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Thursday. Dec. 16, 1915

11.35

~~Scale V~~ ~~Scale M~~ Mc 3735 B8 ~~+ S W Cygni~~ P.C.

	Sc. B	Sc. C	Sc. B	Sc C
1	B		6.9	7.1
2	1.8			7.3
3	1.5		6.7	7.1
4	2.1			7.5
5	2.3			7.7
6	2.3			7.9
7	2.8			8.1
8	2.9			8.5
9	2.9			8.7
10	3.3			8.9
11	3.5			9.1
12	3.5	B		9.5
13	4.2	4.3		9.5
14	4.3	4.5		9.7
15	4.7	4.7		9.9
16	5.3	5.5		F
17	5.5	5.5		
18	6.3	6.3		
19	6.5	6.7		
20	6.7	6.8		
21		7.3		
22		7.5		
23		7.7		
24		8.1		
25		8.7		
26		9.1		
27		9.3		
28		9.5		
29		9.9		

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2

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Scale V		MC 3735		SW Cygni	
		Sc. B	Sc C	Sc B PC	Sc C
	a	2.9			8.7
	b	1.9			8.5
	c	3.7	B		9.3
	d	2.3			8.5
	e	3.7			9.5
	f	3.7	B		9.7
	g	3.9	4.1		9.9
	h	3.5	B		9.7
	k	4.7	4.7		F
	l	4.9	4.9		
	m	5.5	5.5		
	n	4.1	4.3		9.7
	o		7.5		
	p	5.9 ~~6.3~~	5.9		
	q		7.3		
	r		7.9		
	s		8.1		
	T		8.3		
	u		8.9		
	v				
	w		9.3		
	x		9.7		
	y		9.9		
	z		9.9		

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Thursday Dec. 16, 1915

Scale V	Mc. 6213 B8		PC	
	Sc. B	Sc. C	Sc. B	Sc. C
1	B		6.5	6.8
2	1.5		6.8	6.9
3	1.3		6.8	7.1
4	1.9			7.5
5	1.9			7.5
6	2.1 ~~1.9~~			7.5
7	2.5			7.8
8	2.5			7.9
9	2.5			7.7
10	2.7			8.1
11	3.3			8.8
12	3.1			8.8
13	3.5	B		8.9
14	3.7	B		9.1
15	3.8	B		9.1
16	4.5	4.5		9.5
17	5.1	5.3		9.8
18	5.8	6.1		F
19	6.1	6.3		
20	6.3	6.7		
21	6.9	7.1		
22		7.5		
23		7.5		
24		7.8		
25		8.3		
26		8.8		
27		8.9		
28		9.5		
29		9.5		
30		9.9		
31				

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Dec. 16. 1915

Scale v	MC 6213 SW		Cygni PC	
	Scale B	Sc. C	Sc. B	Sc. C ~~7.5~~
a	2.7			8.1 ~~7.5~~
b	2.3			7.5
c	3.5			8.1
d	2.7			7.7
e	3.9	4.1		9.1
f	3.8	B		9.1
g	4.9	5.3		9.7
h	4.3	4.5		9.1
K	4.9	5.3		9.9
l	6.3	6.3		F
m	6.5	6.8		
n	5.1	5.5		
o		7.5		
p		7.5		
q		7.5		
r		7.7		
s		8.1		
t		8.3		
u		8.5		
w		8.9		
x		9.3		
y		9.5		
z		9.9		

1.30

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9.50
~~10.10~~

Saturday, Dec. 18, 1915

Pl. Sheet No 242

Scale m mc 3869 Pole

	Sc.1		Sc.2	mc 3874				Diff.	Sc.1	P.C.	Sc.2	mc 3874				Diff.
				mc 3874												
5	B			B	.		.		5.3 (5.5)	5.50 00	5.5	5.50	5.50	00	00	0.99
6	B			1.3			5.81		6.3 (6.5)	6.50 00	6.5	6.00	6.25	25	25	0.86
7				.			.					.	.			.
8	2.5 (2.7)			2.3	2.50	2	2	5.73			7.5	7.5	7.50	0	0	0.73
9	2.7 (2.9)			2.7	2.80	1	1	6.03			7.9	7.8	7.85	1	0	0.98
10	3.1 (3.3)			3.3	3.30	0	0	5.72			8.1	8.1	8.10	0	0	0.92
11	3.7 (3.9)		B	3.9	3.90	0	0	5.65			8.8	8.7	8.75	0	1	0.80
12	3.9 (4.1)	4.20 1 1	4.3	4.20	4.20	00	00	5.66			9.1	8.8	8.95	1	2	0.91
13	4.8 (5.0)	5.05 0 1	5.1	5.00	5.02	03	02	4.70 (5.28)			9.5	9.3	9.40	1	1	0.90
14	5.5 (5.7)	5.70 0 0	5.7	5.50	5.60	10	10	5.05			9.8	9.5	9.65	2	1	1.00
15	6.1 (6.3)	6.30 0 0	6.3	5.95	6.12	18	17	4.96			F	7.	.			.
16	6.5 (6.7)	6.60 1 1	6.5	6.50	6.55	05	05	4.85								
17	6.8 (7.0)	6.90 1 1	6.8	6.95	6.92	02	03	4.71								
18			7.5	7.3	7.40	1	1	4.66								
19			7.7	7.5	7.60	1	1	4.82								
20			7.9	7.8	7.85	1	0	4.88								
23			8.5	8.5	8.50	00		4.84								
25			8.8	8.8	8.80	00		5.07								
21			9.3	9.3	9.30	00		5.03								
27			9.5	9.5	9.50	00		5.19								
28			9.8	9.9	9.85	01		5.26								

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Scale m | MC 3870 | Z Hercules | P.C

	Sc.1	Sc.2	Cu.	Magn	Sc.1		Sc.2	Cu	
a	1.5 1.3		5.94	7.44	6.1 5.9	6.10 00	6.1	0.89	6.99
b	1.7 1.5		5.94	7.64	6.7 6.5	6.75	6.8	0.84	7.59
b'	2.3 2.1		5.91	8.21			7.5	0.85	8.35
b²	2.9 2.7		5.86	8.76			7.8	0.88	8.68
c	1.8 1.1 B		5.92	7.22	6.5 6.3	6.30 2 ½	6.1	0.89	6.99
d	3.1 2.9		5.83	8.93			8.3	0.94	9.24
e	3.5 3.3 ~~3.5~~		5.73	9.23			8.5	0.97	9.47
f	3.7 3.5	B	5.67	9.37			8.7	1.02	9.72
g	5 4.5	5.60 1 ½ 5.5	5.06	10.76			9.5	"	"
h	5.9 5.7	5.90 00 5.9	5.00	10.90			Fi	"	"
k	6.9 6.7	6.90 00 6.9	4.84	11.74					
l		7.5	4.82	12.32					
m		7.9	4.85	12.75					
n		8.5	4.94	13.44					
o		8.7	4.97	13.67					
p		8.8	4.99	13.79					
q		9.7	5.24	14.94					
r		Fi	"	"					

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Oct 18

Scale m mc 3872 RR Draconis P.C

	Sc.1		Sc.2	Cw.	Sc.1	Sc2			
a	2.3 2.1			5.91	8.21	7.9	7.3	0.84	8.14
a'	4.3 4.1	4.30 00	4.3	5.48	9.78	9.1	.	.	
b	3.9 3.4 4.1	4.10 00	4.1	5.55	9.65	8.7		1.02	9.72
c	4.0 3.8	4.05 01	4.1	5.56	9.61	8.5		0.97	9.47
d	4.3 4.1	4.30 00	4.3	5.48	9.78	8.9	.	.	
e	5.3 5.1	5.30 00	5.3	5.16	10.46	9.5	.	.	
e'	4.9	5.20 11	5.3	5.19	10.39	9.7	.	.	
f	5.9 5.7	5.85 10	5.8	5.01	10.86	F	.	.	
f'	6.7 6.5	6.60 11	6.5	4.86	11.46	F	.	.	
g			7.9	4.85	12.75				
h			7.3	4.83	12.13				
k			7.7	4.84	12.54				
l			7.9	4.85	12.75				
m			8.3	4.89	13.19				
n			8.3	4.89	13.19				
o			8.8	4.99	13.79				
o'			8.8	4.99	13.79				
o^2			9.1	5.05	14.15				
o^3			9.5	5.18	14.68				
p			9.7	5.24	14.94				
q			9.8	5.28	15.08				

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Saturday Dec. 18, 1915

Scale m	MC 3874 Sc.1		MC 3874 Sc.2	Pole	P.C Sc.1		P.C Sc.2
5	B				5.3 (55)	5.50 00	5.5
6	1.3 1.1				5.9 (61)	6.00 1/	5.9
8	2.3 2.1						7.5
9	2.7 2.5						7.8
10	3.3 3.1		B				~~8.3~~ 8.1
11	3.9 3.7		B				8.7
12	4.1 3.9	4.20 1/	4.3				8.8
13	4.9 4.7	5.00 1/	5.1				~~8.8~~ 9.3
14	5.5 5.3	5.50 00	5.5				9.5
15	6.0 5.8	5.95 01	5.9				F
16	6.5 6.3	6.50 00	6.5				
17	7.0 6.8	6.95 01	6.9				
18			7.3				
19			7.5				
20			7.8				
23			8.5				
25			8.8				
26			9.3				
27			9.5				
28			9.9				

11.30

Sept 5

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11.20 Monday, Dec 20, 1915 Pl. Sheet No 242.

Scale m mc 3874 pole

	Sc 1		Sc 1	mc 3880 p.13				Diff	Sc 1	PC	Sc 2	mc 3880 p.13			Diff
5	B			B	B			.	5.3	5.50 0 0	5.5	5.60	5.55	05 05	0.94
6	1.5 1.3			1.5	1.50	0 0		5.61	5.8	6.15 2 1	6.3	6.30	6.22	07 08	0.89
7				.				.					.		.
8	2.3 2.1			2.5	2.40	1 1		5.83			7.5	7.7	7.60	1 1	0.63
9	2.9 2.7			2.7	2.80	1 1		6.03			7.8	7.9	7.85	0 1	0.98
10	3.7 3.5		B	3.3	3.50	2 2		5.52			8.3	8.1	8.20	1 1	0.82
11	3.9 3.7		B	3.7	3.80	1 1		5.75			8.7	8.5	8.60	1 1	0.95
12	4.0 3.8	4.05 0 1	4.1	4.00	4.02	03 02		5.84			8.9	8.9	8.90	0 0	0.96
13	4.7 4.5	4.90 2 2	5.1	4.90	4.90	0 0	0 0	5.40			9.3	9.5	9.40	1 1	0.90
14	5.7 5.5	5.60 1 1	5.5	5.40	5.50	10 10		5.15			9.5	9.7	9.60	1 1	1.05
15	6.0 5.8	5.90 1 1	5.8	5.90	5.90	0 0	0 0	5.18			9.9	9.9	9.90	0 0	1.18
16	6.5 6.3	6.50 0 0	6.5	6.30	6.40	10 10		5.00				9.	.		.
17	6.7 6.5	6.70 0 0	6.7	6.70	6.70	0 0	0 0	4.93							
18			7.3	7.10	7.20	10 10		4.86							
19			7.7	7.5	7.60	1 1		4.82							
20			7.8	7.8	7.80	0 0		4.93							
23			8.5	8.5	8.50	0 0		4.84							
25			8.8	8.9	8.85	0 1		5.02							
26			9.3	9.3	9.30	0 0		5.03							
27			9.5	9.5	9.50	0 0		5.19							
28			9.9	9.8	9.85	1 0		5.26							

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Alt +18

Scale m

MC 3875 W Delphini

Superseded. See page 7 P.C

	Sc.1		Sc.2	Cw.	Magn	Sc.1	Sc.2	Cw	Magn
a	23 2.1			584	8.14		7.5	079	8.29
b	27 2.5			580	8.50		7.9	081	8.71
c	37 3.5			564	9.34		8.8	091	9.71
e	5.0 4.8	5.15 2½ 1	5.3	530	10.45		F	,	,
e'	40 3.8	4.05 0 1	4.1	557	9.62		9.39.1	101	10.31
f^2			7.3	488	12.18				
f^3			7.5	486	12.36				
g	65 6.3	6.50 0 0	6.5	500	11.50				
h	67 6.5	6.70 0 0	6.7	496	11.66				
k			7.3	488	12.18				
l			7.8	486	12.66				
l^2			8.9	498	13.88				
n			9.3	510	14.40				
o			9.5	518	14.68				
p			9.7	524	14.94				
q			9.8	529	15.09				

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Monday, Dec. 20, 1915 — Cofried.

Alt +17

Scale m — MC 3877 — R X Draconis pc

	Sc.1	Sc.2	Cw.	Magn	Sc.1	Sc.2	Cw.	Magn
a	5.3 5.5 550 00	5.5	5.21	10.71		9.5	1.05	10.55
b	4.5 4.7 475 1.0	4.8	5.40	10.15		9.3	1.01	10.31
c	~~4.8~~ 5.8 6.0 590 1.1	5.8	5.11	11.01		9.8	1.14	10.94
d	~~4.8~~ 5.3 5.5 540 1.1	5.3	5.24	10.64		9.5	1.08	10.55
e	6.7 6.9 680 1.1	6.7	4.94	11.74		F	.	.
f	6.9 7.1 700 1.1	6.9	4.91	11.91		F	.	.
g		7.3	4.88	12.18				
h		7.5	4.86	12.36				
k		7.7	4.86	12.56				
l		8.5	4.90	13.40				
m		8.7	4.94	13.64				
n		8.8	4.96	13.76				
o		8.9	4.98	13.88				
p		9.1	5.03	14.13				
q		9.3	5.10	14.40				
r		9.7	5.24	14.94				
s		9.9	5.34	15.24				
α	2.1 2.3		5.84	8.14				
β	2.5 2.7		5.80	8.50		7.9	0.80	8.70
γ	3.5 3.7		5.64	9.34		8.5	0.86	9.36

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Alt +2.1

Scale m — MC. 3878 — S W Cygni

	Sc.1		Sc.2	Cw.	Magn	Sc.1	P.C	Sc.2	Cw.	Magn
a	2.9 2.7			578	8.68			8.1	0.82	8.92
b	2.3 2.1			584	8.14	7.1 6.9	7.10 0 0	7.1	0.79	7.89
c	3.7 3.5			564	9.34			*~~8.7~~ 7.9	~~0.80~~ 0.93	~~8.70~~ 9.83
d	2.7 2.5			580	8.50			7.7	0.79	8.49
e	3.9 3.7			560	9.50			8.8	0.91	9.71
f	4.0 3.8		B	557	9.57			9.1	0.97	10.07
g	4.9 4.7	4.90 0 0	4.9	536	10.26			9.7	1.11	10.81
h	3.9 3.7	4.00 ± 1	4.1	557	9.57			9.3	1.01	10.31
k	5.3 5.1 ~~4.9~~	5.20 ± 1	5.1	529	10.49			9.9	1.16	11.06
l	6.1 5.9	6.10 0 0	6.1	506	11.16					
m	6.9 6.7	6.80 ± 1	6.7	494	11.74					
n	~~6.9 6.8~~		7.1 ~~7.3~~	.	.					
o	7.0 6.8	7.05 0 0	7.1	491	11.96					
p	7.0 6.8	6.95 0 1	6.9	492	11.87					
q			7.5	486	12.36					
r			8.1	487	12.97					
s			8.3	489	13.19					
t			8.5	490	13.40					
u			8.7	494	13.64					
w			9.1	503	14.13					
x			9.3	510	14.40					
y			9.7	524	14.94					
z			F	.	.					
n'	6.3 5.1	6.30 0 0	5.3	526	10.56					

Remeasured Lo. Feb. 8, 1916

P. C.

b = 7.5

* c = 8.7 evidently wrong unit in above mention measure

e = 8.9

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Monday, Dec. 20, 1915

Scale m MC 3880 Pole plate

	Sc. 1	Sc 2		P.C Sc. 1		Sc. 2
5	B			5.5	5.60 11	5.5
6	1.3			6.1	6.30 00	6.3
7						
8	2.3					7.7
9	2.5					7.9
10	3.1	B				8.1
11	3.5	B				8.5
12	3.7	4.00 11	4.1			8.9
13	4.8	4.90 11	4.8			9.5
14	5.1	5.40 11	5.5			9.7
15	5.8	5.90 11	5.8			9.9
16	6.1	6.30 00	6.3			F
17	6.5	6.70 00	6.7			
18	6.9	7.10 00	7.1			
19			7.5			
20			7.8			
23			8.5			
25			8.9			
26			9.3			
27			9.5			
28			9.8			

1, 35

See p. 9

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Tuesday, Dec 21, 1915

11.20

Scale R

Pleiades Mc 7450

P.C

	Sc.1	Sc 2	Sc.1	Sc 2
1			8.3 8.6 8.65 o1	8.7
2	B			9.3
3				9.5
4				9.9
5	B			10.3 ~~9.3~~
6	1.3	1.6		10.5
7	1.9	2.2		11.5
8	2.8	3.1		11.5
9	3.1	3.4		12.3
10	4.9	5.2		12.5
11	5.9	6.2		13.1
12	6.5	6.8		13.1
13	7.1	7.4 7.9		13.3
14	7.3 ~~7.5~~	~~7.5~~		13.3
15	7.3	B 7.6		13.8
16	7.7	8.0		T
17	8.5 8.8 8.75 o1	8.7		T
18		9.5		
19		10.3		
20		10.3		
21		10.5		
22		10.8		
23		11.1		
24		11.3		
25		11.5		
26		10.9		
~~27~~		12.7		
assume wrong unit	28	3 12.3		

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Tuesday, Dec 21, 1915

Scale R Pleiades MC 7450 (cont)

	Sc 1	Sc 2	
29		12.1	
30 T		~~12.5~~	13.5
29a		12.7	

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Tuesday, Dec. 21, 1915

Scale R

Pleiades mc 7450

Diff. Images

#	g Sc.1	g Sc.2	h Sc.1	h Sc.2	mean.	g Sc.1 (Pc)	g Sc.2 (Pc)	h Sc.1	h Sc.2	Mean
1.	6.7	7.0	6.5	6.8	6.90 ±1		12.1		12.3	12.20 ±1
2	7.5	7.8	7.5	7.8	7.80 00		F			
3	7.8	~~8~~ 8.1	7.9	8.2	8.15 ±0		F			
4	8.1	8.4 ~~8~~ 8.3	8.1	8.4 8.5	8.40 0±01					
5	8.7	9.0 8.9	8.7	9.0 8.9	8.95 0±01					
6		9.3		9.5	9.40 ±1					
7		10.5		10.8	10.65 ±2					
8		11.5		11.7	11.60 ±1					
9		11.9		11.8	11.85 ±1					
10		12.7		12.8	12.75 ±0					
11		13.3		13.3	13.30 00					
12.		13.5		13.5	13.50 00					
13.		13.7		13.5	13.60 ±1					
14.		13.7		F	13.7 ±1					
15.		13.9		13.9	13.90 00					
16.		13.9		13.7	13.80 ±1					
17.		F		F						12.10

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Cepheid.

12.50

Tuesday, January, 18, 1916

Alt. +.18

Scale m

MC 3875 W Delphini updated (see page 10)

	Sc.1		Sc.2	Diff from p.10	Mean	Curr	Magn	PC	Sc.2	Mean		
a	2.1 2.3			0	2.30	5.82	8.14		7.5	7.50	0.79	8.29
b	2.7 2.9			2	2.80	5.80	8.60		8.1	8.00	0.81	8.81
c	3.5 3.7		B	0	3.70	5.63	9.33		8.5	8.65	0.89	9.54
d	4.5 4.7	4.80	4.9	.	4.80	5.40	10.20		9.5	9.5	1.06	1056
e	5.1 5.3	5.40	5.5	25	5.28	5.27	10.55		F	.		
f	5.9 6.1	6.00	5.9	.	6.00	5.09	11.09					
f'	6.5 6.7	6.75	6.8	.	6.75	4.94	11.69					
f2			7.3	0	7.30	4.88	12.18					
f3			7.7	2	7.60	4.87	12.47					
g	6.3 6.5	6.50	6.5	0	6.50	5.00	11.50					
h	6.5 6.7	6.75	6.8	0	6.72	4.95	11.67					
k			7.5	2	7.40	4.87	12.27					
l'			7.8	0	7.80	4.87	12.67					
l2			8.9	0	8.90	4.98	13.88					
m			8.9	.	8.9	4.98	13.88					
n			9.3	0	9.30	5.11	14.41					
o			9.5	0	9.50	5.17	14.67					
p			9.7	0	9.70	5.25	14.95					
q			9.8	0	9.80	5.30	15.10					
e'	3.9 4.1			1	4.08	5.57	9.65		9.3	9.30	1.02	10.32

Remeasured on account of misses of stars d, f, f', and m. Adopt magnitudes on this page

1.15

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1915phae.proj.1020L

11.05 Wednesday, January 19, 1916 Sheet No 251

Scale m MC 6213 B8 + SW Cygni

	Sc.1		Sc.2	Diff	Sc.1 PC		Sc.2	Diff.
1	1.7 1.5			5.55	6.9 6.7	7.00 L 1	7.1	0.25
3	1.9 1.7			5.72	7.1 6.9	7.10 0 0	7.1	0.57 2
5	2.3 2.1			5.78			7.5	0.58
6	2.5 2.3			5.64	nearly sup.			
7	2.9 2.7			5.80			8.1	0.60
9	3.0 2.8			5.88			8.3	0.58
11	3.7 3.5		B	5.65			8.5	0.85
12	3.9 3.7	4.00 L 1	4.1	5.46			8.9	0.56
13	4.5 4.3	4.50 0 0	4.5	5.25			9.1	0.65
14	4.5 4.3	4.50 0 0	4.5	5.35			9.3	0.55
16	5.1 4.9	5.10 0 0	5.1	5.17			9.5	0.77
18	6.3 6.1	6.20 1 1	6.1	4.85			F	.
19	6.5 6.3	6.65 1 2	6.8	4.61				
20	6.7 6.5	6.75 1 0	6.8	4.79				
21			7.3	4.66				
22			7.5	4.72				
23			8.1	4.50				
24			8.1	4.99				
25			8.3	5.13				
26			8.9	4.96				
27			8.9	5.18				
28			9.3	5.20				
29			9.5	5.50				
30			9.9	5.36				
31			N.S	.				
17	5.5	5.50 0 0	5.5	5.02			9.7	0.82

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Wednesday, Jan. 19, 1916

Scale m mc 6213 SW Cygni Alt +23

	Sc.1	Sc 2	Cu.	Magn	Sc.1	PC.	Sc 2	Cu.	Magn
a	3.1 2.9	B	5.72	8.82			8.3	0.59	8.89
b	2.7 2.5	B	5.73	8.43			7.8	0.55	8.35
c	4.3 4.1 440 1 1	4.5	5.36	9.76			* 9 8.3	0.75 ~~0.59~~	10.05 ~~8.89~~
d	3.5 3.3	B	5.66	9.16			8.1	0.57	8.67
e	4.7 4.7 460 1 1	4.5	5.30	9.90			9.1	0.71	9.81
f	4.1 3.9 420 1 1	4.3	5.43	9.63			9.1	0.71	9.81
g	5.5 5.3 565 1 2	5.8	5.00	10.65			J.P	"	"
h	* * 5.5 5.3 45 4.80 ~~5.30~~	5.1 24	~~5.10~~ 5.40	10.40			9.3	0.75	10.05
k	5.5 5.3 550 0 0	5.5	5.03	10.53			9.5	0.80	10.30
l	6.5 6.3 650 0 0	6.7 5	4.79	11.29			F	"	"
m	7.0 6.8 ~~6.5~~ 705 0 1	7.1	4.72	11.77					
n	5.7 5.5 560 1 1	5.5	5.00	10.60			9.5 ~~8.5~~	0.80	10.30
o		7.8	4.76	12.56					
p		7.3	4.73	12.03					
q		7.9	4.78	12.68					
r		8.3	4.90	13.20					
s		8.3	4.90	13.20	Remeasured Lo. Feb. 8, 1916				
T		8.5	4.98	13.48	P.C.				
u		8.8	5.10	13.90	b		7.7		
+			"		c		* 8.9	Reject above measure wrong image measured	
w		9.1	5.22	14.32	e		9.1		
x		9.3	5.30	14.60	star g	5.3			
y		9.3	5.30	14.60	h	4.5	4.8	evidently wrong unit in above measure	
z		9.7	5.38	15.08	k.	5.3			

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Wednesday, Jan. 19, 1916 — Sheet No 251

Salem — MC 6636 — B 8

	Sc.1		Sc.2	Diff
1	1.1			595
3	1.3			612
5	1.7			618
6	1.9			604
7	2.5			600
9	2.5			618
11	3.1			605
12	3.5			576
13	3.5		B	605
14	3.7		B	595
16	4.3	4.50 0 0	4.5	577
17	4.9	5.10 0 0	5.1	542
18	5.7	5.70 2 2	5.5	535
19	5.9	6.00 1 1	5.9	526
20	6.1	6.20 1 1	6.1	534
21	6.7	7.00 1 1	7.1	496
22	6.9	7.10 0 0	7.1	512
23			7.5	510
24			8.1	499
25			8.3	513
26			8.5	536
27			9.1	498
28			9.1	540
29			9.5	550
30			9.7	556
31			9.8	570

PC

Sc.1		Sc.2	Diff
5.8	5.95 0 1	5.9	130
6.1	6.30 0 0	6.3	132
6.7	7.00 1 1	7.1	108
	nearly sup.		
		7.5	120
		7.5	138
		8.3	105
		8.3	116
		8.5	125
		8.7 ~~9.5~~	115
		9.1	117
		9.5	102
		9.5	155
		F	.

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1915phaa.proj.1020L

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Scale m mc 6636 SW Cygni Adds +20

	Sc.1	Sc.2	Cu.	Magn	Sc.1	P.C.	Sc.2	Cu.	Magn
a	2.7 2.5		6.05	8.75	~~7.8~~		7.8	1.15	8.95
b	2.1 1.9		6.12	8.22	7.1 6.9	7.10 0 0	7.1	1.18	8.28
c	3.7 3.5		5.91	9.61			8.7	1.18	9.88
d	2.7 2.5		6.05	8.75			7.7	1.15	8.85
e	3.9 3.7		5.86	9.76			8.9	1.19	10.09
f	3.9 3.7	B	5.86	9.76			8.8	1.19	9.99
g	4.9 4.5 5.10 2 2	5.3	5.48	10.58			9.3	1.22	10.52
h	4.1 3.9 4.20 1 1	4.3	5.77	9.97			9.1	1.20	10.30
k	5.3 5.1 5.30 0 0	5.3	5.40	10.70			9.5	1.24	10.74
l	5.9 5.7 5.50 1 1	5.7	5.30	11.10			9.5 ~~9.5~~	1.24	10.74
m	6.5 6.3 6.50 0 0	6.5	5.17	11.67			F	.	.
n	5.0 4.8 5.15 2 1	~~5.3~~ 5.5	5.44	10.59			9.5 ~~8.3~~	1.24	10.74
o		7.5	5.10	12.60					
p		6.5	5.18	11.68					
q		7.5	5.10	12.60					
r		7.9	5.10	13.00					
s		8.3	5.14	13.44	Remeasured to R Feb. 8, 1916				
T		8.3	5.14	13.44	P.C.	Sc.1	Sc.2		
u		8.5	5.16	13.66	b.	6.8	7.1		
w		8.9	5.25	14.15	c		8.7		
x		9.1	5.32	14.42	e		8.9		
y		9.3	5.39	14.69					
z		9.7	5.60	15.30					12.45

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1915phae.proj.1020L

11.00

Thursday, January, 20, 1916

Sheet No 253

Scale m

MC 8592 Pole Series 495

	Sc.1	Sc.2	MC 8597 fr 32		Diff	Sc.1	PC	Sc.2	MC 8597 fr 32		Diff
5	B		B	.	.	5.1 4.9	5.20 1 1	5.3 ~~5.5~~	5.20	5.20 00 00	129
6	1.3 1.1		1.3	1.30	0 0 581	6.3 6.1	6.20 1 1	6.1	6.30	6.25 05 05	086
8	2.6 2.3		2.5	2.50	0 0 573			7.3	7.10	7.20 10 10	103
9	2.9 2.7		2.9	2.90	0 0 593			8.1	7.8	7.95 1 2	088
10	3.1 2.9	B	3.0	3.05	1 0 597			8.3	8.1	8.20 1 1	082
11	3.7 3.5		3.7	3.70	0 0 585			8.5	8.5	8.50 0 0	1.05
12	4.1 3.9	B	4.10	4.10	00 00 576			9.1	8.9	9.00 1 1	086
13	4.9 4.7 4.90 0 0	4.9	5.05	4.98	08 07 532			9.5	9.3	9.40 1 1	090
14	5.5 5.3 5.50 0 0	5.5	5.40	5.45	05 05 520			F	9.5		115
15	5.7 5.5 5.70 0 0	5.7	6.00	5.85	15 15 523			F	.		.
16	6.5 6.3 6.40 1 1	6.3	6.50	6.45	05 05 495						
17	6.7 6.5 6.80 1 1	6.9	6.85	6.82	02 03 481						
18		7.3	7.3	7.30	0 0 476						
19		7.5	7.5	7.50	0 0 492						
20		7.8	7.7	7.75	0 1 498						
23		8.3	8.3	8.30	0 0 504						
25		8.7	8.7	8.70	0 0 517						
26		9.1	9.1	9.10	0 0 523						
27		9.3	9.3	9.30	0 0 539						
28		9.7	9.5	9.60	1 1 551						
29		F	F	7	.						

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Thursday, Jan. 20, 1916

Scale m mc 8592 (cont) Diffraction Images PC

	Sc. 1	Sc. 2	Sc 1	Sc. 2								Sc 1	Sc. 2	Sc 1 / Sc 2	
	d		h				mc 8597 h32			D		d		h	
	4.7	4.75	1.0	4.7	4.70	0.0									
5	4.5	4.8	4.5	4.7	4.72	03	02	4.68	4.70	02	02	179	9.5	9.50	0.0	9.5	-.301
	6.0	5.85	2.1	5.7	5.70	0.0											
6	5.8	5.7	5.5	5.7	5.78	07	08	5.65	5.72	06	07	139	9.8	9.75	0.1	9.7	-.264
	6.7	6.80	1.1	6.7	6.70	0.0											
8	6.5	5.7	6.5	6.7	6.75	05	05	6.92	6.84	09	08	139	h			h	.
9		7.7		7.8	7.75	1	0	7.50	7.62	13	12	121					
10		7.8		7.7	7.75	0	1	7.75	7.75	00	00	127					
11		8.5		8.5	8.50	0	0	8.50	8.50	00	00	105					
12		8.5		8.5	8.50	0	0	8.50	8.50	00	00	136					
13		8.9		8.9	8.90	0	0	8.80	8.85	05	05	145					
14		8.9		9.1	9.00	1	1	9.00	9.00	00	00	165					
15		9.3		9.3	9.30	0	0	9.50	9.40	10	10	168					
16		9.5		9.5	9.50	0	0	9.50	9.50	00	00	190					
17		9.9		7				7.	7.			.					

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Cand.

Thursday, Jan. 20, 1916

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Scale m

MC 8594 131K

Alt 18

PC

	Sc.1	Sc.2	Cu.	Magn	Sc.1	Sc.2	Cu.	Magn
1	0.7 2.5		5.89	8.59		7.8	0.89	8.69
2	4.1 3.9 4.20 1'	4.3	5.67	9.87		9.1	0.90	10.00
3	4.5 4.3 4.40 1'	4.3	5.60	10.00		8.9	0.90	9.80
4	4.7 4.5 4.80 1'	4.9	5.44	10.24		9.5	1.03	10.53
5	5.5 5.3 5.60 1'	5.7	5.16	10.76		F	.	.
6	6.1 5.9 6.00 1'	5.9	5.06	11.06		F	.	.
7	6.9 6.7 6.90 0 0	6.9	4.90	11.80				
8	6.9 6.7 6.85 1 0	6.8	4.91	11.76				
9	7.1 6.9 7.1 0 0 0	7.1	488	11.98				
10		7.3	488	12.18				
11	7.8 ⟶		492	12.72				
12		8.1	497	13.07				
13		8.5	509	13.59				
14		8.5	509	13.59				
15		9.1	528	14.38				
16		9.3	534	14.64				
17		9.5	543	14.93				
18		F	.	.				

Remeasured by O. June 15.16.

	sc 2	
12	8.1	apparently no error in above measures.
13	8.3	
14	8.6	
15	9.1	

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1915phae.proj.10201

Thursday, Jan. 20, 1976

Scale m MC 8594 (cont) Diff. Images

	Sc.1 g	Sc.2	Sc.1/Sc.2 h		
1	7.5	7.5	7.5	1.26	8.76
2	8.7	8.7	8.7	1.40	10.10
3	8.7	8.7	8.7	1.40	10.10
4	8.9	8.9	8.9	1.48	10.38
5	9.5	9.5	9.5	1.85	11.35
6	9.5	9.6	9.7	"	"
7	F	F		"	"

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Thursday, Jan. 20, 1916

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Scale m MC 8595 C8

	Sc.1		Sc.2	Cw.	Magn	Sc.1	P.C.	Sc.2	Cw.	Magn
1	1.7 1.5			5.80	7.50	6.5 6.3	6.5° ° °	6.5	0.96	7.46
2	1.7 1.5			5.80	7.50	6.5 6.3	6.5° ° °	6.5	0.96	7.46
3	2.3 2.1			5.86	8.16			7.3	0.90	8.20
4	2.3 2.1			5.86	8.16	6.9 6.7	6.9° ° °	6.9	0.91	7.81
5	2.1 1.9			5.85	7.95			7.3	0.90	8.20
6	2.5 2.3			5.88	8.38			7.5	0.90	8.40
6a	2.7 2.5			5.90	8.60			7.5	0.90	8.40
7	2.7 2.5			5.90	8.60			7.8	0.90	8.70
8	2.7 2.5			5.90	8.60			8.1	0.90	9.00
9	2.9 2.7		B	5.90	8.80			8.3	0.92	9.22
10	3.7 3.5			5.83	9.53			8.7	0.95	9.65
11	3.5 3.3		B	5.86	9.36			8.7	0.95	9.65
12	3.7 3.5		B	5.83	9.53			8.9	0.96	9.86
13	3.7 3.5	3.90 2 2	4.1	5.76	9.66			9.1	0.99	10.09
14	3.9 3.7	4.10 2 2	4.3	5.71	9.81			9.1	0.99	10.09
15	4.5 4.3	4.50 ° °	4.5	5.55	10.05			9.3	1.01	10.31
16	4.7 4.5	4.80 1 1	4.9	5.43	10.23			9.5	1.03	10.53
17	5.1 4.9	5.30 2 2	5.5	5.25	10.55			9.9	.	.
18	5.5 5.3	5.40 1 1	5.3	5.22	10.62			9.7	1.05	10.75
19	5.3 5.1	5.40 1 1	5.5	5.22	10.62			F	.	.
20	5.0 4.8	5.15 2 1	5.3	5.30	10.45					
21	6.3 6.1	6.30 ° °	6.3	5.00	11.30					
22	6.5 6.3	6.50 ° °	~~7.3~~ 6.5	4.96	11.46					
23	7.1 6.9	7.10 ° °	7.1	4.88	11.98					
24	7.0 6.8	6.95 0 1	6.9	4.89	11.84					
25			7.3	4.87	12.17					
26			7.8	4.92	12.72					
27			8.1	4.98	13.08					

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Thursday Jan 20, 1916

Scale m	mc 8595 cont.		Cu.	Magn
20b	5.7 5.5 5.75 1.0	5.8	5.12	10,87
27a		8.5	5.10	13.60
20a	5.5 5.3 5.50 0.0	5.5	5.19	10.69
25a		7.5	4.89	12.39
28		8.7	5.14	13.84
29		8.7	5.14	13.84
29a		8.9	5.20	14.10
30		9.3	5.34	14.64
31		9.5	5.44	14.94
32		9.5	5.44	14.94
33		9.7	5.55	15.25
34		F	.	

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Thursday, Jan. 20, 1916

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Scale m

mc 8595 (cont)

Diff. Images

	g Sc 1	g Sc 2	h Sc 1	h Sc 3		Qu.	Magw.
	5.7	5.7 0 0 0	5.5	5.5 0 0 0			
1	5.5	5.7	5.3	5.5	5.60 10 10	150	7.10
	5.1	5.1 0 0 0	5.0	5.0 5 0 1			
2	4.9	5.1	4.8	5.1	5.08 02 03	163	6.71
	6.9	6.8 5 1 0	6.7	6.7 0 0 0			
3	6.7	6.8	6.5	6.7	6.78 07 08	130	8.08
	5.9	5.8 0 1 1	5.7	5.6 0 1 1			
4	5.7	5.7	5.5	5.5	5.70 10 10	148	7.18
	6.5	6.3 0 2 2	6.7	6.6 0 1 1			
5	6.3	6.1	6.5	6.5	6.45 15 15	133	7.78
	6.7	6.7 0 0 0	6.5	6.5 0 0 0			
6	6.5	6.7	6.3	6.5	6.60 10 10	132	7.92
	7.1	7.1 0 0 0					
6a	6.9	7.1	7.2 0 1 1	7.3	7.15 05 05	128	8.43
	7.0	7.0 5 0 1					
7	6.8	7.1	7.2 8 2 3 2 2	7.5		127	8.55
8		7.5	7.5 0 0 0	7.5		126	8.76
9		7.7	7.5 1 1 0	7.8		126	9.01
10		8.3	8.4 0 1 1	8.5		132	9.72
11		8.3	8.3 0 0 0	8.3		130	9.60
12		8.7	8.6 0 1 1	8.5		136	9.96
13		8.5	8.5 0 0 0	8.5		134	9.84
14		8.7	8.8 0 1 1	8.9		143	10.23
15		9.1	9.1 0 0 0	9.1		157	10.67
16		9.1	9.1 0 0 0	9.1		157	10.67
17		9.3	9.4 0 1 1	9.5		177	11.17
18		9.3	9.3 0 0 0	9.3		169	10.99
19		9.3	9.4 0 1 1	~~9.8~~ 9.5		177	11.17
20		9.1	9.1 0 0 0	9.1		157	10.67
20a		9.3	9.4 0 1 1	9.5		177	11.17
20b		9.5	9.6 0 1 1	9.7		,	,
21		9.5	9.6 0 1 1	9.7		,	,
22		9.9	9.8 5 1 0	9.8		,	,
23		F		F		,	,

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Scale m MC 8596 Carte

	Sc.1	Sc2	Cw.	Magn	Sc.1	PC	Sc.2	Cw.	Magn
	1.5				5.9				
1	1.3		5.79	7.29	5.7	585 1°	5.8	1.09	6.94
2	2.7 2.5		5.90	8.60			7.8	0.89	8.69
3	3.0 2.8		5.90	8.90			8.3	0.92	9.22
4	3.7 3.5		5.83	9.53			8.5	0.93	9.43
5	4.0 3.8	B	5.74	9.74			8.9	0.96	9.86
6	4.5 4.3 4.50 0°	~~5.3~~ 4.5	5.55	10.05			9.5	1.04	10.54
7	~~4.3~~ 4.7 4.5 460 1½	4.5	5.51	10.11			9.5	1.04	10.54
8	5.0 4.8 515 ½1	5.3	5.30	10.45			9.3 ~~7.9~~	1.01	10.31
9	5.7 5.5 575 1°	5.8	5.13	10.88			F	.	.
10	6.3 6.1 640 1½	6.5	4.98	11.38					
11	7.0 6.8 695 0½	6.9	4.89	11.84					
12		7.3	4.88	12.18					
13		7.5	4.89	12.39					
14		7.7	4.91	12.61					
15		8.1	4.98	13.08					
16		8.1	4.98	13.08					
17		8.3	5.03	13.33					
18		8.7	5.15	13.85					
19		8.8	5.18	13.98					
20		9.3	5.34	14.64					

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Thursday, Jan. 20, 1916

Scale m

MC 8596 (cont.) Diffraction Images

	Sc.1	Sc.2	Sc.1	Sc.2	Cu	Magn
			g	h		
	4.7	4.80	4.75	4.70	1.71	6.46
1	4.5	4.9	4.5	4.7		
2		7.5	7.50	7.5	1.26	8.76
3		7.7	7.70	7.7	1.26	8.96
4		8.1	8.10	8.1	1.28	9.38
5		8.1	8.30	8.5	1.30	9.60
6		8.8	8.85	8.9	1.44	10.29
7		9.3	9.20	9.1	1.64	10.84
8		9.1	9.10	9.1	~~1.57~~	~~10.67~~ *
9.		9.5	9.50	9.5	1.85	11.35
10		F		9.8	,	.

* Diffr. Images remeasured by O. May 5, 1916.

	Sc 2 g	Sc 2 h
6	8.8	8.7
7	8.8	8.8
8	9.0	8.9

Star 7, diffr. images as bright as Star 6. Certainly not as faint as Star 8. Measures above make it fainter than Star 8. Accidental error? Reject magnitude. H. S. L. May 5, 1916.

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Thursday, Jan. 20, 1916

Scale m MC 8597 Pole

	Sc.1		Sc.2
5	B		
6	1.1		
8	2.3		
9	2.7		
10	2.8		
11	3.5		
12	3.9	H10 0 0	4.1
13	4.8	5.05 0 1	5.1
14	5.3	540 1 1/2	5.3
15	5.9	600 1 1/2	5.9
16	6.3	650 0 0	6.5
17	6.7	685 1 0	6.8
18	7.3 →		
19			7.5
20	7.7 →		
23			8.3
25			8.7
26			9.1
27			9.3
28			9.5
29			F

Sc.1	PC	Sc.2
4.9	520 1 1	5.3
6.1	6.30 0 0	6.3
6.9	7.10 0 0	7.1
		7.8
		8.1
		8.5
		8.9
		9.3
		9.5 F

Sept 22

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Thursday, Jan. 20, 1916

Scale m

MC 8597 (cont)

Diff Images

	Sc.1	Sc.2	Sc.1	Sc.2			
4	4.5 4.3	9 4.60	11	h 4.7	4.75	10	
5	4.7	4.1	4.5	4.8	4.68	08	07
	5.7	5.60	1	5.7	5.1000		
6	5.5	5.5	5.5	5.7	5.65	05	05
	6.7	6.75	10	7.1	7.1000		
8	6.5	6.8	6.9	7.1	6.92	17	18
9		7.5		7.5	7.50	0	0
10		7.7		7.8	7.75	1	0
11		8.5		8.5	8.50	0	0
12		8.5		8.5	8.50	0	0
13		8.9		8.7	8.80	1	1
14		8.9		9.1	9.00	1	1
15		9.5		9.5	9.50	0	0
16		9.5		9.5	9.50	0	0
17		F		F	F		

1.50

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Sheet No 252

11.01

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Scale m mc 8597 Pole Series 495 PC

	Sc.1	Sc.2	mc 8603 p46			Diff	Sc.1		Sc.2	8603 p46			Diff.
5	B		B	.		.	5.3	5.40 1 1	5.3	5.10	5.25	17 15	1.24
6	1.1		B			5.81	6.1	6.20 1 1	6.1	6.05	6.12	08 07	0.99
8	2.3		2.3	2.40	1 1	5.83			7.5	7.5	7.50	0 0	0.73
9	2.7		2.7	2.80	1 1	6.03			8.1	8.1	8.10	0 0	0.73
10	2.7	B	2.7	2.80	1 1	6.22			8.1	8.3	8.20	1 1	0.82
11	3.7	B	3.5	3.70	2 2	5.85			8.5	8.5	8.50	0 0	1.05
12	3.8 4.05 0 1	4.1	3.7	3.88	17 18	5.98			9.1	9.1	9.10	0 0	0.76
13	4.7 4.90 0 0	4.9	4.30	4.60	30 30	5.70			9.5	9.3	9.40	1 1	0.90
14	5.3 5.50 0 0	5.5	5.20	5.35	15 15	5.30			9.7	9.5	9.60	1 1	1.05
15	5.7 5.85 1 0	5.8	5.90	5.88	03 02	5.20			9.8	9.7	9.75	0 1	1.33
16	6.3 6.40 1 1	6.3	6.30	6.35	05 05	5.10				7	.		.
17	6.5 6.70 0 0	6.7	6.90	6.80	10 10	4.83				7	.		.
18		7.3	7.3	7.30	0 0	4.76							
19		7.5	7.5	7.50	0 0	4.92							
20		7.7	8.1	7.90	2 2	4.83							
23		8.3	8.5	8.40	1 1	4.94							
25		8.5	8.7	8.60	1 1	5.27							
26		9.1	9.1	9.10	0 0	5.23							
27		9.5	9.1	9.30	2 2	5.39							
28		9.5	9.7	9.60	1 1	5.51							
29		F	7	7		.							

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Saturday Jan. 22, 1916

Scale M. MC 8597 (cont) diff. Images

	Sc.1	Sc.2	Sc.1	Sc.2		mc 5603 M47				Diff
			g		h					
5	4.5	4.5	4.7 4.60 1½	4.5	4.7 4.70 00	4.65	05	05	4.80	4.72 07 08 1.77
6	5.5	5.7	5.7 5.70 00	5.7	5.9 5.80 1½	5.75	05	05	5.60	5.68 07 08 1.43
8	6.5	6.7	6.7 6.70 00	6.5	6.7 6.75 1.6	6.72	02	03	6.90	6.81 09 09 1.42
9		7.5	7.50 00	7.5					7.50	7.50 00 00 1.33
10		7.7	7.70 00	7.7					7.80	7.75 05 05 1.27
11		8.5	8.50 00	8.5					8.50	8.50 00 00 1.05
12		8.7	8.60 1½	8.5					8.65	8.62 02 03 1.24
13		8.9	8.90 00	8.9					9.00	8.95 05 05 1.35
14		9.1	9.10 00	9.1					9.10	9.10 00 00 1.55
15		9.5	9.50 00	9.5					9.30	9.40 10 10 1.68
16		9.5	9.50 00	9.5					9.75	9.62 12 13 1.78
17		F		F					7	7 .

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Scale m | MC 8598 | Carte | Oct 419

	Sc.1	Sc.2	Cu.	Magn	Sc.1	PC.	Sc.2	Cu.	Magn
	2.7								
1	2.5		6.05	8.75			7.9 ~~8.9~~	0.74	8.64
	2.9								
2	2.~~7~~		6.04	8.94			8.3	0.78	9.08
	3.7								
3	3.5	B	5.91	9.61			8.7	0.83	9.53
	3.9								
4	3.7 4.00 L 1	4.1	5.87	9.87			9.1	0.91	10.01
	4.1							1.03	
5	3.9 4.20 L 1	4.3	5.78	9.98			9.~~7~~ 5		10.53
	5.1								
6	4.9 5.20 L 1	5.3	5.40	10.60			9.7	1.20	10.90
	5.1						~~7~~	.	.
7	4.9 5.10 0 0	5.1	5.45	10.65					
	5.7								
8	5.5 5.60 1 L	5.5	5.25	10.85					
	6.1								
9	5.9 6.00 1 L	5.9	5.10	11.10					
	6.7								
10	6.5 6.75 L 0	6.8	4.89	11.64					
11		7.3	4.80	12.10					
12		7.5	4.80	12.30					
13		7.7	4.82	12.52					
14		7.9	4.86	12.76					
15		8.3	5.00	13.30					
16		8.5	5.06	13.56					
17		8.8	5.20	14.00					
18		8.9	5.22	14.12					
19		9.3	5.40	14.70					
20		9.5	5.46	14.96					

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Scale m MC 8598 cont. diff images

	Sc.1	Sc.2	Sc.1	Sc.2	Qu.	Magn
	7.1	7.0	7.2	10 10	1.30	
1	6.9	7.1		7.3		8.50
2	7.7	7.7	0 0	7.7	1.25	8.95
3	8.3	8.2	1 1	8.1	1.22	9.42
4	8.5	8.6	0 1	8.7	1.25	9.85
5	8.8	8.8	0 0	8.8	1.32	10.12
6	8.9	9.0	0 1	9.1	1.38	10.38
7	9.3	9.3	0 0	9.3	1.56	10.86
8	9.5	9.5	0 0	9.5	1.73	11.23
9	9.8	9.8	5 0 1	9.9	,	,
10	F			F	,	,

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Saturday, Jan. 22, 1916

Scale m mc 85 99 Eros Comp. Stars

	Sc.1		Sc.2	Cw.	Magn.	Sc.1	P.C.	Sc.2	Cw.	Magn.
	1.7					6.9				
1	1.5			6.01	7.71	6.7	685 1 0	6.8	0.83	7.63
	2.7									
2	2.5			6.05	8.75			7.9	0.74	8.64
	3.9									
3	3.7	4.00	1 1	4.1 584	9.84			9.3	0.95	10.25
	4.5									
4	4.3	4.50	0 0	4.5 570	10.20			9.5	1.02	10.52
	4.7									
5	4.5	4.90	2 2	5.1 554	10.44			9.7	1.20	10.90
	5.5									
6	5.3	5.50	0 0	5.5 530	10.80			F	.	.
	5.9									
7	5.7	5.90	0 0	5.9 515	11.05					
	6.5									
8	6.3	6.50	0 0	6.5 496	11.46					
	6.3									
9	6.1	6.40	1 1	6.5 499	11.39					
	6.9									
10	6.7	7.50	1 1	7.1 483	11.83					
	7.1									
11	6.9	7.10	0 0	7.1 482	11.92					
12				7.3 480	12.10					
13				7.3 480	12.10					
14				7.5 480	12.30					
15				7.8 484	12.64					
16				8.3 500	13.30					
17				8.5 507	13.57					
18				8.5 507	13.57					
19				9.3 539	14.89					
20				9.7 .	.					

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Scale m

MC 8599 (cont.)

diff. images

	Sc.1	Sc.2	Sc.1	Sc.2	Cu.	Magn.
	5.9	5.900	6.0	6.050		
1	5.7	5.9	5.8	6.1	1.49	7.47
2	7.5	7.500		7.5	1.27	8.77
3	8.8	8.750	1	8.7	1.30	10.05
4	9.1	9.000	1	8.9	1.38	10.38
5	9.3	9.40	1	9.5	1.65	11.05
6	9.5	9.65	1.2	9.8	1.84	11.59
7	F			F	.	.

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Scale m | mc 8600 | D 9 | Alt -18

	Sc.1	Sc.2	Cw.	Magn	Sc.1	P.C.	Sc.2	Cw.	
1	1.9 1.7		6.04	7.94	6.3 6.1	6.30 0 0	6.3	0.95	7.25
2	1.9 1.7		6.04	7.94	6.5 6.3	6.50 0 0	6.5	0.91	7.41
3	~~2.3~~ 2.0 1.8		6.04	8.04	6.5 6.3	6.60 1 1	6.7	0.89	7.59
4	2.0 1.8		6.04	8.04	6.7 6.5	6.60 1 1	6.5	0.89	7.39
5	1.9 1.7		6.04	7.94	6.9 6.7	6.90 0 0	6.9	0.83	7.73
6	2.5 2.3		6.05	8.55			7.5	0.74	8.24
7	2.7 2.5		6.05	8.75			7.7	0.74	8.44
8	2.5 2.3		6.05	8.55			7.7	0.74	8.44
9	2.7 2.5		6.05	8.75			7.7	0.74	8.44
10	3.5 3.3		5.95	9.45			8.7	0.83	9.53
11	3.5 3.3		5.95	9.45			8.5	0.80	9.30
12	3.7 3.5	B	5.91	9.61			8.8	0.85	9.65
13	3.7 3.5	B	5.91	9.61			9.3	0.95	10.25
14	4.1 3.9 4.10 0 0	4.1	5.81	9.91			9.3	0.95	10.25
15	3.9 3.7	B	5.86	9.76			9.5	1.03	10.53
16	4.0 3.8 4.15 2 1	4.3	5.80	9.95			9.5	1.03	10.53
17	4.3 4.1 4.40 1 1	4.5	5.72	10.12			9.8	1.35	11.15
18	4.9 ~~4.7~~ 5.00 1 1	5.1	5.50	10.50			F	,	,
19	5.1 4.9 5.10 0 0	5.1	5.45	10.55			F	,	,
20	5.5 5.3 5.50 0 0	5.5	5.30	10.80					
21	5.7 5.5 5.70 0 0	5.7	5.22	10.92					
22	5.5 5.3 5.50 0 0	5.5	5.30	10.80					
23	6.1 5.9 6.00 1 1	~~5.9~~ 6.1	5.10	11.10					
24	6.5 6.3 6.40 1 1	6.3	4~~9~~8	11.38					
25	6.7 6.5 6.80 1 1	6.9	4.87	11.67					
26		7.3	4.80	12.10					
27		7.7	4.82	12.52					
28		7.7	4.82	12.52					

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Scale m MC 8600 cont.

	Sc. 1	Sc 2	Cu.	Magn
29		7.5	4.80	12.30
30		8.5	507	13.57
31		8.8	5.20	14.00
32		8.7	5.15	13.85
33		8.9	5.22	14.12
34		9.1	5.30	14.40
34a		8.9	5.22	14.12
35		9.5	5.46	14.96
36		9.8	"	"
37a		Tr	"	"

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Scale m mc 8600 cont diff. images

	Sc.1 Sc.2	Sc.1 Sc.2				Cu.	Magn.
	a	h					
	5.5 5.50 00	5.3 5.30 00					
1	5.3 5.5	5.1 5.3	5.40	10	10	156	6.96
	5.5 5.50 00	5.7 5.70 00					
2	5.3 5.5	5.5 5.7	5.60	10	10	1.54	7.14
	5.7 5.60 1 1	5.7 5.60 1 1					
3	5.5 5.5	5.5 5.5	5.60	00	00	154	7.14
	5.7 5.60 1 1	5.7 5.60 1 1					
4	5.5 5.5	5.5 5.5	5.60	00	00	154	7.14
	5.9 5.80 1 1	5.7 5.70 00					
5	5.7 5.7	5.5 5.7	5.75	05	05	1.51	7.26
	6.7 6.80 1 1	6.5 6.50 00					
6	6.5 6.9	6.3 6.5	6.65	15	15	1.38	8.03
	7.1 7.10 00	6.7 7.00 1 1					
7	6.9 7.1	6.7 7.1	7.05	05	05	1.32	8.37
	6.5 6.50 00	6.7 6.70 00					
8	6.3 6.5	6.5 6.7	6.60	10	10	1.39	7.99
	6.7 6.70 00	6.7 6.60 1 1					
9	6.5 6.7	6.5 6.5	6.65	05	05	1.38	8.03
10	7.9	8.1	8.00	1	1	1.22	9.22
11	7.9	7.9	7.90	0	0	1.23	9.13
12	8.3	8.5	8.40	1	1	1.23	9.63
13	8.7	8.5	8.60	1	1	1.24	9.84
14	8.7	8.7	8.70	0	0	1.27	9.97
15	8.5	8.5	8.50	0	0	1.24	9.74
16	8.8	8.8	8.80	0	0	1.31	10.11
17	8.8	~~8.8~~	8.75 8.7	0	1	~~1.30~~ 1.30	10.05
18	9.5	9.5	9.50	0	0	1.72	11.22
19	9.3	9.3	9.30	0	0	1.55	10.85
20	9.5	9.5	9.50	0	0	1.72	11.22
21	9.7	9.5	9.60	1	1	1.82	11.42
22	9.8	9.7	9.75	0	1	"	"
23	F	F	"			"	"

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Scale m MC 8601 Near Scut. Sob. Alt. +.06

	Sc.1	Sc 2	Cu.	Magn	Sc.1	P.C	Sc 2	Cu	Magn
1	#B	.	.		3.7	4.10 2 2	4.3	.	.
2	B	.	.		4.8	5.15 2 1	5.3	1.25	6.40
2a	B	.	.		5.3	5.50 0 0	5.5	1.16	6.66
3	1.3		599	7.49	6.3	6.50 0 0	6.5	0.91	7.41
4	2.3		605	8.55			7.7	0.74	8.44
5	2.5		605	8.75			8.1	0.75	8.85
6	3.3		595	9.45			8.5	0.80	9.30
7	3.5	B	591	9.61			9.1	0.91	10.01
8	4.9 5.10 0 0	5.1	545	10.55			9.5	1.03	10.53
9	4.8 5.05 0 1	5.1	548	10.53			9.5	1.03	10.53
10	5.3 5.40 1 1	5.3	532	10.72			F	.	.
11	5.7 5.80 1 1	5.7	518	10.98					
12	5.7 6.10 2 2	6.3	508	11.18					
12a	X	7.7	482	12.52					
13	6.9 7.10 0 0	7.1	482	11.92					
14		7.5	480	12.30					
14a	6.9 7.10 0 0	7.1	482	11.92					
14b		7.7	482	12.52					
15		8.1	492	13.02					
16	8.3 ——→		500	13.30					
16a		8.3	500	13.30					
17		8.7	515	13.85					
17a		8.5	507	13.57					
17b		8.7 ~~9.5~~	515	13.85					
17c		9.5	546	14.96					
18		9.3	539	14.69					
99		F	.	.					

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Scale m — mc 860 — cont. — diff. images

	Sc.1	Sc.2	Sc.1	Sc.2					
	g		h						
1	J.P.		J.P.					Qu.	Magn
2	4.1	4.3	3.9	4.3	4.25	05	05	1.78	6.03
2a	4.7	5.1	4.5	4.7	4.85	15	15	1.66	6.51
3	5.7	5.7	5.7	5.8	5.82	02	03	1.50	7.32
4	6.9	7.1	6.9	7.1	7.10	00	00	1.46	8.56
5	6.9	7.1		7.5	7.30	20	20	1.42	8.72
6		8.3		7.9	8.10	2	2	1.31	9.41
7		8.7		8.8	8.75	1	0	1.24	9.99
8		9.1		9.1	9.10	0	0	1.22	10.32
9		9.3		9.5	9.40	1	1	1.23	10.63
10		9.3		9.5	9.40	1	1	1.23	10.63
11		9.5		9.5	9.50	0	0	1.24	10.74
12		F		F	,			,	,

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Scale m | MC 8602 | 133 K | Alt-19

	Sc.1	Sc.2	Cu.	Magn.	Sc.1 PC	Sc.2	Cu.	Magn.
1	25 2.3		6.05	8.55		7.3	0.77	8.07
2	40 3.8	B	5.84	9.84		9.1	0.91	10.01
3	40 3.8	B	5.84	9.84		9.1	0.91	10.01
4	49 4.7 4.90 00	4.9	5.54	10.44		9.5	1.03	10.53
5	~~3.8~~ 60 5.8 5.90 1½	5.8	5.13	11.03		F	,	,
6	~~5.9~~ 63 6.1 6.20 1½	6.1	5.04	11.24				
7	67 6.5 6.80 1½	6.9	4.86	11.66				
8	7.0 6.8 6.90 1½	6.8	4.84	11.74				
9	7.0 6.8 7.05 01	7.1	4.82	11.87				
10	7.1 6.9 7.10 00	7.1	4.82	11.92				
11		7.5	4.80	12.30				
12		7.7	4.82	12.52				
13		7.9	4.86	12.76				
14		8.5	5.07	13.57				
15		8.1	4.93	13.03				
16		8.5	5.07	13.57				
17		8.8	5.20	14.00				
18		9.3	5.39	14.69				
19		9.3	5.39	14.69				
20		9.3	5.39	14.69				
21		9.5	5.46	14.96				

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Scale m

MC 8602 (cont.)

diff. images

	Sc.1	Sc.2	Sc.1 Sc.2		Cw.	Magn
1	6.5	6.7	6.5	6.7	1.38	808
2	8.5	8.50 00		8.5	1.24	9.74
3	8.5	8.60 LI		8.7	1.25	9.85
4	9.1	9.10 00		9.1	1.44	1054
5	~~9.9~~ 9.7	9.70 00		9.7	1.88	1158
6	9.9	J.P			,	,
7	F	F			,	,

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Saturday. Jan. 22, 1916

Scale m MC 8603 Pole

	Sc.1	Sc.2
5	B	
6	B	
8	23 2.1	
9	27 2.5	
10	27 2.5	
11	35 3.3	
12	37 3.5	B
13	45 4.3 430 22	4.1
14	51 4.9 580 11	5.3
15	60 5.8 590 11	5.8
16	63 6.1 630 00	6.3
17	69 6.7 690 00	6.9
18		7.3
19		7.5
20		8.1
23		8.5
25		8.7
26		9.1
27		9.1
28		9.7
29		F

Sc.1	PC	Sc.2
49 4.7	510 22	5.3
60 5.8	605 01	6.1
		7.5
		8.1
		8.3
		8.5
		9.1
		9.3
		9.5
		9.7
		F
		F

See p 33

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Saturday, Jan. 22, 1916

Scale m	MC 8603				const			diff. mags
	Sc.1	Sc.2	Sc.1	Sc.2				
	g		h					
5	5.1 4.9	5.00 1½	4.7 4.9	4.60 1½ 4.5	4.80	20	20	
6	5.7 5.3	5.70 00 5.7	5.5 5.3	5.50 06 5.5	5.60	10	10	
8	7.0 6.8	6.90 1½ 6.8	6.9 6.7	6.90 00 6.9	6.90	00	00	
9		7.5		7.50 00 7.5				
10		7.9		7.80 1½ 7.7				
11		8.5		8.50 00 8.5				
12		8.8		8.65 2½ 8.5				
13		8.9		9.00 1½ 9.1				
14		9.1		9.10 00 9.1				
15		9.3		9.30 00 9.3				
16		9.8		9.75 0½ 9.7				
17		F		F				

2.34

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12.00

Thursday, January 27, 1916

Sheet No. 260

Scale m	MC 9696 Sc.1	Sc.2	Pole MC 9702 p.62		Diff	MC 578 Sc.1	P.C	Sc.2	MC 9702		Diff.
5	B		.	.	.	4.5 4.3	460 1 1	4.7	450	455	05 05 1.94
6	B		.	.	.	5.7 5.5	570 0 0	5.7	570	570	00 00 1.41
8	2.5 2.3		2.5	2.50	0 0 5.73	7.0 6.8	690 1 1	6.8	695	688	08 07 1.35
9	2.9 2.7		2.9	2.90	0 0 5.93			7.8	7.9	7.85	0 1 0.98
10	2.9 2.7		2.9	2.90	0 0 6.12			8.1	8.3	8.20	1 1 0.82
11	3.7 3.5		3.9	3.80	1 1 5.75			8.7	8.7	8.70	0 0 0.85
12	4.0 3.8	B	4.1	4.05	0 1 5.81			9.1	8.9	9.00	1 1 0.86
13	4.7 4.5	4.75 1 0	4.8	4.95	4.85 10 10 5.45			9.3	9.5	9.40	1 1 0.90
14	5.5 5.3	5.50 0 0	5.5	5.40	5.45 05 05 5.20			9.5	9.8	9.65	1 2 1.00
15	5.9 5.7	5.80 1 0	5.8	5.90	5.88 03 02 5.20			9.7	9.9	9.80	1 1 1.28
16	6.5 6.3	6.50 0 0	6.5	6.50	6.50 00 00 4.90			F		.	.
17	6.7 6.5	6.70 0 0	6.7	6.95	6.82 12 13 4.81						
18			7.3	7.5	7.40 1 1 4.66						
19			7.7	7.7	7.70 0 0 4.72						
20			7.9	7.9	7.90 0 0 4.83						
23			8.5	8.5	8.50 0 0 4.84						
25			8.9	9.1	9.00 1 1 4.87						
26			9.3	9.3	9.30 0 0 5.03						
27			9.3	9.5	9.40 1 1 5.29						
28		9.7	9.5	9.7	9.70 0 0 5.41						
29			9.9	7.	9.90 a . 5.76						

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Thursday, Jan. 27, 1916

Scale M MC 9696 (cont.) diff. images

	Sc.1 g	Sc.2 g	Sc.1 h	Sc.2 h	MC 9702 h63				Diff.
5	4.3	4.50	00	4.5	4.40	4.45	05	05	2.04
6	5.5	5.70	00	5.5	5.30	5.50	20	20	1.61
8	6.8	7.00	00	6.8 ~~6.8~~	6.95	6.98	02	03	1.25
9		7.8	780	00 7.8	7.70	7.75	05	05	1.08
10	7.8	7.75	01	7.7	7.80	7.78	03	02	1.24
11	8.3	8.30	00	8.3	8.60	8.45	15	15	1.10
12	8.5	8.50	00	8.5	8.85	8.68	18	17	1.18
13	9.3	9.10	22½	8.9	9.30	9.20	10	10	1.10
14	9.3	9.30	00	9.3	9.50	9.40	10	10	1.25
15	9.5	9.60	11	9.7	9.75	9.68	08	07	1.40
16	9.7	9.75	10	9.8	9.90	9.82	07	08	1.58
17	9.9		F		.	9.90	≈	.	1.73
18	F		.		.	.			.

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Thursday Jan. 27, 1916

Scale m MC 9697 DM alt. corr +15

	Sc 1	Sc 2	Curve	Magn	Sc. 1	P. C.	Sc. 2	Cu.	Magn
1.	2.5 2.3		5.98	8.48			7.3	1.09	8.39
2.	2.8 2.6		5.98	8.78			7.5	1.03	8.53
3.	3.1 2.9		5.95	9.05			8.3	0.88	9.18
4.	3.5 3.3		5.89	9.39			8.7	0.84	9.54
5	4.9 4.7 4.85 1 0	4.8	5.45	10.30			9.5	0.99	10.49
6.	5.5 5.3 5.50 0 0	5.5	5.20	10.70			9.7	1.10	10.80
7.	5.7 5.5 5.75 1 0	5.8	5.13	10.88			9.9	.	.
8.	6.0 5.8 5.90 1 1	5.8	5.08	10.98			T	.	.
9.	6.5 6.3 6.50 0 0	6.5	4.92	11.42					
10		7.3	4.78	12.08					
11.		7.5	4.77	12.27					
12.		7.8	4.76	12.56					
13.		8.3	4.84	13.14					
14.		8.5	4.85	13.35					
15.		8.5	4.85	13.35					
16.		8.8	4.86	13.66					
17.		9.1	4.94	14.04					
18		9.3	5.06	14.36					
19.		9.7	5.41	15.11					
20		9.9	5.80	15.70					

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Thursday, Jan. 27, 1916

Scale m MC 9697 (cont) diff. images Alt. corr. +.15

	Sc 1	Sc 2	Sc 1	Sc 2		Cu.	Magn
1	6.7	6.95	L0	7.0	6.8 ~~6.8~~	128	8.23
2	7.5	7.50	0 0		7.5	123	8.73
3	7.7	7.75	L0		7.8	120	8.95
4	7.9	8.10	Z2		8.3	116	9.26
5	8.7	8.80	L1		8.9	111	9.91
6	9.3	9.40	L1		9.5	111	10.51
7	~~9.7~~ 9.5	9.50	0 0		9.5	111	10.61
8	9.5	9.60	L1		9.7	112	10.72
9	9.8	9.80	0 0		9.8	113	10.93

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Thursday, Jan. 27, 1916 Copied B 10:89 Card

Scale m MC9698 Carte 6 00 +17.5 Alt corr +18

	Sc.1		Sc.2	Cu.	Magn	Sc.1 P.C	Sc.2	Cu	
1	25 2.3			5.98	8.48		7.5	1.03	8.53
2	30 2.8			5.96	8.96		7.8	0.96	8.76
3	35 3.3			5.89	9.39		8.3	0.88	9.18
4	4.0 3.8			5.73	9.73		8.5	0.84	9.34
5	45 4.3		B	5.57	10.07		8.7	0.84	9.54
6	55 5.3	5.40 1 1	5.3	5.22	10.62		9.5	0.99	10.49
7	5.7 5.5	5.60 1 1	5.5	5.16	10.76		9.9	.	.
8	59 5.7	5.85 1 0	5.8	5.10	10.95		9.9	.	.
9	6.9 6.7	6.80 1 1	6.7	4.84	11.64				
10	6.9 6.7	6.90 0 0	6.9	4.83	11.73				
11			7.5	4.76	12.26				
12			7.7	4.76	12.46				
13			8.5	4.81	13.31				
14			8.5	4.81	13.31				
15			8.8	4.86	13.66				
16			8.9	4.88	13.78				
17			9.1	4.94	14.04				
18			9.3	5.05	14.35				
19			9.5	5.19	14.69				
20			9.7	5.41	15.11				

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Thursday, Jan. 27, 1916

Scale m mc 9698 (cont.) diff. images Act. corr. +.18

	Sc 1	Sc 2		Sc 1	Sc 2		Cu	Magn
	7.1 g			7.1 h				
1	6.9	7.1	00	6.9			125	8.35
2	7.8	7.75	01	7.7			120	8.95
3	8.5	8.30	00	8.3			115	9.45
4	8.7	8.70	00	8.7			111	9.81
5	8.7	8.75	10	8.8			111	9.86
6	9.1	9.10	00	9.1			111	10.21
7	9.3	9.30	00	9.3			111	10.41
8	9.5	9.40	11	9.3			111	10.51
9	9.9	9.85	10	9.8			113	10.98

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Scale m | MC 9699 | N.G.C. 2168 | alt. corr. +.20

	Sc.1		Sc.2	Cu.	Magn.	Sc.1	P.C.	Sc.2	Cu.	
1.	1.9 1.7			.	.	6.3 6.1	630 00	6.3	1.38	7.68
2.	3.5 3.9			5.89	9.39			8.3	0.88	9.18
3	4.0 3.8		B	5.73	9.73			8.8	0.84	9.64
4.	4.9 4.7	480 11	4.7	5.46	10.26			9.1	0.88	10.98
5.	4.7 4.5	470 00	4.7	5.50	10.20			9.3	0.92	10.22
6.	5.1 4.9	510 00	5.1	5.35	10.45			9.3	0.92	10.22
7	6.0 5.8	605 01	6.1	5.03	11.08			9.5	0.99	10.49
8	5.9 5.7	580 12	5.7	5.11	10.91			9.9	.	.
9	6.7 6.5	675 10	6.8	4.85	10.60			F	.	.
10	7.1 6.9	710	7.1	4.80	11.90					
11			7.5	4.76	12.26					
12			8.1	4.78	12.88					
13			8.5	4.81	13.31					
14			8.5	4.81	13.31					
15			9.1	4.94	14.04					
16			8.8	4.86	13.66					
17			9.3	5.05	14.35					
18			9.3	5.05	14.35					
19			9.5	5.20	14.70					
20			9.5	5.20	14.70					

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Thursday, Jan. 27, 1916

Scale m MC 9699 (Cont) diff. images Alt con +20

	Sc.1 g	Sc.2	Sc.1 h	Sc.2	Cw.	Magn
1	5.9 5.7	580	1½	5.7 5.5	1.55	7.35
2	7.9	790	00	7.9	1.20	9.10
3	8.5	850	00	8.5	1.13	9.63
4	8.7	8.75	10	8.8	1.11	9.86
5	8.8	8.75	01	8.7	1.11	9.86
6	9.1	910	00	9.1	1.11	10.21
7	9.5	950	00	~~9.7~~ 9.5	1.11	10.61
8	9.5	940	1½	9.3	1.11	10.51
9	9.8	980	00	9.8	1.12	10.92

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Pleare discard Wrong sequence

Thursday, Jan 27, 1916

Scale m MC 9700 Eros. Comp. Stars alt. corr +.14

	Sc.1		Sc.2		Sc.1	P.C	Sc.2
1	2.7 2.5			5.98			7.5
2	3.7 3.5			5.84			8.5
3	3.9 3.7			5.77			8.8
4	4.7 4.5	46° 1'	4.5	5.54			9.1
5	5.7 5.8 5	57° 0'	5.7	5.14			9.5
6	5.5 5.3	54° 1'	5.3	5.22			9.5
7	5.5 5.3	54° 1'	5.3	5.22			9.5
8	5.7 ~~7.5~~ 5.5	57° 0'	5.7	5.14			9.7
9	6.7 6.5	67° 0'	6.7	4.86			
10			7.3	4.78			
11			7.3	4.78			
12			7.5	4.77			
13			8.3	4.78			
14			8.5	4.81			
15			8.6	4.84			
16			8.7	4.85			
17			9.1	4.94			
18			9.3	5.05			
19			9.3	5.20			
20			9.8	5.56 ?			

Discard

See page 60

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1915phae.proj.1020L

Thursday, Jan. 27, 1916

Scale m mc 9700 (cont) diff images Alt. corr. +14

	Sc 1	Sc 2	Sc 1	Sc 2
	g		h	
1	7.5	7.5	00	7.5
2	8.3	8.3	00	8.3
3	8.5	8.6	1.1	8.7
4	9.1	9.1	00	9.1
5	9.5	9.5	00	9.5
6	9.5	9.5	00	9.5
7	9.3	9.4	1.1	9.5
8	9.5	9.6	1.1	9.7

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1915phae.proj.1020L

Cards.

Thursday, Jan. 27, 1916

Scale m MC 9701 · D m Alt. corr. +.20

	Sc.1	Sc.2	Cu.	Magn.	Sc.1	P.C.	Sc.2	Cu.	
1	28 2.6		5.98	8.78			7.8	0.96	8.76
2	30 2.8		5.96	8.96			8.1	0.91	9.01
3	38 3.6		5.81	9.61			8.5	0.84	9.34
4	43 4.1 4.30 0 0	4.3	5.63	9.93			9.1	0.88	9.98
5	60 5.8 5.90 1 1/2	5.8	5.08	10.98			9.8	.	.
6	67 6.5 6.60 1 1/2	6.5	4.89	11.49			F	.	.
7		7.3	4.78	12.08					
8		7.5	4.77	12.27					
9		8.3	4.79	13.09					
10		8.3	4.79	13.09					
11		8.3	4.79	13.09					
12		8.5	4.81	13.31					
13		8.7	4.85	13.55					
14		8.7	4.85	13.55					
15		9.1	4.94	14.04					
16		9.3	5.05	14.35					
17		9.3	5.05	14.35					
18		9.3	5.05	14.35					
19		9.5	5.19	14.69					
20		9.9	5.80	15.70					

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1915phae.proj.1020L

Thursday, Jan. 27, 1916

Scale m. MC 9701 (cont.) diff. images Alb. corr. +.20

	Sc.1 Sc.2 g	Sc.1 Sc.2 h	Cu.	
1	7.5 7.50 00	7.5	1.23	8.73
2	7.8 7.75 01	7.7	1.20	8.95
3	8.3 8.30 00	8.3	1.15	9.45
4	8.8 8.80 00	8.8	1.11	9.91
5	9.8 9.75 01	9.7	1.12	10.87
6	J.P 9.9 T		1.13	11.03

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Thursday, Jan. 27, 1916 Cand

Scale m MC 9700 Eros. Comp. Star Alt. corr. +.14

	Sc 1	Sc. 2	Cu	Magn	Sc. 1	P.C.	Sc. 2	Cu	
1	2.3 2.1		.				7.5	1.00	8.50
2	3.3 3.1		5.42	8.72			8.3	0.88	9.18
3	3.7 3.5	B	5.84	9.54			8.5	0.84	9.34
4	4.7 4.5 46 01	4.5	5.53	10.13			9.1	0.88	9.98
5	5.7 5.5 57 00	5.7	5.14	10.84			9.5	0.99	10.49
6	6.0 5.8 58 52	5.7	5.10	10.95			9.3	0.92	10.22
7	7.0 6.8 70 01	7.1	4.81	11.86			F	.	.
8		7.3	4.77	12.07					
9		7.5	4.76	12.26					
10		7.9	4.76	12.66					
11		7.8	4.76	12.56					
12		7.9	4.76	12.66					
13		8.3	4.79	13.09					
14		83	4.79	13.09					
15		8.5	4.81	13.31					
16		8.5	4.81	13.31					
17		8.8	4.86	13.66					
18		9.1	4.94	14.04					
19		9.8	5.56	15.36					
20		9.9	5.80	15.70					

The prismatic companion to star No. 6 is superposed on another star, so that the above measure is not correct. M.H. Mar. 31, 1917.

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Thursday, Jan. 27, 1916

Scale m MC 9700 (cont.) diff images alt. corr. +.14

	Sc.1 g	Sc.2 g	Sc.1 h	Sc.2 h	Cu.	
1	7.3	7.40	1.1	7.5	1.23	8.63
2	7.7	7.75	1.0	7.8	1.20	8.95
3	8.5	8.50	00	8.5	1.13	9.63
4	8.9	9.00	1.1	9.1	1.11	10.11
5	9.5	9.50	00	9.5	1.11	10.61
6	9.8	9.80	00	9.8	1.12	10.92
7	F		F		.	.
8						

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1915phae.proj.1020L

Thursday, Jan. 27, 1916

Scale m mc 9702 Pole

	Sc.1		Sc.2
5	B		
6	B		
8	2.3		
9	2.7		
10	2.7		
11	3.7		
12	3.9		B
13	4.9	4.95 1 2	4.8
14	5.3	5.40 1 1	5.3
15	5.8	5.90 1 1	5.8
16	6.3	6.50 0 0	6.5
17	6.8	6.95 0 1	6.9
18			7.5
19			7.7
20			7.9
23			8.5
25			9.1
26			9.3
27			9.5
28			9.7
29			F

Sc.1	PC	Sc.2
4.3	4.50 0 0	4.5
5.5	5.70 0 0	5.7
6.8	6.95 0 1	6.9
		7.9
		8.3
		8.7
		8 9
		9.5
		9.8
		9.9

Sept 48

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Thursday, January, 27 1916

Scale m MC 9702 (cont diff. images

	Sc.1	Sc.2	Sc.1	Sc.2
		g		h
5	4.1	4.43	4.5	4.3
6	5.1	5.30	5.3	5.1
8	6.7	6.95	7.0	6.8
9	7.7	7.70		7.7
10	7.8	7.80		7.8
11	8.5	8.60		8.7
12	8.8	8.85		8.9
13	9.3	9.30		9.3
14	9.5	9.50		9.5
15	9.8	9.75		9.7
16	9.9	9.90		9.9

2.55

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Sheet No 260

11.05 Saturday, Jan. 29, 1916

Scale m

	mc 9948 Sc.1		Sc.2	Pole mc 9953					mc 598 Sc.1	P.C.	Sc.2	mc 9953			Diff.
5	B			.	.	.			4.9 4.7	485 10	4.8	4.70	4.78	07 08	1.71
6	1.5 1.3			.	1.50	≈ .	5.61		5.5 5.3	550 00	5.5	5.50	5.50	00 00	1.61
8	2.3 2.1			2.1	2.20	1	1 6.03		7.0 6.8	705 01	7.1	7.05	7.05	00 00	1.18
9	2.7 2.5			2.5	2.60	1	1 6.23				7.5	7.5	7.50	0 0	1.33
10	2.7 2.5			2.7	2.70	0	0 6.32				7.7	7.9	7.80	1 1	1.22
11	3.7 3.5			3.5	3.60	1	1 5.95				8.1	8.5	8.30	2 2	1.25
12	3.8 3.6		B	3.7	3.75	0	1 6.11				8.5	8.9	8.70	2 2	1.16
13	4.3 4.1	4.30 0 0	4.3	4.10	4.20	10	10 6.10				9.1	9.3	9.20	1 1	1.10
14	4.5 4.3	4.65 1 2	4.8	4.50	4.58	07	08 6.07				9.3	9.5	9.40	1 1	1.25
15	5.1 4.9	5.30 2 2	5.5	5.05	5.18	12	13 5.90				9.7	9.8	9.75	1 0	1.33
16	5.5 5.3	5.50 0 0	5.5	5.50	5.50	00	00 5.90				9.9	9.9	9.90	0 0	1.50
17	5.9 5.7	5.80 1 1	5.7	5.95	5.88	08	07 5.75				F	4	.	.	
18	6.5 6.3	6.50 0 0	6.5	6.85	6.68	18	17 5.38								
19	7.1 6.9	7.10 0 0	7.1	7.3	7.20	10	10 5.28								
20	~~H~~		7.3	7.7	7.50	2	2 5.23								
23			8.3	8.5	8.40	1	1 4.94								
25			8.7	9.1	8.90	2	2 4.97								
26			9.2	9.5	9.35	2	1 4.98								
27			9.5	9.6	9.55	1	0 5.14								
28			9.7	9.8	9.75	1	0 5.36								
29			9.7	9.9	9.80	1	1 5.86								

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Saturday, Jan. 29, 1916

Scale m MC 9948 (cont.) diff. images

	Sc.1 g	Sc.2	Sc.1 h	Sc.2	MC 9953				Diff.
5	4.3	4.5	0°	4.5	4.00	4.25	25	25	2.24
6	4.9	5.1	0°	5.1	4.95	5.02	08	07	2.09
8	6.7	6.9			6.70	6.80	10	10	1.43
9	7.3	7.30	0°	7.3	7.50	7.40	10	10	1.43
10	7.3	7.40	L1	7.5	7.60	7.50	10	10	1.52
11	8.1	8.20	L1	8.3	8.30	8.25	05	05	1.30
12	8.5	8.60	L1	8.7	8.70	8.65	05	05	1.21
13	8.9	8.90	0°	8.9	9.10	9.00	10	10	1.30
14	9.1	9.20	L1	9.3	9.50	9.35	15	15	1.30
15	9.5	9.60	L1	9.7	9.70	9.65	05	05	1.43
16	9.8	9.80	0°	9.8	9.90	9.85	05	05	1.55
17	9.9	9.90	0°	9.9	,	9.90	≈	,	1.73

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Saturday, Jan 29, 1916

Scale m | MC9949 | DM | Alt. corr. +.18

	Sc.1	Sc.2	Curve	Magn	Sc.1	PC	Sc.2	Cu.	
	2.1				7.1				
1	1.9		6.12	8.22	6.9		7.1	1.32	8.42
	2.9								
2	2.7		6.16	9.06			7.9	1.22	9.12
	3.5								
3	3.3		6.13	9.63			8.3	1.20	9.50
	3.7								
4	3.5		6.10	9.80			8.7	1.18	9.88
	3.9								
5	3.7		6.08	9.98			9.38.3	1.22	10.52
	4.9								
6	4.7	5.1 5.9 5.00 1'	5.95	10.95			9.7	1.35	11.05
	5.5								
7	5.3	5.3 5.40 1½	5.86	11.26			9.9	1.45	11.35
	5.9								
8	5.7	5.7 5.80 1½	5.72	11.52			9.9	1.45	11.35
	6.0								
9	5.8	5.8 5.95 0½	5.66	11.61					
	6.5								
10	6.3	6.3 6.40 1½	5.50	11.90					
	7.1								
11	6.9	6.8 6.95 1½	5.31	12.26					
12		7.3	5.21	12.51					
13		7.5	5.16	12.66					
14		8.1	5.02	13.12					
15		8.3	5.00	13.30					
16		8.7	4.95	13.65					
17		9.1	4.98	14.08					
18		9.1	4.98	14.08					
19		9.5	5.11	14.61					
20		9.8	5.50	15.30					

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1915phae.proj.1020L

Saturday, Jan 29, 1916

Scale m | MC 9949 | cont | diff. images Alt. corr. + 18

	Sc.1	Sc.2	Sc.1	Sc.2		Cw	Magn
	6.7						
1	6.5	6.7	00	6.7	6.5	1.59	8.29
2		7.5	760	LI	7.7	1.39	8.99
3		7.8	785	01	7.9	1.34	9.19
4		8.5	850	00	8.5	1.28	9.78
5		8.8	875	01	8.7	1.26	10.01
6		9.5	950	00	9.5	1.37	10.87
7		9.5	960	LI	9.7	1.42	11.02
8		9.8	980	00	9.8	1.57	11.37
9		9.8	985	01	9.9	1.60	11.45

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Saturday, Jan. 29, 1916

Scale m | MC 9950 | Carte | Alt. +.19

	Sc.1		Sc.2	Cw	Magn	Sc.1	P.C.	Sc.2	Cw	Magn
1	B			.	.	4.5 4.3	46° 1'	4.7	1.74	6.34
2	2.0 1.8			6.11	8.11	5.1 5.5	51° 00	5.7	1.56	7.26
3	2.8 2.6			6.17	8.97			7.7	1.24	8.94
4	2.7 2.5			6.16	8.86			8.3	1.20	9.50
5	3.7 3.5			6.10	9.80			8.5	1.19	9.69
6	4.0 3.8		B	6.06	10.06			8.9	1.18	10.08
7	4.5 4.3	45° 00	4.5	6.00	10.50			9.3	1.22	10.52
8	5.1 5.5	56° 1'	5.5	5.80	11.40			9.7	1.34	11.04
9	6.0 5.8	59° 1'	5.8	5.69	11.59					
10	6.6 6.4	65° 0'	6.5	5.44	11.99					
11	7.0 6.8	69° 0'	6.9	5.31	12.26					
12			7.7	5.12	12.82					
13			7.7	5.12	12.82					
14			7.9	5.07	12.97					
15			8.1	5.03	13.13					
16			8.5	4.97	13.47					
17			8.8	4.94	13.74					
18			9.1	4.98	14.08					
19			9.6	5.18	14.78					
20			F	.	.					

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Saturday, Jan 29, 1916

Scale m MC 9950 cont. diff. images Alt. corr. +19

	Sc.1	Sc.2	Sc.1	Sc.2		Cw.	Magn
	g		h				
1	3.7	3.95	4.0 (3.9)	3.8		2.34	6.29
2	5.5	5.70	5.7	5.5		1.85	7.55
3	7.5	7.60		7.7		1.39	8.99
4	7.8	7.85		7.9		1.34	9.19
5	8.5	8.50		8.5		1.28	9.78
6	9.1	9.00		8.9		1.26	10.26
7	9.3	9.40		9.5		1.34	10.74
8	9.8	9.80		9.8		1.57	11.37
9	F		F			.	.

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1915phae.proj.1020L

Saturday, Jan. 29, 1916

Scale m MC 9951 DM Alt. corr. +.16

	Sc.1		Sc.2	Cu.	Magn.	Sc.1	P.C	Sc.2	Cu	
	2.7									
1	2.5			6.16	8.86			7.8	1.23	9.03
	2.9									
2	2.7			6.16	9.06			7.8	1.23	9.03
	3.5									
3	3.3			6.13	9.63			8.5	1.18	9.68
	3.9									
4	3.7		B	6.08	9.98			8.8	1.18	9.98
	4.8									
5	4.6	4.75 0	4.7	5.99	10.74			9.5	1.26	10.76
	5.1									
6	4.9	5.10 0	5.1	5.93	11.03			9.7	1.34	11.04
	5.9									
7	5.7	5.80 1	5.7	5.73	11.53					
	6.5									
8	6.3	6.40 1	6.3	5.50	11.90					
	6.8									
9	6.6	6.75 0	6.7	5.38	12.13					
10			7.3	5.21	12.51					
11			7.8	5.09	12.89					
12			7.9	5.07	12.97					
13			7.8	5.09	12.89					
14			7.9	5.07	12.97					
15			8.3	5.00	13.30					
16			8.5	4.97	13.47					
17			9.1	4.98	14.08					
18			9.3	5.03	14.33					
19			9.5	5.12	14.62					
20			9.8	5.50	15.30					

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Saturday, Jan. 29, 1916

Scale m MC 9951 (cont.) diff. images: Alt corr. +16

	Sc.1	Sc.2		Sc.1 Sc.2		
	g			h	Cu.	
1	7.1 6.9	7.05	1.0	7.0 6.8	1.50	8.55
2	7.8	7.75	0.1	7.7 ~~7.5~~	1.36	9.11
3	8.1	8.20	1.1	8.3	1.30	9.50
4	8.8	8.85	0.1	8.9	1.28	10.11
5	9.7	9.70	0.0	9.7	1.48	11.18
6	9.7	9.75	1.0	9.8	1.51	11.26
7	9.9	9.90	0.0	9.9	1.67	11.57

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1915phae.proj.1020L

Saturday, Jan 29, 1916

Scale m MC 9952 ~~Gate~~ DM Alt. corr +.21

	Sc.1		Sc.2	Cu.	Magn	Sc.1	P.C.	Sc.2	Cu.	Magn
	2.5					7.1				
1	2.3			6.16	8.66	6.9	40 !!	6.9	1.33	8.33
	2.7									
2	2.5			6.16	8.86			7.9	1.22	9.12
	3.1									
3	2.9			6.16	9.26			8.5	1.18	9.68
	3.7									
4	3.5			6.10	9.80			8.9	1.18	10.08
	4.5									
5	4.3	45° 00	45	6.01	10.51			9.3	1.22	10.52
	5.3									
6	5.1	5.20 !!	5.1	5.91	11.11			9.8	1.40	11.20
	5.5									
7	4.5	5.60 !!	5.5	5.80	11.40			9.9	1.45	11.35
	6.5									
8	6.3	6.50 00	6.5	5.46	11.96			F	.	,
	6.7									
9	6.5	6.80 !!	6.9	5.36	12.16					
10			7.3	5.22	12.52					
11			7.5	5.16	12.66					
12			7.9	5.07	12.97					
13			8.3	5.00	13.30					
14			8.3	5.00	13.30					
15			8.5	4.97	13.47					
16			8.9	4.96	13.86					
17			8.9	4.96	13.86					
18			9.3	5.03	14.33					
19			9.3	5.03	14.33					
20			9.5	5.11	14.61					

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Saturday, Dem. 29, 1916

Scale m MC 9952 (cont.) diff. images Alt. corr. +.21

	Sc 1 Sc. 2	Sc 1 Sc 2	h	Cu.	Magn
	6.7 9		6.9		
1	6.5	6.80	6.7 b	1.56	8.36
2	7.8	7.80 00	7.8	1.35	9.15
3	7.8	7.80 00	7.8	1.35	9.15
4	8.5	8.50 00	8.5	1.28	9.78
5	9.1	9.10 00	9.1	1.28	10.38
6	9.7	9.65 10	9.6	1.44	11.09
7	9.8	9.75 05	9.7	1.51	11.26

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1915phae.proj.1020L

Saturday, Jan. 29, 1916

Scale m MC 9953 Pole

	Sc.1	Sc.2
5	B	
6	B	
8	2.1 1.9	
9	2.5 2.3	
10	2.7 2.5	
11	3.5 3.3	
12	3.7 3.5	B
13	4.1 3.9 4.10 0 0	4.1
14	4.5 4.3 4.50 0 0	4.5
15	5.0 4.8 5.05 0 1	5.1
16	5.5 5.3 5.50 0 0	5.5
17	6.0 5.8 5.95 0 1	5.9
18	7.0 6.8 6.85 2 1	6.7
19		7.3
20		7.7
23		8.5
25		9.1
26		9.5
27		9.6
28		9.8
29		9.9

Sc.1	P.C.	Sc.2
4.7 4.5	4.70 0 0	4.7
5.5 5.3	5.50 0 0	5.5
7.0 6.8	7.05 0 1	7.1
		7.5
		7.9
		8.5
		8.9
		9.3
		9.5
		9.8
		9.9
		F

Scale .64

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1915phae.proj.1020L

Saturday, Jan. 29, 1916

Scale m | MC 9953 (cont.) | diff. images

	Sc 1	Sc 2	Sc 1	Sc 2	
			g	n	
5	3.8	4.00	00	4.0	3.8
6	4.7	4.95	4.9 2.0	5.0	4.8
8	6.5	6.70	00	6.7	6.5
9	8.5	7.50	00		7.5
10	7.5	7.60	1.1		7.7
11	8.3	8.30	00		8.3
12	8.7	8.70	00		8.7
13	9.1	9.10	00		9.1
14	9.5	9.50	00		9.5
15	9.7	9.70	00		9.7
16	9.9	9.90	0.0		9.9

1.20

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1915phae.proj.1020L

11.25 Friday, Feb. 4, 1916

Scale m MC 8792 Gros comp. Stars Abt. corr -.53

	Sc.1	Sc.2	Cu.	Magn	Sc.1	P.C	Sc.2	
1	27 2.5		5.37	8.07			8.6	-025 8.35
2	43 4.1 430 00	4.3	484	9.14			9.3	-0.19 9.11
3	60 5.8 595 01	5.9	418	10.13			h.s	. .
4	65 6.3 650 00	6.5	400	10.50				
5	70 6.8 705 01	7.1	388	10.93				
6		7.3	385	11.15				
7		7.3	385	11.15				
8		8.1	380	1190				
9		8.1	380	1190				
10		8.3	382	12.12				
11		8.7	389	1259				
12		8.8	391	1271				
13		8.7	389	1259				
14		9.3	404	1334				
15		9.5	412	1362				
16		9.7	424	1394				
17		9.5	412	1362				
18		9.8	432	1412				
19		F	.	.				
20		F	.	.				

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Friday, Feb. 4, 1916

Scale m mc 879-2 (cont) Diffraction Images Alt corr. -5.3

	Sc.1 g.	Sc.2 g.	Sc.1 h	Sc.2 h	Cu.	
1.	7.9	7.90 00	7.9	044	8.34	
2	8.9	9.10 32	9.3	0.32	942	
3	9.7	9.10 00	9.7	0.37	1007	
4	9.9	9.90 00	9.9	040	1030	
5	N.S					

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Scale m MC 8793 Near Scut. Sob. Alt +06

	Sc.1	Sc 2	Cw.	Magn	Sc.1	P.C	Sc.2	Cw.	
					4.7				
1	B		.	.	4.5	89° 32	5.1	.	
	1.7				6.1			0.50	
2	1.5		541	7.11	5.9	61° 0°	6.1	~~3.50~~	6.60
	1.5				6.5				
2a	1.3		.	.	6.3	65° 1°	6.6	0.30	6.85
	2.5								
3	2.3		540	7.90			7.5	-.005	7.45
	2.9								
4	2.7		533	8.23			8.6	-.025	8.35
	3.7								
5	3.5		508	8.78			8.8	-.024	8.56
	4.5								
6	4.3 4.4° 1°	4.3	480	9.20			9.3	-.019	9.11
	5.5								
7	5.3 5.5° 0°	5.5	434	9.84			9.8	.005	9.85
	6.3								
8	6.1 6.4° 1°	6.5	402	10.42			n.s ~~8.4~~	.	
	6.5								
9	6.3 6.5° 0°	6.5	400	10.50					
	6.7								
10	6.5 6.7° 0°	6.7	395	10.65					
	7.1								
11	6.9 7.1° 0°	7.1	387	10.97					
12		7.5	382	11.32					
12a		8.6	388	12.48					
13		8.2	381	12.01					
14		8.5	385	12.35					
14a		8.5	385	12.35					
14b		8.7	389	12.59					
15		8.6	388	12.48					
16		9.3	403	13.33					
16a		9.3	403	13.33					
17		9.6	419	13.79					
17a		9.3	403	13.33					
17b		9.3	403	13.33					
17c		F	.	.					
18		9.9	440	14.30					
19									

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Scale m MC 8793 cont. diff. images

	Sc.1	Sc.2	Sc.1&2	Cu	Magn
		h m			
1	4.3 4.1	4.30 00	4.3 4.1	.	.
2	5.1 4.9	5.20 1.1	5.3 5.1	1.41	6.61
3	7.3	7.30 00	7.3	0.58	7.88
4	8.1	8.10 00	8.1	0.40	8.50
5	8.5	8.55 1.0	8.6	0.32	8.87
6	8.6	8.70 1.1	8.8	0.32	9.02
7	9.3	9.40 1.1	9.5	0.33	9.73
8	9.9		J.P	0.40	10.30
9	9.8	9.85 0.1	9.9	0.39	10.24
10	9.8		F	0.39	10.19
11	F			.	.
2a	5.5 5.3	5.40 1.1	5.3	1.30	6.70

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Scale m

MC 8794

Carte

Alt +14

	Sc. 1	Sc 2	Cw.	Magn	Sc 1	P.C	Sc 2	Cw.	Magn
1	1.7 1.5		5.41	7.11	7.0 6.8	69° 0'	6.9	0.14	7.09
2	1.7 1.5		5.41	7.11	7.0 6.8	69° 0'	6.9	0.14	7.09
3	2.0 1.8		5.41	7.41	7.1 6.9	71° 00	7.1	0.09	7.19
4	2.3 2.1		5.40	7.70			7.5	-0.05	7.45
5	2.7 2.5		5.37	8.07			8.5	-0.24	8.26
6	2.8 2.6	B	5.34	8.14			8.3	-0.21	8.09
7	4.5 4.3	45° 00 4.5	4.75	9.25			9.3	-0.18	9.12
8	5.1 4.9	52° 1' 5.3	4.46	9.66			9.8	0.05	9.85
9	60 5.8 6.0	60° 0' 6.1	4.14	10.19			F	.	.
10	7.1 6.9	71° 00 7.1	3.88	10.98					
11		7.9	3.80	11.70					
12		8.3	3.82	12.12					
13		9.1	3.97	13.07					
14		9.3	4.04	13.34					
15		9.3	4.04	13.34					
16		9.6	4.19	13.79					
17		9.9	4.40	14.30					
18		J.P.	.	.					

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Scale m mc 8794 cont diff. images

	Sc.1 g	Sc.2 g	Sc.1 h	Sc.2 h	Cu	Magn
1	5.7	5.90 00	5.9	5.7	1.06	6.96
2	5.8 5.6	5.85 01	5.9	5.7	1.09	6.94
3	6.3 6.1	6.30 00	6.3	6.1	089	719
4	6.7 6.5	6.70 00	6.7	6.5	074	744
5	8.1	8.00 11	7.9		0.41	841
6	7.8	7.80 00	7.8		046	826
7	8.9	8.90 00	8.9		0.32	922
8	9.3	9.30 00	9.3		0.32	962
9	9.8	9.80 00	9.8		0.39	1019
10	Tr		Tr		.	.

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Scale m MC 8795 C 9 Alt +17

	Sc.1	Sc.2	Cw.	Magn	Sc.1	P.C	Sc.2	Cw	Magn
1	1.6 1.4		5.40	7.00	7.0 6.8	6.95 0 ½	6.9	0.28	7.23
2	2.0 1.8		5.41	7.41	7.1 6.9	7.10 0 0	7.1	0.24	7.34
3	1.7 1.5		5.41	7.11	6.7 6.5	6.60 1 ½	6.5	0.36	6.86
3a	2.1 1.9		5.41	7.51			7.5	0.13 ~~3.98~~	7.63
4	2.5 2.3		5.40	7.90			7.6	0.11	7.71
5	2.5 2.3		5.40	7.90			7.8	0.07	7.87
6	3.4 3.2		5.20	8.60			8.3	-0.02	8.28
6a	3.1 2.9		5.30	8.40			8.7	-0.10	8.60
7	3.7 3.5	B	5.09	8.79			9.3	-0.17	9.13
8	4.5 4.3	4.40 1 ½ 4.3	4.79	9.19			9.5	-0.17	9.33
8a	4.5 4.3	4.50 0 0 4.5	4.75	9.25			9.5	-0.17	9.33
9	5.7 5.5	5.60 1 ½ 5.5	4.30	9.90			9.9	-0.13	9.77
10	6.5 6.3	6.40 1 ½ 6.3	4.02	10.42			F	.	.
11	5.7 5.5	5.70 0 0 5.7	4.26	9.96			9.9	-0.13	9.77
12	6.0 5.8	5.90 1 ½ 5.8	4.19	10.09			F	.	.
13	6.5 6.3	6.40 1 ½ 6.3	4.02	10.42					
14	6.7 6.5	6.60 1 ½ 6.5	3.96	10.56					
15	6.9 6.7	6.90 0 0 6.9	3.91	10.81					
16		7.5	3.82	11.32					
17		7.7	3.80	11.50					
18		8.2	3.81	12.01					
19		8.5	3.85	12.35					
20		8.5	3.85	12.35					
21		8.8	3.91	12.71					
22		8.9	3.93	12.83					
23		9.3	4.04	13.34					
24		9.5	4.12	13.62					
25		9.8	4.33	14.13					

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Scale m MC 8795 (cont.) diff. images

20 9.8 433 1413

	Sc.1	Sc.2	Sc1Sc2		
	g	h		Cw.	Magn
1	5.5 5.3	5.60 1 1	5.7 5.5	1.20	6.80
2	5.8 5.6	5.85 0 1	5.9 5.7	1.06	6.91
3	6.05 ~~5.8~~	5.95 0 1	5.9 5.7	1.01	6.96
3a	6.5 ~~5.9~~ 6.3	6.60 1 1	6.7 6.5	0.76	7.36
4	6.9 6.7	6.80 1 1	6.7 6.5	0.70	7.50
5	7.5	7.50 0 0	7.5	0.55	8.05
6	7.7	7.60 1 1	7.5	0.53	8.13
6a	8.2	8.25 0 1	8.3	0.42	8.67
7	8.6	8.55 0 1	8.5	0.40	8.95
8	8.9	9.00 1 1	9.1	0.39	9.39
8a	8.8	8.95 2 1	~~8~~ 9.1	0.39	9.37
9	9.5	9.50 0 0	9.5	0.40	9.90
10	9.8	9.85 0 1	9.9	0.42	10.27
11	9.7	9.80 1 1	9.9	0.41	10.21
12	9.8	9.85 0 1	9.9	0.42	10.27
13	9.9	9.85 1 0	9.8	0.42	10.27
14	9.9	9.90 0 0	9.9	0.42	10.32

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Sheet No 266

Scale m

MC 8796 Pole

	Sc. 1		Sc 2	Diff	Sc. 1 P.C	Sc. 2	Diff
5	B			.	Superposed		.
6	1.7 1.5			5.41	7.0 6.8 695 0	6.9	0.16
8	2.9 2.7			5.33		8.5	-.027
9	3.9 3.7			4.93		9.1	-.027
10	4.0 3.8		B	5.02		9.2	-.018
11	5.1 4.9	5.00 1	4.9	4.55		J.P	.
12	5.5 5.3	5.50 00	5.5	4.36		9.8	0.06
13	6.5 6.3	6.40 1	6.3	3.90		F	.
14	6.5 6.3	6.50 00	6.5	4.15		NS F	.
15			7.3	3.78			
16			7.5	3.90			
17			7.9	3.73			
* 18			8 8.3	3.76			
19			8.5	3.92			
20			8.9	3.83			
23			9.3	4.04			
25			9.7	4.17			
26			9.9	4.43			
27			F	.			

*Assumed to be 8.3 Sd ch by H&S

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Friday. Feb. 4, 1916

Scale m	mc 8796		cent	diff. images
	Sc.1 Sc.2	Sc.1 Sc.2		
	g	w	Diff.	
5	4.8 5.00 00	4.8	1.49	
6	5.9 6.20 11	6.1	0.91	
8	7.7 7.75 10	7.8	0.48	
9	8.5 8.50 00	8.5	0.33	
10	8.8 8.85 01	8.9	0.17	
11	9.1 9.10 00	9.1	0.45	
12	9.7 9.60 11	9.5	0.26	
13	9.9 9.90 00	9.9	0.40	
14	n.s	F	.	

1.20

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11.10

Saturday, Feb. 5, 1916

Sheet No 266

Scale m | MC 8796 | Pole | Series MC 509

	Sc 1	Sc 2	MC 8802 fw98	Diff	Sc 1 P.C.	Sc 2	8802 fw98	Diff
5	B		.		Superposed	.	5.95	0.54
6	1.5		1.7	1.70 0 0	5.41	6.7 6.90 0 0	6.9 6.80 10	0.31
8	2.5		3.0	2.85 1 2	5.38		8.3 8.20 11	0.03
9	3.3		3.8	3.65 1 2	5.18		9.1 9.00 11	-0.17
10	3.7	B	4.0	3.95 1 0	5.07		9.1 9.20 11	-0.18
11	4.5 4.70 0 0	4.7	4.70	4.70 00 00	4.85		J.P.	-0.25
12	4.9 5.30 2 2	5.5	5.05	5.18 12 13	4.68		9.9 9.85 10	0.01
13	6.1 6.25 1 0	6.2	5.95	6.10 15 15	4.20		F 7	.
14	6.1 6.30 0 0	6.3	6.40	6.35 05 05	4.30	N.S.F.		.
15		7.3	6.90	7.10 2 2	3.98			
16		7.5	7.3	7.40 1 1	4.00			
17		7.7	7.6	7.65 1 0	3.98			
18		8.3	8.2	8.25 1 0	3.81			
19		8.5	8.5	8.50 0 0	3.92			
20		8.9	8.5	8.70 2 2	4.03			
23		9.3	9.3	9.30 0 0	4.04			
25		9.7	9.6	9.65 1 0	4.22			
26		9.9	9.9	9.90 0 0	4.43			
27		F	7	7	,			

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Scale m MC 8796 (cont.) Diff. images

	Sc 1	Sc 2	Sc 1 − Sc 2		8802 − 799				Diff
	a		w						
5	4.9	505	10	4.8	480	4.92	13	12	1.57
6	6.3	645	10	6.2	6.00	6.25	20	25	0.86
8	7.8	780	00	7.8	760	770	10	10	0.53
9	8.6	855	01	8.5	850	8.52	03	02	0.31
10	8.7	870	00	8.7	860	8.65	05	05	0.37
11	9.3	930	00	9.3	885	908	22	23	0.47
12	9.8	965	21	9.5	9.35	9.50	15	15	0.36
13	9.9	990	00	9.9	985	9.88	02	03	0.42
14	F		F		7	.			.

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Saturday, Feb. 5, 1916

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Scale m MC 8797 B.7 Alt +.22

	Sc 1	Sc 2	Cw.	Magn	Sc 1	P.C	Sc 2	Cw	Magn
1	1.3		.	.	6.3	6.40 1 1	6.3	0.43	6.83
2	1.3		.	.	6.5	6.60 1 1	6.5	0.36	6.96
3	1.6		5.42	7.22	6.4	6.55 0 1	6.45	0.38	6.93
4	2.1		5.43	7.73			7.8	0.06	7.86
5	2.3		5.40	7.80			7.5	0.13	7.63
6	2.5		5.38	8.08			7.9	0.05	7.95
7	2.3		5.40	7.90			7.8	0.06	7.86
8	2.3		5.40	7.90			7.5	0.13	7.63
9	2.6		5.36	8.16			7.9	0.05	7.95
10	2.6		5.36	8.16			8.3	-0.03	8.27
11	3.3		5.21	8.71			8.5	-0.07	8.43
12	3.5		5.15	8.85			9.3	-0.18	9.12
13	3.9	4.1	5.03	9.13			9.2	-0.18	9.02
14	3.7	B	5.08	8.98			9.4	-0.17	9.23
15	4.5	4.8	5.30	10.05			9.7	-0.15	9.55
16	5.2	5.3	4.49	9.84			9.9	-0.13	9.77
17	5.5	5.5	4.47	10.07			9.9	-0.13	9.77
18	6.6	6.7	4.11	10.86			F	.	.
19	6.3	6.5	4.17	10.67					
20	6.8	6.9	4.08	11.03					
21		7.3	4.00	11.30					
22	6.9	7.1	4.04	11.14					
23		7.4	3.99	11.39					
24		7.8	3.94	11.74					
25		8.3	3.95	12.25					
26		8.5	3.98	12.48					
27		8.4	3.96	12.36					
28		8.5	3.98	12.48					

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Scale m MC8797 (cont)

	Sc 1	Sc 2	Cu	Magn
28a		9.1	4.10	13.20
28b		8.7	3.99	12.69
28c		9.5	4.23	13.73
29		9.5	4.23	13.73
30		9.5	4.23	13.73
31		9.6	4.27	13.87
32		9.8	4.35	14.15
33		F	.	.

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Scale m MC 8797 (cont) diff. images Alt. cor. +.22

	Sc.1	Sc.2	Sc1-Sc2		Cw	Magn
1	5.3	5.5	5.3		1.25	6.75
2	5.3	5.6	5.5		1.20	6.80
3	5.3	5.5	5.3		1.25	6.75
4	5.3	5.5	5.3		1.25	6.75
5	5.3	5.5	5.3		1.25	6.75
6	5.8	6.1	6.1		0.93	7.08
7	7.3	7.4	7.5		0.56	7.96
8	6.8	6.9	6.7		0.67	7.62
9	7.4	7.5	7.5		0.55	8.00
10	7.5	7.5	7.6		0.54	8.09
11	7.9	8.0	8.1		0.46	8.46
12	8.7	8.6	8.6		0.40	9.05
13	8.5	8.6	8.7		0.40	9.00
14	8.7	8.8	8.9		0.39	9.19
15	9.3	9.3	9.3		0.39	9.69
16	9.5	9.5	9.5		0.40	9.90
17	9.9	9.8	9.8		0.42	10.27
18	~~9.9~~	F	F		.	.
19	9.9	9.9	9.9		0.43	10.33
20	7	F	F		.	.

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Scale m MC 8799 N.G.C. 6709 Alt +13

	Sc.1	Sc.2	Cw	Magn	Sc.1	P.C	Sc.2	Cw	Magn
1	2.6 2.4		5.38	7.98			7.8	0.07	7.87
2	3.1 2.9		5.31	8.41			8.4	-0.04	8.36
3	3.9 3.7		5.09	8.99			9.1	-0.17	8.93
4	4.7 4.5 46° 1'	4.5	4.85	9.45			9.6	-0.16	9.44
5	6° 5.8 59.5° 1'	5.9	4.34	10.29			J P	,	,
6	6.5 6.3 65.0°	6.5	4.16	10.66			N.S	,	,
7	7.0 6.8 70.5° 1'	7.1	4.04	11.09					
8	~~6.9~~	7.5	3.98	11.48					
9		7.4	3.99	11.39					
10		7.8	3.95	11.75					
11		8.5	3.98	12.48					
12		8.6	3.99	12.59					
13		9.3	4.15	13.45					
14		9.5	4.23	13.73					
15		9.9	4.40	14.30					

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scale m MC 8799 cont. diff. images

	Sc.1 g	Sc.2	Sc.1 h	Sc.2	Cu.	Magn
1.	7.5	7.5	00	01	7.5	0.55	8.05
2.	7.8	7.8	5	01	7.9	0.50	8.35
3	8.9	8.8	5	10	8.8	040	9.25
4	9.3	9.3	0	00	9.3	0.39	9.69
5	9.8	9.8	8	01	9.9	042	10.27
6	F		F				

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Scale m MC 8800 R X Lyrae Alt +21

	Sc.1	Sc.2	Cu	Magn	Sc.1	P.C.	Sc.2
a	6.8 6.6 6.85 01	6.9	4.09	10.94			
b		7.3	4.00	11.30			
c	7.0 6.8 7.05 01	7.1	4.05	11.15			
d		7.9	3.95	11.85			
e		7.7	3.95	11.65			
f		8.3	3.96	12.26			
g		8.1	3.95	12.05			
h		8.6	3.99	12.59			
h^1		8.8	4.01	12.81			
h^2		8.8	4.01	12.81			
k		9.1	4.10	13.20			
l		9.2	4.13	13.33			
m		9.5	4.22	13.72			
n		9.9	4.40	14.30			
o		F	.	.			

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Saturday, Feb. 5, 1916

Scale m MC 8801 Variable Sequence RX Draconis Alt +.20

	Sc 1	Sc. 2	Cu.	Magn	Sc. 1	P.C	Sc. 2	Cu	
	2.5								
α	2.3		5.40	7.90			7.8	0.06	7.86
	2.8								
β	2.6		5.36	8.16			8.4	-.005	8.35
	4.0								
γ	3.8		5.06	9.06			9.1	-0.16	8.94
	5.5								
a	5.3	5.5° 00 5.5	4.51	10.01			n.s	.	.
	5.0								
b	4.8	5.05 01 5.1	4.69	9.74			9.8	-.014	9.66
	6.3								
c	6.1	6.35 10 6.4	4.22	10.57					
	6.1								
d	5.9	6.10 00 6.1	4.30	10.40					
e		7.8	3.95	11.75					
f		7.8	3.95	11.75					
g		7.8	3.95	11.75					
h		8.3	3.96	12.26					
k		8.6	3.99	12.59					
l		9.1	4.10	13.20					
m		9.5	4.23	13.73					
n		9.6	4.27	13.87					
o		9.5	4.25	13.75					
p		9.5 ~~9.9~~	4.23	13.73					
q		9.7	4.30	14.00					
r		9.9	4.40	14.30					
s		9.9	4.40	14.30					

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1915phae.proj.1020L

Saturday, Feb. 5, 1916

Scale m mc 8801 (cont)

	Sc.1	Sc.2	Sc.1	Sc.2		
	g		h		Cu.	
	6.7					
α	6.5	6.7	00	6.7	0.74	7.44
β	7.5	7.5	00	7.5	0.55	8.05
γ	8.7	8.7	00	8.7	0.40	9.10
a	9.8	9.8	00	9.8	0.42	10.22
b	9.5	9.4	0 1½	9.3	0.40	9.80
c	9.8	J. P			0.42	10.22
d	9.9	9.8	0 1½	9.7	0.42	10.22
e	7	7			.	.

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1915phae.proj.1020L

Saturday, Feb. 5, 1916

Scale m MC 8801 (cont.) Ref. seq. Alt. corr. +.20

	Sc.1		Sc.2	Cu	Magn	Sc.1	P.C.	Sc.2	Cu	Magn
	18					7.0				
1	1.6			5.44	7.24	6.8	7.05 01	7.1	0.25	7.35
2	24 2.2			5.41	7.81			7.3	0.19	7.49
3	25 2.3			5.40	7.90			7.7	0.09	7.79
3a	31 2.9			5.31	8.41			8.5	-0.07	8.43
3b	46 4.4	4.55 01 L	4.5	4.88	9.43			9.1	-0.17	8.93
4	40 3.8	4.05 01	4.1	5.04	9.09			9.4	-0.17	9.23
5	5.6 5.4	5.65 01	5.7	4.46	10.11			F	.	.
5a	6.5 6.3	6.40 1 L	6.3	4.20	10.60			F	.	.
6	5.6 5.4	5.55 01 L	5.5	4.49	10.04			9.9	-0.13	9.77
7	4.0 3.8	4.05 01	4.1	5.04	9.09			9.2	-0.17	9.03
8	5.5 5.3	5.50 00	5.5	4.50	10.00			F	.	.
9	5.7 5.5	5.60 1 L	5.5	4.47	10.07			F	.	.
10	7.1 6.9	7.10 00	7.1	4.04	11.14					
10a			7.5	3.98	11.48					
11			7.7	3.95	11.65					
12			7.9	3.94	11.84					
13			8.5	3.98	12.48					
14			8.5	3.98	12.48					
15			8.9	4.03	12.93					
16			9.2	4.12	13.32					
17			9.5	4.23	13.73					
18			9.9	4.40	14.30					

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Saturday, Feb. 5, 1916

Scale m MC 8801 (cont) diff. images alt. corr. +.20

	Sc 1 Sc. 2 g	Sc. 1 Sc 2 n	Qu.	Magn
1	5.7 5.90 00	5.7	1.05	6.95
2	6.7 6.5 6.70 00	6.7 6.5	0.74	7.44
3	7.0 6.8 7.05 01	7.1 6.9	0.64	7.69
3a	7.8 7.85 01	7.9	0.50	8.35
3b	8.9 9.00 11	9.1	0.34	9.39
4	8.8 8.80 00	8.8	0.40	9.20
5	9.4 9.45 01	9.5	0.40	9.85
5a	9.9 9.90 00	9.9	0.43	10.33
6	9.6 J.P		0.40	10.00
7	8.7 8.75 10	8.8	0.39	9.14
8	9.5 9.50 00	9.5	0.40	9.90
9	9.5 9.50 00	9.5	0.40	9.90
10	F	F	,	.

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Saturday, Feb. 5, 1916

Scale m | mc 8802 | Pole

	Sc.1		Sc.2
5	B		
6	1.7 1.5		
8	3.0 2.8		
9	3.8 3.6		
10	4.0 3.8		B
11	4.1 4.5	4.10 00	4.7
12	5.0 4.8	5.05 01	5.1
13	6.0 5.8	5.95 01	5.9
14	6.3 6.1	6.40 11	6.5
15	6.9 6.7	6.90 00	6.9
16			7.3
17			7.6
18			8.2
19			8.5
20			8.5
23			9.3
25			9.6
26			9.9
27			F
28			

Sc.1	P.C	Sc.2
6.0 5.8	5.95 01	5.9
6.7 6.5	6.70 00	6.7
		8.1
		8.9
		9.3
		9.8
		9.8
		F

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Saturday, Feb. 5, 1916

Scale m MC 8802 (cont.) diff. images

	Sc1 Sc2	Sc1 Sc2
✗	g	h
5	4.5 4.80 (47 1 49)	4.7
6	5.8 600 (60 00 60)	5.8
8	7.6 760 00	7.6
9	8.5 850 00	8.5
10	8.7 860 11	8.5
11	8.8 885 01	8.9
12	9.4 935 01	9.3
13	9.8 985 01	9.9
14	F	7
15		

1.25

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1915phae.proj.1020L

1.20
~~1.50~~

Monday, Feb. 7, 1916

Sheet No 2167

Scale m

MC 9979 Pole Series MC 601

	Sc.1	Sc.2	MC 9984 +108	Diff	Sc.1	P.C.	Sc.2	9984 +108	Diff
5	B		. .	.	4.7 4.5	4.75 L 0	4.8	5.00	4.88 13 12 1.61
6	B		. .	.	5.7 5.5	5.70 0 0	5.7	5.65	5.68 02 03 1.43
8	2.7 2.5		2.5	2.60 1 1 5.63	7.1 6.9	7.10 0 0	7.1	7.3	7.20 10 10 1.03
9	2.9 2.7		3.0	2.95 1 0 5.88			7.7	7.8	7.75 1 0 1.08
10	2.9 2.7		3.0	2.95 1 0 6.07			7.9	7.9	7.90 0 0 1.12
11	3.0 2.8		3.6	3.30 3 3 6.25			8.5	8.6	8.55 1 0 1.00
12	3.7 3.5		3.8	3.75 1 0 6.11			8.8	8.5	8.65 2 1 1.21
13	4.0 3.8	B	4.40	4.20 20 20 6.10			9.3	9.3	9.30 0 0 1.00
14	4.5 4.3	4.5° 0 0 4.5	5.10	4.80 30 30 5.85			9.5	9.3	9.40 1 1 1.25
15	5.1 4.9	5.1° 5 1 0 5.2	5.55	5.35 20 20 5.73			9.9	9.9	9.90 0 0 1.18
16	5.6 5.4	5.5° 5 0 1 5.5	5.90	5.72 17 18 5.68			F	7	. .
17	6.7 5.5	5.7° 5 1 0 ~~7.0~~ 5.8	6.40	6.08 33 32 5.55					
18	6.7 6.5	6.6° 1 1 6.5	6.95	6.78 18 17 5.28					
19	7.0 6.8	7.0° 5 0 1 7.1	7.3	7.18 13 12 5.24					
20		7.5	7.7	7.60 1 1 5.13					
23		8.5 ~~9.1~~	7.9	8.20 3 3 5.14					
25		9.1	8.9	9.00 1 1 4.87					
26		9.5	9.5	9.50 0 0 4.83					
27		9.7	9.7	9.70 0 0 4.99					
28		9.8 9	9.8	9.85 1 0 5.26					
29		F	. 7	.					

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1915phae.proj.1020L

Monday, Feb. 7, 1916

: Scale m MC 9979 (cont.) diff. images

	Sc.1	Sc.2	Sc.1	Sc.2		9984 p 109				Diff
	4.5 g			h						
5	4.3	4.40	1.1	4.3	4.1	4.30	4.35	05	05	2.14
6	4.9	4.7	5.00	1.1	5.1 4.9	5.10	5.05	05	05	2.06
8	6.9	6.7	6.90	00	6.9 6.7	7.00	6.95	05	05	1.28
9		7.5	7.50	00	7.5	7.80	7.65	15	15	1.18
10		7.5	7.50	00	7.5	7.80	7.65	15	15	1.37
11		~~7.9~~ 8.5	8.50	00	8.5	8.50	8.50	00	00	1.05
12		8.9	8.80	1.1	8.7	8.60	8.70	10	10	1.16
13		9.2	9.25	0.4	9.3	9.15	9.20	05	05	1.10
14		J.P.			9.4	9.75	9.58	18	17	1.07
15		9.7	9.70	00	9.7	9.75	9.72	02	03	1.36
16		9.9	F			9.90	9.90	00	00	1.50
17		9.9	F			7	9.90	2	,	1.73

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Monday, Feb. 7, 1916

Scale m MC9980 DM Alt. cw. + 21

	Sc.1	Sc.2	Cw	Magw	Sc.1	P.C	Sc.2	Cw	
	16				6.5				
1	1.3		.	.	6.3	650 00	6.5	1.24	7.74
2	2.5 2.3		.	.			7.7	1.06	8.76
3	3.1 2.9		6.11	9.21			8.7	1.09	9.79
4	3.7 3.5		6.12	9.82			9.1	1.12	10.22
5	4.1 3.9 4.10 00	4.1	6.04	10.14			9.5	1.18	10.68
6	5.4 5.2 5.45 01	5.5	5.68	11.13			F	.	.
7	5.7 5.5 5.60 11	5.5	5.62	11.22			F	.	.
8	6.7 6.5 6.60 11	6.5	5.34	11.94					
9	6.5 6.3 6.50 00	6.5	5.38	11.88					
10	6.5 6.3 6.50 00	6.5	5.38	11.88					
11	6.5 6.3 6.60 11	6.7	5.34	11.94					
12	7.0 6.8 7.05 01	7.1	5.22	12.27					
13	7.0 6.8 6.95 01	6.9	5.26	12.21					
14		7.6	5.10	12.70					
15		8.5	4.95	13.45					
16		8.5	4.95	13.45					
17		8.7	4.92	13.62					
18		8.8	4.91	13.71					
19		9.3	4.89	14.19					
20		9.9	5.21	15.11					

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1915phae.proj.1020L

Monday, Feb. 7, 1916

Scale no MC 9980 (cont.) diff. images

Alt. corr. +21

	Sc.1	Sc.2	Sc.1	Sc.2		Cw.	
	5.1	g		h			
	~~6.1~~ 5.5						
1		5.65	10	5.6	5.4	1.78	7.43
2		7.31	30	00	7.3	1.24	8.54
3		8.68	60	00	8.6	1.10	9.70
4		9.19	00	1½	8.9	1.10	10.10
5		9.69	65	01	9.7	1.23	10.88
6		9.99	90	00	9.9	1.55	11.45

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1915phae.proj.1020L

Monday. Feb. 7, 1916

Scale m MC 9981 DM Alt. corr. +.19

	Sc.1		Sc.2	Cu	Magn	Sc.1	P.C	Sc.2	Cu	
	2.1					7.1				
1	1.9			.	.	6.9	7.1 0 0	7.1	1.12	8.22
	2.9									
2	2.7			6.00	8.90			8.3	1.08	9.38
	3.0									
3	2.8			6.07	9.07			8.5	1.09	9.59
	3.9									
4	3.7			6.09	9.99			9.1	1.12	10.22
	5.0									
5	4.8	4.95 0	4.9	5.81	10.76			9.9	1.28	11.18
	5.6									
6	5.4	5.55 0	5.5	5.64	11.29			9.9	1.28	11.18
	5.5							F	.	.
7	5.3	5.50 0	5.5	5.66	11.16					
	5.9									
8	5.7	5.85 1 0	5.8	5.56	11 41					
	6.1									
9	5.9	6.00 1 1	5.9	5.51	11.51					
	7.1									
10	6.9	7.10 0 0	7.1	5.21	12.31					
	6.9		6.9							
11	6.7	6.90 0 0	6.8	5.27	12.17					
	7.0		6.9							
12	6.8	6.95 0 1	6.8	5.26	12.21					
13			7.8	5.07	12.87					
14			7.9	5.05	12.95					
15			7.9	5.05	12.95					
16			7.8	5.07	12.87					
17			8.5	4.95	13.45					
18			8.9	4.90	13.80					
19			9.3	4.89	14.19					
20			9.8	5.72	14.92					

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Monday, Feb. 7, 1916

scale m MC 9981 (cont.) diff. images

alt. cor. +.19

	Sc.1	Sc.2	Sc.1	Sc.2		Cw.	Magn
1	6.7 9 6.5	6.75	L 0.68	6.6	h	140	8.15
2	7.67	60	00	7.6		120	880
3	8	8.10	00	8.1		112	922
4	8.8	87	50	87		110	985
5	9.5	9.50	00	9.5		118	1068
6	9.8	9.85	01	9.9		146	1131
7	9.8	9.85	01	9.9		146	1131
8	9.9	9.90	00	9.9		155	1145

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Monday, Feb. 7, 1916

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Scale m MC 9982 Carte 11 0 - 2.5 Alt + 04

	Sc.1	S2	Cu	Magn	Sc.1	P.C	Sc.2	Cu	
1	1.3 (1.5)		.	.	5.5 (5.7)	5.75 L0	5.8	1.40	7.15
2	1.7 (1.9)		.	.	6.3 (6.5)	6.40 1 L	6.3	1.24	7.64
3	2.5 (2.7)		5.80	8.50			7.7	1.06	8.76
4	2.7 (2.9)		5.99	8.89			7.7	1.06	8.76
5	2.7 (2.9)		5.99	8.89			7.8	1.06	8.86
6	2.8 (3.0)		6.07	9.07			8.5	1.09	9.59
7	3.4 (3.6)		6.14	9.74			8.6	1.09	9.69
8	3.9 (4.1) 4.10 00	4.1	6.04	10.14			9.5	1.17	10.67
9	3.8 (4.0)	B	6.06	10.06			9.5	1.17	10.67
10	4.5 (4.7) 4.75 L0	4.8	5.86	10.61			9.9	1.28	11.18
11	5.5 (5.7) 5.70 00	5.7	5.60	11.30					
12	5.3 (5.5) 5.50 00	5.5	5.66	11.16					
13		6.9	5.26	12.16					
14		7.8	5.07	12.87					
15		7.8	5.07	12.87					
16		7.9	5.05	12.95					
17		8.6	4.93	13.53					
18		9.3	4.89	14.19					
19		9.7	5.03	14.73					
20		9.9	5.21	15.11					

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Monday, Feb. 7, 1916

Scale m MC 9988 (cont.) diff. images

alt. corr. +.04

	Sc.1	Sc.2	Sc1 Sc2		Cw	Magn
1	4.8	5.00	4.8	50	200	7.00
2	5.3	5.50	5.3	55	184	7.34
3	7.5	7.50	7.5	00	121	8.71
4	7.5	7.40	7.3	1L	122	8.62
5	7.8	7.65	7.5	2L	119	8.84
6	8.5	8.40	8.3	1L	110	9.50
7	8.5	8.50	8.5	00	110	9.60
8	9.6	9.65	9.7	01	123	10.88
9	9.5	9.50	9.5	00	117	10.67
10	9.8	9.75	9.7	01	135	11.10
11	9.9	9.90	9.9	00	155	11.45
12	9.9	9.90	9.9	00	155	11.45

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Monday, Feb. 7, 1916

Scale m MC 9984 Pole

	Sc.1		Sc.2
5	B		
6	B		
8	2.3		
9	2.8		
10	2.8		
11	3.4		
12	3.6		
13	4.3	440 1 1	4.3
14	5.9	5.10 00	5.1
15	5.4	5.56 0 1	5.5
16	5.7	5.90 00	5.9
17	6.3	6.40 1 1	6.3
18	6.8	695 0 1	6.9
19			7.3
20			7.7
23			7.9
25			8.9
26			9.5
27			9.7
28			9.8

Sc.1	P.C	Sc.2
4.7	5.00 1 1	5.1
~~5.5~~	5.65 1 0	5.6
		7.3
		7.8
		7.9
		8.6
		8.5
		9.3
		9.3
		9.9
		7

See p. 100

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Monday, Feb. 7, 1916

Scale m Mc 9984 (Cont.) diff. images

	Sc.1	Sc.2	Sc.1	Sc.2
5	4.1	43 00	4.3	4.1
6	4.9	51 00	5.1	4.9
8	6.8	70 00	7.0	6.8
9	7.8	80 00	8.0	7.8
10	7.8	80 00	8.0	7.8
11	8.5	85 00	8.5	8.5
12	8.5	86 00	8.6	8.7
13	9.1	91 50	9.2	9.2
14	9.8	97 50	9.7	9.7
15	9.8	97 50	9.7	9.7
16	9.9	99 00	9.9	9.9
17	F		F	

2.55

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1915phae.proj.1020L

Wednesday, Feb. 9, 1916

11.35

Sheet No 267

Scale m | MC 9887 | Pole | Series MC 593

	Sc 1	X	Sc 2	9892 for 118				Diff	Sc 1	P.C.	Sc. 2	9892 for 118				Diff
5	B			.		.		.	4.7 4.5	4.70 00	4.7	4.50	4.60	10	10	1.89
6	B			.		.		.	5.1 4.9	5.30 22	5.5	5.50	5.40	10	10	1.71
8	1.8 1.6			21	1.95	2	1	6.28	7.1 6.9	7.10 00	7.1	7.05	7.08	02	03	1.15
9	2.7 2.5			27	2.70	0	0	6.13			7.9	7.8	7.85	1	0	0.98
10	2.7 2.5			2.7	2.70	0	0	6.32			8.3	7.8	8.05	3	2	0.97
11	3.5 3.3			3.1	3.30	2	2	6.25			8.9	8.7	8.80	1	1	0.75
12	3.9 3.7			3.7	3.80	1	1	6.06			9.3	8.9	9.10	2	2	0.76
13	4.0 3.8		B	4.20	4.10	1	0	6.20			9.8	9.5	9.65	2	1	0.65
14	4.7 4.5	4.70 00	4.7	.	4.70	0	.	5.95			F	9.8	9.80	.	0	0.85
15	5.1 4.9	5.30 22	5.5	5.05	5.18	12	13	5.90				9.9	9.90	.	0	1.18
16	5.7 5.5	5.70 00	5.7	5.50	5.60	10	10	5.80								
17	6.1 5.9	6.30 22	6.5	5.80	6.05	25	25	5.58								
18	7.1 6.9	7.00 11	6.9	6.50	6.75	25	25	5.31								
19	6.		7.3	7.3	7.30	0	0	5.12								
20			7.9	7.5	7.70	2	2	5.03								
23			8.9	8.3	8.60	3	3	4.74								
25			9.3	9.2	9.25	1	0	4.62								
26			9.7	9.8	9.75	1	0	4.58								
27			F	9.9	9.90	.	0	4.79								
28				7	.		.									

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Wednesday, Feb. 9, 1916

Scale m MC 9887 (cont.) diff. images

	Sc1 Sc2 g	Sc1 Sc2 w	9892 fw119				Diff
5	3.7 3.8 0 1.1	3.7 3.5	4.05	3.92	12	13	2.57
6	4.7 4.5 1.0	4.8 4.6	4.70	4.72	03	02	2.39
8	6.7 6.5 1.0	6.8 6.6	6.70	6.72	03	02	1.51
9	7.7 7.5 1.0	7.8	7.50	7.62	13	12	1.21
10	7.9 7.9 0 0	7.9	7.55	7.72	18	17	1.30
11	8.7 8.5 1.0	8.8	8.50	8.62	13	12	0.93
12	8.9 9.0 1.1	9.1	8.70	8.85	15	15	1.01
13	9.5 9.5 0 0	9.5	9.40	9.45	05	05	0.85
14	9.9 9.9 0 0	9.9	9.65	9.78	12	13	0.87
15	F	F	9.80	9.80	.	a	1.28
16			9.9	9.90	.	a	1.50

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Ser 593

Scale m MC 9888 Carte $23^h 0^m + 10°$ Alt. corr. +.09

	Sc 1		Sc 2	Cu.	Magn	Sc 1	PC		Sc 2	Cu.	
	1.5					6.0					
1	1.3			.	.	5.8	5.90	1	5.8	1.54	7.34
	3.5										
2	3.3			6.20	9.70				8.6	0.81	9.41
	3.9										
3	3.7			6.14	10.04				9.3	0.74	10.04
	5.0										
4	4.8	5.05	01	5.90	10.95				9.9	1.03	10.93
	5.3										
5	5.1	5.30	00	5.83	11.13				T	.	.
	6.5										
6	6.9	5.95	1/2	5.60	11.55						
	6.7										
7	6.5	6.10	00	5.33	12.03						
	7.1										
8	6.9	7.10	00	5.19	12.29						
9				4.95	12.85						
10				4.79	13.29						
11				4.70	13.50						
12				4.64	13.74						
13				4.61	14.11						
14				4.61	14.11						
15				T	.						

Remeas. July 5. 1916.
Lo. Obsr.
O Recorder

	Sc 2	
13	9.7	
14	9.6	no error in original measures.
15	9.9	

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Wednesday, Feb. 9, 1916

Scale m MC 9888 (cont.) diff. images

alt. corr. +.09

	Sc 1	Sc 2	Sc 1	Sc 2		Au	Magn
	g		h				
1	4.9	5.10	00	4.9	5.1 5.1	2.20	7.30
2	8.78	60	11	85		0.98	9.58
3	8.98	90	00	8.9		0.94	9.84
4	9.99	90	00	9.9		1.12	11.02
5	9.99	90	00	9.9		1.12	11.02
6	F1		F1			.	.

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Wednesday, Feb 9, 1916

Cond

Scale m MC 9891 SW Cass. Ref Seq Alt. corr. +.18

	Sc 1	Sc 2	Cu.	Magn	Sc 1	P.C.	Sc 2	Cu	Magn
	2.8								
1	2.6		6.26	9.06			7.9	0.96	8.86
2	3.1 2.9		6.25	9.35			8.7	0.30	9.00
3	3.8 3.6		6.1 5	9.95			8.9	0.26	9.16
4	3.9 3.7		6.14	10.04			9.3	0.24	9.54
	4.3 4.1								
5	4.2 4.0 1L	4.1	6.09	10.29			9.5	0.38	9.88
6	5.3 5.1 5.30 00	5.3	5.83	11.13			9.9	1.03	10.93
7	6.0 5.8 5.85 2L	5.7	5.53	11.38					
8	6.5 6.3 6.50 00	6.5	5.40	11.90					
9	6.7 6.5 6.70 00	6.7	5.33	12.03					
10		7.4	5.09	12.49					
11		7.5	5.06	12.56					
12		7.7	5.00	12.70					
13		7.7	5.00	12.70					
14		7.9	4.95	12.85					
15		8.5	4.79	13.29					
16		8.9	4.69	13.59					
17		9.1	4.64	13.74					
18		9.3	4.61	13.91					
19		9.8	4.69	14.49					
20		9.9	4.72	14.62					

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1915phae.proj.10201

Wednesday, Feb 9, 1916

Scale m mc 9891 (cont.) diff. images
alt. corr. +.18

	Sc 1	Sc 2	Sc 1 − Sc 2		Cu.	Magn
	q		n			
1	~~7.7~~	7.7		J P	1.18	8.88
2	8.4	8.35	0½	8.3	1.03	9.38
3	8.9	8.90	00	8.9	0.94	9.84
4	9.19	10.00		9.1	0.91	10.01
5	9.39	8.80	0	9.3	0.90	10.20
6	J P	9.9			1.12	11.02

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Ser. 593 Cancel

Scale m MC 9891 SW Cass. Variable Sequence Alt. corr. +.18

	Sc. 1	Sc. 2	Cw.	Magn	Sc. 1	P.C.	Sc. 2	Cw.	Magn
	1.9								
a	2.7		6.26	9.16			7.8	0.99	8.79
b	3.3 1		6.23	9.53			8.3	0.88	9.18
c	4.8 5.0 5.05 01	5.1	5.90	10.95			9.9	1.03	10.93
d	3.7 3.9	B	6.14	10.04			8.8	0.78	9.58
e	5.3 5.5 55° 00	5.5	5.77	11.27			F	.	.
f	6.9 7.1 7.10 00	7.1	5.19	12.29					
g		7.3	5.12	12.42					
h		7.7	5.00	12.70					
k		8.3	4.84	13.14					
l		8.7	4.72	13.42					
m		8.8	4.70	13.50					
n		9.8 5	4.61	1411					
o		9.6	462	1422					
p		9.9 X	472	1462					
q		F	.	.					

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Wednesday, Feb. 9, 1916

Scale m MC 9891 (cont.) diff. images alt. corr. +18

		Sc 1 Sc. 2	Sc 1 Sc 2		
		g	h	Cu.	
a	7.37	30 00	7.3	1.30	8.60
b	7.97	85 10	7.8	1.13	8.98
c	9.59	50 00	9.5	0.91	10.41
d	8.78	10 00	8.7	0.97	9.67
e	9.8		J.P	0.93	10.73
f	F		F	.	.

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Wednesday, Feb. 9, 1916

Scale m MC 9892. Pole

	Sc 1	Sc 2
5	B	
6	B	
8	1.9	
9	2.5	
10	2.5	
11	2.9	
12	3.5	
13	4.1 4.20 11	4.1
14	4.9	J.P
15	4.8 5.05 01	5.1
16	5.3 5.50 00	5.5
17	5.7 5.80 11	5.7
18	6.3 6.50 00	6.5
19		7.3
20		7.5
23		8.3
25		9.2
26		9.8
27		9.9
28		~~P~~

Sc 1	DC.	Sc 2
4.3	4.50 00	4.5
5.3	5.50 00	5.5
6.8	7.05 01	7.1
		7.8
		7.8
		8~~8~~.7
		8.9
		9.5
		9.8
		9.9

See p 110

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1915phae..proj..1020L

Wednesday, Feb. 9, 1916

Scale m MC 9892 (cont.) diff: images

	Sc.1	Sc.2	Sc1–Sc2
	g		h
5	3.9	4.05 10	4.0 / 3.8
6	4.7 / 4.5	4.70 00	4.7 / 4.5
8	6.7 / 6.5	6.70 00	6.7 / 6.5
9	7.5	7.50 00	7.5
10	7.5	7.55 10	7.6
11	8.5	8.50 00	8.5
12	8.6	8.70 11	8.8
13	9.5	9.40 11	9.3
14	9.7	9.65 10	9.6
15	9.8	9.80 00	9.8
16	F		9.9

12.55

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1915phae.proj.1020L

8.55

Friday. Feb. 11, 1916

Sheet No 268

Scale m

	MC 9892 Sc.1	Sc.2	Pole 9898 fr 138		Diff	Series MC 593 Sc.1	P.C.	Sc.2	9898 fr 138		Diff
5	B		.	.		4.1 3.9	4.20 1 1	4.3	4.70	4.45 25 25	2.04
6	1.5 1.3		.	1.50 a .	5.61	5.5 5.3	5.50 0 0	5.5	5.30	5.40 10 10	1.71
8	2.3 2.1		2.1	2.20 1 1	6.03	6.9 6.7	6.90 0 0	6.9	7.10	7.00 10 10	1.23
9	2.5 2.3		2.7	2.60 1 1	6.23			7.8	7.8	7.80 0 0	1.03
10	3.1 2.5		2.9	2.80 1 1	6.22			7.9	7.9	7.90 0 0	1.12
11	3.5 3.1		3.7	3.50 2 2	6.05			8.8	8.7	8.75 0 1	0.80
12	4.1 3.5	B	3.9	3.80 1 1	6.06			9.3	8.9	9.10 2 2	0.76
13	4.3 4.1 4.20 1 1	4.1	4.50	4.35 15 15	5.95			9.5	9.5	9.50 0 0	0.80
14	J P	J.P	5.15	5.15 . a	5.50			9.9	9.8	9.85 1 0	0.80
15	5.1 4.9 5.20 1 1	5.3	5.75	5.48 28 27	5.60			F	9.9	9.90 . a	1.18
16	5.5 5.3 5.50 0 0	5.5	6.60	6.05 55 55	5.35				7	.	,
17	5.9 5.7 5.80 1 1	5.7	6.80	6.30 50 50	5.33						
18	6.5 6.3 6.65 1 2	6.8	7.4	7.02 37 38	5.04						
19	6.9 6.7 7.00 1 1	7.1	7.7	7.35 35 35	5.07						
20		7.5	7.9	7.70 2 2	5.03						
23		8.5	8.5	8.50 0 0	4.84						
25		9.1	9.1	9.10 0 0	4.77						
26		9.6	9.7	9.65 0 1	4.68						
27		9.7	9.9	9.80 1 1	4.89						
28		F	9.9	9.90 . a	5.21						

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1915phae.proj.1020t

Friday, Feb 11, 1916

Scale m MC 9892 (cont.) diff. images

	Sc 1	Sc 2	h	Sc 1	Sc 2	9898 Ju 139				Diff.
	4.1 g									
5	3.9	4.1	0 0	4.1	3.9	4.20	4.15	05	05	2.34
6	5.1 4.9	5.2	0 1	5.3	5.1	5.10	5.15	05	05	1.96
8	6.7 6.5	6.8	0 1	6.9	6.7	6.80	6.80	00	00	1.43
9	7.5	7.5	0 0		7.5	7.80	7.65	15	15	1.18
10	7.7	7.8	0 1		7.9	7.80	7.80	00	00	1.22
11	8.5	8.5	0 0		8.5	8.65	8.58	08	07	0.97
12	9.1	8.9	0 1	2	8.8	8.80	8.88	07	08	0.98
13	9.5	9.5	0 0		9.5	9.50	9.50	00	00	0.80
14	9.8	9.8	0 0		9.8	9.55	9.68	12	13	0.97
15	9.9	9.9	0 0		9.9	9.85	9.85	02	03	1.20
16	F		F			9.90	9.90	.	a	1.50

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Friday, Feb. 11, 1916 Card.

Scale m mc 9893 ϕ J.W.And. ref. reg. Alt. corr. +18

	Sc.1	Sc.2	Cw.	Magn	Sc.1	P.C.	Sc.2	Cw.	Magn
	1.7				4.1				
1	1.5		5.82	7.52	6.9	41° 00	7.1	1.20	8.30
2	2.9 2.7		6.20	9.10			8.5	0.85	9.35
3	2.8 2.6		6.19	8.99			8.7	0.81	9.51
4	3.1 2.9		6.17	9.27			9.1	0.78	9.88
5	3.5 3.3		6.09	9.59			9.3	0.79	10.09
6	3.7 3.5	B	6.03	9.73			9.6	0.80	10.40
7	4.5 4.3 4.4	4.3	5.83	10.23			9.9	1.01	10.91
8	5.7 5.5 5.7 00	5.7	5.45	11.15					
9	5.7 5.5 5.7 00	5.7	5.45	11.15					
10	5.9 5.7 5.8 10	5.8	5.41	11.26					
11	6.7 6.5 6.7 00	6.7	5.20	11.90					
12	6.9 6.7 6.9 00	6.9	5.85	12.05					
13		7.5	5.01	12.51					
14		7.6	5.00	12.60					
15		7.8 7.5	4.95	12.75					
16		8.3	4.87	13.17					
17		8.8	4.80	13.60					
18		9.1	4.77	13.87					
19		9.6	4.81	14.41					
20		9.9	5.19	15.09					

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Friday, Feb. 11, 1916

Scale m MC 9893 (cont.) diff. images

Alt. corr. +18

	Sc 1	Sc 2	Sc 1	Sc 2	Cw	Magn
	g		h			
1	6.5	67 00	6.5	67	1.19	8.19
2	7.8	78 01	7.9		1.16	9.01
3	8.1	81 00	8.1		1.10	9.20
4	8.5	85 00	8.5		1.01	9.51
5	8.8	88 01	8.9		0.96	9.81
6	9.3	94 01	9.5		0.95	10.35
7	9.8	98 01	9.9		1.12	10.97
8	F		F		,	,

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Friday, Feb. 11, 1916

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Card.

Scale m MC 9893 JW and. Variable Sequence Alt. corr. +.18

	Sc. 1	Sc. 2	Cu.	Magn	Sc. 1	P.C.	Sc. 2	Cu	Magn
	2.0								
a	1.8		6.00	8.00			7.7	1.04	8.74
	2.5								
b	2.3		6.15	8.65			7.8	1.00	8.80
	2.8								
c	2.6		6.19	8.99			8.3	0.88	9.18
	3.5								
d	3.3		6.09	9.59			8.7	0.82	9.52
	3.7								
e	3.5		6.03	9.73			9.1	0.78	9.88
	3.8								
f	3.6	B	6.00	9.80			9.3	0.79	10.09
	4.9								
g	4.7	5.10 2 2	5.3	5.63			9.9	1.01	10.91
	5.7								
h	5.5	5.60 1 1	5.5	5.48					
	6.5								
k	6.3	6.50 0 0	6.5	5.24					
	6.7								
l	6.5	6.90 2 2	7.1	5.15					
m			7.7	4.98					
m^2			7.8	4.95					
n			8.3	4.87					
o			8.8	4.80					
p			9.1	4.78					
			9.5						
q			9.2	4.77					
r			9.7	4.85					

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1915phae.proj.1020t

Friday, Feb. 11, 1916

Scale m MC 9893 (cont.) diff. images Alt. corr. +.18

	Sc. 1 Sc. 2 g	Sc. 1 Sc. 2 h	Cu.	Magn
a	6.9 7.1 00	6.9 7.1	1.36	8.46
b	7.3 7.4 01	7.5	1.28	8.68
c	7.7 7.5 10	7.8	1.19	8.94
d	8.6 8.5 01	8.7	0.89	9.64
e	8.6 8.5 01	8.5	1.00	9.55
f	9.3 9.1 02	8.4	0.94	10.04
g	9.8 9.8 01	9.9	1.13	10.98
h	7.	F	.	.

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Fobiday, Feb. 11, 1916

Scale m | MC 9894 | SW Androm. | Ref. sequence | alt. corr. +.18

	Sc. 1	Sc. 2			Sc. 1	P.C.	Sc. 2	Cu	Magn
					3.3		B	.	.
α			.	.	3.1				
β			.	.	5.0 4.8	5.15 L1	5.3	1.82	6.97
δ	1.8 1.6		5.90	7.70	6.7 6.5	6.75 LO	6.8	1.30	8.10
1	2.5 2.3		6.15	8.65			7.6	1.07	8.67
2	2.7 2.5		6.19	8.89			7.9	0.99	8.89
3	3.1 2.9		6.17	9.27			8.8	0.80	9.60
4	3.7 3.5		6.03	9.73			9.1	0.78	9.88
5	3.8 3.6	B	6.00	9.80			9.3	0.79	10.09
6	4.3 4.1 4.40 L1	4.5	5.84	10.24			J.P	.	.
7	4.7 4.5 4.80 L1	4.9	5.72	10.52			9.4	1.01	10.41
8	4.9 4.7 5.00 L1	5.1	5.66	10.66					
9	5.7 5.5 5.70 00	5.7	5.45	11.15					
10	6.8 6.6 6.80 00	6.8	5.17	11.97					
11	6.7 6.5 6.75 LO	6.8	5.19	11.94					
12	7.0 6.8 7.05 01	7.1	5.11	12.16					
13		7.5	5.01	12.51					
14	7.8 →		4.95	12.75					
15		8.9	4.79	13.69					
16	✗	9.5	4.77	14.27					
17		9.8	5.00	14.80					

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Friday, Feb. 11, 1916

Scale m MC 9894 (cont.) diff. images

alt. corr. +.18

	Sc.1	Sc.2	Sc.1	Sc.2	h	Cu	Magn
	g						
	3.1				3.1		
α	2.9	3.1	00		2.9	.	.
	45				43		
β	4.3	44	01		4.1	2.21	6.61
	57				57		
δ	5.5	57	00		5.5	1.80	7.50
1	7.5	74	01		7.3	1.27	8.67
2	7.6	75	80	1	7.5	1.24	8.79
3	8.5	86	01		8.7	1.00	9.60
4	8.9	88	01		8.7	0.97	9.77
5	8.9	90	01		9.1	0.94	9.94
6	9.8	98	00		9.8	1.10	10.90
7	9.8	98	00		9.8	1.10	10.90
8	9.8	98	50	1	9.9	1.15	11.00
9	9.9	99	00		9.9	1.20	11.10
10	T7		T7			.	.

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Friday. Feb. 11, 1916

Cand.

Scale m MC 9894 SW and. Variable Sequence Alt. corr. +.18

	Sc.1	Sc.2	Cw.	Magn.	Sc.1	P.C.	Sc.2	Cw	Magn
a	2.1 1.9		6.03	8.13			7.3	1.13	8.43
b	3.1 2.9		6.16	9.26			9.1	0.78	9.88
c	2.3 2.1		6.10	8.40			7.9	0.99	8.89
c'	3.5 3.3		6.09	9.59			8.8 ~~9.3~~	0.80	9.60
d	3.7 3.5		6.03	9.73			9.3	0.79	10.09
d'	4.7 4.5 47° 00	4.7	5.75	10.45			9.9	1.01	10.91
e	5.0 4.8 5.15 2 1	5.3	5.61	10.76			F	.	.
f	5.9 5.7 58° 1 1	5.7	5.42	11.22					
g	6.7 6.5 66° 1 1	6.5	5.82	11.82					
h	6.7 6.5 66° 1 1	6.5	5.22	11.82					
k	7.1 6.9 70° 1 1	6.9	5.12	12.12					
l		7.3	5.06	12.36					
m		8.1	4.90	13.00					
n		8.5	4.84	13.34					
o		8.5	4.84	13.34					
p		9.3	4.76	14.06					
q		9.5	4.77	14.27					
r		9.6	4.79	14.39					
s		9.8	5.00	14.80					
t		9.9	5.19	15.09					
u		9.9	5.19	15.09					

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Scale m mc 9894 (cont.) diff. images

Alt. corr. +18

	Sc.1	Sc.2	Sc 1 Sc 2		Cw	Magn
a	6.8	7.0 7.0 5	6.9	h 1 7 1	1.38	843
b	8.8	8.7 5 0	8.7	1	0.98	9.73
c	7.6	7.5 5 0	7.5	1	1.24	8.79
c'	8.7	8.7 0 0	8.7		0.99	9.69
d	9.5	9.5 0 0	9.5		0.98	10.48
d'	9.7	9.6 5 1 0	9.6		1.00	10.65
e	9.9	9.9 0 0	9.9		1.20	11.10
f	∓		7		.	.

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Friday, Feb. 11, 1916 Card.

scale m MC 9895 J.4 Cars. Ref. sequence alt. corr. +.20

	Sc.1	Sc.2	Cu.	Magn	Sc.1 P.C.	Sc.2	Cu	Magn
1	2.5 2.3		6.15	8.65		7.3	1.14	8.44
2	2.7 2.5		6.19	8.89		8.3	0.88	9.18
3	3.3 3.1		6.12	9.42		8.6	0.83	9.43
4	3.9 3.7		5.99	9.89		8.9	0.79	9.69
5	4.5 4.3 440 11	4.3	5.84	10.24		9.5	0.80	10.30
6	4.7 4.5 480 11	4.9	5.72	10.52		9.9	1.01	10.91
7	5.7 5.5 570 00	5.7	5.41	11.11				
8	5.7 5.5 570 00	5.7	5.41	11.11				
9	6.5 6.3 650 00	6.5	5.24	11.74				
10	6.9 6.7 670 22	6.5	5.20	11.90				
11	6.9 6.7 685 10	6.8	5.16	12.01				
12		7.3	5.05	12.35				
13		7.5	5.01	12.51				
14		7.7	4.98	12.68				
15		7.9	4.94	12.84				
16		8.3	4.87	13.17				
17		8.5	4.84	13.34				
18		9.2	4.77	13.97				
19		9.5	4.77	14.27				
20		F	,	,				

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Scale m MC 9895 (cont.) diff. images

Alt. corr. + 20

	Sc.1	Sc.2	Sc.1	Sc.2		Cw	Magn
	4.0	g		h			
1	6.8	4.00	00	7.0	6.8	1.39	8.39
2		7.5	7.50	00	7.5	1.24	8.74
3		8.3	8.40	1.1	8.5	1.03	9.43
4		8.98	8.0	1.1	8.7	0.97	9.77
5		9.29	1.5	0.1	9.1	0.94	10.09
6		9.998	5.1	0	9.8	1.00	10.85
7		9.99	9.0	00	9.9	1.20	11.10
8		7			7	.	.

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Cards

Scale m | mc 9895 | 14 Cars | Variable Sequence | Alt. corr. +.20

	Sc.1	Sc.2	Cu	Magn	Sc.1	P.C.	Sc.2	Cu.	
a	1.7 1.5		582	7.52	6.3 6.1	6.20 1 1	6.1	1.50	7.70
b	1.9 1.7		593	7.83	6.5 6.3 6.4	6.40 1 1	6.3	1.43	7.73
c	2.0 1.8		6.00	8.00	7.0 6.8	6.90 1 1	6.8	1.25	8.05
d	2.0 1.8		6.00	8.00	7.1 6.9	7.00 1 1	6.9	1.22	8.12
e	2.5 2.3		6.15	8.65			7.5	1.09	8.59
f	2.8 2.6		6.20	9.00			7.5	1.09	8.59
g	3.1 2.9		6.16	9.26			7.9	0.98	8.88
h	3.1 2.9		6.16	9.26			8.5	0.85	9.35
k	3.9 3.7	B	598	9.88			8.9	0.79	9.69
l	4.5 4.3	4.50 00 4.5	580	10.30			9.3	0.79	10.09
m	5.7 5.5	5.60 1 1 5.5	549	11.09			9.9	1.01	10.91
n	6.5 6.3	6.40 1 1 6.3	527	11.67			7	.	.

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Friday, Feb 11, 1916

Scale m MC 9895 (cont.) diff. images

alt. corr. +2s

	Sc.1	Sc.2	Sc.1	Sc.2	Cw	Magn
	g 5.7		h 5.7			
a	5.5	6.70	5.5	00	1.80	7.50
b	5.5	5.70	5.3	00	1.80	7.50
c	6.7 6.5	6.60	6.3	11	1.51	8.11
d	6.7 6.5	6.70	6.3	00	1.48	8.18
e	6.9 6.7	6.95	6.8	10	1.40	8.35
f	7.1	7.30	7.5	22	1.30	8.60
g	7.8	7.80	7.8	00	1.16	8.96
h	~~8.6~~ 7.9	7.90	7.9	00	1.15	9.08
k	8.7	8.70	8.7	00	0.99	9.69
l	9.3	9.30	9.3	00	0.94	10.24
m	9.8	9.80	9.8	00	1.10	10.90
n	9.9	F			1.20	11.10

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Scale m MC 9896 Carte 3h +55° Alt. corr. +.21

	Sc 1		Sc 2	Cu.	Magn.	Sc 1	P.C.	Sc 2	Cu.	Magn.
	2.1									
1	1.9			6.03	8.13			7.3	1.14	844
2	3.7 3.5			6.04	9.74			8.7	0.82	9.52
3	4.1 3.9	4.10 00	4.1	5.93	10.03			9.5	0.80	10.30
4	5.1 4.9	5.10 00	5.1	5.63	10.73			9.8	0.94	10.74
5	5.1 4.9	5.20 L1	5.3	5.60	10.80			9.9	1.01	1091
6	5.3 5.1	5.30 00	5.3	5.56	10.86			Fr	.	.
7	5.7 5.5	5.75 L0	5.8	5.44	11.19					
8	6.5 6.3	6.50 00	6.5	5.24	11.74					
9	6.7 6.5	6.60 11	6.5	5.22	11.82					
10	6.9 6.7	6.85 10	6.8	5.16	12.01					
11	7.1 6.9	7.1 00 0	7.1	5.10	12.20					
12	7.1 6.9	7.1 00 0	7.1	5.10	12.20					
13			7.5	5.01	12.51					
14			7.7	4.98	12.68					
15			8.5	4.84	13.34					
16			8.5	4.84	13.34					
17			8.3	4.87	13.17					
18			8.5	4.84	13.34					
19			9.3	4.76	14.06					
20			9.8	5.00	14.80					

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Scale m MC 9896 (cont.) diff. images

Alt. corr. +.21

	Sc.1	Sc.2	Sc.1	Sc.2	Cu.	Magn.
	7.1	g		h		
1	6.9	7.05	10	6.8	1.38	8.43
2	8.5	8.55	1.0	8.6	1.01	9.56
3	8.9	9.00	1.1	9.1	0.93	9.93
4	9.6	9.60	0.0	9.6	1.00	10.60
5	9.7	9.65	1.0	9.6	1.00	10.65
6	9.8	9.80	0.0	9.8	1.10	10.90
7	9.8	9.85	0.1	9.9	1.13	10.98
8	7		7		.	.

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Scale m. MC 9897 Eros Comp. Stars Alt. corr. +.21

	Sc.1	Sc.2	Cw	Magn	Sc.1	P.C.	Sc.2	Cw	Magn
1	2.4		6.18	8.78			7.9	0.99	8.89
2	3.1		6.12	9.42			8.5	0.85	9.35
3	3.5		6.04	9.74			8.8	0.80	9.60
4	3.5		6.04	9.74			9.1	0.78	9.88
5	3.7	B	5.98	9.88			9.6	0.84	10.44
6	4.6 4.80	4.8	5.71	10.51			9.8	0.95	10.75
7	5.5 5.70	5.7	5.45	11.15			~~4.8~~	.	.
8	6.3 6.50	6.5	5.23	11.73					
9	6.7 6.90	6.9	5.15	12.05					
10		7.3	5.06	12.36					
11		7.5	5.01	12.51					
12		7.8	4.95	12.75					
13		8.3	4.87	13.17					
14		8.8	4.80	13.20					
15		8.9	4.79	13.69					
16		9.3	4.76	14.06					
17		9.5	4.77	14.27					
18		9.7	4.85	14.55					
19		9.8	5.00	14.80					
20		9.8	5.00	14.80					

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Scale m MC 9897 (cont.) diff. images

Alt. corr. +.21

	Sc.1	Sc.2	Sc.1 − Sc.2		Cu	Magn
	g_X			h		
1	7.5	7.5	00	7.5	1.24	8.74
2	7.9	7.9	00	7.9	1.15	9.05
3	8.8	8.8	00	8.8	0.97	9.77
4	8.8	8.8	01	8.9	0.97	9.82
5	9.3	9.3	00	9.3	0.94	10.24
6	9.5	9.6	11	9.7	1.00	10.60
7	9.8	9.8	00	9.8	1.10	10.90

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Friday, Feb. 11, 1916

Scale m mc 9898 Pole

	Sc 1		Sc 2
5	B		
6	B		
8	2.1 1.9		
9	2.4 2.5		
10	2.9 2.7		
11	3.7 3.5		
12	3.9 3.7	B	
13	4.5 4.3	4.50 00	4.5
14	5.0 4.8	5.15 2.1	5.3
15	5.8 5.6	5.75 0.1	5.7
16	6.6 6.3	6.60 1.1	6.7
17	6.7 6.5	6.80 1.1	6.9
18			7.4
19			7.7
20			7.9
23			8.5
25			9.1
26			9.7
27			9.9
28			9.9

Sc 1	P.C.	Sc 2
4.7 4.5	4.70 00	4.7
5.1 4.9	5.30 2.2	5.5
7.1 6.9	7.10 00	7.1
		7.8
		7.9
		8.7
		8.9
		9.5
		9.8
		9.9
		F

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Scale m mc 9898 (Cont.) diff. images

	Sc.1	Sc.2	Sc.1 − Sc.2
	g		n
5	4.1 3.9	420 1 1	4.3 4.1
6	5.1 4.9	510 0 0	5.1 4.9
8	6.7 6.5	680 1 1	6.9 6.7
9	7.8	780 0 0	7.8
10	7.8	780 0 0	7.8
11	8.6	865 0 1	8.7
12	8.7	880 1 1	8.9
13	9.5	950 0 0	9.5
14	9.5	955 1 0	9.6
15	9.9	985 1 0	9.8
16	9.9	990 0 0	9.9

11.55

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Thursday, March 2, 1916

11.00

Sheet no 294

Scale m | MC 9579 | Pole | Series MC 570

	Sc.1	Sc.2	9584 P 151	Sc.1	P.C.	Sc.2	
5	B		. .	4.5 4.3	4.50 ° °	4.5	4.40 4.45 05 05 2.04
6	B		. .	5.5 5.3	5.50 ° °	5.5	5.40 5.45 05 05 1.66
8	2.3 2.1		2.3 2.30 00 593	6.9 6.7	6.90 ° °	6.9	7.10 7.00 10 10 1.23
9	3.0 2.8		2.7 2.85 21 5.98			7.9	7.9 7.90 00 0.93
10	3.0 2.8		2.9 2.95 01 6.07			8.1	8.3 8.20 11 0.82
11	3.8 3.6		3.7 3.75 01 5.80			8.9	8.8 8.85 10 05 05 0.70
12	4.1 3.9	4.10 ° ° 4.1	3.9 4.00 10 10 5.86			9.2	9.5 9.35 2 15 15 0.51
13	4.9 4.7	4.80 11 4.7	4.75 4.78 02 03 5.52			9.5	9.8 9.65 1 15 2 15 0.65
14	5.5 5.3	5.50 ° ° 5.5	5.30 5.40 10 10 5.25			9.9	~~9.92~~ 9.9 Q . 0.75
15	5.7 5.5	5.70 ° ° 5.7	5.60 5.65 05 05 5.43			9.9	. 9.9 Q . 1.18
16	6.1 5.9	6.30 22 6.5	6.30 6.30 00 00 5.10				
17	6.7 6.5	6.70 ° ° 6.7	6.60 6.65 05 05 4.98				
18		7.5	7.5 7.50 00 4.56				
19		7.7	7.7 7.70 00 4.72				
20		8.1	8.1 8.10 00 4.63				
23		8.6	8.5 8.55 05 15 4.79				
25		9.1	9.1 9.10 00 4.77				
26		9.5	9.5 9.50 00 4.83				
27		9.6	9.9 9.75 2 15 15 4.94				
28		9.9	. 9.9 Q . 5.21				

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Thursday, March 2, 1916

Scale m	mc 9579		(cont.)	diff. images	
	Sc.1 Sc.2	Sc.1 Sc.2			
	g	h			
5	4.1 3.9	4.0 3.8	4.05 1 0	3.95 4.00 05 05	2.49
6	5.1 4.9	5.1 4.9	5.10 0 0	4.90 5.00 10 10	2.11
8	6.9 6.7	6.9 6.7	6.90 0 0	7.00 6.95 05 05	1.28
9	7.7	7.8	7.75 1 0	7.70 7.72 03 02	1.11
10	8.3	8.1	8.20 1 1	8.00 8.10 10 10	0.92
11	8.6	8.8	8.70 1 1	8.60 8.65 05 05	0.90
12	8.8	8.9	8.85 0 1	8.85 8.85 00 00	1.01
13	9.3	9.3	9.30 0 0	9.50 9.40 10 10	0.90
14	9.7	9.7	9.70 0 0	9.65 9.68 02 03	0.97
15	9.8	9.9	9.85 0 1	9.90 9.88 03 02	1.20
16	9.9	9.9	9.90 0 0	9.90 Q.	1.50
17	7	7			

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Scale m | mc 9580 | D² | 3 00 −15.0 | alt. corr. −.19

	Sc.1	Sc.2	Cu	Magn	Sc.1	P.C.	Sc.2	Cu	Magn
1	1.5 1.3		·	·	6.3 6.1	6.20 1 1	6.1	1.50	7.70
2	~~2.5~~ 2.1 1.9		6.11	8.21	6.7 6.5	6.70 00	6.7	1.28	7.98
3	1.7 1.5		·	·	5.7 5.5	5.80 1 1	5.9	1.58	7.38
4	2.3 2.1		6.10	8.40	7.1 6.9	7.00 1 1	6.9	1.19	8.19
5	2.5 2.3		6.07	8.57	6.9 6.7	6.90 00	6.9	1.22	8.12
6	2.7 2.5		6.05	8.75			7.7	0.98	8.68
7	2.7 2.5		6.05	8.75			8.1	0.86	8.96
8	2.5 2.3		6.07	8.57			7.7	0.98	8.68
9	2.9 2.7		6.02	8.92			8.3	0.82	9.12
10	3.1 2.9		5.99	9.09			8.5	0.77	9.27
11	3.7 3.5		5.85	9.55			8.9	0.68	9.58
12	3.5 3.3		5.92	9.47			9.1	0.66	9.76
13	3.9 3.7		5.80	9.79			9.5	0.65	10.15
14	4.5 4.3	4.50 00 4.5	5.64	10.14 9.94			9.7	0.70	10.40
15	5.5 5.3	5.50 00 5.5	5.30	10.80			?		
16	5.5 5.3	5.50 00 5.5	5.30	10.80			?		
17	5.6 5.4	5.70 1 1 5.8	5.23	10.93			?		
17a	6.7 6.5	6.50 2 2 6.3	4.96	11.46					
18	6.3 6.1	6.30 00 6.3	5.02	11.32					
19	6.5 6.3	6.50 00 6.5	4.96	11.46					
20	6.9 6.7	6.90 00 6.9	4.85	11.75					
21		7.5	4.70	12.20					
22		7.9	4.65	12.55					
23		8.3	4.67	12.97					
24		? P.							
25		8.8	4.72	13.52					
26		9.1	4.78	13.88					
27		9.5	4.86	14.36					

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Thursday, March 2, 1916

Scale m mc 9580 (cont.) diff. images

Sc 1 Sc 2 Sc 1 Sc 2 alt. corr. −.19

g h Ar magn

		5.7 5.5	5.7 5.5	5.70 ⁰⁰	1.84	7.54
2		6.5 6.3	6.5 6.3	6.50 ⁰⁰	1.50	8.00
3		5.1 4.9	4.9 4.7	5.00 ¹¹	2.09	7.09
4		6.5 6.3	6.7 6.5	6.60 ¹¹	1.45	8.05
5		6.7 6.5	6.5 6.3	6.60 ¹¹	1.45	8.05
6		7.1 6.9	7.1 6.9	7.10 ⁰⁰	1.25	8.35
7	7.6		7.5	7.55 ⁰¹	1.12	8.67
8		6.9 6.7	6.9 6.7	6.90 ⁰⁰	1.33	8.23
9	7.8		7.7	7.75 ⁰¹	1.07	8.82
10	8.5		8.5	8.50 ⁰⁰	0.92	9.42
11	8.5		8.8	8.65 ¹²	8.91	9.56
12	8.8		8.9	8.85 ⁰¹	0.90	9.75
13	9.3		9.1	9.20 ¹¹	0.90	10.10
14	9.5		9.5	9.50 ⁰⁰	0.96	10.46
15	9.9		9.9	9.90 ⁰⁰	1.25	11.15
16	9.8		9.8	9.80 ⁰⁰	1.10	10.90
17	9.9		7	9.9 a.	1.25	11.15
17a	9.9		7	9.9 a.	1.25	11.15
18	7		7			

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Thursday, March. 2, 1916

Scale m | mc 9580 | (cont.) | alt. corr. -.19

	Sc.1	Sc.2	Cu	magn
28		9.3	4.83	14.13
29		9.8	4.94	14.74
30		S.P.		
31		9.9	4.97	14.87
32		7		

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Thursday, March 2, 1916 Copied B 10: 147

Card.

Scale m | mc 9581 | Carte | 3 00 −16.5 | alt. corr. −.24

	Sc 1		Sc 2	Cu	magn	Sc 1	P.C.	Sc 2	Cu	magn
	1.7			Cu	mag	6.1				
1	1.5					5.9	6.10 00	6.1	1.50	7.60
	2.9									
2	2.7			6.02	8.92			8.5	0.77	9.27
	3.9									
3	3.7			5.80	9.79			9.5	0.65	10.15
	4.7									
4	4.5	4.90	2.2 5.1	5.52	10.42			9.8	0.75	10.55
	5.7									
5	5.5	5.60	1.1 5.5	5.25	10.85			7		
	5.4									
6	5.2	5.35	0.1 5.3	5.34	10.69					
	6.5									
7	6.3	6.60	1.1 6.7	4.92	11.52					
	6.8									
8	6.6	6.95	2.1 7.1	4.82	11.27					
	6.9									
9	6.7	7.00	1.1 7.1	4.81	11.80					
10			7.3	4.74	12.04					
11			7.5	4.70	12.20					
12			7.8	4.66	12.46					
13			7.9	4.65	12.55					
14			8.1	4.66	12.76					
15			8.6	4.69	13.29					
16			8.8	4.72	13.52					
17			9.1	4.78	13.88					
18			9.3	4.83	14.13					
19			9.5	4.86	14.36					
20			9.9	4.97	14.87					

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Thursday, March 2, 1916

Scale m | MC 9581 · (cont.) | diff. images Alt. corr. −.24

	Sc.1	Sc.2	Sc.1	Sc.2		Cu	magn
		g		h			
		5.9		5.8			
1	5.7		5.6		5.85 1.0	1.82	7.67
2		7.9		8.2	8.05 ± 2	1.01	9.06
3		8.8		9.1	5.95 ± 1	0.90	9.85
4		9.5		9.7	9.60 ± 1	0.98	10.58
5		9.7		~~9~~	9.7 ± .	1.02	10.72
6		9.9		9.9	9.90 ± 0	1.25	11.15
7		~~7~~		~~7~~			

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Thursday, March. 2, 1916

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Card.

Scale m | me 9582 | Carte | 3 00 −2.5 | Alb. corr. +.01

	Sc.1	Sc.2	Cu	Magn	Sc.1	P.C.	Sc.2	Cu	Magn
1	2.7 2.5		6.05	8.75			8.3	0.82	9.12
2	3.5 3.3		5.92	9.47			9.5	0.65	10.15
3	4.1 3.9	4.10	5.75	9.85			9.8	0.75	10.55
4	4.7 4.5	4.90	5.52	10.42			7		
5	5.7 5.5	5.70	5.23	10.93					
6	N.P.								
7	"	7.9	4.65	12.55					
8		8.4	4.68	13.08					
9		8.7	4.70	13.40					
10		9.5	4.86	14.36					
11		9.7	4.90	14.60					
12		9.8	4.94	14.74					
13		7							
14		N.S							
15		N.S							

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Thursday, March. 2, 1916

Scale m . MC 9582 (cont.) diff. images alt. corr. +.01

	Sc.1 Sc.2 g	Sc.1 Sc.2 h		Cu	magn
1	7.7	7.7	7.70 ⁰⁰	1.08	8.78
2	8.9	9.1	9.00 ±1	0.90	9.90
3	9.6	9.8	9.70 ±1	1.02	10.72
4	9.9	7	9.9 ±	1.25	11.15
5	7	7			

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Thursday, March 2, 1916 Copied B 7: 122

Card.

Scale m mc 9583 1191 E 3 8 −14.8 alt. corr. −.21

	Sc.1	Sc.2	Cu	magn	Sc.1	P.C.	Sc.2	Cu	magn
1	2.3 2.1		6.10	8.40	~~6.9~~		7.3	1.08	8.38
2	2.5 2.3		6.07	8.57			7.9	0.93	8.83
3	3.0 2.8		6.00	9.00			9.1	0.66	9.76
4	3.4 3.2		5.95	9.35			8.9	0.68	9.58
5	4.1 3.9	4.1 4.08 00	4.1	5.75			9.8	0.75	10.55
6	4.7 4.5	4.70 00	4.7	5.57			7		
7	4.7 4.5	4.90 ±2	5.1	5.52					
8	5.7 5.5	5.65 10	5.6	5.24					
9	5.9 5.7	5.90 00	5.9	5.15					
10	6.6 6.4	6.45 21	6.3	4.97					
11			7.3	4.73					
12			7.9	4.65					
13			8.5	4.68					
14			8.9	4.75					
15			9.2	4.80					
16			9.5	4.84					
17			9.9	4.97					
18			n.s						
19			n.s						

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Thursday, March. 2, 1916

Scale m MC 9583 (cont.) diff. images Alt. corr. − .21

	Sc.1	Sc.2	Sc.1	Sc.2		Cu	magn
		g		h			
1	6.9	7.1	6.9	7.1	7.10 °°	1.25	8.35
2		J.P.	7.5			1.14	8.64
3		8.8		8.9	8.85 °'	0.90	9.75
4		8.5		8.7	8.60 ±'	0.92	9.52
5		9.1		9.3	9.20 ±'	0.90	10.10
6		9.9		9.9	9.90 °°	1.25	11.15

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Thursday, March 2, 1916

Scale m	MC9584		Pob			
	Sc.1	Sc.2	Sc.1	P.C.	Sc.2
5	B		4:3 4.1	4.40 1 1	4.5
6	B		5:3 5.1	5.40 1 1	5.5
8	2:3 2.1		7:1 6.9	7.10 0 0	7.1
9	2.7 2.5				7.9
10	2:9 2.7				8.3
11	3.7 3.5				8.8
12	3:9 3.7	B			9.5
13	4:7 4.5	4.75 1 0 4.8			9.8
14	5:3 5.1	5.30 0 0 5.3			7
15	5:7 5.5	5.60 1 1 5.5			
16	6:3 6.1	6.30 0 0 6.3			
17	6:7 6.5	6.60 1 1 6.5			
18		7.5			
19		7.7			
20		8.1			
23		8.5			
25		9.1			
26		9.5			
27		9.9			
28		7			

See p 140

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Thursday, March. 2, 1916

Scale m

MC 9584 (cont.)

diff. images

	Sc.1	Sc.2	Sc.1	Sc.2	
	g		h		
5	4.1 3.9		4.0 3.8		3.95
6	5.1 4.9		4.9 4.7		4.90
8	7.1 6.9		7.1 6.9		7.00
9	7.7		7.7		7.70
10	8.1		7.9		8.00
11	8.5		8.7		8.60
12	8.9		8.8		8.85
13	9.5		9.5		9.50
14	9.6		9.7		9.65
15	9.9		9.9		9.90
16	7		7		

1.00

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Monday, March 6, 1916

Sheet no 295

11.00

Scale m MC 9584 ~~cent~~ Pole Series 570

	Sc.1		Sc.2	9590 P167	Sc.1	P.C.	Sc.2		
5	B			.	4.0 3.8	4.15 2 1	4.3	4.60 4.38 22 22	2.11
6	B.			.	5.1 4.9	5.20 1 1	5.3	5.50 5.35 15 15	1.76
8	2.3 2.1			2.5 2.40 1 1	7.0 6.8	7.05 0 1	7.1	7.05 7.05 00 00	1.18
9	2.7 2.5			2.9 2.80 1 1			7.8	8.1 7.95 2 1	0.88
10	2.8 2.6			2.9 2.85 0 1			8.1	8.3 8.20 1 1	0.82
11	3.7 3.5			3.9 3.80 1 1			9.1	9.1 9.10 00	0.45
12	3.9 3.7			4.20 4.05 15 15			9.5	9.3 9.40 1 1	0.46
13	4.5 4.3	4.50 0 0	4.5	4.90 4.70 20 20			9.8	9.6 9.70 1 1	0.60
14	4.9 4.7	5.10 2 2	5.3	5.55 5.32 23 23			9	9.9 9.9 Q	0.95
15	5.7 5.5	5.60 1 1	5.5	5.80 5.70 10 10					
16	5.9 5.7	5.85 1 0	5.8	6.55 6.20 35 35					
17	7.1 6.9	7.10 0 0	7.1	6.85 6.98 13 13					
18			7.3	7.5 7.40 10 10					
19			7.7	7.7 7.70 00 00					
20			8.1	7.9 8.00 10 10					
23			8.7	8.6 8.65 05 05					
25			9.1	9.3 9.20 10 10					
26			9.5	9.5 9.50 00 00					
27			9.8	9.8 9.80 00 00					
28			9.9	9.9 Q					

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Monday, March. 6, 1916

	Scale m	MC 9584 Sc1 Sc2	Sc1 Sc2	(cont.)		diff. images
			g h			
5	3.9	4.1 4.10 0 0	4.1 3.9	4.05	4.08 02 03	2.41
6	4.5	4.7 4.80 1 1	4.9 4.7	4.75	4.78 02 03	2.33
8	6.7	6.9 6.80 1 1	6.7 6.5	6.90	6.85 05 05	1.38
9	7.6	7.60 0 0	7.6	7.80	7.70 10 10	1.13
10	7.9	7.85 1 0	7.8	8.10	7.98 13 12	1.04
11	8.3	8.40 1 1	~~8.5~~	8.70	8.55 15 15	1.00
12	8.7	8.90 2 2	9.1	8.95	8.92 03 03	0.94
13	9.1	9.30 3 2	9.5	9.40	9.35 05 05	0.95
14	9.8	9.75 0 1	9.7	9.70	9.72 03 02	0.93
15	9.9	9.90 0 0	9.9	9.90	9.90 0 0	1.18
16		7	7			

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Monday, March 6, 1916

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Card.

Scale m | MC 9585 | Carte | 4 00 − 23.5 | alt. corr. −.48

	Sc.1	Sc.2	Cu	magn	Sc.1	P.C.	Sc.2	Cu	magn
1	2.5 / 2.3		6.08	8.58			8.1	0.78	8.88
2	2.9 / 2.7		6.04	8.73 (94)			8.7	0.59 (.61)	9.31
3	3.5 / 3.3		5.93	9.43			9.5	0.52	10.02
4	3.9 / 3.7		5.83	9.73			9.8	0.70	10.50
5	4.8 / 4.6	4.65 ±1	4.5 5.66	10.31			9.9	0.75	10.65
6	5.1 / 4.9	5.20 ±1	5.3 5.48	10.68			7		
7	5.7 / 5.5	5.80 ±1	5.9 5.28	11.08					
8	6.7 / 6.5	6.60 ±1	6.5 4.99	11.59					
9			7.3 4.77	12.07					
10			7.7 4.70	12.40					
11			7.7 4.70	12.40					
12			8.1 4.64	12.74					
13			8.3 4.64	12.94					
14			8.3 4.64	12.94					
15			8.6 4.64	13.24					
16			8.9 4.66	13.56					
17			9.3 4.70	14.00					
18			9.5 4.75	14.25					
19			9.7 4.84	14.54					
20			9.9 5.12	15.02					

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1915phae.proj.1020L

Monday, March 6, 1916

Scale m 9585 (cont.) diff. images

Alt. corr. -.48

	Sc.1	Sc.2	Sc.1 − Sc.2	Cu	magn
	g	h			
1	7.8	7.85	0.1 7.9	1.11	8.96
2	8.5	8.65	1.2 8.8	0.97	9.62
3	9.1	9.30	3.2 9.5	0.95	10.25
4	9.5	9.60	1.1 9.7	0.98	10.58
5	9.7	9.80	1.1 9.9	1.02	10.82
6	9.9		7		
7	7		7		

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1915phae.proj.1020l

Monday, March. 6, 1916

Cand.

Scale m MC 9586 ~~HGC 1528~~ DM 4 0 0 +500 alt. corr. +.22

	Sc. 1		Sc. 2	Cu	magn	Sc. 1	PC.	Sc. 2	Cu	magn
	1.8					7.1				
1	1.6					6.9	7.10 °°	7.1	1.11	8.21
	2.6									
2	2.4			6.08	8.68			7.7	0.90	8.60
	2.9									
3	2.7			6.04	8.94			8.3	0.72	9.02
	3.6			9	5					
4	3.4			5.81	9.91			8.8	0.59	9.39
	4.1									
5	3.9	4.10 °°	4.1	5.77	9.87			9.5	0.53	10.03
	5.0									
6	4.8	4.95 °1	4.9	5.55	10.50			9.7	0.63	10.33
	6.1									
7	5.9	6.10 °°	6.1	5.17	11.27					
	6.7									
8	6.5	6.80 °1	6.9	4.93	11.73					
	6.9									
9	6.7	6.90 °°	6.9	4.90	11.80					
10			7.3	4.77	12.07					
11			7.5	4.72	12.22					
12			7.7	4.70	12.40					
13			8.3	4.64	12.94					
14			8.5	4.64	13.14					
15			8.9	4.66	13.56					
16			9.1	4.68	13.78					
17			9.3	4.70	14.00					
18			9.7	4.84	14.54					
19			9.7	4.84	14.54					
20			9.9	5.12	15.02					

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1915phae.proj.1020L

Monday, March 6, 1916

~~March 6,~~

Scale m

MC 9586 (cont.)

diff. images alt. corr. +.22

	Sc.1	Sc.2	Sc.1	Sc.2	Δu	magn
		g		h		
1	5.5	5.75	10	5.6	1.84	7.59
2	7.7	7.70	00	7.7	1.13	8.83
3	8.1	8.20	11	8.3	1.03	9.23
4	8.7	8.70	00	8.7	0.97	9.67
5	9.3	9.20	11	9.1	0.95	10.15
6	9.5	9.50	00	9.5	0.97	10.47
7	9.9	9.90	00	9.9	1.07	10.97
8	7			7		

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Monday, March 6, 1916

Scale m	MC 9587 Sc 1	Sc 2		DM Cu	magn	7 00 +75 0 Sc 1	P.C.	Sc 2	alt. corr. +.12 Cu	magn
1	1.9 1.7					6.5 6.3	6.45 1.0	6.4	1.35	7.80
2	2.3 2.1			6.08	8.38			7.5	0.98	8.48
3	3.7 3.5			5.87	9.57			8.7	0.59	9.29
4	3.8 3.6			5.85	9.65			9.2	0.52	9.72
5	4.5 4.3	4.50 0.0	4.5	5.68	10.28			9.4	0.51	9.91
6	4.6 4.4	4.55 0.1	4.5	5.67	10.22			9.8	0.70	10.50
7	5.7 5.5	5.70 0.0	5.7	5.32	11.02			9.9	0.75	10.65
8	6.5 6.3	6.40 1.1	6.3	5.06	11.46					
9	6.7 6.5	6.80 1.1	6.9	4.93	11.73					
10			7.5	4.72	12.22					
11			7.7	4.70	12.40					
12			7.8	4.68	12.48					
13			7.9	4.66	12.56					
14			7.9	4.66	12.56					
15			8.7	4.64	13.34					
16			8.7	4.64	13.34					
17			8.9	4.66	13.56					
18			9.1	4.68	13.78					
19			9.4	4.72	13.12					
20			9.9	5.12	15.02					

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1915phae.proj.1020L

Monday, March 6, 1916

Scale m — mc 9588 (cont.) — diff. images

Alt. corr. +12

	Sc.1	Sc.2	Sc.1	Sc.2	Cu	magn
	6.59 6.63		h. 6.7			
1	~~6.7~~	6.60	6.5		1.49	8.09
2	7.3	7.30	7.3		1.25	8.55
3	8.5	8.50	8.5		0.99	9.49
4	8.8	8.85	8.9		0.95	9.80
5	~~9.3~~	9.30	9.3		0.95	10.25
6	9.3	9.35	9.4		0.96	10.31
7	9.9	9.85	9.8		1.04	10.89
8	7		9.9			

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1915phae.proj.1020L

Monday, March 6, 1916

Scale m MC 9588 NGC 2301 Ref Seq. 640 I00 Alt. corr. +0.1

	Sc.1		Sc2	Cu	magn	Sc.1	P.C.	Sc.2	Cu	magn
2	B					4.7 4.5	4.90 3 2	5.1	1.95	6.85
B	B					4.8 4.6	4.95 3 1	5.1	1.93	6.88
1	2.5 2.3			6.08	8.58			7.5	0.98	8.48
2	2.5 2.3			6.08	8.58			8.3	0.73	9.03
3	3.1 2.9			6.02	9.12			8.7	0.61 0.57	9.31
3a	2.9 2.7			6.04	8.94			8.7	0.61 0.57	9.31
4	3.9 3.7			6.83	9.73			9.3	0.51	9.81
4a	4.9 4.7	5.10 2 2	5.3	5.50	10.60			9.8	0.70	10.50
5	4.1 3.9	4.10 0 0	4.1	5.77	9.87			9.7	0.63	10.33
6	4.9 4.7	5.10 2 2	5.3	5.50	10.60			9.9	0.75	10.65
7	4.3 4.1	4.40 1 1	4.5	5.70	10.10			9.8	0.70	10.50
8	5.5 5.3	5.50 0 0	5.5	5.38	10.88			7		
9	6.1 5.9	6.30 3 2	6.3	5.10	11.40					
10	7.1 6.9	7.00 1 1	6.9	4.87	11.87					
11			7.7	4.70	12.40					
12			7.7	4.70	12.40					
13			8.1	4.64	12.74					
14			8.5	4.64	13.14					
15			8.3	4.64	12.94					
16			8.7	4.64	13.34					
17			8.8	4.65	13.45					
18			9.5	4.70	14.25					
19			9.7	4.84	14.54					
20			9.9	5.12	15.02					

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Monday, ~~Wednesday~~ March 6, 1916

Scale m

mC 9588 (cont.)

diff. images
alt. corr. +.01

	Sc.1	Sc.2	Sc.1	Sc.2	Cir	magn.
	g		h			
	4.9		4.7			
d	4.7	4.80	4.5		2.27	7.07
	5.0		4.9			
B	4.8	4.95	4.7		2.22	7.17
1	7.5	7.50	7.5		1.19	8.69
2	7.6	7.65	7.7		1.16	8.81
3	8.8	8.70	8.6		0.97	9.67
3a	8.3	8.30	8.3		~~1.98~~ 1.32	9.28
4	9.1	9.20	9.3		0.95	10.15
4a	9.7	9.70	9.7		1.00	10.70
5	9.6	9.60	9.6		0.98	10.58
6	9.8	9.80	9.8		1.02	10.82
7	9.7	9.75	9.8		1.01	10.76
8	9.9	9.90	9.9		1.09	10.97
9	J.P.		J.P.			
10	〃		〃			

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1915phae.proj.1020L

Monday, March 6, 1916 Rapid B9:89

Scale m MC 9588 nG.C. 2eq. Alt. corr. +01

	Sc.1		Sc 2	Cu	magn	Sc.1	P.C.	Sc 2	Cu	magn
	1.9					6.7				
a	1.7					6.5	6.60 i⊥	6.5	1.28	7.88
b	2.9			6.04	8.94			7.6	0.95	8.55
c	2.9			6.04	8.94			7.7	0.91	8.61
c'	2.8			6.06	8.86			J.P.		
d	3.9			5.83	9.73			8.1	0.78	8.88
d'	3.7			5.87	9.57			8.9	0.56	9.46
d²	4.3							J.P		
	4.1	4.40 i⊥	4.5	5.70	10.10					
e	4.7							J.P		
	4.5	4.70 oo	4.7	5.64	10.34					
f	5.5							N.S		
	5.3	5.50 oo	5.5	5.38	10.88					
g	5.8									
	5.6	5.65 2⊥	5.5	6.34	10.99					
h	5.9									
	5.7	6.00 1⊥	6.1	5.21	11.21					
k	6.7									
	6.5	6.65 1o	6.6	4.98	11.63					
l	6.7									
	6.5	6.75 1o	6.8	4.94	11.69					
m			7.5	4.72	12.22					
m'			7.5	4.72	12.22					
n			8.5	4.64	13.14					
o			8.7	4.64	13.34					
p			9.1	4.68	13.78					
q			9.5	4.75	14.25					
r			9.7	4.84	14.54					
s			∇							

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Monday, March 6, 1916

Scale m MC 9588 (cont.) diff. images

Alt. corr. +0.1

	Sc 1	Sc 2		Sc 1	Sc 2	Cu	magn
	g			h			
a	5.7 5.5	5.80	+1	5.9 5.7		1.83	7.63
b	7.3	7.30	+0	7.3		1.24	8.54
c	8.5	8.50	+0	8.5		0.99	9.49
c'	J.P.			7.6			
d	9.3			J.P.			
d'	8.7	8.80	+1	8.9		0.95	9.75
d^2	J.P.			J.P.			
e	9.8	9.75	+1	9.7		1.02	10.77
f	J.P.			J.P.			
g	J			9.9		1.09	10.99
h	J			J			

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Scale m MC 9589 W Aurigae 5 24 +37.5 Alt. corr. +.23

	Sc 1	Sc 2	Cu	magn	Sc 1 P.C.	Sc 2	Cu	magn
					M.P.			
a	2.8 2.6		6.06	8.86				
b	3.5 3.3		5.93	9.43		8.7	0.64	9.31
c	3.9 3.7		5.83	9.73		8.8	0.59	9.39
d	4.7 4.5	4.90 3.2 5.1	5.57	10.47		9.7	0.63	10.33
e	5.3 5.1	5.30 3.0 5.3	5.44	10.74		9.9	0.75	10.65
f	5.3 5.1	5.30 3.0 5.3	5.44	10.74		9.9	0.75	10.65
g	4.9 4.7	~~5.20~~ ~~4.52~~ 3.3 5.5	5.68	10.20		9.9	0.75	10.65
h	5.3 5.1	5.30 3.0 5.3	5.44	10.74		9.8	0.70	10.50
k	5.5 5.3	5.50 3.0 5.5	5.38	10.88		N.S		
l	6.3 6.1	6.30 3.0 6.3	5.10	11.40		Ŋ		
m	6.8 6.6	~~8.65~~ 2.1 6.5	~~4.64~~ 4.98	~~13.29~~ 11.63				
n		7.7	4.70	12.40				
o		8.3	4.64	12.94				
o'		8.6	4.64	13.24				
o^2		8.7	4.64	13.34				
p		7.7	4.70	12.40				
p'		8.1	4.64	12.74				
q		8.3	4.64	12.94				
r		9.3	4.70	14.00				
s		9.3	4.70	14.00				
t		9.7	4.84	14.54				
u		9.9	5.12	15.02				

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Monday, March 6, 1916

Scale m

MC 9589 (cont.)

diff. images

alt. corr. +.23

	Sc 1	Sc 2	Sc 1 − Sc 2	Cu	Magn
	g		n		
a	7.7	7.75	7.8	1.12	8.87
b	8.5	8.60	8.7	0.98	9.58
c	8.7	8.75	8.8	0.96	9.71
d	9.5	9.50	9.5	0.97	10.47
e	9.6	9.65	9.7	0.99	10.64
f	9.5	9.40	9.3	0.98	10.38
g	9.5	9.50	9.5	0.98	10.48
h	9.8	9.80	9.8	1.02	10.82
k	9.9	9.85	9.8	1.05	10.90
l	9.9	9.90	9.9	1.07	10.97
m	7		7		

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Scale m	MC 9590 Sc.1	MC 9590 Sc.2	Pole	Sc.1	P.C.	Sc.2	
5	B			4.7 4.5	4.60 ±1	4.5	
6	B			5.5 5.3	5.50 ±0	5.5	
8	2.5 2.3			7.0 6.8	7.05 ±1	7.1	
9	2.9 2.7		~~6.04~~			8.1	
10	2.9 2.7		~~6.04~~	0		8.3	~~0.72~~
11	3.9 3.7	X	~~5.53~~			9.1	
12	4.1 3.9	4.20 ±1 4.3 B				9.3	
13	4.9 4.7	4.90 ±0 4.9				9.6 ~~9.8~~	
14	5.6 5.4	5.55 ±1 5.5				9.9	~~0.75~~
15	5.9 5.7	5.80 ±1 5.7				7	
16	6.6 6.4	6.55 ±1 6.5					
17	6.9 6.7	6.85 ±0 6.8					
18		7.5	~~4.72~~				
19		7.7	~~4.70~~				
20		7.9	~~4.66~~				
23		8.6					
25		9.3	~~4.70~~				
26		9.5	~~4.75~~				
27		9.8					
28		7					

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Scale m

MC 9590 (cont.) diff. images

	Sc.1	Sc.2	Sc.1 Sc.2
	4.1 g	10	4.0 h
5	3.9	4.05	3.8
	4.7	10	4.8
6	4.5	4.75	4.6
	6.9		6.9
8	6.7	6.90 00	6.7
9	7.8	7.80 00	7.8
10	8.1	8.10 00	8.1
11	8.7	8.70 00	8.7
12	9.1	8.95 12	8.8
13	9.3	9.40 11	9.5
14	9.7	9.70 00	9.7
15	9.9	9.90 00	9.9
16	J		JP

1.40

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Sheet no 294

10.40

Scale m	MC 10184 Sc.1	Sc.2	Pole 10189 P 183			Series MC 618 Sc.1	P.C.	Sc.2			
5	B		.			4.3 4.1	4.40 ± 1	4.5	5.05	4.72 3 3	1.97
6	B		.			5.3 5.1	5.40 ± 1	5.5	5.70	5.55 1 1	1.56
8	2.5 2.3		2.7	2.60 1 1	5.63			7.3	7.7	7.50 2 2	0.73
9	2.9 2.7		3.1	3.00 ± 1	5.83			7.7	8.3	8.00 3 3	0.83
10	2.9 2.7		3.1	3.00 ± 1	6.02			8.1	8.3	8.20 1 1	0.82
11	3.7 3.5		3.9	3.80 1 1	5.75			8.8	9.1	8.95 2 1	0.60
12	3.9 3.7	B	4.40	4.15 25 25	5.71			9.1	9.5	9.30 2 2	0.56
13	4.7 4.5	4.60 1 1 4.5	5.10	4.85 25 25	5.45			9.3	9.8	9.55 3 2	0.75
14	5.1 4.9	5.10 ° ° 5.1	5.65	5.38 28 27	5.27			9.5	9.9	9.70 2 2	0.95
15	5.9 5.7	5.80 1 1 5.7	6.15	5.98 18 17	5.10			9.8	.	9.8 Q .	1.25
16	6.5 6.3	6.40 1 1 6.3	6.70	6.55 15 15	4.85			9.9	.		1.50
17	6.9 6.7	6.80 1 1 6.7	6.90	6.85 15 05	4.78						
18		7.5	7.7	7.60 ± 1	4.46						
19		7.7	7.9	7.80 ± 1	4.62						
20		7.8	8.5	8.15 4 3	4.58						
23		8.7	8.9	8.80 ± 1	4.54						
25		9.3	9.3	9.30 0 0	4.57						
26		9.5	9.8	9.65 ± 2	4.68						
27		9.7	9.9	9.80 ± 1	4.89						
28		9.8	.	9.8 Q .	5.31						
29		7									

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Saturday, March 11, 1916

Scale m	MC 10184 Sc1 Sc2	Sc1 Sc2	(cont.)	diff. images
	g	h		
5	4.3 4.1 4.30 00	4.3 4.1	4.50 4.40 10 10	2.09
6	5.1 4.9 5.10 00	5.1 4.9	5.70 5.40 30 30	1.71
8	6.7 6.5 6.80 11	6.9 6.7	7.10 6.95 15 15	1.28
9	7.5 7.50 00	7.5	7.75 7.62 13 13	1.21
10	7.7 7.70 00	7.7	8.10 7.90 20 20	1.12
11	8.5 8.50 00	8.5	8.85 8.68 18 17	0.87
12	8.7 8.70 00	8.7	9.30 9.00 30 30	0.86
13	9.1 9.20 11	9.3	9.55 9.34 18 17	0.92
14	9.3 9.35 10	9.4	9.80 9.58 23 22	1.07
15	9.7 9.70 00	9.7	9.90 9.80 10 10	1.28
16	9.9 9.55 10	9.8	9.85 Q	1.55
17	9.9 9.90 00	9.9	9.90 Q	1.73
18	F	F		

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Card

scale m	MC 10185 Sc 1	Sc 2	100 k Cu	magn	8 49 −0.2 Sc 1	P.C.	Sc 2	Alt. corr. +.05 Cu	magn
2	1.7 1.5				6.1 5.9	6.20 ± 1	6.3	1.26	7.46
β	1.7 1.5				6.3 6.1	6.30 ° °	6.3	1.24	7.54
γ	2.7 2.5		5.88	8.58			7.3	0.89	8.19
δ	2.5 2.3		5.85	8.35			7.3	0.89	8.19
ε	2.7 2.5		5.88	8.58			7.7	0.77	8.47
1	2.7 2.5		5.88	8.58			7.3	0.89	8.19
2	2.9 2.7		5.91	8.81			8.3	0.66	8.96
3	2.9 2.7		5.91	8.81			7.9	0.73	8.63
4	3.1 2.9	B	5.93	9.03			8.7	0.61	9.31
5	3.9 3.7	B	5.78	9.68			7.9	0.73	8.63
6	4.7 4.5	4.60 ± 2 4.5	5.53	10.13			9.5	0.74	10.24
7	5.0 4.8	5.15 ± 1 5.3	5.33	10.18			9.8	1.24	11.04
8	6.4 6.2	6.35 ° 2 6.3	4.93	11.28			17		
9	6.7 6.5	6.80 ± 1 6.9	4.80	11.60					
10		7.5	4.63	12.13					
11		7.6	4.61	12.21					
12		7.5	4.63	12.13					
13		7.9	4.56	12.46					
14		8.3	4.53	12.83					
15		8.9	4.52	13.42					
16		9.5	4.63	14.13					
17		9.1	4.53	13.63					
18		9.8	4.90	14.70					

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Saturday, March 11, 1916

Scale m

MC 10185 (cont.)

diff. images

Alt. corr. +.05

	Sc 1	Sc 2		Sc 1	Sc 2	Cu	magn	
				g	w			
2	5.1	5.30	00	5.3	5.1	1.77	7.07	
B	5.7	5.90	00	5.9	5.7	1.60	7.50	
γ	6.7	6.80	12	6.7	6.5	1.36	8.16	
δ	6.7	7.00	11	7.1	6.9	1.31	8.31	
2	7.3	7.30	00		7.3	1.23	8.53	
1	6.9	~~6.77~~		7.1	6.6	1.32	8.27	
		6.95	12		6.8			
2	7.7	7.70	00		7.7	1.10	8.80	
3	7.5	7.40	11		7.3	1.20	8.60	
4	8.3					0.95	9.25	
5	8.8	8.95	21		9.1	0.86	9.81	
6	9.3	9.40	11		9.5	0.98	10.38	
7	9.5	9.60	11		9.7	1.10	10.70	
8	7				7			

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Card

scale m	MC 10186		N.G.C. 2682		8 50.4 +12.5			alt. corr. +.14	
	Sc. 1	Sc. 2	Cu	magn	Sc. 1.	P.C.	Sc. 2	Cu	magn
1	2.5 2.3		5.85	8,35	7.0 6.8	6.95 ° 1	6.9	1.00	7.95
2	2.4 2.2						7.5	0.83	8,33
3	2.8 2.6		5.40	8,70			7.9	0.73	8,63
4	3.5 3.3		5,89	9,39			8.5	0.64	9.14
5	4.5 4.3		5,56	10,06			9.6	0,55	10,45
6	5.9 5.7		5,08	10,98			7		
7	6.7 6.5		4.83	11,53			7		
8		7.5	4.63	12,13					
9		7.7	4.59	12,29					
10		8.5	4.51	13,01					
11		8.5	4.51	13,01					
12		8.6	4,51	13,11					
13		8.9	4,52	13,42					
14		8.9	4,52	13,42					
15		7							

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Scale m

MC 10186 (cont.)

diff. images
alt. corr. +.14

	Sc 1	Sc 2	Sc 1 Sc 2	Cu	magn
		g	h		
1	6.5 (6.7)	6.70 00	6.5 (6.7)	1.38	8,08
2	6.7 (6.9)	6.90 00	6.7 (6.9)	1.34	8,24
3	JP		7.5	1.16	8,66
4	7.9	8.00 21	8.1	1.02	9,02
5	8.8	9.05 2 3	9.3	0.87	9,92
6	9.6	9.70 11	9.8	1.20	10.90
7	9.9	9.90 00	9.9	1.75	11.65
8	7		7		

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Card.

Scale m	MC 10187		R Leonis		9 40 +10.0			Variable Sag.	
	Sc. 1	Sc. 2	Ra	Magn	Sc. 1	P. C.	Sc. 2	alt. corr. +.14 Ra	Magn
d	off plate								
f	B				5.7 5.5	5.88 ⊥ 1	5.9	1.43	7.23
h	B				4.9 4.7	5.16 3 2	5.3	1.66	6.76
k	B				5.1 4.9	5.20 ⊥ 1	5.3	1.57	6.77
l	B ~~1.4~~				5.9 5.7	6.00 ⊥ 1	~~6.1 5.4~~	1.34	7.34
m	B				6.9 6.7	6.90 00	6.9	1.01	7.91
n	2.9 2.7		5.91	8.81			8.4	0.65	9.05
o	B				6.7 6.5	6.60 ⊥ 1	6.5	1.04	7.64
p	2.3 2.1						7.3	0.89	8.19
q	2.7 2.5		5.88	8.58			7.7	0.77	8.47
h	off plate								
s	4.0 3.8		5.75	9.75			9.5	0.74	10.24
t	3.3 3.1		5.92	9.22			8.9	0.60	9.50
u	4.3 4.1	4.40 ⊥ 1 4.5	5.60	10.00			9.3	0.64	9.94
w	3.6 3.4	B	5.87	9.47			8.7	0.61	9.31
x	4.7 4.5	4.70 00 4.7	5.50	10.20			9.5	0.74	10.24
y	4.3 4.1	4.40 ⊥ 1 4.5	5.60	10.00			9.3	0.64	9.94
z	5.7 5.5	5.60 ⊥ 1 5.5	5.18	10.78			9.9	1.50	11.40
α	6.6 6.4	6.45 2 ⊥ 6.3	4.91	11.36			7		
β	6.7 6.5	6.60 ⊥ 1 6.5	4.86	11.46					
γ	7.1 6.9	7.10 00 7.1	4.82	11.82					
δ		7.3	4.68	11.98					
ε		7.7	4.59	12.29					
ζ		~~7.5~~ 8.7	4.51	13.21					
η		8.8	4.51	13.31					
θ		9.1	4.53	13.63					
κ		9.7	4.74	14.44					
λ		9.8	4.90	14.70					

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Saturday, March 11, 1916

Scale m

MC 10187 (cont.)

diff. images

Act. corr. +.14

±	Sc 1	Sc 2	Sc 1	Sc 2	Cu	magn
	g		h			
f	4.1 3.9	4.10	4.1 3.9		2.09	6.19
h	4.1 4.1	4.30	4.1 4.1		2.04	6.34
k	3.7 3.5	D.P.				
l	5.1 4.9	5.10	5.1 4.9		1.86	6.93
m	5.7 5.5	5.70	5.7 5.5		1.78	7.36
n	7.7	7.70	7.7		1.10	8.80
o	6.1 5.9	6.20	6.3 6.1		1.26	7.71
p	6.1 5.9	6.10	6.1 5.9		1.54	7.64
q	D.P.		D.P.			
s	9.1	9.10	9.1		0.87	9.97
t	8.5	8.50	8.5		0.90	9.40
u	8.8	8.85	8.9		0.86	9.71
w	8.3	8.30	8.3		0.95	9.25
x	9.1	9.20	9.3		0.90	10.10
y	9.1	9.00	8.9		0.86	9.86
z	9.6	9.70	9.8		1.20	10.90
α	∓		∓			
β	∓		∓			
γ	∓		∓			

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Saturday, March 11, 1916

Scale m MC 10187

	Sc 1	Sc 2	(cont.) Cu	magn	Ref. eq. Sc 1	P.C.	Sc 2	alt. corr. + Cu	magn
1	same as l								
2	3.5 3.3	B	5.89	9.39			8.7	0.61	9.31
3	4.9 4.7	4.9	5.43	10.33			9.7	0.95	10.65
4	5.3 5.1	5.5	5.25	10.65			9.9	1.50	11.40
5	5.9 5.7	5.9	5.08	10.98			7		
6	7.0 6.8	6.9	4.75	11.70			7		
7		7.7	4.59	12.29					
8		8.7	4.51	13.21					
9		8.8	4.51	13.21					
10		9.3	4.56	13.86					
11		9.5	4.63	14.13					
12		9.7	4.74	14.44					
13	n.s								
14		9.9	5.40	15.30					
15	n.s								

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Scale in mc 101867 (cont) diff. images

Alt. corr. +14

	Sc 1	Sc 2	Sc 1 Sc 2	Cu	magn
	g		n		
1					
2	7.9	7.90	7.9	1.05	8,95
3	9.5	9.50	9.5	1,01	10,51
4	9.7	9.70	9.7	1.20	10,90
5	〃		9.9		
6	〃		〃		

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Cond

Scale m | MC 10188 | J Lear Mm. | 9 36.3 +35.0 | Var. req.

	Sc 1.	Sc 2	Cu	magn	Sc 1	P.C.	Sc 2	Cu.	magn
								Alt. cur. +22	
2	3.9 3.6		5.82	9,62			8.8	0.60	9.40
2'	4.7 4.5	4.75 1.0 4.8	5.48	10,23			9.7	0.95	10,65
2²	4.7 4.5	4.70 0.0 4.7	5,50	10,20			9.5	0.74	10,24
B	4.5 4.3	4.40 1.1 4.3	5.60	10,00			9.3	0.64	9.94
γ	4.7 4.5	4.60 1.1 4.5	5.53	10,13			9.5	0.74	10,24
δ	5.4 5.2	5.45 0.1 5.5	5.23	10,68			9.9	1.50	11.40
ε	5.7 5.5	5.60 1.1 5.5	5.18	10.78			9.9	1.50	11.40
1	2.3 2.1	B			6.9 6.7	6.90 0.0	6.9	1.01	7,91
2	3.3 3.1	B	5.92	9.22			8.7	0.61	9,31
3	3.0 2.8	B	5,93	8,93			8.3	0.66	8.96
a	5.8 5.6	5.75 0.1 5.7	5,13	10.58			9.9	1.50	11.40
b	5.9 5.7	5.80 1.1 5.7	5.61	11.41			9.9	1.50	11.40
c	6.0 5.8	5.85 2.1 5.7	5.10	10,95			9.9	1.50	11.40
d	6.1 5.9	6.10 0.0 6.1	5.01	11.11			Tj		
d'	6.4 6.2	6.35 0.1 6.3	4.94	11.29			Tj		
d²	7.1 6.9	7.10 0.0 7.1	4.72	11.82					
e		7.7	4.59	12.29					
f		7.5	4.63	12.13					
g		7.9	4.56	12.46					
h		8.3	4.53	12,83					
k		8.5	4.51	13.01					
l		8.9	4.52	13.42					
m		9.3	4.56	13.86					
~~n~~									
o									

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Saturday, March 11, 1916

Scale m MC 10188 (cont.) diff. images

alt. corr. +.22

	Sc.1	Sc.2	Sc.1	Sc.2	Cu	magn.
	g			L		
2	8.3	8.40	$^{+1'}$	8.5	0.93	9.33
2'	9.3	9.30	^{00}	9.3	0.93	10.23
2^2	8.9	9.10	$^{-2}$	9.3	0.87	9.97
β	8.7	8.75	$^{+0}$	8.8	0.88	9.63
γ	9.3	9.40	$^{+1'}$	9.5	0.95	10.38
δ	9.5	9.60	$^{+1'}$	9.7	1.10	10.70
ε	9.8	9.85	$^{-0.1}$	9.9	1.40	11.25
1	5.5 (3.7)	5.70	^{00}	5.5 (5.7)	1.66	7.36
2	7.8	7.80	^{00}	7.8	1.08	8.88
3	7.7	7.80	$^{+1'}$	7.9	1.08	8.88
a	9.9	9.90	^{00}	9.9	1.75	11.65
b	J.P.			9.9	1.75	11.65
c	J.P			9.9	1.75	11.65
d	9.9			J	1.75	11.65
d'	J			J		

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Saturday, March 11, 1916

Scale m MC 10188 (cont.) Ref. Seq. Alt. corr. +.22

	Sc.1		Sc.2			Sc 1 P.C.	Sc.2		
1	2.5 2.3			5.85	8.35		7.5	0.53	8.33
2	3.1 2.9			5.93	9.03		8.3	0.66	8.96
3	3.1 2.9			5.93	9.03		8.3	0.66	8.96
4	4.1 3.9	4.20 ⊥	4.3	5.68	9.88		9.5	0.74	10.24
5	4.5 4.3	4.50 °°	4.5	5.59	10.09		9.9	1.50	11.40
6	5.9 5.7	5.90 °°	5.9	5.08	10.98		7		
7	6.5 6.3	6.40 ⊥	6.3	4.92	11.32				
8	6.7 6.5	6.60 ⊥	6.5	4.86	11.46				
9	6.9 6.7	6.90 °°	6.9	4.78	11.68				
10			7.7	4.59	12.29				
11			7.5	4.63	12.13				
12			8.3	4.53	12.83				
13			8.1	4.54	12.64				
14			8.3	4.53	12.83				
15			8.5	4.51	13.01				
16			8.5	4.51	13.01				
17			8.7	4.51	13.21				
18			8.9	4.52	13.42				
19			9.3	4.56	13.86				
20			9.5	4.63	14.13				
21			9.8	4.90	14.70				

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Saturday, March 11, 1916

Scale m

MC 10188 (cont.)

diff. images

Alt. corr. +22

	Sc1 Sc2 g	Sc1 Sc2 h		
1	7.3	7.30 7.3	1.23	8.53
2	8.3	8.25 8.2	0.97	9.22
3	8.4	8.25 8.1	0.97	9.22
4	9.1	9.10 9.1	0.88	9.98
5	9.3	9.30 9.3	0.90	10.20
6	9.9	9.90 9.9	1.75	11.65
7	9.9	9.90 9.9	1.75	11.65
8	〃	〃		

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Saturday, March 11, 1916

Scale m	MC 10159 Sc.1	Sc.2	Pole	Sc.1	P.C.	Sc.2
5	B			5.0 4.8	5.05 0.1	5.1
6	B			5.7 5.5	5.70 0.0	5.7
8	2.7 2.5					7.7
9	3.1 2.9					8.3
10	3.1 2.9					8.3
11	3.9 3.7	B				9.1
12	4.3 4.1	4.40 0.1 4.5				9.5
13	4.9 4.7	5.10 0.2 5.3				9.8
14	5.6 5.4	5.65 0.1 5.7				9.9
15	6.0 5.8	6.15 0.1 6.3				?
16	6.7 6.5	6.70 0.0 6.7				
17	6.9 6.7	6.90 0.0 6.9				
18		7.7				
19		7.9				
20		8.5				
23		8.9				
25		9.3				
26		9.8				
27		9.9				
28		?				

See page 169.

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Saturday, March 11, 1916

Scale m MC 10188 (Cont.) diff. images

	Sc 1 Sc 2	Sc 1 Sc 2
	g	h
5	4.3 4.50	4.3
6	5.5 5.70	5.5
8	6.9 7.10	6.9
9	7.7 7.85	7.8
10	8.1 8.10	8.1
11	8.9 8.85	8.8
12	9.3 9.30	9.3
13	9.5 9.55	9.6
14	9.7 9.80	9.9
15	9.9 9.90	9.9
16	7	7

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Tuesday, March 14, 1916

Shut no 299

11.00

Scale m	MC 10189		Pole	Series MC 618			
	Sc.1 Sc.2		10195 P-197	Sc.1 P.C.	Sc.2		
5	B			5.1 4.9 6.20 1.1 5.8	5.3	4.70 4.95 2.5 2.5	1.54
6	B			5.6 5.85 2.1	5.9	5.30 5.58 2.7 2.8	1.53
8	2.7 2.5		2.5 2.60 1.1 5.63		7.6	7.3 7.45 2.1	0.78
9	3.3 3.1		2.8 3.05 3.3 5.78		8.3	7.7 8.00 3.3	0.83
10	3.3 3.1		2.9 3.10 2.2 5.92		8.3	7.8 8.05 3.2	0.97
11	3.9 3.7		3.5 3.70 2.2 5.85		9.1	8.5 8.80 3.3	0.75
12	4.5 4.3 4.50 0.0	4.5	3.6 4.05 4.5 4.5 5.81		9.4	8.9 9.15 2.3	0.71
13	5.1 4.9 5.20 1.1	5.3	4.20 4.70 5.0 5.0 5.60		9.7	9.5 9.60 1.1	0.70
14	5.7 5.5 5.60 1.1	5.5	5.20 5.40 2.0 2.0 5.25		9.9	9.3 9.60 3.3	1.05
15	6.0 5.8 6.05 0.1	6.1	5.50 5.78 2.7 2.8 5.30		7	9.9 9.98 0.8	1.18
16	6.7 6.5 6.60 1.1	6.5	5.95 6.28 3.2 3.3 5.12				
17	6.9 6.7 6.80 1.1	6.7	6.40 6.60 2.0 2.0 5.03				
18		7.5	6.95 7.22 2.8 2.7 4.84				
19		7.7	7.3 7.50 0.2 4.92				
20		8.5	7.6 8.05 5.4 4.68				
23		8.8	8.5 8.65 2.1 4.69				
25		9.3	8.9 9.10 2.3 4.77				
26		9.7	9.4 9.55 1.2 4.78				
27		9.9	9.5 9.70 2.2 4.99				
28		7	9.7 9.98 0.8 5.41				
2							

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Tuesday, March 14, 1916

Scale m	MC 10189 Sc 1	Sc 2	Sc 1	Sc 2	(cont.)		diff. images
	g		h				
5	4.7 4.5	4.75 1.0	4.8 4.6		4.10	4.47 33 32	2.04
6	5.5 5.3	5.50 0.0	5.5 5.3		4.70	5.10 40 40	2.01
8	6.8 6.6	6.90 1.1	7.0 6.8		6.70	6.80 10 10	1.43
9	7.8	7.85 0.1	7.9		7.50	7.68 17 18	1.15
10	8.3	8.20 1.2	8.1		7.65	7.92 28 27	1.10
11	8.9	8.90 0.0	8.9		8.35	8.62 28 27	0.93
12	9.3	9.20 1.1	9.1		8.70	8.95 25 25	0.91
13	9.5	9.50 0.0	9.5		9.20	9.35 15 15	0.95
14	9.6	9.70 1.1	9.8		9.50	9.60 10 10	1.05
15	9.9	9.90 0.0	9.9		9.75	9.82 07 07	1.26
16	9.9		∫		9.80	9.85 05 05	1.65
17	∫		∫				

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Tuesday, March 14, 1916

Ser. 618

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Cond.

Scale m	MC 10190		Carte		10 00 -23.5			alt. corr. -47	
	Sc. 1	Sc. 2	Ar	magn	Sc. 1	P.C	Sc. 2	Ar	magn
1	B				4.1 3.9	4.15 1°	4.2		
2	2.3 2.1				6.5 6.3	6.50 °°	6.5	1.22	7.72
3	2.9 2.7		5.81	8.71			7.6	0.88	8.48
4	3.1 2.9	B	5.84	8.94			8.4	0.78	9.18
5	4.5 4.3	4.50 °° 4.5	5.68	10.18			9.5	0.90	10.40
6	5.7 5.5	5.75 1° 5.8	5.75	11.50			?		
7	5.6 5.4	5.55 01 5.5	5.83	11.38			?		
8	6.5 6.3	4.50 °° 6.5	5.04	11.54					
9	6.6 6.4	6.55 01 6.5	5.03	11.58					
10		7.5	4.81	12.31					
11		7.7	4.76	12.46					
12		7.8	4.75	12.55					
13		8.3	4.70	13.00					
14		8.7 8.8	4.70	13.40					
15		8.6	4.70	13.30					
16		9.1	4.76	13.86					
17		9.4	4.88	14.28					
18		9.5	4.95	14.45					
19		9.7	5.10	14.80					
20		?							

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1915phae.proj.1020L

Tuesday, March 14, 1916

Scale m — MC 10190 (cont.) — diff. images Abt. corr. -.47

	Sc1 Sc2	Sc1 Sc2	Cu	magn
	g	n		
	3.8	01 3.7		
1	3.6	3.75 3.5		
	6.3	6.1		
2	6.1	6.20 11 5.9	1.65	7,85
	7.1			
3	6.9	7.20 1' 7.3	1.28	8,48
4	8.2	8.05 2' 7.9	1.84	9,69
5	8.9	J.P.	0.93	9,83
6	9.9	9.90 0" 9.9	1.50	11.40
7	9.8	9.80 00 9.8	1.25	11.05
8	9.9	~~9.9~~ J.P.	1.50	11.40
9	J	J		

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Tuesday, March. 14, 1916

Cord

Scale m | mc 10191 | DM | 10 20 -10.0 | Att. corr. -08

	Sc.1	Sc.2	Cu	Magn	Sc.1	P.C.	Sc.2	Cu	Magn
1	2.6 2.4		5.70	8.30	7.1 6.9	7.10°°	7.1	1.01	8.11
2	3.0 2.8		5.82	8.82			7.8	0.83	8.63
3	3.5 3.3		5.86	9.36			8.3	0.79	9.09
4	3.9 3.7		5.85	9.75			8.6	0.78	9.38
5	3.9 3.7		5.85	9.75			8.9	0.79	9.69
6	4.7 4.5	4.60 1	4.5	5.65	10.25		9.2	0.81	10.01
7	5.0 4.8	5.15 2 1	5.3	5.46	10.61		9.4	0.85	10.25
8	5.1 4.9	5.20 1 1	5.3	5.38	10.58		9.8	1.10	10.90
9	5.9 5.7	5.85 1°	5.8	5.23	11.08		7		
10	6.6 6.4	6.55 0 1	6.5	5.03	11.58				
11	6.8 6.6	6.85 0 1	6.9	4.96	11.81				
12	7.1 6.9	7.10 0 0	7.1	4.90	12.00				
13			8.5 7	4.81	12.31				
14			7.7	4.76	12.46				
15			7.8	4.75	12.55				
16			8.3	4.70	13.00				
17			8.6	4.70	13.30				
18			8.7	4.70	13.40				
19			9.3	4.84	14.14				
20			9.8	5.30	15.10				

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Tuesday, March 14, 1916

Scale m

MC 10191 (cont.)

diff. images

alt. corr. -.08"

	Sc.1 Sc2	Sc1 Sc2	Lu	Magn
	6.8 g	0.1 6.9 h		
1	6.6	6.85 6.7	1.42	8.27
2	7.7	7.60 11 7.5	1.18	8.78
3	~~8.9~~ 7.9	7.90 00 7.9	1.09	8.99
4	8.3	8.35 10 8.4	0.98	9.38
5	8.5	8.60 11 8.7	0.94	9.54
6	8.7	8.80 11 8.9	0.93	9.73
7	9.5	9.40 11 9.3	0.98	10.35
8	9.5	9.50 00 9.5	1.01	10.51
9	9.8	9.85 01 9.9	1.35	11.20
10	9.9	9.90 00 9.9	1.50	11.40
11	7	7		

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Tuesday, March 14, 1916

Cond.

Scale m | MC 10192 | DM | 10 20 +50 | alt. corr. +.10

	Sc.1		Sc.2	Cu	magn	Sc.1 P.C.	Sc.2	Cu	magn
	2.8								
1	2.6			5.78	8.58		7.5	0.90	8.40
	3.1								
2	2.9			5,84	8.94		8.5	0.78	9,28
	4.1								
3	3.9	4.15	4.2	5.78	9.93		9.5	0.90	10.40
	4.4						9.5		
4	4.2	4.45	4.5	5.70	10,15		9.8	0.90	10.40
	5.1								
5	4.9	5.10	5.1	5.48	10.58		9.7	1.01	10.71
	5.7								
6	5.5	5.60	5.5	5.30	10,90		9.8	1.10	10.99
	6.1						7		
7	5.9	6.00	5.9	5.19	11.19				
	6.5								
8	6.3	6.50	6.5	5.04	11.54				
	6.9								
9	6.7	7.00	7.1	4.92	11.92				
10			7.3	4.85	12.15				
11			7.5	4.81	1231				
12			7.7	4.76	1246				
13			8.1	4.71	12.81				
14			8.4	4.70	13.10				
15			8.5	4.69	13.19				
16			8.7	4.70	13.40				
17			9.3	4.84	14.14				
18			9.4	4.88	14.28				
19			9.7	5.10	14.80				
20			9.9						

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Tuesday, March 14, 1916

Scale m MC 10192 (cont.) diff. images

alt. corr. +10

	Sc1Sc2 q	Sc1Sc2 m	Cu	Magn
1	7.4	7.45 0' 7.5	1.21	8,66
2	8.3	8.20 1' 8.1	1.01	9,21
3	8.9	9.10 2' 9.3	0.93	10,03
4	9.3	9.40 1' 9.5	0.98	10,38
5	9.1	9.20 1' 9.3	0.95	10,15
6	9.6	9.65 0' 9.7	1.10	10,75
7	9.8	9.80 0 9.8	1.25	11.05
8	9.9	9.90 0 9.9	1.50	11.40
9	7	7		

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Tuesday, March 14, 1916

Cancl

Scale m	MC 10193		DM		10 20 +10.0		Alt. corr. +.13	
	Sc. 1	Sc. 2	hr	magn	Sc. 1	P.C. Sc. 2	hr	magn
1	2.9 2.7		5.81	8.71		8.6	0.78	9.38
2	3.7 3.5		5.86	9.56		9.1	0.80	9.90
3	3.9 3.7	B	5.85	9.75		9.3	0.83	10.13
4	4.1 3.9 4.20 1 1	4.3	5.77	9.97		9.7	1.01	10.71
5	4.9 4.7 5.10 3 2	5.3	5.48	10.58		9.9	1.25	11.15
6	5.7 5.5 5.60 1 1	5.5	5.31	10.91		7		
7	6.5 6.3 6.40 1 1	6.3	5.06	11.46				
8	6.9 6.7 6.80 1 1	6.7	4.95	11.75				
9	6.9 6.7 6.90 0 0	6.9	4.94	11.84				
10		7.3	4.85	12.15				
11		7.6	4.79	12.39				
12		7.8	4.75	12.55				
13		7.9	4.73	12.63				
14		8.7	4.70	13.40				
15		8.6	4.70	13.30				
16		9.1	4.76	13.86				
17		9.3	4.84	14.14				
18		9.4	4.88	14.28				
19		9.6	5.01	14.61				
20		9.8	5.30	15.10				

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Tuesday, March 14, 1916

Scale m

MC 10193 (cont.)

	Sc.1 a	Sc.2 a	Sc.1 b	Sc.2 b	Cu	magn:
1	8.3	8.25	10	8.2	1.00	9.25
2	8.7	8.70	00	8.7	0.93	9.63
3	8.7	8.70	00	8.7	0.93	9.63
4	9.4	9.35	01	9.3	0.98	10.33
5	9.5	9.50	00	9.5	1.02	10.52
6	9.9	9.90	00	9.9	1.50	11.46
7	〃		〃			

diff. images

Alt. corr. +.13

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Tuesday, March 14, 1916

Card

Scale m MC 10194 D m 10 20.2 +20.0 alt. corr. +17

	Sc.1		Sc.2	Cu	Magn	Sc.1	P.C.	Sc.2	Cu	Magn
								7.6	0.88	8.48
1	2.6 2.4			5.90	8.30					
2	2.9 2.7			5.81	8.71			7.7	0.86	8.56
3	2.8 2.6			5.78	8.58			8.1	0.80	8.90
4	3.9 3.7		B	5.85	9.75			9.3	0.83	10.13
5	4.0 3.8	4.15 2°	4.3	5.46	9.61			9.6	0.95	10.55
6	5.5 5.3	5.50 00	5.5	6.34	10.84			J.P.		
7	6.5 6.3	6.55 1°	6.6	5.03	11.58			7		
8	6.0 5.8	6.15 21	6.3	5.13	11.28					
9	6.9 6.7	6.90 00	6.9	4.94	11.84					
10			7.3	4.85	12.15					
11			7.5	4.81	12.31					
12			7.7	4.76	12.46					
13			8.3	4.70	13.00					
14			8.3	4.70	13.00					
15			8.4	4.70	13.10					
16			8.7	4.70	13.40					
17			9.1	4.76	13.86					
18			9.3	4.84	14.14					
19			9.7	5.10	14.80					
20			9.8	5.20	15.10					

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Tuesday, March 14, 1916

Scale m

MC 10194 (cont.)

diff. images

Alt. corr. + .17

	Sc 1 Sc 2		Sc 1 Sc 2	Cu	Magn
	7.1 g		7.1 h		
1	6.9	7.10	69	1.33	8.43
2	7.4	7.30	7.2	1.25	8.55
3	7.7	7.65	7.6	1.15	8.80
4	8.7	8.80	8.9	0.93	9.73
5	9.3	9.35	9.4	0.98	10.33
6	9.8	9.80	9.8	1.25	11.05
7	9.9	9.90	9.9	1.50	11.40
8	7		7		
9	7		7		

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1915phae.proj.1020L

Tuesday, March 14, 1916

Scale m MC 10195 Pola

	Sc.1	Sc.2
5	B	
6	B	
8	2.3	
9	2.6	
10	2.7	
11	3.3	
12	3.4	B
13	3.9 4.20 1 1	4.3
14	5.1 5.20 1 1	5.1
15	5.3 5.50 0 0	5.5
16	5.9 5.95 1 2	5.8
17	6.3 6.40 1 1	6.3
18	6.8 6.95 0 1	6.9
19		7.3
20		7.6
23		8.5
25		8.9
26		9.4
27		9.5
28		9.7
29		7

Sc.1	P.C.	Sc.2
4.5	4.70 0 0	4.7
4.9	5.30 2 2	5.5
		7.3
		7.7
		7.8
		8.5
		8.9
		9.5
		9.3
		9.9
		7

See page 185.

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Tuesday, March 14, 1916

Scale m MC 10195 (cont.) diff images

	Sc.1 Sc.2		Sc.1 Sc.2
	g		n
5	4.1 3.9	4.10 .00	4.1 3.9
6	4.7 4.5	4.70 .00	4.7 4.5
8	6.7 6.5 *	6.70 .00	6.7 6.5
9	7.5	7.50 .00	7.5
10	7.6	7.65 .01	7.7
11	8.4	8.35 .01	8.3
12	8.7	8.70 .00	8.7
13	9.2	9.20 .00	9.2
14	9.5	9.50 .00	9.5
15	9.8	9.75 .01	9.7
16	9.8	9.80 .00	9.8
17	17		17

1.05

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Wednesday, March 15, 1916

Shut no 299

11. 25

Scale m	mc 10411 Sc.1	Sc 2	Pole 10416 P. 207		Series mc 633 Sc.1	P. C.	Sc.2		
5	B				4.1 3.9	4.30 2 2	4.5	4.30 4.30 0 0	2.19
6	B				5.5 5.3	5.50 0 0	5.5	5.30 5.40 10 10	1.71
8	2.6 2.4		2.3 2.45 2 1	5.78	6.9 6.7	6.85 1 0	6.8	6.80 6.82 0 2	1.41
9	2.9 2.7		2.9 2.90 0 0	5.93			7.7	7.7 7.70 0 0	1.13
10	3.1 2.9		2.9 3.00 1 1	6.02			8.1	8.2 8.15 1 0	0.87
11	3.7 3.5	B	3.7 3.70 0 0	5.85			8.7	8.5 8.60 1 1	0.95
12	3.9 3.7 4.10 2 2	4.3	4.00 4.05 05 05	5.81			9.3	8.9 9.10 2 2	0.76
13	4.8 4.6 4.95 2 1	5.1	4.50 4.72 23 22	5.58			9.5	9.5 9.50 0 0	0.80
14	5.0 4.8 5.15 2 1	5.3	5.10 5.12 03 02	5.53			J.P.	9.7 9.78 a =	0.95
15	5.8 5.6 5.75 0 1	5.7	5.50 5.62 13 12	5.46			J	9.9 9.78 a =	1.38
16	6.3 6.1 6.30 0 0	6.3	5.80 6.05 25 25	5.35			J		
17	6.7 6.5 6.70 0 0	6.7	6.40 6.55 15 15	5.08					
18		7.3	7.3 7.30 0 0	4.76					
19		7.5	7.5 7.50 0 0	4.92					
20		7.8	7.7 7.75 0 1	4.98					
23		8.4	8.5 8.45 0 1	4.89					
25		8.7	8.8 8.75 1 0	5.12					
26		9.3	8.9 9.10 2 3	5.23					
27		J.P.	9.3 9.38 a =	5.39					
28		9.8	9.8 9.80 0 0	5.31					

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Wednesday March 15, 1916

Scale m MC 10411 (cont.) diff. images

	Sc.1 Sc.2	Sc.1 Sc.2		
5	4.0 3.8 4.00 4.0 3.8	3.95	3.98 02 03	2.51
6	4.7 4.5 4.70 4.7 4.5	4.65	4.68 02 03	2.43
8	6.7 6.5 6.70 6.7 6.5	6.65	6.68 02 03	1.55
9	7.5 7.50 7.5	7.30	7.40 10 10	1.43
10	7.5 7.60 7.7	7.55	7.58 02 03	1.44
11	8.4 8.45 8.5	8.05	8.25 20 20	1.30
12	8.7 8.70 8.7	8.65	8.68 02 03	1.18
13	8.7 8.75 8.8	8.85	8.80 05 05	1.50
14	9.3 J.P.	9.30	9.30 00 00	1.35
15	9.8 9.80 9.8	9.55	9.68 12 13	1.40
16	9.9 9.90 9.9	9.9	9.90 00 00	1.50
17	J J	9.9	9.98 -a	1.73

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Wednesday, March 15, 1916

Ser 633

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Card.

Scale m | MC 10413 | Carte | 4 59.7 +54.5 | alt. corr. +.20

	Sc.1	Sc.2	Cu	magn	Sc.1	P.C.	Sc.2	Cu	magn
1	B				6.0 5.8	5.83 2 1	5.7	1.63	7.48
2	12.1 2.9				6.8 6.6	6.75 0 1	6.7	1.34	8.09
3	2.9 2.1		5.95	8.85			7.9	1.03	8.93
4	2.9 2.9		5.94	9.04			8.5	0.92	9.42
5	3.9 3.7	4.10 2 2 4.3	5.78	9.88			9.3	0.87	10.17
6	4.5 4.3	4.50 0 0 4.5	5.70	10.20			9.7	0.90	10.60
7	5.5 5.3	5.35 1 2 5.2	5.50	10.85			7		
8	5.5 5.3	5.40 1 1 5.3	5.48	10.88					
9	5.9 5.7	5.85 1 0 5.8	5.33	11.18					
10	6.5 6.3	6.50 0 0 6.5	5.12	11.62					
11	6.7 6.5	6.50 2 2 6.3	5.12	11.62					
12	6.9 6.6	6.70 1 1 6.6	5.07	11.77					
13	7.1 6.9	7.10 0 0 7.1	4.98	12.08					
14			7.3	4.95	12.25				
15			7.5	4.92	12.42				
16			7.7	4.92	12.62				
17			7.8	4.94	12.74				
18			8.5	5.06	13.56				
19			9.1	5.23	14.33				
20			9.5	5.37	14.87				

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Wednesday, March 15, 1916

Scale m MC 10413 (cont.) diff. images

	Sc.1	Sc.2	Sc.1–Sc.2	Cu magn	Alt. corr. + 20
1	5.8 5.6	5.75	0.1 5.7 5.5	1.97	7.72
2	6.1 5.9	5.95	1.2 5.8 5.6	1.89	7.84
3	7.5	7.50	0.0 7.5	1.37	8.87
4	7.7	7.70	0.0 7.7	1.34	9.04
5	8.6	8.65	0.1 8.7	1.32	9.97
6	8.8	9.05	0.3 9.3	1.36	10.41
7	9.5	9.45	0.1 9.4	1.44	10.89
8	9.5	9.55	0.1 9.6	1.48	11.03
9	9.9	9.90	0.0 9.9	1.60	11.50
10	7		7		

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Wednesday, March 15, 1916

Scale m MC 10414 DM Iris Comp Stars 5 50 +17.5 alt. corr. +.16

	sc 1		sc 2	Cu	magn	sc 1	P. C.	sc 2	Cu	magn
	2.8									
1	2.6			5.96	8.76			7.5	1.13	8.63
	2.9									
2	2.7			5.95	8.85			8.2	0.98	9.18
	3.4									
3	3.2			5.90	9.30			J.P.		
	3.9									
4	3.7			5.78	9.68			9.2	0.87	10.07
	4.3									
5	4.1	4.30	4.3	5.74	10.04			9.6	0.88	10.48
	5.1									
6	4.9	5.10	5.1	5.55	10.63			9.7	0.90	10.60
	5.5									
7	5.3	5.50	5.5	5.44	10.94			9.9	0.92	10.82
	6.3							J		
8	6.1	6.35	6.4	5.16	11.51					
	6.6									
9	6.4	6.55	6.5	5.10	11.65					
	7.0									
10	6.8	7.05	7.1	4.99	12.04					
11			7.3	4.95	12.25					
12			7.6	4.92	12.52					
13			7.8	4.94	12.74					
14			8.3	5.00	13.30					
15			8.5	5.06	13.56					
16			8.5	5.06	13.56					
17			9.1	5.23	14.33					
18			9.3	5.27	14.57					
19			9.5	5.37	14.87					
20			9.9	5.51	15.41					

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Wednesday, March 15, 1916

Scale m	MC 10414			(cont.)		diff. images
	Sc.1	Sc.2	Sc.1 Sc.2	Cu magn		Obs. corr. +.16
	6.8 a		01 6.7 b			
1	6.6	6.75	6.5	1.55	8.30	
2	7.5	7.55 ⊥ °	7.6	1.37	8.92	
3	7.5	7.60 ⊥ '	7.7	1.36	8.96	
4	8.3	8.40 ⊥ '	8.5	1.30	9.70	
5	8.7	8.70 ° °	8.7	1.32	10.02	
6	J.P.		9.3	1.40	10.70	
7	9.5	9.50 ° °	9.5	1.45	10.95	
8	J.P.		7			
9	9.9	9.90 ° °	9.9	1.60	11.50	
10	7		7			

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Scale m mc 10415 Carte 5 59,7 -9.5 Alt. corr. -10

	Sc.1	Sc.2	Ch	magn	Sc.1	P.C.	Sc.2	Ch	magn
	2.5				6.9				
1	2.3		5.95	8.45	6.7	7.00 $^{\perp 1}$	7.1	1.27	8.27
	3.1								
2	2.9		6.94	9.04			8.3	0.96	9.26
	3.0								
3	2.8		5.94	8.94			8.7	0.90	9.60
	3.5								
4	3.3		5.89	9.39			J.P		
	3.6								
5	3.6		5.84	9.64			9.3	0.87	10.17
	4.0								
6	3.8	4.3	5.77	9.92			9.6	0.89	10.49
	4.7								
7	4.5 4.60 $^{\perp 1}$	4.5	6.67	10.27			N.S		
	5.5								
8	5.3 5.50 ^{00}	5.5	5.44	10.94			J		
	6.1								
9	5.9 6.10 ^{00}	6.1	5.25	11.35					
	6.7								
10	6.5 6.65 ^{10}	6.6	5.09	11.74					
	6.7								
11	6.5 6.60 $^{\perp 1}$	6.5	5.10	11.70					
	6.6								
12	6.4 6.55 $^{0\perp}$	6.5	5.10	11.65					
	6.9								
13	6.7 6.85 ^{10}	6.8	5.02	11.87					
14		7.8	4.94	12.74					
15		8.1	4.97	13.07					
16		8.7	5.11	13.81					
17		9.1	5.23	14.33					
18		9.3	5.27	14.57					
19		J							
20		J							

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Wednesday, March 15, 1916

Scale m

MC 10415 (cont.)

diff. images

Alt. corr. −10

	Sc 1	Sc 2	Sc 1 − Sc 2	Cu magn.	
	6.7		6.5		
1	6.5	6.60	6.3	1.62	8,22
2	7.5	7.55	7.6	1.37	8,92
3	7.7	7.80	7.9	1.32	9,12
4	8.3	8.30	8.3	1.30	9,60
5	8.6	8.70	8.8	1.32	10,02
6	9.3	9.10	8.9	1.36	10,46
7	9.4	9.45	9.5	1.44	10,89
8	9.8	9.85	9.9	1.58	11,43
9	7		7		

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Wednesday, March 15, 1916

Scale m MC 10416 Pole

	Sc.1		Sc.2
5	B		
6	B		
8	2.3 2.1		
9	2.9 2.7		
10	2.9 2.7		
11	3.7 3.5		
12	3.9 3.7	4.00 1.1	4.1
13	4.5 4.3	4.50 0.0	4.5
14	5.1 4.9	5.10 0.0	5.1
15	5.5 5.3	5.50 0.0	5.5
~~16~~	~~5.9 5.7~~		5.9
17	6.5 6.3	6.40 1.1	6.3
18			7.3
19			7.5
20			7.7
23			8.5
25			8.8
26			8.9
27			9.3
28			9.8
29			7
16	5.9 5.7	5.80 1.1	5.7

Sc.1	P.C.	Sc.2
4.1 3.9	4.30 0.2	4.5
5.3 5.1	5.30 0.0	5.3
6.9 6.7	6.80 1.1	6.7
		7.7
		8.2
		8.5
		8.9
		9.5
		9.7
		9.9
		7

See page 199

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Wednesday. March. 15, 1916

Scale m — MC 10416 (cont.) — diff. images

	Sc.1	Sc.2	Sc.1	Sc.2
	4.0			3.9
5	3.8	3.95		3.7
	4.7			4.6
6	4.5	4.65		4.4
	6.7			6.6
8	6.5	6.65		6.4
9	7.3	7.30		7.3
10	7.7	7.55		7.6
11	8.2	8.05		7.9
12	8.7	8.65		8.6
13	8.8	8.85		8.9
14	9.3	9.30		9.3
15	9.5	9.55		9.6
16	9.9			J.P.
17	9.9			J.P
18	J			J

~~12.55~~
1.00

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Saturday, March 25, 1916.

Shut no 300

11.15

Scale m	MC 10456 Sc 1	Sc 2	Pole 10461 P. 219	Series MC 637 Sc 1 P.C.	Sc 2		
5	B			5.7 5.5 5.65 1 0	5.6	5.60 5.62 0 3 0 3	0.87
6	B			6.6 6.4 6.55 0 1	6.5	6.35 6.45 10 10	0.66
8	2.8 2.6		2.9 2.85 0 1	5.38	7.8	7.8 7.80 0 0	0.43
9	3.7 3.5		3.8 3.75 1 0	5.08	8.9	8.7 8.80 1 1	0.03
10	3.7 3.5		3.8 3.75 1 0	5.27	9.1	8.7 8.90 2 2	0.12
11	4.3 4.1 4.35 1 0	4.4	4.05 4.20 15 15	5.35	9.5	9.3 9.40 1 1	0.15
12	4.7 4.5 4.60 1 1	4.5	4.90 4.75 15 15	5.11	9.7	9.5 9.60 1 1	0.26
13	5.6 5.4 5.55 0 1	5.5	5.75 5.65 10 10	4.68	9.9	9.9 9.90 0 0	0.40
14	5.7 5.5 5.75 1 0	5.8	6.30 6.02 27 28	4.63			
15	6.7 6.5 6.70 0 0	6.7	6.65 6.68 0 2 0 3	4.40			
16	7.1 6.9 7.20 1 1	7.3	7.00 7.10 10 10	4.30			
17		7.3	7.4 7.35 1 0	4.28			
18		7.7	7.7 7.70 0 0	4.36			
19		8.3	8.3 8.30 0 0	4.12			
20		8.5	8.5 8.50 0 0	4.23			
23		9.2	8.8 9.00 2 2	4.34			
25		9.5	9.3 9.40 4 4	4.47			
26		9.8	9.7 9.75 0 1	4.58			
27			9.9 9.98 2 2	4.79			

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Saturday, March 25, 1916

Scale m MC 10456 (cont.) diff. images

	Sc 1	Sc 2	Sc 1	Sc 2				
		g		h				
	4.9			4.9				
5	4.7	4.90	00	4.7	4.70	4.80	10	1.69
	5.7			5.8				
6	5.5	5.75	10	5.6	5.75	5.75	00	1.36
8		7.5	7.55	10 7.6	7.10	7.32	23 22	0.91
9		8.1	8.20	11 8.3	7.70	7.95	25 25	0.88
10		8.5	8.60	11 8.7	8.50	8.55	05 05	0.47
11		9.1	9.15	10 9.2	8.85	9.00	15 15	0.55
12		9.5	9.55	10 9.6	9.15	9.35	20 20	0.51
13		9.8	9.75	01 9.7	9.30	9.52	23 22	0.88
14		7		7	9.85	9.85	0	0.80

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Saturday, March 25, 1916

Ser 637

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Card,

Scale m	mc 10457		Carte		10.00 + 50			Alt. corr. +.09	
	Sc.1	Sc.2	Cu	magn	Sc.1	P.C.	Sc.2	Cu	magn
1	2.6 2.4						7.8	0.35	8,15
2	3.1 2.9		5.36	8,46			8.1	0.28	8,38
3	3.7 3.5		5.30	9,00			8.8	0.13	8.93
4	4.7 4.5 4.80 11	4.9	5.05	9,85			9.7	0.30	10.00
5	5.5 5.3 5.50 00	5.5	4.80	10,30			9.9	0.40	10.30
6	5.5 5.3 5.50 00	5.5	4.80	10,30			7		
7	6.7 6.5 6.70 00	6.7	4.44	11,14					
8	X	7.4	4.30	11,70					
Remeas Jan 18. 9		7.7	4.28	11,98					
~~9.5~~ 8.8 10		8.7	4.28	12,98					
~~8.3~~ 9.2 11		8.7	4.28	12,98					
~~8.4~~ 9.3 12		9.1	4.35	13,45					
13		9.3	4.43	13,73					
14		9.1	4.35	13,45					
15		9.8	4.65	14.45					
16		9.8	4.65	14.45					
17		9.9	4.70	14.60					
18		M							
19		n s							
20		n s							

Remeas by H.S. Lo. June 22, 1916. Rec.O.

	Sc.2
13	9.4
14	9.6
15	9.8

Above measure must be wrong. H.S. Lo.

Remeas by O. May 11, 1916.

	~~Sc.2~~
13	9.3
14	9.4 ~~9.3~~
15	9.8

Reject No. 14. H.S.L. June 23, '16

Reject measure of No. 11. Accidental ~~area~~ large. H.S.L. Jan. 1, '18

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Saturday, March 25, 1916

Scale m

mc 10457 (cont.)

diff. images

Alt. corr. +.09

	Sc 1	Sc 2	Sc 1 Sc 2	Cu	magn
	6,89	01	6,9h		
1	6.6	6.85	6.7	1.01	7,86
2	7.5	7.50	7.5	0.81	8,31
3	8.1	8,15	8.2	8,64	8,79
4	9.2	9.20	9.2	0.57	9,77
5	9.4	9.55	9.7	0.68	10,23
6	9.5	9.60	9.7	0.72	10,32
7	7		7		

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Saturday, March 25, 1916

Cards.

Scale m | MC 10458 | D m | 10 00 + 35 | alt corr. +.21

	Sc.1	Sc.2	Cu	Magn	Sc.1 P.C.	Sc2	Cu	Magn
1	2.6 2.4					7.8	0.35	8.15
2	2.8 2.6		5.38	8.18		8.3	0.24	8.54
3	3.8 3.6	B	5.28	9.08		9.2	0.14	9.34
4	4.0 3.8 4.05 [01]	4.1	5.23	9.28		9.4	0.18	9.58
5	5.5 5.3 5.50 [00]	5.5	4.80	10.30		7		
6	6.5 6.3 6.50 [00]	6.5	4.50	11.00				
7	6.8 6.6 6.70 [12]	6.6	4.44	11.14				
8		7.5	4.29	11.79				
9		7.7	4.28	11.98				
10		7.9	4.26	12.16				
11		7.9	4.26	12.16				
12		8.7	4.28	12.98				
13		8.7	4.28	12.98				
14		9.2	4.39	13.59				
15		9.7	4.60	14.38				

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Saturday, March 25, 1916

Scale m

MC 10458 (cont.)

diff. images

Alt corr. +.21

	Sc.1	Sc.2	Sc1Sc2	Cu	Magn
	6.9 g		10 6.5 h		
1	6.7	6.85	6.6	1.01	7.86
2	7.6	7.55	01 7.5	0.80	8.35
3	8.4	8.45	01 8.5	0.60	9.05
4	8.7	8.70	00 8.7	0.55	9.25
5	9.3	9.40	11 9.5	0.63	10.03
6	7		7		

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Saturday, March 25, 1916

Card.

Scale m MC 10459 DM 9 59 50 +45.0 Alt. corr. +.21

	Sc.1		Sc.2	Cu	Magn	Sc.1	P.C.	Sc.2	Cu	Magn.
1	2.5 2.3					7.0 6.8	6.95 ° 1	6.9	0.56	9.41
2	2.9 2.7			6.38	8.28			7.9	0.32	8.22
3	4.5 4.3	4.50 ° °	4.5	5.14	9.64			9.5	0.22	9.72
4	5.6 5.4	5.65 ° '	5.7	4.77	10.42			⊽		
5	6.3 6.1	6.20 ' 1	6.1	4.58	10.78			⊽		
6			7.3	4.31	11.61					
7			7.7	4.28	11.98					
8			7.7	4.28	11.98					
9			7.9	4.26	12.16					
10			8.5	4.27	12.77					
11			8.7	4.28	12.98					
12			8.8	4.29	13.09					
13			9.2	4.39	13.59					
14			9.5	4.51	14.01					
15			9.8	4.65	14.45					

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Scale m MC 10459 (cont.) diff. images

Alt. corr. +.21

	Sc 1	Sc 2	Sc 1 − Sc 2	Qu	magn
	6.6 g		01 6.7 n		
1	6.4	6.65	6.5	1.09	7.74
2	7.7	7.65	7.6	0.78	8.43
3	8.7	8.65	8.6	0.56	9.21
4	9.5	9.50	9.5	0.66	10.16
5	7		7		

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Saturday, March 25, 1916

Card.

Scale mi	MC 10460 DM				10 00 + 55				Alt. corr. +.20	
	Sc 1		Sc 2	Lu	magn	Sc 1	P.C.	Sc 2	Lu	magn
1	2.4 (2.6)							7.7	0.38	8.08
2	2.7 (2.9)			5.38	8.28			8.4	0.21	8.61
3	3.9 (4.1)	4.15	4.2	5.21	9.36			9.3	0.15	9.45
4	4.1 (4.3)	4.30	4.3	5.18	9.48			9.5	0.22	9.72
5	5.4 (5.6)	5.60	5.6	4.78	10.38			9.9	0.40	10.30
6	6.4 (6.6)	6.60	6.6	4.48	11.08			7		
7	6.7 (6.9)	6.85	6.8	4.40	11.25					
8			7.5	4.29	11.79					
9			7.7	4.28	11.98					
10			7.9	4.26	12.16					
11			8.5	4.27	12.77					
12			8.5	4.27	12.77					
13			8.6	4.27	12.87					
14			8.9	4.30	13.20					
15			9.3	4.43	13.73					
16			9.4	4.45	13.85					
17			9.9	4.70	14.60					

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Saturday, March 25, 1916

Scale m

MC 10460 (cont.)

diff. images

alt. corr. +20

	Sc.1 Sc2	Sc1 Sc2	Cu	magn
	6.9 g	7.1 n		
1	6.7 7.00	11 6.9	0.98	7.98
2	7.7 7.70	00 7.7	0.76	8.46
3	8.7 8.70	00 8.7	0.55	9.25
4	~~9.5~~ 8.6	8.70 11 88	0.55	9.25
5	~~9.7~~ 9.5	9.60 11 9.7	0.72	10.32
6	〃	〃		

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Saturday, March 25, 1916

Scale m MC 10461 Pole

	Sc 1		Sc 2
5	B		
6	B		
8	2.9 2.7		
9	3.8 3.6		
10	3.8 3.6		
11	4.0 3.8	4.05 $^{0}_{1}$	4.1
12	4.9 4.7	4.90 $^{0}_{0}$	4.9
13	5.8 5.6	5.75 $^{0}_{1}$	5.7
14	6.5 6.3	6.30 $^{2}_{2}$	6.1
15	6.6 6.4	6.65 $^{0}_{1}$	6.7
16	7.1 6.9	7.00 $^{1}_{1}$	6.9
17			7.4
18			7.7
19			8.3
20			8.5
23			9.8
25			9.3
26			9.7
27			9.9

Sc 1	P. C.	Sc 2
5.6 5.4	5.60 $^{0}_{0}$	5.6
6.4 6.2	6.35 $^{0}_{1}$	6.3
		7.8
		8.7
		8.7
		9.3
		9.5
		9.9
		7

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Scale m

mc 10461 (cont.)

diff. images

	Sc.1	Sc.2	Sc1 Sc2
			h
	4.7		4.7
5	4.5	4.70	4.5
	5.8		5.7
6	5.6	5.75	5.5
	7.1		7.1
8	6.9	7.10	6.9
9	7.7	7.70	7.7
10	8.5	8.50	8.5
11	8.8	8.85	8.9
12	9.1	9.15	9.2
13	9.3	9.30	9.3
14	9.9	9.85	9.8
15	7		7

12.50

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