
16			11.9	1.41	13.31			
17			12.3	1.33	13.63			
18			12.9	1.20	14.10			
19			13.0	1.18	14.18			
20			13.9	1.01	14.91			

MC Series 758

Se R May 31, 1917

MC 12422 Pole

	Sc 1	Sc 2	Sc 1	Sc 2	
5			PC 7.9	8.00 1 1 8.1	
6			9.1	9.20 1 1 9.3	
8			10.9	10.95 1 0 11.0	
9			12.0		
10	5.6 5.3		12.0	12.15 2 1 12.3	near br. ob.
11	6.4 6.1		12.9		
12	6.9 6.6		13.5		
13	7.4 7.1		13.9		
14	7.9 7.6				
15	8.4 8.1	8.35 0 1 8.3			
16		9.05 1 0 9.1 9.0			
17		9.5			
18		10.1			
19		10.5			
20		10.9			
23		11.9			
25		12.~~35~~ 40 2 1 12.3 12.5			
26		13.1			
27		13.9			

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1; 30

MC Series 758

ScR

June 1, 1917

Sheet no 383

12:30 MC 12422 Pole

	Sc1		Sc2	12428 p189			PC	Sc2			
5							8.1	8.20^{11} 8.3	8.3	$8.25^{05\,05}$	-1.76
6							9.0	9.15^{21} 9.3	9.2	$9.18^{03\,02}$	-2.07
8							10.7	10.80^{11} 10.9	10.8	$10.80^{00\,00}$	-2.57
9							12.0	12.1		12.05^{01}	-3.22
10	5.4 5.1			5.3	5.35^{01}	3.67	12.4	12.5		12.45^{01}	-3.43
11	6.4 6.1			6.2	6.30^{11}	3.25	12.9	13.20		$13.05^{15\,15}$	-3.50
12	7.0 6.7			6.6	6.80^{22}	3.06	13.5	13.8		13.65^{12}	-3.79
13	7.5 7.2			7.3	7.40^{11}	2.90	13.9	·		13.9^{a}	-3.60
14	8.0 7.7			7.90	$7.95^{05\,05}$	2.70					
15	8.4 8.1	8.45^{01}	8.5	8.35	$8.40^{05\,05}$	2.68					
16	9.1 8.8	9.10^{00}	9.1	9.0	$9.05^{05\,05}$	2.35					
17	9.4 9.1	9.40^{00}	9.4	9.3	$9.35^{05\,05}$	2.28					
18			10.1	10.0	10.05^{10}	2.01					
19			10.5	10.3	10.40^{11}	2.02					
20			11.0	11.0	11.00^{00}	1.73					
23			11.9	11.9	11.90^{00}	1.44					
25			12.5	12.60	$12.55^{05\,05}$	1.32					
26			13.1	13.40	$13.25^{15\,15}$	1.08					
27			13.9	13.8	13.85^{10}	0.44					

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MC Series 758

Copied B 10:28

Card.

DeR

June 1, 1917

att corr +.20

MC 12423 Carter 5 50 + 55

	Sc1		Sc2	Cn	Magn	Sc2	Cn	Magn
1						10.3	−2.50	7.80
2	4.3 4.0			4.00e	8.30e	10.5	−2.57	7.93
3	6.2 5.9			3.28	9.48	12.5	−3.42	9.08
4	6.5 6.2			3.17	9.67	12.9	−3.52	9.38
5	7.6 7.3			2.81	10.41	13.9	−3.67	10.23
6	8.1 7.8			2.65	10.75			
7	8.4 8.1	8.40°°	8.4	2.53	10.93			
8	8.6 8.3	8.65°'	8.7	2.45	11.10			
9	9.4 9.1	9.40°°	9.4	2.22	11.62			
10			10.1	2.00	12.10			
11			10.1	2.00	12.10			
12			10.1	2.00	12.10			
13			10.5	1.86	12.36			
14			10.7	1.80	12.50			
15			10.8	1.77	12.57			
16			11.10°° 11.1 11.1	1.68	12.78			
17			11.20±1 11.3 11.1	1.64	12.84			
18			11.95±0 11.9 12.0	1.43	13.58			
19			12.40±1 12.3 12.5	1.30	13.70			
20			13.40±1 13.3 13.5	1.05	14.45			

MC Series 758

Card. Copied B38:79

ScR :1

June 1, 1917

MC 12424 ξ X Aurigae } ξ Y Aurigae } 5 0 +42.5 Alt. corr +.21

	Sc1	Sc2			PC			Cu magn
a					10.2	10.15 01 10.1	→2.44	7.71
b			Cu magn		10.7	10.60 11 10.5	-2.63	7.97
c					10.4	10.35 01 10.3	→2.53	7.82
d					11.1	11.05 10 11.0	→2.82	8.13
e					11.9	11.95 10 12.0	-3.22	8.73
f	6.0 5.7		3.35	9.35 w.s	12.~~8~~ 3		-3.36	8.94
g	7.2 6.9		2.96	10.16	13.2		-3.57	9.63
k	7.4 7.1		2.89	10.29				
l	7.4 7.1 8.45 10		2.89	10.29				
m	8.5 8.4 8.2 8.1 8.38 07 08	8.3	2.53	10.91				
n	8.7 8.4 8.70 00	8.7	2.43	11.13				
o	9.2 8.9 9.15 01	91	2.28	11.43				
p	9.6 9.3 9.68 08 07	9.75 01 9.8 9.7	2.13	11.81				
q		10.0	2.04	12.04				
r		10.65 21 10.8 10.5	1.82	12.47				
s		10.8	1.77	12.57				
t		11.20 11 11.3 11.1	1.64	12.84				
u		11.95 10 11.9 12.0	1.42	13.37				
w		12.1	1.39	13.49				
x		12.95 10 12.9 13.0	1.15	14.10				
y		13.0	1.14	14.14				
z		13.5	1.04	14.54				

"h" dbl.

MC Series 758

card

ScR

June 1, 1917

MC 12425 Ref. 5 0 + 20

alt corr +.15

	Sc 1		Sc 2	Cu	magn	PC 2	Cu	magn
1						8.15^{01} 8.2 8.1	−1.71	6.44
2						10.40^{11} 10.5 10.3	−2.53	7.87
3	4.6 4.3	5.50^{11}		3.89e	8.49e	11.15^{01} 11.1 11.2 ~~10.9~~	−2.87	8.28
4	5.6 5.3	5.4 5.10		3.55	9.05	12.95^{01} 13.0 12.9	−3.52	9.43
5	6.3 6.0	6.25 6.2 5.9		3.27	9.52	13.5	3 −2.62	9 ~~1~~0.88
6	6.6 6.3			3.15	9.75	13.9	→ 3.68	10.22
7	7.2 6.9			2.97	10.17			
8	7.6 7.3			2.82	10.42			
9	7.8 7.5			2.74	10.54			
10	8.4 8.1	8.35^{01}	8.3	2.53	10.88			
11	9.1 8.8	9.10^{00}	9.1	2.30	11.40			
12	9.6 9.3	9.65^{01}	9.7	2.15	11.80			
13			10.1	2.00	12.10			
14			10.7	1.80	12.50			
15			11.0	1.72	12.72			
16			11.85^{01} 11.8 11.9	1.47	13.32			
17			12.05^{01} 12.0 12.1	1.40	13.45			
18			12.95^{10} 12.9 13.0	1.15	14.10			
19			13.60^{11} 13.5 13.7	1.02	14.62			
20			13.85^{10} 13.9 13.8	0.98	14.83			

S c R Copied 38:29

MC Series 758

Card

June 1, 1917

MC 12426 ~~A W Paris~~ 540 + 20

Alt. corr +.17

Ref-

	Sc1		Sc2	Cm	magn	PC	Cm	magn
1						10.2	-2.46	7.74
2	5.5 5.2			3.55	9.05	12.1	-3.26	8.84
2a	5.3 5.0			3.62	8.92	1.20	-3.22	8.78
2b	6.3 6.0			3.26	9.56	12.9	-3.51	8.39
3	6.3 6.0			3.26	9.56	13.0	-3.53	9.47
3a	8.4 8.1	01 8.35	~~8~~ 8.3	2.54	10.89			
4	7.2 6.9			2.96	10.16			
5	8.1 7.8	00 8.10	8.1	2.65	10.75			
6	8.4 8.6 9.10	01 8.35	8.3	2.54	10.89			
7	9.2 9.0 8.9 8.7	10 9.15	9.2	2.29	11.44			
8	9.3 9.0	00 9.30	9.3	2.25	11.55			
9			9.8	2.10	11.90			
10			10.0	10.05 01 10.1 2.02	12.07			
11			10.7	1.80	12.50			
12			10.9	1.74	12.64			
13			11.1	1.68	12.78			
14			11.7	1.50	13.20			
15			12.1	1.40	13.50			
16			12.3	1.33	13.63			
17			12.9	1.17	14.07			
18			13.8	13.65 21 13.5 1.00	14.65			

MC Series 758

Card

ScR

June 1, 1917

MC 12427 Dm Ref - 5 59 + 75

Alt. corr +.13

	Sc 1		Sc 2	Cm	Magn	PC	Cm	Magn
1	4.4 4.1			3.97e	8.37e	10.7	-2.67	8.03
2	5.6 5.3			3.50	9.10	12.0	-3.23	8.77
3	6.6 6.3			3.15	9.75	13.0	-3.54	9.46
4	7.4 7.1			2.88	10.28	13.9	-3.67	10.23
5	8.0 7.7			2.68	10.68			
6	8.3 8.0	8.25^{10}	8.2	2.59	10.84			
7	8.6 8.3	8.65^{01}	8.7	2.45	11.10			
8	9.4 9.1	9.40^{00}	9.4	2.22	11.62			
9			9.8	2.10	11.90			
10			10.1	2.00	12.10			
11			10.3	1.93	12.23			
12			10.5	1.86	12.36			
13			10.8	1.77	12.57			
14			11.0	1.72	12.72			
15			11.1	1.68	12.78			
16			11.3	1.61	12.91			
17			11.9	1.45	13.35			
18			12.5	1.27	13.77			
19			12.9	1.17	14.07			
20		13.40^{21}	13.3 13.5	1.06	14.46			
21			13.8	0.97	14.77			

Images not circular

MC Series 758

Sc R

June 1, 1917

MC 12428 Pole

	Sc1	Sc2	Sc2 P.C
5			8.3
6			9.2
8			10.8
9			121
10	5.3 5.0		12.5
11	6.2 5.9		13.20 1L 13.3 13.1
12	6.6 6.3		13.8
13	7.3 7.0 7.90 1L		
14	8.0 7.8 7.7 7.5		
15	9.4 8.1 8.35 0L	8.3	
16		9.0	
17		9.3	
18		10.0	
19		10.3	
20		11.0	
23		11.9	
25		12.60 21 12.5 12.7	
26		13.40 1L 13.5 133	
27		13.8	

See page 183

2. 40

Mc Series 768

Sheet no 385

D. N

June 4, 1917

3 00 Mc 12548 Pole

5		12553 p196	4.55 12 03 02 ~~4.7~~ ~~4.4~~ 4.60 4.58 1.91
6			5.40 11 05 05 5.3 5.5 5.3 5.35 1.76
8			6.65 21 07 08 6.8 65 6.8 6.72 1.51
9			7.40 11 00 00 7.5 7.3 7.4 7.40 1.43
10	3.00 11 3.1 2.9 3.0 2.8	00 00 3.0 3.00 6.02	7.70 00 00 00 7.7 7.7 7.7 7.70 1.32
11	3.5 3.4	00 3.5 3.50 6.05	8.60 11 15 15 8.7 8.5 8.3 8.45 1.10
12	3.7 05 05 3.80 11 3.6 3.75 3.9	10 10 3.7 3.75 3.85 6.01	9.40 11 20 20 9.5 9.3 9.0 9.20 0.66
13	4.2	01 4.3 4.25 6.05	9.60 11 05 05 9.7 9.5 9.5 9.55 0.75
14	4.6	01 4.7 4.65 6.00	
15	5.1	00 5.1 5.10 5.98	
16	5.5	00 5.5 5.50 5.90	
17	5.7	11 5.9 5.80 5.83	
18	6.30 11 6.2	05 05 6.4 6.4 6.35 5.71	
19	6.7	10 6.8 6.75 5.67	
20	6.9	11 7.1 7.00 5.73	
23	7.8	08 07 7.65 7.72 5.62	
25	8.3	11 8.1 8.20 5.67	
26	9.0	02 8.9 8.95 5.38	
27	9.5	00 9.5 9.50 5.19	
28	9.9	00 9.9 9.90 5.21	

MC Series 768

Card.

DeV

June 4, 1917

MC 12549 NGC 2422

Alt corr −.17

				Cn	Magn	PC	Cn	Magn
1						3.3?	.	.
2						Sup? or dbl.		.
3						4.3	1.96e	6.26e
4						4.7	1.90	6.60
5						4.9	1.87	6.77
6						5.9	1.72	7.62
7						5.7	1.75	7.45
8						6.6	1.58	8.18
9						7.60±1 7.5 7.7	1.37	8.97
10						8.4	1.13	9.53
11						7.3	1.45	8.75
12	3.4 3.3			6.04	9.44	8.7	1.00	9.70
13	3.6 3.5			6.04	9.64	8.60±1 8.7 8.5	1.04	9.64
14	4.0 3.9 3.30±1	4.05 0.1	4.1	6.03	10.08	8.85±0 8.9 8.8	0.96	9.81
15	3.2 3.4 3.1 3.3			6.04	9.34	7.85−2± 8.0 7.7	1.30	9.15
16	3.9 3.8			6.03	9.93	8.8	0.98	9.78
17	4.0 3.9	4.00 ·0	4.0	6.03	10.03	9.0	0.90	9.90
18			4.8	6.00	10.80	9.5?	0.70	10.20
19			5.8	5.87	11.67			
20			6.1	5.85	11.95			
21			6.3	5.83	12.13			
22			6.65±2 6 5.8 6.5	5.79	12.44			
23			7.1	5.74	12.84			
24			7.4	5.70	13.10			
25			7.7	5.66	$13.\overset{3}{2}6$			
26			8.10±1 8.0 8.2	5.57	13.67			
27			8.80±1 8.9 8.7	5.43	14.23			
28			9.3	5.32	14.62			
29			9.7	5.123	14.93			

over

Scv

Mc Series 768

Card.

June 4, 1917

Act. corr -.17

Mc 12549 NGC 2437

					Cn	Magn	PG	7.40 1L	Cn	magn
	1						7.5	7.3	1.42	8.82
	2						7.1		1.50	8.68
	3	8.2 3.1			6.03	9.23	8.2		1.20	9.40
	3a						7.8		1.33	9.13
	4	3.1 3.0			6.03	9.13	Sup.			
	4a	4.0 3.9	4.00°°	4.0	6.03	10.03	8.9		0.95	9.85
	5						7.0		1.51	8.51
	6	4.0 3.9	4.00°°	4.0	6.03	10.03	8.7		1.00	9.70
	7			4.0	6.03	10.03	8.8		0.97	9.77
	8			4.7	6.00	10.70	9.1	9.20 1L 9.3	0.84	10.04
	9			4.9	5.99	10.89	Sup.			
?	10			5.1	5.05 1° 5.0 5.98	11.03				
?	11		w.s	5.1 ~~6.8~~	5.20 1L 5.3 5.96	11.16				
	12			5.7 ~~dbl?~~	5.89	11.59				
	13			dbl?						
	14			6.1	5.85	11.95				
?	15			5.9	5.87	11.47				
?	16			6.4	5.82	12.22				
	17			6.7	5.79	12.49				
	18			7.1	5.74	12.84				
	19			7.5	5.68	13.18				
?	20			7.8	5.63	13.43				
?	21			8.9	5.42	14.32				
	22			8.7	8.85 1L 9.0 5.43	14.28				
	23			9.1	5.37	14.47				
	24			~~9.1?~~						

Mc Series 768

DcV. June 4, 1917

Mc 12550 Dm Ref 5 45 + 57.5 alt corr + .16

				Cu	magn	pc	Cu	magn
1						6.9	1.54	8.44
2						7.4	1.42	8.82
3	3.1 3.0			6.03	9.13	8.1	1.24	9.34
4	3.8 3.7	3.80''	3.8	6.04	9.84	8.7 8.5 8.60''	1.04	9.64
5	4.1 4.0	4.10''	4.1	6.03	10.13	9.0	0.90	9.90
6			4.7	6.00	10.70	9.7	0.60	10.30
7			5.0	5.98	10.98			
8			5.3	5.95	11.25			
9			5.8	5.87	11.67			
10			6.1	5.85	11.95			
11			6.5	5.80	12.30			
12			6.8	5.77	12.57			
13			7.2	5.73	12.93			
14			7.3	5.72	13.02			
15			7.7	5.66	13.36			
16			8.3	5.53	13.83			
17			8.7	5.46	14.16			
18			9.0	5.38	14.38			
19			9.8	5.20	15.00			
20			9.9	5.18	15.08			

MC Series 768

Card

Sc V

June 4, 1917

MC 12551 Dm Ref 6 20+25

Alt. corr +.14

				Cn	Magn	PC		Cn	magn
1						6.9	7.00'' 71	1.51	8.51
2						7.4		1.42	8.82
3						7.7		1.36	9.06
4	3.2 3.1			6.03	9.23	8.3		1.17	9.47
5	3.6 3.5			6.04	9.64	8.1		0.94	9.84
6	4.0 3.9	4.00''	4.0	6.04	10.04	9.5	9.40'' 9.3	0.73	10.13
7			4.7	6.00	10.70				
8			5.2	5.96	11.16	~~8.9~~			
9			5.6	5.90	11.50				
10			6.0	5.86	11.86				
11			6.1	5.85	11.95				
12			7.1	5.75	12.85				
13			7.5	5.68	13.18				
14			7.7	5.65	13.35				
15			8.3	8.20'' 8.15 5.56	13.76				
16			8.3	5.54	13.84				
17			8.9	5.41	14.31				
18			9.2	5.35	14.55				
19			9.8	5.21	15.01				
~~20~~									

MC Series 768

SCV

June 4, 1917

Card

MC 12552 Dm Ref. 6 20 + 62.5

Alt. corr + 16

			Cr	Magn	PC	Cr	Magn
1					6.9	1.53	8.43
2	3.00''				7.1	1.50	8.60
3	3.1 2.9 3.0 2.8		6.03	9.03	7.90'' 7.8 8.0	1.30	9.20
4	3.6 3.5		6.04	9.64	8.60'' 8.7 8.5	1.05	9.65
5	3.9 3.8 3.90''	3.9	6.04	9.94	9.0	0.90	9.90
6		4.6	6.00	10.60	9.8	0.55	10.35
7		5.3	5.95	11.25			
8		5.5	5.91	11.41			
9		6.00'' 6.1 5.9	5.86	11.86			
10		5.7	5.89	11.59			
11		6.1	5.85	11.95			
12		6.1	5.85	11.95			
13		6.3	5.83	12.13			
14		7.5	5.68	13.18			
15		7.7	5.65	13.35			
16		8.0	5.59	13.59			
17		8.1	5.57	13.67			
18		8.5	5.50	14.00			
19		8.5	5.50	14.00			
20		9.40'' 9.3 9.5	5.30	14.70			

MC Series 768

Sc V June 4 1917

MC 12553 Bole

	Sc 1		Sc 2	PC
5				4.60 1.1 4.5 4.7
6				5.3
8				6.8
9				7.4
10	3.0 2.9			7.7
11	3.5 3.4			8.3
12	3.9 3.8	3.95 1.0	4.0	9.0
13			4.3	9.5
14			4.7	
15			5.1	
16			5.5	
17			5.9	
18			6.4	
19			6.8	
20			7.1	
23			7.65 2.1 7.8 7.5	
25			8.1	
26			8.9	
27			9.5	
28			9.9	

5. vv See page 190

Mc Series 768 Chart no 385

Dec V

June 8, 1917

2 — 05 Mc 12553 Ople

5				12559 p203			pc 5.2	$5.05^{2\underline{1}}$ 4.9	4.7	$4.88^{17\underline{15}}$	1.61
6							5.6	$5.45^{2\underline{1}}$ 5.3	5.3	$5.38^{07\underline{05}}$	1.73
8							68	680^{00} 6,8	6.8	6.80^{00}	1.43
9							7.5		7.5	7.50^{00}	1.33
10	3.1 3.0			2.9	3.00^{11}	6.02	7.8		7.7	7.75^{01}	1.27
11	3.6 3.5			3.5	3.55^{01}	6.00	8.3		8.3	8.30^{00}	1.25
12	4.0 3.9	4.00^{00}	4.0	3.85	$3.92^{08\underline{07}}$	5.94	9.0		8.7	8.85^{21}	1.01
13			4.3	4.2	4.25^{10}	6.05	9.3		9.2	9.25^{10}	1.05
14			4.8	4.7	4.75^{01}	5.90	9.8		9.75	$9.78^{02\underline{03}}$	6.87
15			5.2	5.1	5.15^{01}	5.93					
16			5.7	5.5	5.60^{11}	5.80					
17			6.0	5.9	5.95^{01}	5.68					
18			6.5	6.5	6.50^{00}	5.56					
19			6.8	6.7	6.75^{01}	5.67					
20			7.1	7.1	7.10^{00}	5.63					
23			7.7	7.60^{11} 7.5 7.7	7.65^{0505}	5.69					
25			8.3	8.3	8.30^{00}	5.57					
26			8.8	8.9	8.85^{01}	5.48					
27			9.5	9.3	9.40^{11}	5.29					
28			9.9	9.9	9.90^{00}	5.21					

Mc Series 768

SeV

Copied B 16:150
Card

Mc 12554 Carte 9 0 - 16.5

Alt. corr -.22

	Se1	Se2	Carte	ln	magn	PC	Carte	ln	magn
1						6.0		1.57	7.57
2						6.3		1.54	7.84
3	3.2 3.1			6.03	9.23	8.3	8.4011 8.5	1.19	9.59
4	3.4 3.3			6.01	9.41	8.7		1.13	9.83
5	3.7 3.6			6.00	9.70	9.1	9.0011 8.9	1.06	10.06
6		4.7		5.90	10.60				
7		5.3		5.84	11.14				
8		5.7		5.79	11.49				
9		6.0		5.77	11.77				
10		6.80 11 6.9	6.7	5.69	12.49				
11		7.0		5.66	12.66				
12		7.3		5.64	12.94				
13		7.4		5.63	13.03				
14		8.1		5.56	13.66				
15		8.1		5.56	13.66				
16		8.40 11 8.5	8.3	5.53	13.93				
17		8.7		5.49	14.19				
18		9.1		5.42	14.52				
19		9.60 11 9.5	9.7	5.32	14.92				
20		9.9		5.26	15.16				

MC Series 768

DcV

Card

MC 12555 Ref. 9.00 + 5.0

alt corr + 11

	Sc1		Sc2	Ln	magn	pc	Ln	magn
1						4.3	1.75e	6.05
2						7.1	1.41	8,51
3	3.2 3.1			6.03	9,23	7.9	1.29	9,19
4	4.0 3.9	4.05	4.1	5.98	10,03	8.5	1.17	9,67
5			5.0	5.87	10,87	~~9.8~~	~~7~~ 0.85	10,65
6			5.3	5.84	11,14			
7			6,5	5.71	12,21			
8			6,9	5.68	12,58			
9			7.3	5.64	12,94			
10			7.7	5.60	13,30			
11			8.1	5.57	13,67			
12			8.1	5.57	13,67			
13			8.7	5.48	14,18			
14			9.5	5.34	14,86			
15			9.8	5.27	15,07			

MC Series 768

Copied B 10:102

Card

D.V.

alt. corr +.14

MC 12556 Carte 9 0 ± 10

	Sc1		Sc2	Cu	Magn	PC	Cu	magn
1						7.2	1.40	8.60
2						7.7	1.31	9.01
3	9.7 3.6	3.75^{-10}	8.8	6.00	9.75	8.7	8.60^{11} 8.5 1.14	9.74
4	9.3 3.2			6.62	9.32	8.3	1.21	9.51
5	4.0 3.9	4.00^{00}	4.0	5.98	9.98	8.9	1.08	9.98
6.			5.0	5.86	10.86	7		
7			5.4	5.83	11.23			
8			5.8	5.78	11.58			
8a			7.0	5.67	12.67			
9			6.85^{-10} 6.9	6.8 5.68	12.53			
10			7.1	5.65	12.75			
11			7.3	5.64	12.94			
12			7.5	5.63	13.13			
13			7.9	5.59	13.49			
14			8.1	5.56	13.66			
15			7.95^{01} 8.0	7.9 5.59	13.54			
16			8.60^{11} 8.5	8.7 5.55	14.15			
17			8.8	5.47	14.27			
18			9.7	.5.30	15.60			
19			9.9	5.25	15.15			

Mc Series 768

Card.

Sc V

Mc 12557				Dm Ref		g 40 – 5.0			alt. corr .00
	Sc 1		Sc 2	cm	magn	PC	cm	magn	
1						6,2	1.55	7,75	
2						7.7	1.31	9,61	
3			4.3	5.95	10,25	9.3	0.99	10,29	
4	4.1 4.0	4.05^{10}	4.0	5.98	10,63	9.1	1.03	10,13	
5	4.0 3.9	4.00^{00}	4.0	5.97	9.97	9.2	1.00	10.20	
6	1 4.5 4.4	$4.60^{\pm 1}$	4.7	5.91	10,51	9.7	0.87	10.57	
7			5.3	5.83	11,13				
8			5.3	5.83	11,13				
9			6.2	5.74	11,94				
10			5.6	5.80	11,40				
11			6.3	5.73	12.03				
11a			7.1	5.66	12,76				
12			7.3	5.65	12,95				
13			7.5	5.63	13,13				
14			8.2	$8.10^{\pm 2}$ 8.0 5.56	13,66				
15			8.7	5.49	14,19				
16			8.9	5.45	14.35				
.17			9.3	5.37	14,67				
18			9.5	$9.60^{\pm 1}$ 9.7 5.32	14.92				

Mc Series 768

Sct

Card

Mc 12558 Dm Ref 9 50 * 17.5

alt. corr -.25

	Sc1	Sc2	Cu	magn	pc	Cu	magn
1					7.1	1.41	8.51
2					7.7	1.31	9.01
3	3.1 3.0		6.03	9.13	8.2011 8.3	8.1 1.23	9.43
4	3.3 3.2		6.03	9.33	8.3	1.21	9.51
5	3.6 3.5		6.00	9.60	8.7501 8.8	8.7 1.11	9.86
6		4.8	5.89	10.69	9.8	0.86	10.66
7		5.3	5.84	11.14			
8		6.3	5.73	12.03			
9		6.3	5.73	12.03			
10		6.3	5.73	12.03			
11		6.9	5.68	12.58			
12		7.1	5.66	12.76			
13		7.7	5.60	13.30			
14		7.9	5.59	13.49			
15		8.1	5.57	13.67			
16		8.5	5.52	14.02			
17		8.9	5.45	14.35			
18		9.1	5.43	14.53			
19							

Mc Series 768

ScV

Mc 12559 Ple

	Sc1		Sd2	Pc
5				4.7
6				5.3
8				6:8
9				7.5
10	2.9 2.8			7.7
11	3.5 3.4			8.3
12	3.8 3.7	3.85 01	3.9	8.7
13			4.2	9.2 9.75-1.0
14			4.7	9.7 9.8
15			5.1	
16			5.5	
17			5.9	
18			6.5	
19			6.7	
20			7.1	
23			7.7	
25			8.3	
26			8.9	
27			9.3	
28			9.9	

See page 197

3! 55

MC Series 661

Slit no 387

June 16, 1917

Se V

11 – 50

MC 10819 Pole.

	Se1		Se2	10824 P208				PC			
5								5.2	4.9	5.05^{21}	1.44
6								5.7	5.4	5.55^{12}	1.56
8								7.1	7.0	7.05^{10}	1.18
9								7.9	7.7	7.80^{11}	1.03
10	3.3 3.2	3.45^{12}	3.6 3.5		3.2	3.32^{1312}	5.70	8.1	8.0	8.05^{10}	0.97
11	3.9 3.8	3.90^{00}		3.9	3.5	3.70^{2020}	5.85	9.0	8.9	8.95^{01}	0.60
12				4.3	3.90	4.10^{2020}	5.76	9.5	9.3	9.40^{11}	0.46
13				4.7	4.3	4.50^{22}	5.80	9.9	9.8	9.85^{10}	0.45
14				5.2	4.9	5.05^{21}	5.60				
15				5.7	5.3	5.50^{22}	5.58				
16				6.1	5.9	6.00^{11}	5.40				
17				6.3	6.1	6.20^{11}	5.43				
18				7.1	6.7	6.90^{22}	5.16				
19				7.3 7.5 7.40^{21}	7.1	7.26^{21}	5.17				
20				7.9	7.60	7.75^{12}	4.98				
23				8.7 8.3 8.50^{22}	8.3	8.40^{1010}	4.94				
25				9.1	9.0	9.05^{10}	4.82				
26				9.8	9.75	9.78^{0203}	[illegible].55				

MC Series 661

Sc V

June 16, 1917

Card

MC 10820 NGC 6633 18 20 + 5.0

Rel. corr + 0.11

	Sc 1		Sc 2	Cn	magn	PC	Cn	magn
1						6.1	1.40	7,50
1a						6.2	1.39	7,59
1b						7.1	1.18	8,28
2						6.60^{11} 6.5 6.7	1.30	7.90
2a						7.20^{11} 7.3 7.1	1.15	8,35
3						7.3	1.13	8,43
3a						7.3 ?	1.13	8.43
4						8.40^{11} 8.3 8.5	0,83	9,23
4a	3.4 3.3			5.83	9,23	8.85^{10} 8.9 8.8	0.67	9.52
4b	3.8 3.7	3.85^{01}	3.9	5.80	9,65	9.0	0,62	9.62
5	4.1 4.0	4.15^{10}	4.2	5.77	9,92	9.1	0.58	9,68
5a	4.2 4.1	4.20^{00}	4.2	5.76	9,96	9.3	0.53	9.83
5b	4.4 4.3	4.35^{01}	4.3	5.75	10,10	9.65^{21} 9.8 9.5	0.45	10,10
6			4.8	5.68	10,48			
7			5.4	5.56	10,96			
8			5.95^{01} 6.0 5.9	5.43	11,38			
8a			6.00^{11} 6.1 5.9	5,42	11,42			
7a			5.8	5.47	11.27			
9			6.8	5,23	12,03			
9a			6.7	5.25	11,95			
10			7.1	5.16	12,26			
11			7.3	5.12	12,42			
11a			7.5	5.08	12,58			
12			8.0	5.00	13,00			
14			9.1	4.76	13,86			
15			10.0? ft.	4.68	14,60			
13			8.5	4.87	13,37			

MC Series 661 : Card.

Sc V

June 16, 1917

MC 10821 M25 18 20-20

Alt. corr -0.32

	Sc1		Sc2	Cm	magn	PC		Cm	magn	
1						7.1		1.18	8.28	
2	3.5 3.4			5.82	9.32	?				Two images close together –
3	3.9 3.8	3.95^{-10}	4.0	5.80	9.75	9.3	9.15^{-12} 9.0	0.56	9.71	
4			43	$4.40^{1'}$ 4.5 5.74	10.14	9.8		0.40	10.20	
5			4.9	5.67	10.57					
6			5.3	5.58	10.88					
7			5.7	5.50	11.20					
8			6.8	5.23	12.03					
9			6.9	5.22	12.12					
10			7.2	5.15	12.35					
11			7.3	5.13	12.43					
12			7.7	5.04	12.74					
13			7.9	5.00	12.90					
14			8.2	4.95	13.15					
15			8.5	4.88	13.38					
16			8.9	$8.80^{'1}$ 8.7 4.83	13.63					
17			8.7	4.85	13.55					
18			9.0	4.78	13.78					
19			9.3	4.73	14.03					
20			F							

MC Series 661

Copied B7:138

ScV

June 16, 1917

Card

MC 10823 125 19 13 – 15

ad. corr −0.17

	Sc1	Sc2	Cu	Magn	PC	Cu	Magn
1	3.3 3.2		5.83	9,13	8.8	0.69	9.49
2	4.4 4.3		5.74	10,14	9.7	0.43	10.13
3		4.8	5.68	10,48			
4		5.7	5.50	11,20			
5		6.1	5.39	11,49			
6		6.2	6.30±1 6.4 5.35	11,65			
7		6.9	5.22	12,12			
8		7.2	5.15	12,35			
9		7.7	7.80±1 7.9 5.03	12,83			
10		7.9	5.00	12,90			
11		8.3	4.93	13,23			
12		8.7	4.85	13,55			
13		9.1	4.76	13,86			
14		9.3	9.40±1 9.5 4.70	14,10			
15		10.0	4.60	14,60			

Mc Series 661

Sc1

June 16, 1917

~~2 — 40~~

Mc 10824 Pole

	Sc1		Sc2		PC
5					4.9
6					5.4
8					7.0
9					7.7
10	3.2 3.1				8.0
11	3.5 3.4				8.9
12	3.9 3.8	3.90^{00}	3.9		9.3
13			4.3		9.8
14			4.9		
15			5.3		
16			5.9		
17			6.1		
18			6.7		
19			7.1		
20			7.60^{11} 7.7	7.5	
23			8.3		
25			9.0		
26			9.75^{10} 9.7	9.8	

1 — 40

See page 204

Mc Series 738

Se V

Sept 7, 1917

2:45

Mc 12049

	Se1		Se2	12054 p 214			PC			
5							6.1	5.25	42 43 5.68	0.81
6							6.5	5.75	~~37~~ 38 6.13	0.98
8							7.8	7.20	30 30 7.50	0.73
9							8.5	7.90	30 30 8.20	0.63
10	3.4 3.3			2.90	25 25 3.15	5.87	8.5	8.15	18 17 8.32	0.70
11	4.2 4.1	4.20 0 0	4.2	3.45	38 37 3.82	5.73	8.9	8.75	08 07 8.82 ~~8.8~~	0.73
12	4.5 ~~4.4~~	4.55 1.0	4.6	3.66	~~45~~ 44 4.10	5.76	9.5	9.25	12 13 9.38	0.48
13			4.9	4.22	34 34 4.56	5 ~~4~~.74	9.9	9.85	02 03 9.88	0.42
14			5.3	4.60	35 35 4.95	5 ~~4~~.70				
15			5.7	5.05	32 33 5.38	5.70				
16			6.2	5.40	40 40 5.80	5.60				
17			6.3	5.65	32 33 5.98	5.65				
18			6.9	6.30	30 30 6.60	5.46				
19			7.2	6.50	35 35 6.85	5.57				
20			7.6	6.95	32 33 7.2~~8~~8	5.45				
23			8.4	7.75	32 33 8.08	5.26				
25			9.0	8.50	25 25 8.75	5.12				
26			9.5	8.95	~~18~~ 28 9.23	5.10				
27			10.0	9.50	25 25 9.75	4.94				
				9.95	3 9.95	5.16				

Poor plate

Mc Series 738

Card.

ScV

Sept 7, 1917

Mc 12050 [illegible] 18 – 2.4

Qlt. corr -0.01

	Seq		Seq	Cm	Magn	pc		
1	2.9 2.8			5.86e	8.76e	7.7	0.74	8.44
2	3.2 3.1			5.84	9.04	8.0	0.70	8.70
3	4.3 4.2	4.35 1°	4.4	5.75	10.10	9.0	0.55	9.55
4			4.7	5.71	10.41	9.5	0.46	9.98
5			5.0	5.69	10.69	9.9	0.41	10.31
6			5.3	5.67	10.97			
7			5.7	5.63	11.33			
8			6.1	5.59	11.69			
9			6.4	5.55	11.95			
10			6.8	5.50	12.30			
11			7.0	5.49	12.49			
12			7.4	5.42	12.82			
13			7.5	5.40	12.90			
14			7.90 1 1 8.0 7.85	5.34	13.24			
15			7.9	5.34	13.24			
16			8.2	5.28	13.48			
17			8.4	5.24	13.64			
18			8.80 1 1 8.7 8.9	5.17	13.97			

Seq near edge of plate.

MC Series 738

ScV

Sept 7, 1917

Cand.

alt. corr + 0.18

MC 12051 6 20 + 25

	Sc1	Sc2	Ch	magn	PC		
1	B				5.4 .		
2	B				6.3	0.87	7.17
3	2.3 2.1		.		7.5	0.76	8.26
4	2.5 2.4		.		7.95 10 7.9 8.0	0.70	8.65
5	3.0 2.9		5.85	8.85	w.s ~~8.7~~ 8.4	0.64	9.04
6	3.8 3.7	3.85 .01 3.9	5.80	9.65	9.4	0.49	9.89
7	3.5 3.4		5.83	9.33	9.2	0.52	9.72
8		5.0	5.70	10.70			
9		5.4	5.66	11.06			
10		6.3	5.57	11.87			
11		6.8	5.50	12.30			
12		7.0	5.49	12.49			
13		7.7	5.38	13.08			
14		8.2	5.29	13.49			
15		8.6	5.20	13.80			
16		8.9	5.15	14.05			
17		9.40 .11 9.3 9.5	5.07	14.47			
18		9.40 .11 9.5 9.3	5.07	14.47			

Mc Series 738

Sc V Sept 7, 1917 Cand.

Mc 12052 0 38 + 30 W U Cand Dlt corr +0.19

	Sc d			Sc 2 Ch	magn	P.C		
1	3.0 2.9			5.85	8.85	8.5	0.63	9.13
2	3.4 3.3			5.83	9.23	9.10'1 9.2	9.0 0.53	9.63
3	3.4 3.3			5.83	9.23	9.3	0.50	9.80
4	4.0 3.9	4.00°°	4.0	5.79	9.79	10.0 ?	ft. 0.40	10.40
5			4.9	5.70	10.60			
6			5.3	5.66	10.96			
7			5.3	5.66	10.96			
8			5.8	5.75^{01} 5.7 5.63	11.38			
9			5.9	5.60	11.50			
10			6.3	5.56	11.86			
11			6.5	5.54	12.04			
12			6.7	5.52	12.22			
13			7.0	5.48	12.48			
14			7.3	5.44	12.74			
15			7.5	5.40	12.90			
16			7.8	5.36	13.16			
17			8.00^{11} 8.1 7.9	5.32	13.32			
18			8.4	5.23	13.63			
19			8.9	5.15	14.05			
20			9.8	5.00	14.80			

MC Series 738

SeV

Sept 7, 1917

MC 12053 | 1 0 + 67.5 | DM Ref | Alt. corr + 0.16 + 01

						PC	Cu	Magn
1	B			Cu	Magn	5.3	0.94	6.24
2	B					7.1	0.80	7.90
3	2.4 2.3					7.3	0.78	8.08
4	2.9 2.8			5.86e	8.76e	7.8	0.72	8.52
5	3.1 3.0			5.85	8.95	8.3	8.20'' 8.1 0.67	8.87
6	3.4 3.3			5.84	9.24	w.s ~~8.9~~ .7	8.7 0.60	9.30
7	4.5 4.4	4.60''	4.7	5.73	10.33	F		
8			5.3	5.67	10.97			
9			5.7	5.63	11.33			
10			6.5	5.54	12.04			
~~11~~ 11 ar			~~6.5~~ 7.2	5.46	12.66			
12			7.3	5.45	12.75			
13			7.7	5.38	13.08			
14			8.0	5.31	13.31			
15			8.3	5.27	13.57			
16			8.7	5.19	13.89			
17			9.0	5.13	14.13			
18			9.3 9.40'' 9.5	5.07	14.47			
19			9.5	5.04	14.54			

2 marked 11 – Reject – 10!: ?

Mc Series 738

ScV

Sept 7, 1917

Take mean of these figures and those on p. 215 before combining with those on p. 209

Mc 12054 Pole

	Se1	Se2	12054 p215	Pe
5				5.2 5.3 5.25^{01}
6				5.8 5.7 5.75^{01}
8				7.1 7.3 7.20^{11}
9				7.90^{11} 7.8 8.0 7.9 7.90^{0000}
10	3.0 2.9		2.8 2.90^{11}	8.20^{11} 8.1 8.3 8.1 8.15^{0505}
11	3.4 3.3		3.5 3.45^{01}	8.8 8.7 8.75^{012}
12	3.6 3.5 3.65^{01}	3.7	3.70 3.68^{0302}	9.3 9.2 9.25^{10}
13		4.3	4.15 4.22^{0801}	9.9 9.8 9.85^{10}
14		4.7	4.5 4.60^{11}	
15		5.1	5.0 5.05^{10}	
16		5.4	5.4 5.40^{00}	
17		5.7	5.6 5.65^{10}	
18		6.3	6.3 6.30^{00}	
19		6.5	6.5 6.50^{00}	
20		6.9	7.0 6.95^{10}	
23		7.7	7.8 7.75^{10}	
25		8.5	8.5 8.50^{00}	
26		8.9	9.0 8.95^{10}	
27		9.5	9.5 9.50^{00}	
28		10.0	9.9 9.95^{01}	

See page 209 4; 15

MC Series 738

DeV

Sept 10, 1917

ll w MC 12054 Pole

Take mean of this and previous measure Sept. 7 p. 214
Reduce Plates 12055, 12057, 12058, pages 216 & 218, from same curve as measures on pp 209-214

				PC
5				5.3
6				5.7
8				7.3
9				7.9
10	2.8 2.7			8.1
11	3.5 3.4			8.7
12	3.7 3.6	3.70 °°	3.7	9.2
13	4.1 4.0	4.15 -1°	4.2	9.8
14			4.5	
15			5.0	
16			5.4	
17			5.6	
18			6.3	
19			6.5	
20			7.0	
23			7.8	
25			8.5	
26			9.0	
27			9.5	
28			9.9	

See page 214

MC Series 738

Copied B9a:138

Sc V

Sept 10, 1917

Card.

MC 12055 bl. Persei 2 15 + 57.5 Alt. corr + 0.21

	Sc 1		Sc 2	Cu	Magn	PC				
1	B					5.3	0.94	6.24	21	9.9 ? 4.99 14.89?
1a	B					5.7.	0.91	6.61	22	n.s
2	B.					5.9	0.90	6.80	23	
3	B					6.7	0.83	7.53	24	
4	1.9 2.70					7.0	0.80	7.80		
5	2.8 2.7	26 25		•		Sup. on br. object				
Var. 5a										
6	3.3 3.2			5.83	9.13	8.7	0.60	9.30		
6a	3.6 3.5			5.82	9.42	9.15^{01} 9.2	9.10.52	9.67		
7	3.7 3.6			5.80	9.50	9.0	0.56	9.56		
7a	3.9 3.8	3.90^{00}	3.9	5.80	9.70	Sup?				
8	4.4 4.3	4.35^{01}	4.3	5.75	10.10					
9			4.9	5.70	10.60					
9a			4.7	5.72	10.42					
10			5.1	5.69	10.79					
11			5.5	5.65	11.15					
12			6.2	5.57	11.77					
12a			5.9	5.60	11.50					
13			6.5	5.54	12.04					
14			7.1	5.47	12.57					
15			7.5	5.40	12.90					
16			7.9	5.33	13.23					
17			8.40^{21} 8.3 8.5	5.23	13.63					
17a			8.60^{11} 8.7 8.5	5.20	13.80					
17b			8.3	5.26	13.56					
18			8.7	5.19	13.89					
18a			9.3	5.08	14.38					
18b		ws	~~8.9~~ 9.5	5.05	14.55					
18c			9.5	5.05	14.55					
19			9.5	5.05	14.55					
20			9.8	5.00	14.80					

MC Series 738

SeV Sept 10, 1917 Card.

MC 12057 Dm Ref - ? 39 + 25

Alt. corr − 0.13

	B			Cm	magn	pc	Cm	magn
1	B					7.1	0.80	7.90
2	2.1 2.0			.		7.5	0.75	8.25
3	2.4 2.3			.		7.7	0.73	8.43
4	3.6 3.5			5.82	9.42	8.9	0.57	9.47
5	4.1 4.0	4.10°°	4.1	5.78	9.88	9.40'' 9.3 9.5	0.49	9.89
6			4.4	5.75	10.15	9.8	0.43	10.23
7			4.9	5.70	10.60			
8			5.1	5.69	10.79			
9			5.3	5.67	10.97			
10			5.8	5.62	11.42			
11			6.60'' 6.7 6.5	5.52	12.12			
12			6.5	5.54	12.04			
13			7.20'' 7.3 7.1	5.46	12.66			
14			7.40'' 7.3 7.5	5.43	12.83			
15			7.5	5.41	12.91			
16			7.7	5.37	13.07			
17			8.1	5.30	13.40			
18			8.60'' 8.5 8.7	5.20	13.80			
19			8.9	5.15	14.05			
20			9.20'' 9.1 9.3	5.10	14.30			

MC Series 738

Sc V

Sept 10, 1917

Card.

MC 12058 2. 40 + 60 Dm Ref

Q.A. corr +0.20

	Sc1		Sc2			Pc		
1						6.60±1 6.5 6.7	0.84	7.44
2	2.0 1.9			.		7.2	0.79	7.99
3	2.3 2.2			.		7.5	0.76	8.26
4	2.7 2.6			.		7.9	0.71	8.61
5	3.4 3.3			5.83	9.23	8.8	0.59	9.39
6	3.8 3.7	3.85^{01}	3.9	5.80	9.65	9.1	0.53	9.63
7	4.3 4.2	4.30^{00}	4.3	5.77	10.07	9.8	0.43	10.23
8			4.9	5.70	10.60			
9			5.1	5.69	10.79			
10			5.5	5.65	11.15			
11			5.8	5.62	11.42			
12			6.0	5.60	11.60			
13			6.0	5.60	11.60			
14			6.60±1 6.5 6.7	5.53	12.13			
15			6.7	5.51	12.21			
16			7.1	5.47	12.57			
17			7.60±1 7.7 7.5	5.40	13.00			
18			7.8	5.36	13.16			
19			8.5	5.22	13.72			
20			9.0	5.14	14.14			
21			9.5	5.05	14.55			

12:45

Mc 12059 Ole – Too poor –