

KG

11366
022

Book V

H. S. Locke.

KG11366.022

Examined through page 210 for undulating, and
changes entered in copy, in various books.

H. S. L. July 12, 1917

K & 11366.022



Thursday, April 27, 1916

Sheet no 310.

10.25

Series MC 574

Scale m

MC 9636

Pole

	Sc. 1	Sc. 2	9641 P 13	Sc. 1	P.C.	Sc. 2
5				4.5 4.3		3.9 4.20 ^{3 3} 2.29
6				5.5 5.3		5.0 5.25 ^{3 2} 1.86
8				7.1 6.9		2.05 7.08 ^{0 0 3} 1.15
9						7.9 7.8 7.85 ^{1 0} 0.98
10	2.9 2.7		10 2.8 2.85			8.1 8.1 8.10 ^{0 0} 0.92
11	3.9 3.7		3.7 3.80 ^{1 1}	5.75		8.6 8.8 9.70 ^{1 1} 0.85
12	4.4 4.2		3.9 4.15 ^{2 3}	5.71		9.3 9.3 9.30 ^{0 0} 0.86
13	5.3 5.1		4.9 5.10 ^{2 2}	5.20		9.6 9.7 9.65 ^{0 1} 0.65
14	5.7 5.5		5.5 5.60 ^{1 1}	5.05		9.8 9.8 9.80 ^{0 0} 0.85
15	5.9 5.7		6.0 5.95 ^{1 0}	5.13		9.8 9.9 9.80 ^{0 1} 1.23
16	6.3 6.1	6.30 ^{0 0}	6.3 6.45 6.38 ^{0 5 0 7}	5.02		9.9 . 9. 1.50
17	6.7 6.5	6.70 ^{0 0}	6.7 6.70 6.70 ^{0 0 0 0}	4.93		7
18			7.3 7.3 7.30 ^{0 0}	4.76		
19			7.6 7.6 7.60 ^{0 0}	4.82		
20			7.8 8.3 8.05 ^{2 2}	4.68		
23			8.4 8.7 8.55 ^{3 1}	4.79		
25			8.9 9.3 9.10 ^{2 2}	4.77		
26			9.3 9.55 9.42 ^{12 13}	4.91		
27			9.5 9.6 9.90 9.72 ^{12 15}	4.97		
28			9.9 9.9 . 9. 5.21			

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scale m mC 9636 (cont) diff. images

	Sc.1	Sc.2	Sc.1	Sc.2	
	g		h		
5	3.7 ^{3.9}	3.90 ⁰⁰	3.7 ^{3.9}	3.90 ^{3.9000}	2.59
6	4.9 ^{5.1}	5.05 ¹⁰	4.8 ^{5.0}	4.85 ^{4.951010}	2.16
8	6.6 ^{6.5}	6.50 ⁰⁰	6.6 ^{6.5}	6.52 ^{6.5003}	1.41
9	7.7	7.65 ¹⁰	7.6	7.70 ^{7.680302}	1.15
10	7.7	7.70 ⁰⁰	7.7	8.00 ^{7.851515}	1.17
11	8.6	8.55 ⁰¹	8.5	8.60 ^{8.580302}	0.97
12	8.8	8.80 ⁰⁰	8.8	8.60 ^{8.8000}	1.06
13	9.2	9.15 ⁰¹	9.1	9.30 ^{9.220705}	1.08
14	9.5	9.60 ¹⁰	9.7	9.60 ^{9.6000}	1.05
15	9.8	9.80 ⁰⁰	9.8	9.80 ^{9.8000}	1.28
16	9.9	9.85 ¹⁰	9.8	9.90 ^{9.880302}	1.52
17	7	9.9	Q		1.73

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Card

Scale m	MC 96 37	Carte	17 59 40 + 5.0	Alt. corr. - .21
	Sc.1	Sc.2	Lu Magn	Sc.1 P.C. Sc.2 Lu Magn
1	B			7.4 1.07 8.47
2	^{3.6} 3.4	5.88	9.48	8.5 0.77 9.27
3	^{3.9} 3.7	5.75	9.65	8.9 0.66 9.56
4	^{4.6} 4.4	5.51	10.11	J.P.
5	^{4.6} 4.4	5.51	10.11	9.8 0.90 <u>10.70</u>
6	^{5.6} 5.4	5.17	10.77	J
7	^{5.9} 5.7	5.10	11.00	
8	^{6.1} 5.9	5.04	11.14	
9	^{6.5} 6.3	4.95	11.45	
10	^{6.6} 6.4	4.93	11.53	
11	^{6.7} 6.5 6.70°	6.7 4.91	11.61	
12	^{6.8} 6.6 6.75°	6.7 4.90	11.65	
13		7.4 4.78	12.18	
14		7.5 4.77	12.27	
15		7.5 4.77	12.27	
16		7.8 4.73	12.53	
17		8.3 4.72	13.02	
18		8.7 4.74	13.44	
19	^{9.55} 9.5 9.6	4.98	14.53	
20	^{9.85} 9.8 9.9	5.82	<u>15.47</u>	

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scale m	MC 9637		(cont)		diff images	alt. corr. -.21
	sc.1	sc.2	sc.1/sc.2	ln	magn	
1	^{8.9} 6.7	¹⁰ 6.85	^h 6.6	1.44	8.29	
2	7.8	7.80°	7.8	1.15	8.95	
3	8.6	8.65°	8.7	1.01	9.66	
4	8.9	8.10 ³²	9.3	1.02	10.12	
5	9.1	9.20 ¹	9.3	1.03	10.23	
6	9.7	9.75 ¹	9.8	1.26	<u>11.01</u>	
7	9.9	9.90°	9.9	1.50	<u>11.40</u>	
8	7		7			

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Scale m		Card.				Det. corr - .06		
mc 9638		Eros C. S.		20	40	10	- 7.5	
Sc.1	Sc.2	Cu	Magn	Sc.1	P.C.	Sc.2	Cu	Magn
1						7.4	1.07	8.47
2	B					7.7	0.99	8.69
3	^{3.8} 3.6	5.81	9.61			8.9	0.66	9.56
4	^{4.6} 4.4	5.51	10.11			9.6	0.68	10.28
5	^{4.9} 4.7	5.40	10.30			9.8	0.90	<u>10.70</u>
6	^{5.9} 5.7	5.80 ¹¹	5.7 5.12			7		
7	^{6.8} 6.6	6.75 ⁰¹	6.7 4.90					
8		7.5	4.77					
9		7.5	4.77					
10		7.4	4.78					
11		7.8	4.73					
12		7.9	4.73					
13		8.3	4.72					
14		8.7	4.74					
15		8.6	4.74					
16		8.9	4.78					
17		9.5	4.94					
18		9.3	4.87					
19	^{9.9000} 9.9	9.9	5.16					<u>15.06</u>
20	^{9.8000} 9.8	9.8	5.10					<u>14.90</u>

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Scale m	mc 9638		(cont.)	diff. images	alt. corr. -.06
	Sc 1 Sc 2	Sc 1 Sc 2	Or magn		
	n				
1	^{9.1} 6.9	^{1.2} 7.05 ^{6.5} 6.6	1.36	8.41	
2	7.5	^{1.0} 7.55 7.6	1.22	8.77	
3	8.2	^{1.1} 8.30 8.4	1.06	9.36	
4	9.3	^{1.0} 9.25 9.2	1.04	10.29	
5	9.3	^{1.0} 9.35 9.4	1.06	10.41	
6	9.8	^{0.1} 9.85 9.9	1.40	<u>11.25</u>	
7	7	7			

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Card

Scale m	MC 9639	D ₁₁	21	00	-15.0	alt. corr. - .20			
	Sc.1	Sc.2	Pu	Magn	Sc.1	P.C.	Sc.2	Pu	Magn
1				5.9 5.7				1.62	7.52
2				6.3 6.1				1.46	7.76
3				6.8 6.6				1.28	8.08
4				6.6 p. edge 6.4				1.34	7.94
5				6.7 6.5				1.32	8.02
6				6.7 6.5				1.32	8.02
7				7.0 6.8				1.21	8.21
8	B			6.8 6.6		6.75 ° L	6.7	1.30	8.05
9	B			7.0 6.9		7.10 ° °	7.1	1.17	8.27
10	B						7.5	1.04	8.54
11	B						7.8	0.96	8.76
12	2.9 2.7		6.15	9.05			8.2	0.85	9.05
13	2.9 2.7		6.15	9.05			8.5	0.77	9.27
14	5.9						8.9	0.66	9.56
15	4.1 3.9		5.69	9.79			9.3	0.60	9.90
16	4.3 4.1		5.61	9.91			9.3	0.60	9.90
17	4.7 4.5		5.46	10.16			9.4	0.61	10.01
18	5.1 4.9		5.33	10.43			9.6	0.68	10.28
19	4.9 4.7		5.40	10.30			9.7	0.76	10.46
20	5.1 4.9		5.33	10.43			9.6	0.68	10.28
21	5.5 5.3		5.20	10.70			9.9	1.30	11.20
22	5.3 5.1		5.26	10.56			9.9	1.30	11.20
23	5.8 5.6		5.12	10.92			9.9	1.30	11.20
24	5.6 5.4		5.17	10.77			9.9	1.30	11.20
25	6.4 6.2		4.98	11.38			7		
26	6.8 6.6		4.89	11.69					
27	6.9 6.7	6.85 °	6.8	4.88					

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Scale m	mc 9639	(cont.)	def	alt. corr. -.20
	Sc. 1	Sc. 2	cu	magn
26	^{6.9} 6.7 6.85 ¹⁰	6.8	4.88	11.73
29		7.3	4.80	12.10
30		7.7	4.79	12.44
31		8.3	4.72	13.02
32		8.5	4.73	13.23
33		8.4	4.72	13.12
34		8.5	4.73	13.23
35		8.8	4.76	13.56
36		8.8	4.76	13.56
37		9.1	4.82	13.92
38		9.3	4.87	14.19
39		9.4	4.90	14.30
39 ₀₀		9.8	5.10	14.90
40		^{9.9000} 9.9 9.9	5.16	15.06
41		^{9.8501} 9.8 9.9	5.12	14.97

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scale m	mc 9639		(cont.)	diff. images	alt. corr. -20
	sc.1	sc.2	sc.1 sc.2	Pu	Magn
	g h				
1	5.0 4.8	5.1 5.05	5.1 4.9	2.12	7.17
2	5.9 5.7	5.11 5.80	5.7 5.5	1.81	7.61
3	5.5 5.3	5.7 5.60	5.7 5.5	1.88	7.48
4	5.8 5.6	5.9 5.85	5.9 5.7	1.80	7.65
5	5.7 5.5	5.7 5.70	5.7 5.5	1.85	7.55
6	6.5 6.3	6.5 6.50	6.5 6.3	1.54	8.04
7	6.6 6.4	6.6 6.60	6.6 6.4	1.51	8.11
8	6.8 6.6	6.8 6.80	6.8 6.6	1.45	8.25
9	7.1 6.9	7.1 7.10	7.1 6.9	1.35	8.45
11	7.3	7.40 ¹¹	7.5	1.27	8.67
12	7.8	7.70 ¹¹	7.6	1.17	8.87
13	7.8	7.80 ⁰⁰	7.8	1.15	8.95
14	8.4	8.45 ⁰¹	8.5	1.03	9.48
15	8.7	8.80 ¹¹	8.9	1.01	9.81
16	8.7	8.90 ²²	9.1	1.01	9.91
17	9.3	9.20 ¹¹	9.1	1.03	10.23
18	9.3	9.30 ⁰⁰	9.3	1.05	10.35
19	9.3	9.35 ¹⁰	9.4	1.06	10.41
20	9.4	9.40 ⁰⁰	9.4	1.07	10.47
21	9.5	9.60 ¹¹	9.7	1.13	10.73
22	9.6	9.65 ⁰¹	9.7	1.18	10.83
23	9.7	9.75 ¹⁰	9.8	1.26	11.01
24	9.8	9.85 ⁰¹	9.9	1.40	11.25
25	9.8	9.85 ⁰¹	9.9	1.40	11.25
26	7	7			

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Card.

Scale m	MC 9640	Carte	22	00	-10.0	alt. corr. -.09
	Sc.1	Sc.2	Sc.1	P.C.	Sc.2	Alt.
1	B		5.7 5.5		1.69	7.39
2	B				7.5	8.54
3	^{3.6} 3.4	5.88			8.5	9.27
4	^{3.9} 3.7	5.75			9.2	9.80
5	^{4.4} 4.2	5.57			9.2	9.80
6	^{4.8} 4.6	5.43			5.1	
7	^{5.5} 5.3	5.20			9.9	11.20
8	^{5.7} 5.5	5.14			9.9	11.20
9	^{6.1} 5.9	^{6.10} 6.1	5.04		7	
10	^{6.1} 5.9	^{6.25} 6.4	4.99			
11	^{6.8} 6.6	^{6.75} 6.7	4.90			
12		7.4	4.78			
13		7.7	4.73			
14		7.9	4.73			
15		7.98	4.73			
16		7.8	4.73			
17		8.3	4.72			
18		8.4	4.72			
19		8.9	4.76			
20		9.4	4.92			

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Scale - m

MC 9640

(cont.)

diff. images

alt. corr. -.09

	Sc.1	Sc.2	Sc.1	Sc.2	Cu	magn
	g		h			
	5.4	5.5	5.4	5.5		
1	5.2	5.45	5.3		1.93	7.38
	6.9	10	6.8			
2	6.7	6.85	6.6		1.44	8.29
3	8.1		J.P.		1.09	9.19
4	8.6	8.60	8.6		1.02	9.62
5	8.9	9.05	9.1		1.02	10.02
6	8.8	8.85	8.9		1.01	9.86
7	9.8		J.P.		1.30	11.10
8	9.8	9.80	9.8		1.30	11.10
9	9.9	9.90	9.9		1.50	11.40
10	9.9	9.90	9.9		1.50	11.40
11	7		7			

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Scale m	MC 9641		Pole			
	Sc.1	Sc.2	Sc.1	P.C.	Sc.2	
5			^{3.9} 3.7			
6			^{5.0} 4.8			
8			^{7.0} 6.8	7.05°	7.1	
9					7.8	
10	^{2.8} 2.6				8.1	
11	^{3.7} 3.5				8.8	
12	^{3.9} 3.7				9.3	
13	^{4.9} 4.7				9.7	
14	^{5.5} 5.3				9.8	
15	^{6.0} 5.8				9.9	
16	^{6.5} 6.3	^{6.45°} 6.4			7	
17	^{6.7} 6.5	^{6.70°} 6.7				
18		7.3				
19		7.6				
20		8.3				
23		8.7				
25		9.3				
26		^{9.55°} 9.5 9.6				
27		^{9.90°} 9.9 9.9				
28		M.P.				

See page 2.

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Scale m	mc 9641	(cont.)	diff. images
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	Sc.1	Sc.2	Sc.1	Sc.2
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	3.9	3.9		
5	3.7	3.7		
6	4.6	4.6		
8	6.6	6.6		
9	7.7	7.7		
10	7.9	7.9		
11	8.6	8.6		
12	8.8	8.8		
13	9.3	9.3		
14	9.6	9.6		
15	9.8	9.8		
16	9.9	9.9		

12.15

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Sheet no 310.

9.35

Scale m	mc 9641	Pole			
	Sc.1	Sc.2	9647 P 29	Sc.1	P. C. Sc.2
5				3.9 3.7	3.9 3.90 ⁰⁰ 2.59
6				5.5 5.3	5.3 5.40 ¹¹ 1.71
8				7.0 6.8	7.0 7.00 ⁰⁰ 1.23
9					7.8 7.9 7.85 ⁰¹ 0.95
10	2.8 2.6		2.9 2.85 ⁰¹	6.17	7.9 8.3 8.10 ³² 0.92
11	3.7- 3.5		3.7 3.70 ⁰⁰	5.85	8.6 8.7 8.65 ⁰¹ 0.90
12	3.9 3.7		3.9 3.90 ⁰⁰	5.96	9.3 9.3 9.30 ⁰⁰ 0.56
13	4.7 4.5		4.7 4.70 ⁰⁰	5.60	9.6 9.7 9.65 ⁰¹ 0.65
14	5.5 5.3		5.1 5.30 ²²	5.35	9.8 9.8 9.80 ⁰⁰ 0.85
15	5.8 5.6		5.7 5.75 ⁰¹	5.33	9.9 . 9 1.18
16	6.5 6.3 6.50 ⁰⁰	6.5	6.45 6.48 ⁰²⁰³	4.92	7
17	6.7 6.5 6.75 ¹⁰	6.8	6.70 6.72 ⁰³⁰²	4.91	
18		7.5	7.4 7.45 ¹⁰	4.61	
19		7.7	7.6 7.65 ¹⁰	4.77	
20		8.3	7.8 8.05 ³²	4.68	
23		8.7	8.7 8.70 ⁰⁰	4.64	
25		9.2	9.2 9.20 ⁰⁰	4.67	
26	9.5 9.50 ¹⁰	9.6	9.6 9.58 ⁰³¹²	4.75	
27	9.8 9.80 ⁰⁰	9.8	9.80 9.80 ⁰⁰⁰⁰	4.89	
28		J. P.	9.90 a.	5.21	

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Scale m MC 9641 (cont.) diff. images

Sc1 Sc2 Sc1 Sc2

	g	h			
5	3.9 ⁰⁰ 3.9	3.7 3.90	3.95 3.92 ^{02 03}	2.57	
6	5.1 ¹¹ 5.3	4.9 5.20	4.80 5.00 ^{20 20}	2.11	
8	6.8 ⁰¹ 6.9	6.6 6.85	6.70 6.78 ^{07 08}	1.45	
9	7.5 ¹¹ 7.7	7.5 7.60	7.55 7.58 ^{02 03}	1.25	
10	7.8 ⁰⁰ 7.8	7.8 7.80	7.80 7.80 ^{00 00}	1.22	
11	8.5 ¹⁰ 8.6	8.5 8.55	8.70 8.62 ^{09 09}	0.93	
12	8.7 ¹¹ 8.9	8.8 8.80	8.80 8.80 ^{00 00}	1.06	
13	9.3 ⁰⁰ 9.3	9.3 9.30	9.30 9.30 ^{00 00}	1.00	
14	9.7 ¹⁰ 9.6	9.7 9.65	9.70 9.68 ^{03 02}	0.97	
15	9.8 ⁰⁵ 9.8	9.8 9.80	9.90 9.85 ^{05 05}	1.23	
16	9.9 ⁰⁰ 9.9	9.9 9.90	9.9 9.90	1.50	

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Card.

Scale m	mc 9642	B ₉	22	41	+45.0	Alt. corr. +.23
	Sc.1	Sc.2	Sc.1	P.C.	Sc.2	
1			4.7 4.5		2.15	6.85
2			5.0 4.8		1.99	6.99
3			4.9 4.7		2.05	6.95
4 B			5.7 5.5		1.70	7.40
5			5.8 5.6		1.66	7.46
6			6.3 6.1		1.49	7.79
7			6.6 6.4		1.38	7.98
8			6.8 6.7	6.90 ¹¹	6.8	8.19
9			6.9 6.7	6.85 ¹⁰	6.8	8.15
10 B					7.6	8.65
11	do not measure					
12	2.8 2.6	6.20	9.00		7.8	8.79
13	3.5 3.3	6.02	9.52		8.4	9.20
14	3.5 3.3	6.02	9.52		8.4	9.20
15	4.0 3.8	5.85	9.85		8.8	9.51
16	3.8 3.6	5.92	9.72		8.7	9.43
17	4.1 3.9	5.82	9.92		9.3	9.92
18	4.9 4.7	5.52	10.42		9.3	9.92
19	4.9 4.7	5.52	10.42		J.P.	
20	5.0 4.8	5.48	10.48		9.5	10.13
21	5.9 5.7	5.16	11.06		7	
22	5.8 5.6	5.20	11.00		7	
23	6.6 6.4	4.93	11.53			
24	7.0 6.8	6.95 ⁰¹	4.83			
25	6.9 6.7	6.85 ¹⁰	4.86			
26		7.8	4.68			
27		7.7	4.69			

Tuesday, May 2, 1916

Scale m	mc 9642		(cont.)		alt. corr. +.23
	Sc.1	Sc.2	Cu	magn	
28		7.9	4.67	12.57	
29		8.2	4.64	12.84	
30		8.5	4.64	13.14	
30a		8.5	4.64	13.14	
31		8.7	4.65	13.35	
32		8.7	4.65	13.35	
33		9.2	4.70	13.90	
34		^{9.55} 9.6 ^{0.1} 9.5	4.78	14.33	
35		^{9.75} 9.7 ^{1.0} 9.8	4.88	<u>14.63</u>	

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Scale m	mc 9642	(cont.)	diff. images	alt. corr. +.22
	Sc.1 Sc.2	Sc.1 Sc.2 Cu Magn		
	g h			
1	4.8 4.80° 4.8	2.21 7.01		
2	4.7 4.75° 4.8	2.23 6.98		
3	4.9 4.80° 4.7	2.21 7.01		
4	5.1 5.40° 5.7	1.95 7.35		
5	5.7 5.7	J.P. 1.76 7.66		
6	6.5 6.30° 6.1	1.62 7.92		
7	6.3 6.40° 6.5	1.58 7.98		
8	6.7 6.90° 6.9	1.42 8.32		
9	6.8 6.80° 6.8	1.45 8.25		
10	7.5 7.50° 7.5	1.27 8.77		
12	7.7 7.70° 7.7	1.21 8.91		
13	7.9 7.90° 7.9	1.17 9.07		
14	8.3 8.30° 8.3	1.08 9.38		
15	8.6 8.65° 8.7	1.03 9.68		
16	8.7 8.65° 8.6	1.03 9.65		
17	8.8 8.75° 8.7	1.02 9.77		
18	9.3 9.10° 8.9	1.00 10.00		
19	9.1 9.10° 9.1	1.00 10.10		
20	9.3 9.30° 9.3	1.01 10.31		
21	9.7 9.65° 9.6	1.12 10.77		
22	9.7 9.75° 9.8	1.20 10.95		
23	9.9 9.90° 9.9	1.30 11.10		
24	7 7			

Tuesday, May, 2, 1916

Copied B9a:164

Card

Scale m	MC 9643	RT Pegasi	21 59 50	+ 35.0	alt. corr. +22				
	Sc.1	Sc.2	Re	Magn	Sc.1	P.C	Sc.2	Re	Magn
a	^{2.9} 2.7		6.18	9.08			7.8	0.99	8.79
a'	^{3.8} 3.6		5.92	9.72			8.6	0.95	9.35
b	^{3.9} 3.7		5.85	9.78			9.2	0.63	9.83
c	^{5.1} 4.9		5.45	10.55			9.9	1.00	<u>10.90</u>
d	^{5.5} 5.3		5.31	10.81			7		
e	^{5.4} 5.2		5.34	10.74			9.5	0.63	10.13
f	^{5.0} 4.8		5.48	10.48			9.5	0.63	10.13
g	^{6.5} 6.3		4.97	11.47			7		
g'	^{6.9} 6.7		4.84	11.74					
h	^{6.5} 6.3	6.40 ¹¹	6.3	4.99	11.39				
k		7.4	4.74	12.14					
l	^{7.1} 6.9	7.20 ¹¹	7.3	4.78	11.98				
m		7.6	4.70	12.30					
n	^{7.1} 6.9	7.00 ¹¹	6.9	4.82	11.82				
o		7.3	4.75	12.05					
p		7.7	4.69	12.39					
q		7.7	4.69	12.39					
r		8.5	4.64	13.14					
s		9.1 8.5	4.69	13.79					
T		8.7	4.65	13.35					
u	^{9.40¹¹} 9.5	9.3	4.64	14.14					
w	^{9.70⁰⁰} 9.7	9.7	4.86	<u>14.56</u>					

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21

Scale m	mc 9643			(cont.)	diff. images	alt. corr. +.22
	sc.1	sc.2	sc.1/2	lu magn		
	g h					
a	7.7	7.70"	7.7	1.21	8.91	
a'	8.3	8.40"	8.5	1.07 0.80	9.47	
b	8.8	8.80"	8.8	1.02 0.81	9.82	
c	9.5	J.P.		1.06	10.56	
d	9.5	9.60"	9.7	1.10	10.70	
e	9.3	9.30"	9.3	1.01	10.31	
f	9.3	J.P.		1.01	10.31	
g	9.9	9.75"	9.8	1.23	<u>11.08</u>	
g'	7	7				
h	9.8	9.80"	9.8	1.22	<u>11.02</u>	

Tuesday, May 2, 1916

Copied B 10:157

Card

Scale m	mc 9644	Carte	23 00 - 16.5	alt. corr. - 12.2
	Sc.1	Sc.2	P.C.	
1	B 3.0		6.6 6.4	1.38 7.98
2	2.8 3.8	6.16	9.16	8.3 0.84 9.14
3	3.6 4.0	5.92	9.72	9.3 0.62 9.92
4	3.8 4.5	5.65	9.85	9.5 0.63 10.13
5	4.3 5.5	5.68	10.18	9.5 0.63 10.13
6	5.3 5.6	5.31	10.81	J.P.
7	5.4 5.7	5.27	10.87	7
8	5.5 5.7	5.24	10.94	
9	5.7 6.8	5.16	11.06	
10	6.6 6.9	4.87	11.67	
11	6.7 6.80 ¹¹	6.7	4.87	11.67
12	6.9 7.00 ¹¹	6.9	4.62	11.82
13		7.8	4.68	12.48
14		7.7	4.69	12.39
15		8.1	4.64	12.74
16		7.8	4.68	12.48
17		8.4	4.63	13.03
18		8.6	4.64	13.24
19	9.15 ⁰¹ 9.2	9.1	4.68	13.83
20	9.80 ⁰⁰ 9.8	9.8	4.93	14.73

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23

Scale m	mc 9644			(cont.)	diff. images		alt. corr. - .22
	Sc.1	Sc.2	Sc.1	Sc.2	En	magn	
	^g		^h				
1	6.1	6.20	5.9	6.1	1.65	7.85	
2	8.0	8.2	8.15	8.1	1.11	9.26	
3	8.6	8.7	8.75	8.8	1.02	9.77	
4	9.0	9.3	9.35	9.4	1.02	10.37	
5	9.3	9.40	9.4	9.5	1.03	10.43	
6	9.8	9.85	9.9	9.9	1.23	<u>11.08</u>	
7	9.9	9.98	9.9	9.9	1.30	<u>11.20</u>	
8	7	7	7	7			

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Card

Scale m

mc 9645

D 12

23 00 - 15.0

Alt. corr. - .18

	Sc. 1	Sc. 2	Q	Magn	Sc. 1	P.C	Sc. 2	Q	Magn
1				6.7 6.5 5.9 5.7				1.35	8.05
2								1.28	7.18
3							7.4	1.10	8.50
4				7.1 6.9				1.20	8.20
5				7.1 6.9				1.20	8.30
6	B						7.8	0.99	8.79
7	2.8 2.6		6.20	9.00			8.2	0.86	9.06
8	2.9 2.7		6.18	9.08			8.3	0.84	9.14
9	3.5 3.3		6.02	9.52			8.6	0.75	9.35
10	3.6 3.4		6.06	9.60			8.8	0.71	9.51
11	3.7 3.5		5.95	9.65			8.8	0.71	9.51
12	3.7 3.5		5.95	9.65			8.8	0.71	9.51
13	3.8 3.6		5.92	9.72			9.2	0.63	9.83
14	4.6 4.4		5.64	10.24			9.4	0.62	10.02
15	4.5 4.3		5.68	10.18			9.6	0.67	10.27
16	4.5 4.3		5.68	10.18			9.7	0.76	10.46
16a	5.5		5.31	10.81			7		
17	5.8 5.6		5.20	11.00					
18	5.9 5.7		5.16	11.06					
19	6.3 6.1		5.02	11.32					
20	6.5 6.3		4.97	11.47					
21	6.6 6.4	6.65 ⁰¹	6.7	4.91					
22	6.9 6.7	6.90 ⁰⁰	6.9	4.83					
23			7.5	4.72					
24			7.7	4.69					
25			7.9	4.68					
26			7.7	4.69					

Tuesday, May. 2, 1916

Scale m	*mc 9645 (cont)		alt. corr. - .18
	Sc. 1	Sc. 2 Cu Magn	
27		8.2 4.64	12.84
27a		8.3 4.63	12.93
28		8.4 4.63	13.03
29		8.6 4.64	13.24
30		8.9 4.67	13.57
31		9.4 ⁷ 4.64	14.14
32		9.2 4.70	13.90
33		9.5 4.77	14.27
34		9.7 4.86	14.56
35	^{9.5000} 9.5	9.5 4.77	14.27
36	^{9.9000} 9.9	9.9 5.00	14.90
37	7 9.9	5.00	14.90

Tuesday, May 2, 1916

Scale m	mc 9645		(cont.)		diff. images	alt. corr. -.18
	Sc.1	Sc.2	Sc.1	Sc.2	Cu	magn
	q		h			
1	5.9 ^{6.1}	6.20 ^{6.3}	6.1	6.3	1.04	7.84
2	4.9 ^{4.7}	4.90 ^{4.9}	4.7	4.9	2.17	7.07
3	6.6 ^{6.8}	6.85 ^{6.9}	6.7	6.9	1.43	8.28
4	6.7 ^{6.9}	6.90 ^{6.9}	6.7	6.9	1.42	8.32
5	6.5 ^{6.7}	6.60 ^{6.5}	6.3	6.5	1.52	8.12
6	7.4 ^{7.4}	7.45 ^{7.5}	7.5	7.5	1.28	8.83
7	7.7 ^{7.7}	7.75 ^{7.8}	7.8	7.8	1.20	8.95
8	7.7 ^{7.7}	7.70 ^{7.7}	7.7	7.7	1.21	8.91
9	8.4 ^{8.4}	8.35 ^{8.3}	8.3	8.3	1.08	9.43
10	8.6 ^{8.6}	8.55 ^{8.5}	8.5	8.5	1.03	9.58
11	8.7 ^{8.7}	8.70 ^{8.7}	8.7	8.7	1.02	9.72
12	8.6 ^{8.6}	8.60 ^{8.6}	8.6	8.6	1.03	9.63
13	8.7 ^{8.7}	8.80 ^{8.9}	8.9	8.9	1.02	9.82
14	9.3 ^{9.3}	9.35 ^{9.4}	9.4	9.4	1.02	10.37
15	9.3 ^{9.3}	9.35 ^{9.4}	9.4	9.4	1.02	10.37
16	9.4 ^{9.4}	9.35 ^{9.3}	9.3	9.3	1.02	10.37
17	9.8 ^{9.8}	9.85 ^{9.9}	9.9	9.9	1.23	11.08
18	7	9.9	9.9	9.9	1.30	11.20

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Copied to 9a: 62

Card.

Scale m	MC 9646	NGC 7654	23 19 30	+60.0	Alt. corr. +.20				
	Sc.1	Sc.2	ln	magn	Sc.1	P.C.	Sc.2	ln	magn
1	B				6.7 6.5			1.35	8.05
1a	3.1 ^{3.3}		6.10	9.40	5.9				
2	B				6.7			1.29	8.19
3	2.7 ^{2.9}		6.18	9.08			8.5	0.77	9.27
3a	3.1 5.3 ^{5.5}		5.31	10.81			9.9	1.00	10.90
3b	4.5 ^{4.7}		5.62	10.32			9.5	0.63	10.13
4	3.6 ^{3.8}		5.92	9.72			8.8	0.71	9.51
4a	4.7 ^{4.9}		5.52	10.42			9.6	0.67	10.27
5	3.9 ^{4.1}		5.82	9.92			9.4	0.62	10.02
6	4.8 ^{5.0}		5.48	10.48			9.8	0.85	10.65
7	5.2 ^{5.4}		5.34	10.74			9.9	1.00	10.90
8	5.9 ^{6.1}		5.08	11.18			7		
8a	6.2 ^{6.4}	6.45 ^{0.1}	6.5	4.98	11.43				
9	6.9 ^{7.1}	7.00 ^{1.1}	6.9	4.82	11.82				
10		7.5	4.72	12.22					
11		8.3	4.63	12.93					
12		8.7	4.65	13.35					
13		8.8	4.66	13.46					
14		9.4	4.64	14.14					
15		9.8 ^{9.80 0.0}	4.93	14.73					
16		9.8 ^{9.75 0.1}	4.88	14.63					
17		7							
Var 518		7.7	4.69	12.39					

Tuesday, May 2, 1916

Scale m	MC 9646	(cont.)	diff. images	alt. corr. +.20
	Sc1 Sc2	Sc1 Sc2 Cu Magn		
1	^g 5.9 6.1 ³² 6.3 5.7 6.1	1.69	7.79	
1a	^h 8.3 7 5P.	1.08	9.38	
2	^h 6.9 6.9 ⁰⁰ 6.9 6.7 6.90 6.7	1.42	8.32	
3	8.3 8.40 ¹ 8.5	1.07	9.47	
3a	9.6 9.65 ⁰¹ 9.7	1.12	10.77	
3b	9.2 9.15 ⁰¹ 9.1	1.00	10.15	
4	8.7 8.65 ¹⁰ 8.6	1.03	9.68	
4a	9.4 9.35 ⁰¹ 9.3	1.02	10.37	
5	9.3 9.25 ¹⁰ 9.2	1.01	10.26	
6	9.4 9.45 ⁰¹ 9.5	1.04	10.49	
7	9.7 9.60 ¹¹ 9.5	1.10	10.70	
8	9.8 9.85 ⁰¹ 9.9	1.23	11.08	
9	7 7			

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Scale m	MC 9647	Pole	Sc. 1	P.C.	Sc. 2
5			^{3.9} 3.7		
6			^{5.3} 5.1		
8			^{7.0} 6.8		
9					7.9
10	^{2.9} 2.7				8.3
11	^{3.7} 3.5				8.7
12	^{3.9} 3.7				9.3
13	^{4.7} 4.5				9.7
14	^{5.1} 4.9				9.8
15	^{5.7} 5.5				7
16	^{6.5} 6.3	¹⁰ 6.45			7
17	^{6.7} 6.5	⁰⁰ 6.70			
18		7.4			
19		7.6			
20		7.8			
23		8.7			
25		9.2			
26		9.6			
27		^{9.80} 9.8			
28		^{9.90} 9.9			

See page 15.

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Scale m

mc 9647

(cont.)

diff. images

Sc1 Sc2 Sc1 Sc2

	g	h
5	$3.9 \begin{smallmatrix} 3.7 \\ 3.95 \end{smallmatrix} \begin{smallmatrix} 1.0 \\ 4.0 \end{smallmatrix}$	3.8
6	$4.7 \begin{smallmatrix} 4.5 \\ 4.80 \end{smallmatrix} \begin{smallmatrix} 1.1 \\ 4.9 \end{smallmatrix}$	4.7
8	$6.7 \begin{smallmatrix} 6.5 \\ 6.70 \end{smallmatrix} \begin{smallmatrix} 0.0 \\ 6.7 \end{smallmatrix}$	
9	$7.5 \begin{smallmatrix} 7.55 \\ 7.5 \end{smallmatrix} \begin{smallmatrix} 1.0 \\ 7.6 \end{smallmatrix}$	
10	$7.8 \begin{smallmatrix} 7.80 \\ 7.8 \end{smallmatrix} \begin{smallmatrix} 0.0 \\ 7.8 \end{smallmatrix}$	
17	$8.7 \begin{smallmatrix} 8.70 \\ 8.7 \end{smallmatrix} \begin{smallmatrix} 0.0 \\ 8.7 \end{smallmatrix}$	
12	$8.8 \begin{smallmatrix} 8.80 \\ 8.8 \end{smallmatrix} \begin{smallmatrix} 0.0 \\ 8.8 \end{smallmatrix}$	
13	$9.3 \begin{smallmatrix} 9.30 \\ 9.3 \end{smallmatrix} \begin{smallmatrix} 0.0 \\ 9.3 \end{smallmatrix}$	
14	$9.6 \begin{smallmatrix} 9.70 \\ 9.6 \end{smallmatrix} \begin{smallmatrix} 1.1 \\ 9.8 \end{smallmatrix}$	
15	$9.9 \begin{smallmatrix} 9.90 \\ 9.9 \end{smallmatrix} \begin{smallmatrix} 0.0 \\ 9.9 \end{smallmatrix}$	
16	7	7

12.20

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8.45

Sheet no 311.

Scale m		MC 10619		Pole	Series MC 651	
		Sc.1	Sc.2	10624 P37	Sc.1	P.C. Sc.2
5					4.5	4.5
6					4.3	4.50 ⁰⁰
8					5.7	5.70 ⁰⁰
9					5.5	5.70 ⁰⁰
10	2.8					7.3
11	3.6					8.3
12	3.8					8.3
13	4.5					8.4
14	5.1					8.8
15	5.5					9.3
16	5.8					9.6
17	6.5					J.P.
18	6.9					J
19						
20						
23						
25						
26						
27						
28						

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Copied B 9:126

Cand.

Scale m	MC 10620	SU Drae.	11 39 45 +67.5	alt. corr. +.17
	Sc.1	Sc.2	ln Magn Sc.1	P.C. Sc.2 ln Magn
a	B			8.4 0.67 9.07
a'	3.6 3.4		6.11 9.71	J.P.
b	3.8 3.6		6.05 9.85	9.7 0.61 10.31
c	3.8 3.6		6.05 9.85	9.5 0.60 10.10
d	4.5 4.3		5.88 10.38	5
e	3.8 3.6		6.05 9.85	
f	4.7 4.5		5.83 10.53	
g	5.5 5.3		5.60 11.10	
h	5.9 5.7		5.47 11.37	
k	6.9 6.7	6.70 ²²	6.5 5.19 11.89	
l	6.9 6.7	6.80 ¹¹	6.7 5.15 11.95	
m		7.6	4.98 12.58	
n		8.4	4.86 13.26	
o		8.5	4.86 13.36	
p		8.5	4.86 13.36	
q	9.00 ¹¹ 8.9	9.1	4.87 13.87	
r	9.30 ⁰⁰ 9.3	9.3	4.94 14.24	

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Ser 651

Copied 137:106

Card.

Scale m	MC 10621	103 K	11	49 ± 0.0	act corr +0.3				
	Sc.1	Sc.2	ln	magn	Sc.1	P.C.	Sc.2	ln	magn
1	B						7.6	0.82	8.42
2	B						8.5	0.66	9.16
3	B						9.4	0.40	10.00
4	^{3.8} 3.6		6.05	9.85			9.8	0.61	<u>10.41</u>
5	^{4.9} 4.7		5.76	10.66			7		
6	^{5.9} 5.7	^{2.2} 6.10	6.3	5.40					
7	^{6.9} 6.7	^{1.1} 6.80	6.7	5.15					
8		7.6	4.98	12.58					
9		8.1	4.89	12.99					
10		8.7	4.86	13.56					
11		8.8	4.86	13.66					
12	^{9.35} 9.4	^{0.1} 9.3	4.97	14.32					
13	^{9.85} 9.8	^{1.1} 9.9	5.23	<u>15.08</u>					
14		7							

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Ser 651

Copied 137:131

Cards.

Scale m	mc 10622	12 8 12	12 14 - 15.2	alt. corr - .23
	sc.1	sc.2	P.C.	P.C.
1	B		6.8	7.1
2				7.5
3	B			8.3
4	^{3.5} 3.3	6.13	9.63	9.3
5	^{3.6} 3.4	6.11	9.71	9.4
6	^{4.3} 4.1	5.94	10.24	9.8
7	^{4.5} 4.3	5.88	10.38	9.9
8	^{4.5} 4.6	5.79	10.59	7
9	^{5.5} 5.3	5.60	11.10	
10	^{5.8} 5.6 ¹¹ 5.70	5.6	5.53	11.23
11	^{7.1} 6.9 ¹¹ 7.20	7.3	5.05	12.25
12		7.7	4.96	12.66
13		7.8	4.94	12.74
14	^{8.45} 8.4 ⁰¹ 8.5	4.86	13.31	
15	^{8.40} 8.3 ¹¹ 8.5	4.86	13.26	

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Copied B9a: 165

Card

Scale m	MC 10623	SW Dec.	12	20	+6.7	5	alt. corr. +.17	Var. 2eq.	
	Sc1	Sc2	ln	magn	Sc1	P.C.	Sc2	ln	magn
a	B						8.5	0.66	9.16
b	^{3.8} 3.6		6.05	9.85			8.8	0.62	9.42
c	^{3.8} 3.6		6.05	9.85			9.3	0.62	9.91
d	^{4.7} 4.5		5.83	10.53			9.7	0.61	<u>10.31</u>
e	^{4.8} 4.6		5.79	10.59			9.9	0.61	<u>10.51</u>
f	^{5.8} 5.6	¹² 5.70	5.6	5.53			7		
g	^{6.7} 6.7	¹⁰ 6.85	6.8	5.14					
h		7.7	4.96	12.66					

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begin 38:30

Scale m	MC 10623	S W Drac.	ref. seq.	Alt. cor. +17.					
	Sc.1	Sc.2	Pu	Magn	Sc.1	P.C.	Sc.2	Pu	Magn
1	B				6.3	6.55 ^{±0}	6.6	1.14	7.69
2	B						8.5	0.66	9.16
3	3.6		6.05	9.85			9.4	0.60	10.00
4	4.9		5.76	10.66			9.8	0.61	10.41
5	5.7	5.80 ¹¹	5.7	5.50	11.30		7		
6	6.9	7.20 ¹¹	7.3	5.05	12.25				
7			7.3	5.03	12.33				
8			7.9	4.92	12.52				
9			8.3	4.86	13.16				
10			8.6	4.86	13.46				
11			8.6	4.86	13.46				
12			9.1	4.89	13.99				
13			9.3	4.94	14.24				
14	9.5	9.50 ⁰⁰	9.5	5.04	14.54				
15	9.6	9.60 ⁰⁰	9.6	5.06	14.66				

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Scale m	MC 10624	Pole	Sc.1	P.C.	Sc.2
5			4.5 ^{4.7}	4.70°	4.7
6			5.4 ^{5.6}	5.60°	5.6
8					7.5
9					8.3
10	2.5 ^{2.7}				8.3
11	3.3 ^{3.5}				8.9
12	3.5 ^{3.7}				9.3
13	3.8 ^{4.0}				9.8
14	4.7 ^{4.9}				7
15	5.3 ^{5.5}				
16	5.7 ^{5.9}				
17	6.1 ^{6.3}	6.30°	6.3		
18	6.9 ^{7.1}	7.10°	7.1		
19			7.5		
20			7.9		
23			8.5		
25			9.1		
26			9.5		
27	9.6 ^{9.65}	9.7			
28			9.9		

10.05

See page 31

Saturday, May. 27, 1916

10.30	mc 10624	Pole	Series mc 651
Scale m	Sc.1	Sc.2	Sc.1 P.C. Sc.2
5		10630 P44	4.1 3.9 4.30 ^{3 2} 4.5 4.00 4.15 ^{5 15} 2.34
6			5.1 4.9 5.30 ^{3 2} 5.5 5.15 5.22 ^{05 09} 1.89
8			6.9 6.7 6.90 ^{0 0} 6.9 7.00 6.95 ^{05 05} 1.28
9			7.8 5.1 7.95 ^{3 1} 0.88
10	2.8 2.6	2.8 2.80 ^{0 0} 6.22	8.1 8.4 8.25 ^{1 2} 0.77
11	3.1 2.9	3.0 3.05 ^{1 0} 6.56	8.7 8.9 8.80 ^{1 1} 0.75
12	3.8 3.6	3.5 3.65 ^{2 1} 6.21	9.3 9.3 9.30 ^{0 0} 0.56
13	3.9 3.7	3.9 3.90 ^{0 0} 6.40	9.8 9.7 9.75 ^{0 1} 0.55
14	4.9 4.7	4.7 4.80 ^{1 1} 5.85	J.P.
15	5.5 5.3	5.0 5.25 ^{3 2} 5.83	9.9 . 9.90 1.18
16	5.9 5.7	5.7 5.80 ^{1 1} 5.60	J
17	6.1 5.9 6.10 ^{0 0}	6.1 5.9 6.00 ^{1 1} 5.63	
18	6.9 6.7 6.90 ^{0 0}	6.9 6.70 6.80 ^{1 1} 5.26	
19		7.3 7.05 7.18 ^{12 13} 5.24	
20		7.7 7.6 7.65 ^{1 0} 5.08	
23		8.5 8.4 8.45 ^{1 0} 4.89	
25		9.1 8.9 9.00 ^{1 1} 4.87	
26		9.3 9.5 9.40 ^{1 1} 4.93	
27	9.55 ^{0 1} 9.6	9.5 9.55 9.55 ^{00 00} 5.14	
28		9.9 9.85 9.88 ^{02 22} 5.23	

Saturday, May. 27, 1916

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Copied 137: 108

Cand.

Scale m	mc 106 25	105 R	13 31 35 + 0.1	alt. corr. + .06
	Sc. 1	Sc. 2	Sc. 1	Sc. 2
			P.C.	
1			5.7 5.5	5.60 "1
2	B			5.5 1.78
3	2.6 ^{2.9} 7	6.41		7.8 0.99
4	2.6 ^{2.8}	6.42		8.6 0.72
5	2.6 ^{2.8}	6.42		8.4 0.77
6	3.7 ^{3.9}	6.22		8.7 0.69
7	5.1 ^{5.3}	5.77		9.7 0.58
8	5.6 ^{5.8}	5.61		9.9 0.66
9	6.1 ^{6.3} 6.20 ^{"1}	6.1 5.48		<u>10.28</u>
10	6.4 ^{6.6} 6.45 ^{2.1}	6.3 5.40		<u>10.56</u>
11		7.6 5.07		
12		7.6 5.07		
13		8.3 4.93		
14		9.3 ^{9.20^{"1}} 9.1 4.94		
15		9.7 ^{9.7} 9.7 5.15		

Saturday, May. 27, 1916

Card

Scale m	mc 10626	DM	14	29	45	2.5	Alt. corr. +.08		
	Sc.1	Sc.2	Cu	magn	Sc.1	P.C.	Sc.2	Cu	magn
1	2.8 2.6		6.42	9.22			8.6	0.72	9.32
2	3.3 3.1		6.36	9.66			9.3	0.58	9.88
3	3.8 3.6		6.24	10.04			9.4	0.57	9.97
4	3.9 3.7		6.22	10.12			9.6	0.57	10.17
5	5.0 4.8		5.87	10.87			9.8	0.63	10.43
6	5.4 5.2		5.74	11.14			9.9	0.66	10.56
7	5.9 5.7		5.57	11.47			7		
8	5.9 5.7		5.57	11.47					
9	6.8 6.6	6.75 ^{0.1}	6.7	5.31					
10	7.1 6.9	7.10 ^{0.1}	7.1	5.20					
11			7.7	5.03					
12			7.8	5.01					
13			8.6	4.89					
14			8.9	4.89					
15		9.30 ^{0.1}	9.3	4.96					
16		9.75 ^{0.1}	9.8	5.18					

Saturday, May. 27, 1916

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Card

Scale m	MC 10627	D m	14 29 35 +125	Alt. corr. +.16					
	Sc.1	Sc.2	Re	Magn	Sc.1	P.C	Sc.2	Re	Magn
1	^{2.5} 2.6		6.42	9.22			8.6	0.72	9.32
2	^{3.6} 3.4		6.30	9.90			9.1	0.61	9.71
3	^{3.7} 3.5		6.27	9.97			9.3	0.58	9.88
4	^{3.8} 3.6		6.24	10.04			9.7	0.59	10.29
5	^{4.5} 4.8		5.87	10.87			7		
6	^{5.7} 5.3		5.64	11.34					
7	^{6.3} 6.1		5.44	11.74					
8	^{6.8} 6.6 6.80°	6.8	5.29	12.09					
9	^{7.1} 6.9 7.10°	7.1	5.20	12.30					
10		7.7	5.03	12.73					
11		8.2	4.94	13.14					
12		8.3	4.93	13.23					
13		8.6	4.89	13.49					
14		8.8	4.88	13.68					
15	^{9.55} 9.5	9.6	5.08	14.63					
16	^{9.75} 9.7	9.8	5.18	14.93					

Saturday, May. 27, 1916

Card

Scale m	mc 10628	Dm	14	30	+22.5	alt. corr +.20			
	Sc.1	Sc.2	ln	magn	Sc.1	P.C.	Sc.2	ln	magn
1	B				7.1				
	2.9				6.9	7.20	7.3	1.22	8.42
1a	2.7		6.41	9.31			8.4	0.77	9.17
	3.8								
2	3.6		6.24	10.04			9.3	0.58	9.88
	5.10								
3	4.8		5.87	10.87			9.9	0.66	10.56
	4.4								
4	4.2		6.06	10.46			9.8	0.63	10.43
	3.8								
5	3.6		6.24	10.04			9.5	0.56	10.06
	5.7								
6	5.5		5.64	11.34			7		
	4.8								
7	4.6		4.94	9.74			9.8	0.63	10.43
	5.6								
8	5.4		5.68	11.28					
	5.7								
9	5.7		5.57	11.47					
	5.6								
10	5.4		5.68	11.28					
	5.9								
11	5.7		5.57	11.47					
	6.0								
12	5.8		5.54	11.54					
	6.5								
13	6.3	4.55 ^{1P}	6.6	5.38	9				
	7.1								
14	6.9	7.25 ¹²	7.4	5.17					
15			8.8	4.97					
16			8.3	4.93					
17			9.1	4.91					
18		9.10 ⁰⁰	9.1	4.91					
19		9.70 ⁰⁰	9.7	5.15					

Saturday, May 27, 1916

April 13 9:145

Card.

Scale m	mc 10629	RS Bootis	14	30	+32.5	alt corr. +.22			
	sc1	sc2	cu	magn	sc1	PC	sc2	cu	magn
2					4.0 3.8	4.15 ²¹	4.3	2.34	6.49
3					6.0 5.8	6.05 ⁰¹	6.1	1.62	7.67
4	2.7 2.5		6.42	9.12			8.7	0.69	9.39
5	3.7 3.5		6.27	9.97			9.5	0.56	10.06
6	3.5 3.3		6.32	9.82			8.9	0.64	9.54
6'	3.5 3.3		6.32	9.82			9.3	0.58	9.88
7	6.5 6.3		5.39	11.89			7		
8	4.7 4.5		5.98	10.68					
9	4.9 4.7		5.90	10.80					
9'	5.8 5.6		5.61	11.41					
10	5.1 4.9		5.84	10.94					
11	6.3 6.1	6.40 ¹¹	6.5	5.42					
12	6.9 6.7	6.80 ¹²	6.7	5.29					
13			7.3	5.15					
14			7.8	5.01					
15			8.3	4.93					
16			8.7	4.88					
17		9.15 ⁰¹	9.1	4.92					
18		9.2 9.50 ⁰²	9.5	5.05					
19									

Saturday, May 27, 1916

Scale m	mc 10630		Pole			
	Sc.1	Sc.2		Sc.1	P.C.	Sc.2
5				3.7	4.00 ± 1	4.1
6				5.4	5.15 ± 1	5.3
8				7.1	7.00 ± 1	6.9
9						8.1
10	2.8					8.4
11	2.6					8.9
12	3.0					9.3
13	2.8					9.7
14	3.5					7.0
15	3.3					7
16	3.9					7
17	3.7					
18	4.7					
19	4.5					
20	5.0					
21	5.8					
22	5.7					
23	5.5					
24	5.9					
25	5.7					
26	6.7	6.70 ± 0.1	6.7			
27	6.5	7.05 ± 0.1	7.1			
28	7.0					
29	6.8					
30						
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12.00

See page 38

YELLOW

Wednesday, May. 31, 1916

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Sheet No 313.

2.05

Series mc 557

Scale m mc 9426

Pole

	Sc.1	Sc.2	9431 P 50	Sc.1	P.C.	Sc.2	
1						J. P. 4.15	-1.71
2	off plate						
3	"						
4	B					7.7	8.4 8.05 ³⁴ -2.19
5	2.5 2.3		1.3 2.40 ¹¹	4.03		8.7	8.7 8.70 ⁰⁰ -2.27
6	3.6 3.4		2.9 3.25 ⁴³	3.73		9.6	p 9.6 9.60 ⁰⁰ -2.62
7	3.9 3.7		3.9 3.90 ⁰⁰	3.56		7	
8	5.5 5.3		5.1 5.30 ²²	2.83			
9	6.9 6.7	6.80 ¹¹	6.7 6.75 6.78 ^{02 22}	1.96			
10	6.9 6.7	7.00 ¹¹	7.1 6.85 6.88 ^{02 22}	2.00			
11			7.9 7.7 7.50 ¹¹	1.56			
12			8.3 7.9 8.10 ²²	1.48			
13			8.7 8.7 8.70 ⁰⁰	1.38			
14			9.1 8.9 9.00 ¹¹	1.24			
15			9.6 9.4 9.50 ¹¹	1.14			
16		9.75 ⁰¹	9.8 9.7 9.70 9.72 ^{03 22}	1.22			
17		9.50 ⁰⁰	9.8 9.8 9.75 9.78 ^{02 22}	1.26			

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YELLOW

Wednesday, May, 31, 1916

Copied B 22:15³

Cand.

Scale m	MC 9427	N.G.C. 6709	18 47 +10.2	Alt. corr. -0.3
	Sc.1	Sc.2	Qu	magn
1	^{5.6} 5.4		2.60	8.20
2	^{5.7} 5.5		2.55	8.25
2a	^{6.8} 6.6	^{2.1} 6.65	6.5	2.08
2b	^{6.9} 6.7	^{1.1} 6.80	6.7	2.00
2c		7.5	1.70	9.20
3		7.7	1.62	9.32
4		8.3	1.42	9.72
4a		8.7	1.31	10.01
4b		9.1	1.22	10.32
5		^{9.5} 9.3	1.20	10.50
5a		^{9.5} 9.5	9.6	1.20
5b		^{9.8} 9.8	9.8	1.27
6		J.P.		

Wednesday, May. 31, 1916

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YELLOW

Copied B 23:130

Card.

Scale m	mc 9428	C ₁₀	19 0.1 +15.0	alt. corr 0.00
	Sc. 1	Sc. 2 lu	magn	Sc. 1 P.C. Sc. 2 lu magn
1	^{2.9} 2.7	3.88	6.78	9.4 -2.44 6.96
2	^{3.6} 3.4	3.57	7.17	9.7 . .
3	^{2.9} 2.7	3.88	6.78	9.5 -2.46 7.04
4	^{4.0} 3.8	3.41	7.41	9.9 . .
5	^{5.7} 5.5	2.55	8.25	7 . .
6	J.P.			
7	^{3.9} 3.7	B 3.45	7.35	
8	.	7.6 1.67	9.27	
9	^{6.7} 6.5 6.65 ¹⁰	6.6 2.08	8.73	
10		7.8 1.59	9.39	
11		8.4 1.38	9.78	
12		9.3 1.20	10.50	
13		9.5 1.20	10.70	
14		^{9.60⁰⁰} 9.6 9.6 1.21	10.81	
15		^{9.75¹⁰} 9.7 9.8 1.24	<u>10.99</u>	
16		7		
17				
18				
19				

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Wednesday, May. 31, 1916

YELLOW

Card.

Scale m	MC 9429	DM	20	10	50	+ 2.5	Att. corr -0.1		
	Sc.1	Sc.2	Cu	Magn	Sc.1	P.C.	Sc.2	Cu	Magn
1	^{2.8} 2.6 ^{3.1}		3.92	6.72			9.3	-2.43	6.89
2	^{5.7} 2.9		3.80	6.90			9.5	-2.46	7.04
3	^{5.7} 5.5		2.55	8.25					
3a	^{5.7} 5.5	^{5.70} 5.7	2.55	8.25					
4	^{4.3} 4.1	^{4.40} 4.5	3.23	7.63					
5		7.4	1.74	9.14					
6		7.6	1.67	9.27					
6a		8.3	1.42	9.72					
7		8.4	1.38	9.78					
8		8.7	1.31	10.01					
9		8.8	1.28	10.08					
10		^{9.60} 9.3	1.20	10.50					
11	^{9.6} 9.6	^{9.85} 9.6	1.21	10.81					
12	^{9.8} 9.8	^{9.9} 9.9	1.28	11.18					

Wednesday, May. 31, 1916

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YELLOW

Copied 1323:64

Card.

Scale m	me 9430	B ₈	20 00 50 +45.0	alt. corr. +.10					
	Sc.1	Sc.2	Cu	Magn	Sc.1	P.C.	Sc.2	Cu	Magn
1	^{3.6} 3.4		3.57	7.17			9.6	-2.48	7.12
2	^{4.0} 4.3		3.17	7.67			7		
3	^{3.9} 3.7		3.45	7.35			9.8		
4	^{5.5} 5.3		2.65	8.15			7		
5	^{5.1} 4.9		2.86	7.96					
6	^{4.7} 4.5		3.06	7.76					
7	^{6.5} 6.3		2.15	8.65					
8	^{6.2} 6.7		1.96	8.86					
9	^{6.1} 5.9 ^{6.20} 6.3		2.30	8.50					
10	^{6.7} 6.5 ^{6.60} 6.5		2.10	8.70					
11		7.7	1.62	9.32					
12		7.7	1.62	9.32					
13		8.3	1.42	9.72					
14		8.3	1.42	9.72					
15		8.6	1.33	9.93					
16		8.5	1.36	9.86					
17		9.3	1.20	10.50					
18		9.3	1.20	10.50					
19	8.8	^{9.20} 9.1	1.28	10.08					
20	9.2	9.2	1.21	10.41					
21		7							

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Wednesday, May. 31, 1916

YELLOW

Scale m	MC 9431	Pole	Sc.1	P.C.	Sc.2
1	B		5.8 ^{6.0} p	6.15 ^{2.1}	6.3p
2	off plate				
3	"				
4	D.P.				8.4
5	2.3 2.1				8.7
6	2.9 2.7				9.6
7	3.9 3.7				7
8	5.1 4.9				
9	6.8 6.6	6.75 ^{0.1}	6.7		
10	6.9 6.7	6.85 ^{1.0}	6.8		
11			7.7		
12			7.9		
13			8.7		
14			8.9		
15			9.4		
16	9.7 ^{9.7000}	9.7			
17	9.7 ^{9.7510}	9.8			
18			7		

See page 45.

3.30

YELLOW

Monday, June 4, 1916Tuesday, June 6, 1916Sheet No 313.

1.25

Series MC 557

Scale m MC 9431

Pole

	Sc.1	Sc.2	9436 p56	Sc.1 5.9 5.7p	P.C. 6.20 ³³	Sc.2		
1	B					6.5p	a	-1.76
4	J.P.					8.5p	8.6 8.50 ¹⁰	-2.69
5	2.1 1.9		a	4.33		8.6	8.7 8.65 ⁰¹	-2.22
6	3.1 2.9		3.0 3.05 ¹⁰	3.93		9.5	9.4 9.45 ¹⁰	-2.47
7	3.9 3.7		3.8 3.85 ¹⁰	3.61		9.9	9.7 9.70 ¹¹	-2.34
8	4.9 4.7		4.7 4.80 ¹¹	3.23				
9	6.7 6.5	6.60 ¹¹	6.5 5.95 6.28 ^{32 33}	2.46				
10	6.9 6.7	6.80 ¹¹	6.7 4.60 6.70 ^{10 10}	2.18				
11			7.7 7.6 7.65 ¹⁰	1.71				
12			7.8 7.9 7.85 ⁰¹	1.73				
13			8.6 8.5 8.55 ⁰¹	1.53				
14			8.7 8.7 8.70 ⁰⁰	1.54				
15			9.3 9.3 9.30 ⁰⁰	1.34				
16		9.60 ⁰⁰	9.6 9.4 9.50 ^{10 10}	1.44				
17		9.75 ¹⁰	9.7 9.8 9.70 9.72 ^{01 02}	1.22				
18			9.85 a	1.71				

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Tuesday, June 6, 1916

YELLOW

Copied B21:104

Card.

Scale m	mc9432	3 Aquarii	22 50 -20.0	Alt corr. - .19
	Sc.1	Sc.2	Cu	magn
a	2.5 2.6		4.07	6.87
b	3.3 3.1		3.84	7.14
c	3.8 3.6		3.63	7.43
d	3.9 3.7		3.60	7.50
e	4.9 4.7		3.14	8.04
f	4.9 4.7		3.14	8.04
g	5.9 5.7		2.62	8.52
h	5.9 5.7	5.85 ¹⁰	5.8	2.63
k	6.4 6.2	6.45 ⁰¹	6.5	2.36
l		7.3	1.91	9.21
m		7.7	1.76	9.46
n		8.3	1.59	9.89
o		9.3	1.46	10.76
p		8.7	1.52	10.22
q	9.3 ⁰⁰ 9.4	9.3	1.46	10.81
r	9.50 ⁰⁰ 9.8	9.8	1.50	11.30
s		7		

YELLOW

Tuesday, June 6, 1916

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Series 557

Copied B23:214

Cand.

Scale m	MC9433	superposed on MC9431 D12			Red. corr. -10				
	Sc.1	Sc.2	Ar	magn	Sc.1	P.C.	Sc.2	Ar	magn
1	^{4.2} 4.1		3.42	7.72			7		
2	^{2.4} 2.2		4.23	6.63			8.6	-2.44	6.16
3	^{3.6} 3.4		3.71	7.31			9.8	-2.37	<u>7.43</u>
4	^{5.5} 5.3		2.85	8.35			7		
5	^{3.7} 3.5		3.66	7.36			9.5	-2.42	7.08
6	^{4.7} 4.5		3.24	7.94			7		
7	^{5.0} 4.8		3.09	8.09					
8	^{6.4} 6.2		2.38	8.78					
9	^{6.8} 6.6	^{6.75} 6.7	2.13	8.88					
10	^{6.7} 6.5	^{6.6} 6.5	^{2.26} 1.91	8.86					
11		7.3	1.91	9.21					
12	^{6.0}	7.5	1.82	9.02					
13	^{6.05} 5.8	6.1	2.52	8.57					
14		8.7	1.53	10.32					
15		8.3	1.59	9.89					
16		7.7	1.76	9.46					
16a		9.3	1.46	10.76					
17		9.4	1.46	10.86					
18		9.1	1.48	10.58					
19		9.6	1.48	11.08					
20	^{9.45} 9.4	9.5	1.46	10.96					
21	^{9.50} 9.5	9.5	1.45	10.95					
22		7							

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Tuesday, June 6, 1916

YELLOW

Copied B 22: 136

Cand.

Scale m	MC 9434 R Pegasi 23 00 50 +10.0				alt. corr. +.08				
	sc.1	sc.2	Cu	Magn	sc.1	P.C.	sc.2	Cu	Magn
a							7.9	-2.33	5.57
b							8.7	-2.46	6.24
c	B						8.8	-2.47	6.33
d	off plate								
e	^{2.9} 2.7		4.03	6.93			9.8	-2.37	<u>7.43</u>
f	^{2.9} 2.7		4.03	6.93			9.9	-2.34	<u>7.56</u>
g	^{3.8} 3.6		3.63	7.43			7		
h	^{4.8} 4.6		3.18	7.98					
k	^{5.0} 4.8		3.09	8.09					
l	^{6.7} 6.5	^{6.60''} 6.5	2.26	8.86					
m	^{6.9} 6.7	^{6.80''} 6.7	2.12	8.92					
n		7.6	1.79	9.39					
o		8.3	1.59	9.89					
p		8.7	1.52	10.22					
q		9.2	1.46	10.66					
r	^{9.50''} 9.5	9.5	1.45	10.95					
s	^{9.70''} 9.7	9.7	1.48	11.18					

Tuesday, June 6, 1916

YELLOW

Copied B 23:140

Card.

Scale m	MC 9435	C ₁₂	22 48 50 +150	alt corr +.09					
	Sc 1	Sc 2	Cu	Magn	Sc 1	P.C.	Sc 2	Cu	Magn
1	B						8.7	-2.46	6.24
2	^{2.6} 2.4		4.16	6.76			8.6	-2.44	6.16
3	^{3.0} 2.8		4.00	7.00			9.4	-2.43	6.97
4	B						8.7	-2.46	6.24
5	^{3.8} 3.6		2.63	7.43			9.4	-2.43	6.97
6	^{4.9} 4.7		3.14	8.04			7		
7	^{5.0} 4.8		3.09	8.09			7		
8	^{5.8} 5.6p		2.68	8.48					
9	^{5.9} 5.7		2.62	8.52					
10	^{6.0} 3.8		3.54	7.54					
11	^{6.7} 6.5		2.18	8.88					
12	^{5.5} 5.3 550°	5.5	2.85	8.35					
13		7.7	1.76	9.46					
14	^{4.6} 6.4 6.55°	6.5	2.28	8.83					
15	^{6.7} 6.5 6.60°	6.5	2.26	8.86					
16	^{6.8} 6.6 6.75°	6.7	2.13	8.88					
17		7.5	1.82	9.32					
17a		7.8	1.72	9.52					
18		9.1	1.48	10.58					
19		9.9	1.54	11.44					
19a	9.8 9.8	1.50	11.30						
20	^{9.85} 9.8 9.9	1.52	11.37						
21		7							
21a									

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Tuesday, June 6, 1916

YELLOW

Scale m	mc 9436	Pole	Sc.1	P.C	Sc.2
1	off plate				
4					8.6p
5	B				8.7
6	^{3.0} 2.8				9.4
7	^{3.8} 3.6				9.7
8	^{4.7} 4.5				7
9	^{6.0} 5.8 ^{0.1} 5.95	5.9			
10	^{6.5} 6.3 ^{0.1} 6.60	6.7			
11		7.6			
12		7.9			
13		8.5			
14		8.7			
15		9.3			
16		9.4			
17	^{9.70} 9.7	9.7			
18	^{9.85} 9.8	9.9			

See page 51

YELLOW

Tuesday, June 6, 1916

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Copied 1322:136

Card.

Scale m	mc9437	R Pegasi	$2\frac{3}{4}$	00	+10.0	Alt. corr. +.08			
	Sc.1	Sc.2	Ru	Magn	Sc.1	P.C.	Sc.2	Ru	Magn
a							7.8	-2.28	5.52
b							8.7	-2.46	6.24
c	B						8.8	-2.47	6.33
d	off plate								
e	$2\frac{2}{8}$ 2.6		4.07	6.87			9.8	-2.37	<u>7.43</u>
f	$2\frac{2}{8}$ 2.6		4.07	6.87			9.9	-2.34	<u>7.56</u>
g	$3\frac{7}{8}$ 3.5		3.66	7.36			7		
h	$4\frac{7}{8}$ 4.5		3.24	7.94					
k	$5\frac{1}{8}$ 4.9		3.04	8.14					
l	$6\frac{7}{8}$ 6.5	$6\frac{60}{100}$	6.5	2.26					
m	$6\frac{7}{8}$ 6.5	$6\frac{80}{100}$	6.7	2.18					
n		7.4	1.87	9.27					
o		8.3	1.59	9.89					
p		8.7	1.52	10.22					
q		9.3	1.46	10.76					
r	$9\frac{45}{100}$ 9.4	9.5	1.46	10.91					
s	$9\frac{96}{100}$ 9.9	9.9	1.55	<u>11.45</u>					

2.40

Wednesday, June 7, 1916Sheet no 31⁴

1.35

Series mc 563

Scale m

mc 9497

Pole

	Sc.1	Sc.2	q502 P65	Sc.1 5.8	P.C. 0.1	Sc.2	
5				5.6	5.75	5.7	5.25 5.50 ^{25 25} 0.99
6				6.3 6.1	6.35 ^{1.0}	6.4	6.45 6.40 ^{65 05} 0.91
8						7.8	7.8 7.80 ⁰⁰ 0.43
9						8.7	8.7 8.70 ⁰⁰ 0.13
10	3.5 3.3		3.6 3.55 ^{1.0}	6.47		8.7	8.9 8.80 ^{1.1} 0.22
11	4.1 3.9		3.9 4.00 ^{1.2}	5.55		9.3	9.5 9.40 ^{1.1} 0.15
12	4.5 4.3		4.5 4.50 ⁰⁰	5.36		9.6	9.7 9.65 ⁰¹ 0.21
13	5.5 5.3		5.5 5.50 ⁰⁰	4.80		9.9	9.9 9.90 ⁰⁰ 0.40
14	5.8 5.6		5.8 5.80 ⁰⁰	4.85		7	
15	6.5 6.3		6.5 6.50 ⁰⁰	4.58			
16	6.9 6.7	6.80 ^{1.1}	6.7 6.85 6.82 ^{2.03}	4.62			
17	7.0 6.8	7.05 ^{0.1}	7.1 7.20 7.12 ^{0.708}	4.51			
18			7.6 7.7 7.65 ^{0.1}	4.41			
19			7.9 8.1 8.00 ^{1.1}	4.42			
20			8.5 8.5 8.50 ⁰⁰	4.23			
23			8.7 8.7 8.70 ⁰⁰	4.64			
25			9.3 9.4 9.35 ^{1.0}	4.52			
26		9.50 ^{0.0}	9.3 9.4 9.35 ^{0.8 0.7}	4.75			
27		9.5 9.5	9.65 9.58 ^{0.00}	4.79			
28		9.8 9.8	9.80 9.80				
		7	9.90 <u>a</u>	5.21			

Wednesday, June 7, 1916

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Copied B9a: 166 *Cand.*

Scalem	mc 9498	S Aquarii	22 50 - 20.0	Alt. corr - .33
	sc.1	sc.2	Qu	Magn
a				
b				
c	B			
d				
e	B			
f	3.6 3.4		4.14 <i>reject</i>	9.74
g	3.7 3.8		5.72	9.62
h	3.6 p		5.85 <i>see</i>	9.65
k	B			
l	3.7 3.5		6.00 <i>curve</i>	9.70
m	4.9 4.7		5.11	10.01
n	4.8 4.6 p		5.16	9.96
n	4.9 4.7		5.11	10.01
o	6.8 6.6		4.52	11.32
p	5.6		4.779	11.59
q	6.8 6.6		4.52	11.32
r	6.6 6.4		4.57	11.17
s	7.0 6.8	7.10 ¹¹	7.2	4.49
t	7.0 6.8	7.15 ³¹	7.3	4.48
u		8.1	4.41	12.51
w		7.9	4.43	12.33
x		9.1	4.53	13.63
y		9.3	4.60	13.90
z	9.4 9.70 ⁰⁰	9.3	4.62	13.97
2	9.7	9.7	4.88	14.58

Wednesday, June 7, 1916

Card.

Copied B 37: 96

Alt Camp 47

Scale m	MC 9499	C ₁₂	23 00 +15.0	Alt. corr +.17					
	Sc.1	Sc.2	Cu	magn	Sc.1	P.C.	Sc.2	Cu	magn
1				5.7 5.5				0.96	6.66
2	B			6.1 5.9				0.83	6.93
3				6.6 6.4	6.56 ^{0L}		6.5	0.70	7.25
4	B			7.1 6.9	7.10 ⁰⁰		7.1	0.56	7.66
5							7.6	0.44	8.04
6	B						8.1	0.32	8.42
7	B						8.3	0.28	8.58
8	B						8.3	0.28	8.58
9	3.6 3.4		6.14 <i>Reject.</i>	9.74			9.1	0.18	9.28
10	3.7 3.5		6.00 <i>acc</i>	9.70			8.9	0.18	9.08
11	3.8 3.6		5.85 <i>curve</i>	9.65			9.3	0.19	9.49
12	4.1 3.9		5.50	9.60			9.5	0.22	9.72
13	4.5 4.3		5.30	9.80			9.6	0.24	9.84
14	4.7 4.7		5.11	10.01			9.7	0.27	9.97
15	4.7 4.5		5.20	9.90			9.8	0.32	10.12
16	5.5 5.3		4.88	10.38			7		
17	5.9 5.7		4.76	10.66			7		
17a	6.5 6.3		4.60	11.10					
18	6.8 6.6	6.75 ⁰¹	6.7	4.54	11.29				
19	7.1 6.9p	7.30 ³²	7.5p	4.47	11.47				
19a			7.5	4.44	11.94				
20			7.4	4.45	11.85				
21			7.7	4.43	12.13				
21a			7.9	4.43	12.33				
22			8.4	4.42	12.82				
23			8.5	4.43	12.93				

Wednesday, June 7, 1916

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Scale m	MC 9499	(cont.)	alt. corr. + .17
	Sc 1	Sc 2	Alt
24		8.7	4.44 13.14
25		8.5	4.43 12.93
26		8.8	4.46 13.26
27		9.3	4.60 13.90
28		8.9	4.48 13.38
	9.55 ± .01		
29	9.59	6	4.75 14.30
	9.85 ± .01		
30	9.8	9.9	5.00 14.85
31		7	

Wednesday, June 7, 1916

Copied B37:144

Card.

Alt. Cor. - 18

Scale m	mc 9500	D 12	23	00	-15.0	alt. cor. -18			
	Sc.1	Sc.2	Cur	Magn	Sc.1	P.C	Sc.2	Cur	Magn
1							7.6	0.44	8.04
2	B			6.8 6.6	4.75 ^{0.1}		6.7	0.67	7.37
3							8.3	0.25	8.58
4	B						8.6	0.22	8.82
5							7.9	0.37	8.27
6	B						8.8	0.20	9.00
7							9.3	0.19	9.49
8	B						9.3	0.19	9.49
9	B						9.4	0.21	9.61
10	3.3 3.1p 3.8			6.70 reject 10.00			9.7	0.27	9.97
11	3.6p 3.6			5.85 see	9.65		9.6	0.24	9.84
12	3.4 3.7			6.14 Curve	9.74		9.6	0.24	9.84
13	3.5 5.0			6.00	9.70		9.7	0.27	9.97
14	4.8p 4.6			5.07	10.07		9.9	0.37	10.27
15	4.4 6.1			5.26	9.86		7		
16a	5.9 5.0			4.70	10.80				
16x	4.8 6.6			5.07	10.07				
17	6.4p 6.7			4.57	11.17				
18	6.5 6.8			4.56	11.26				
19	6.6 6.9			4.54	11.34				
20	6.7 6.85 ¹⁰ 6.9	6.8		4.53	11.38				
21	6.7 6.90 ⁰⁰ 6.9	6.9		4.52	11.42				
22		7.7	4.43		12.13				
23		7.9	4.43		12.33				
24		8.4	4.42		12.82				
25		8.3	4.42		12.72				

Wednesday, June 7, 1916

63

Scale m MC 9500 (cont.) alt. corr. - 18.537

	Sc.1	Sc.2	Lu	magn
26		8.3	4.42	12.72
27		8.7	4.44	13.14
27a		8.7	4.44	13.14
28		8.7	4.44	13.14
29		9.3	4.60	13.90
30		9.5	4.70	14.20
31		9.6	4.78	14.38
32		9.6	4.78	14.38
33	9.7	9.7	4.88	14.58
34	9.9	9.9	5.08	14.98

Wednesday, June 7, 1916

Copied B 9 a: 66

Ref. Sequence

Scale m	MC9501	N.G.C. 7789	0	0.0	20 + 55.0	alt. corr +.21			
	Sc.1	Sc.2	En	Magn	Sc.1	P.C.	Sc.2	En	Magn
1	B						7.7	0.42	8.12
1a	B				^{6.7} 6.5	¹¹ 6.60	6.5	0.68	7.28
1b							7.7	0.42	8.12
1c	B						8.1	0.32	8.42
2	B						8.5	0.24	8.74
3	^{3.9} 3.7		5.72	^{Reject} 9.62			9.3	0.19	9.49
4	^{4.8} 4.6		5.16	9.96			9.4p	0.21	9.61
4a	^{4.9} 4.7		5.11	10.01			9.7	0.27	9.97
4b	^{6.8} 6.6		4.54	11.34			7		
5	^{6.4} 5.4		4.85	10.45					
6	^{6.3} 6.1	⁰⁰ 6.30	6.3	4.66					
7	^{6.9} 6.7	¹¹ 7.00	7.1	4.51					
8			7.5	4.44					
9			7.7	4.43					
10			7.8	4.43					
10a	^{6.8} 6.6	⁰¹ 6.85	6.9	4.53					
11			8.3	4.42					
12			8.7	4.44					
13			8.8	4.46					
14			9.3	4.60					
15		^{9.50} 9.4	9.6	4.70					
16		^{9.80} 9.8	9.8	4.96					

Sequence for N.G.C. 7789 not measured.

Wednesday, June 7, 1916

Scale mi	MC 9502	Pole	Sc.1	P.C.	Sc.2
5			5.1 4.9	5.25 ¹²	5.4
6			6.5 6.3	4.45 ¹⁰	6.4
8					7.8
9					8.7
10	3.6 3.4				8.9
11	3.7				9.5
12	4.5 4.3				9.7
13	5.5 5.3				9.9
14	5.8 5.6				7
15	6.5 6.3				
16	6.9 6.7	6.85 ¹⁰			6.8
17	7.1 6.9	7.20 ¹¹			7.3
18		7.7			
19		8.1			
20		8.5			
23		8.7			
25		9.4			
26	9.65 ⁰¹ 9.6	9.7			
27	9.80 ¹¹ 9.7	9.9			
28	9.9 ⁹⁰ 9.9	9.9			

2.45

See page 58

Wednesday, June 14, 1916

Shut no 313⁴

1.40

Series mc 563

Scale m

mc 9502

Pole

	Sc.1	Sc.2	9505 P 72	Sc	P.C	Sc.2	
5				^{5.3} 5.1	5.40 ¹¹	5.5	5.50 5.45 ^{05.5} 1.04
6				^{6.0} 5.8	6.15 ²¹	6.3	6.50 6.32 ^{17.6} 0.79
7							
8						7.6	7.8 7.90 ¹¹ 0.53
9						8.6	8.7 8.65 ¹¹ 0.18
10	^{3.5} 3.3		¹¹ 3.7 3.60	5.42		9.2	9.1 9.15 ⁰¹ -0.13
11	^{3.9} 3.7		¹¹ 4.1 4.00	5.55		9.5	9.5 9.50 ⁰⁰ 0.05
12	^{4.7} 4.5		¹¹ 4.9 4.80	5.06		9.7	9.7 9.70 ⁰⁰ 0.16
13	^{5.5} 5.3		⁰⁰ 5.5 5.50	4.80		9.9	9.9 0.40
14	^{5.8} 5.6		⁰⁰ 5.8 5.80	4.85		7	
15	^{5.9} 5.7		³³ 6.5 6.20	4.88			
16	^{6.9} 6.7	6.80 ¹¹	6.7	6.80 6.80 ⁰⁰⁰⁰	4.60		
17	^{7.0} 6.8	7.05 ⁰¹	7.1	7.20 7.12 ^{07.08}	4.51		
18			7.7	7.6 7.65 ¹⁰	4.41		
19			7.9	7.8 7.85 ¹⁰	4.57		
20			8.4	8.4 8.40 ⁰⁰	4.33		
23			8.7	8.7 8.70 ⁰⁰	4.64		
25			9.3	9.3 9.30 ⁰⁰	4.57		
26			9.5	9.5 9.50 ⁰⁰	4.83		
27	9.8 ^{980.00}		9.8	9.8 9.72 ^{00.07}	4.97		
28	9.9 ^{985.10}		9.8	9.90 9.88 ^{02.02}	5.23		

Wednesday, June 14, 1916

Copied 139a:158

Cand.

Scale m	mc 9503	S y Andr.	0	12	+ 42.50	Alt. corr +.22			
	Sc.1	Sc.2	ln	Magn	Sc.1	P.C.	Sc.2	ln	Magn
L					7.1 6.9	7.20 ⁺¹	7.3	0.60	7.80
B	B						7.7	0.45	8.15
x	B						7.8	0.42	8.22
p	3.4 3.2	5.55		8.95			8.9	0.07	8.97
a	3.9 3.7	5.44		9.34		9.7	9.3	0.15	9.85
a'	5.7 5.5	4.89		10.59					
b	3.8 3.6	5.47		9.27			9.3	0.02	9.32
c	5.6 5.4	4.92		10.52					
c'	5.5 5.3	4.95		10.45			9.9	0.30	10.20
c2	5.9 5.7	4.84		10.74					
d	6.7 6.5	6.65 ¹⁰	6.6	4.64					
e	6.9 6.7	7.00 ⁺¹	7.1	4.56					
f		7.7	4.47	12.17					
g		7.6	4.47	12.07					
h		8.3	4.48	12.78					
k		8.5	4.50	13.00					
l		8.7	4.52	13.22					
m		8.7	4.52	13.22					
n		8.9	4.58	13.48					
o		9.2	4.68	13.88					
p	9.3 ^{9.30}	9.3	reject, wrong star						
q	9.7 ^{9.70}	9.7	4.95	14.65					

Wednesday, June 14, 1916

Card.

Scale m	MC 9504	^{D m} Sand.	0	36	+42.5	Alt. corr. +.22
	Sc.1	Sc.2	Cu	Magn	Sc.1	P.C.
1	B					8.1
2	B					8.4
3	^{3.6} 3.4		5.51	9.11		8.7
4	^{3.6} 3.4		5.51	9.11		9.3
5	^{4.7} 4.5		5.20	9.90		9.6
6	^{4.6} 4.4		5.23	9.83		9.5
7	^{4.9} 4.7		5.14	10.04		J.P.
8	^{5.8} 5.6		4.85	10.65		
9	^{6.5} 6.3		4.67	11.17		
10	^{6.8} 6.6	^{1.1x} 6.70	6.6	4.63		11.33
11	^{7.1} 6.9	^{1.0} 7.15	7.2	4.51		11.66
12			7.5	4.48		11.98
13			7.7	4.47		12.17
14			8.3	4.48		12.78
15			8.4	4.49		12.89
16			8.5	4.50		13.00
17			8.9	4.58		13.48
18			9.2	4.69		13.89
19	^{9.35} 9.3	^{1.0} 9.4	9.4	4.76		14.11
20	^{9.60} 9.6	^{1.0} 9.6	9.6	4.88		14.48
21			7			

Wednesday, June 14, 1916

Series 563

Copied 1310:158

Cand.

Scale m	mc 9505	Carte	0 00 -23.5	Alt. cor - 114
	Sc.1	Sc.2	ln	Magn
1				
2	B			
3	B			
4	B			
5	^{4.7} 4.5			
6	^{5.1} 3.7			
7	^{5.0} 4.8			
8	^{5.7} 5.5			
9	^{6.9} 6.7			
10	^{6.8} 6.6			
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				

Wednesday. June 14, 1916

Scale m	mc9506	N.G.C. 225	0	40	+600	Alt. corr +.20
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Couldnt find 9569 which is the
reference plate for this region.

Wednesday, June 14, 1916

Ser. 563

Copied 13 10:26

Card.

Scale m	mc 9507	Carte	1	00	+55.0	alt. cor. +.21			
	Sc.1	Sc.2	ln	Magn	Sc.1	P.C	Sc.2	ln	Magn
1					4.1 3.9				
2	B				6.7	4.3 ^{0.32} 7.10 ^{0.32}	4.5		
3	3.8 3.6		5.46	9.26			7.3	0.63	7.73
4	3.7 3.5		5.49	9.19			9.3	0.02	9.32
5	5.5 5.3		4.95	10.45			8.8	0.10	8.90
6	6.6 5.4	6.55 ^{0.1}	6.5	4.67	11.22		9.9	0.30	10.20
7	6.9 6.7	7.10 ^{0.32}	7.3	4.53	11.63		7		
8		7.7	4.47	12.17					
9		7.7	4.47	12.17					
10		8.6	4.51	13.11					
11		8.8	4.55	13.35					
12		8.6	4.51	13.11					
13		9.1	4.64	13.74					
14		9.1	4.64	13.74					
15		9.3	4.72	14.02					
16		9.3	4.72	14.02					
17		9.7	4.96	14.66					
18	9.60 9.7	9.5	4.88	14.48					
19	9.9 ^{9.90}	9.9	5.19	15.09					
20	7								

Wednesday, June 14, 1916

Scale m	MC 9508		Pole	
	Sc.1	Sc.2	Sc.1 P.C.	Sc.2
5			^{5.5} 5.3	5.5
6			^{6.5} 6.3	6.5
8				7.8
9				8.7
10	^{3.7} 3.5			9.1
11	^{4.1} 3.9			9.5
12	^{4.9} 4.7			9.7
13	^{5.5} 5.3			7
14	^{5.8} 5.6			7
15	^{6.5} 6.3			
16	^{6.9} 6.7	¹¹ 6.80		6.7
17	^{7.1} 6.9	¹¹ 7.20		7.3
18		7.6		
19		7.8		
20		8.4		
23		8.7		9.5
25		9.3		
26		9.5		
27	^{9.65} 9.6	¹¹ 9.7		
28	^{9.90} 9.9	¹¹ 9.9		

See page 66.

2.50

Friday, July 7, 1916

YELLOW

2.20

Series MC 497

Scale m

MC 8619

Pole

Sc.1

Sc.2

8624

Sc.1

P.C.

Sc.2

1 off plate

P 25

5.75

-1.91

4

7.6 7.7 7.65⁰¹ -1.79

5 B

8.1 8.3 8.20³¹ -1.77

6 B

8.9 8.8 8.85¹⁰ -1.877 3.7
3.53.5 3.6¹¹ 3.868 3.9
3.74.4 4.15²¹ 3.889 5.5
5.35.70 5.60¹⁰¹⁰ 3.1410 5.9
5.75.80¹¹ 5.7 5.80 5.86⁰⁰⁰⁰ 3.0811 6.8
6.66.75⁰¹ 6.7 6.90 6.82⁰⁷⁰⁸ 2.5412 6.9
6.76.85¹⁰² 6.8 7.3 7.08²³²² 2.56

13

7.9 7.8 7.85¹⁰ 2.23

14

8.3 8.3 8.20¹⁰ 1.94

15

8.7 8.9 8.80¹¹ 1.84

16

9.3 9.3 9.20¹⁰ 1.64

17

9.4 9.35 9.38¹²⁰³ 1.66

18

9.75¹⁰ 9.7 9.8 9.78⁰³⁰⁰ 1.78

19

9.85⁰¹ 9.8 9.90 9.88²³⁰⁰ 2.06

YELLOW

Friday, July 7, 1916

Copied B 23:112

Scale m	mc 8622	C 7	13	00	15	+15.0	Alt. corr +.09		
	sc.1	sc.2	Cur	Magn	sc.1	P.C.	sc.2	Cur	Magn
1	B						7.4p	-1.71	5.69
2	B _R						9.3	-1.80	7.50
3	^{3.8} 3.6		3.87	7.67			9.6	-1.76	7.84
4	^{3.8} 3.6		3.87	7.67			9.7	-1.73	<u>7.97</u>
5	^{3.5} 3.3		.				9.7	-1.73	<u>7.97</u>
6	^{4.9} 4.7		3.50	8.40					
7	^{5.5} 5.3		3.20	8.70					
8	^{6.8} 6.6	6.70 ¹¹	6.6	2.54					
9			7.4	2.34					
10	^{6.9} 6.7	6.90 ⁰⁰	6.9	2.55					
11	^{5.6} 5.4	^{5.65} 5.65 ⁰¹	5	3.14					
12	^{7.0} 6.8	7.10 ¹¹	7.2	2.46					
13			8.3	1.94					
14			8.3	1.94					
15			8.6	1.82					
16			8.7	1.78					
17			9.4	1.66					
18			8.9	1.72					
19			9.7	1.75					
20		^{9.90} 9.9	2.00						
21		^{9.90} 9.9	2.00						
22		7							

Superposed on MC 5436

YELLOW

Friday, July 7, 1916

W^h/h

Scale m	mc 8624	Pole				
	sc.1	sc.2	ln magn	sc.1	P.C.	sc.2 ln magn
1	B			5.6 ^{5.8}	5.75 ⁰¹	5.7
4	B					7.7
5	B					8.3
6	B					8.8
7	3.5 3.3p					9.4
8	4.4 4.2					9.6
9	5.6 ^{5.8}	5.70 ¹¹	5.6			-1.76 7.84
10	5.7 ^{5.9}	5.80 ¹¹	5.7			
11	6.7 ^{6.9}	6.90 ⁰⁰	6.9	2.55	9.45	
12		7.3				
13		7.8				
14		8.3	1.94	10.24		
15		8.9				
16		9.3				
17		9.35 ⁰¹ 9.4	9.3			
18		9.8 ^{9.8}	9.8			
19		9.9 ^{9.9}	9.9	2.00	11.90	

ln page 73

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Friday, July 7, 1916

Card

YELLOW

Ser 497

Copied B23:52

Scale m	mc 8625	B 6	14	39	30	+45.0	Alt. was +13		
	Sc.1	Sc.2	Pr	Magn	Sc.1	P.C.	Sc.2	Pr	Magn
1							8.5	-1.83	6.67
2 B							8.4	-1.82	6.58
3 B							8.5	-1.83	6.67
4 B							7.5	-1.73	5.77
5 B							9.1	-1.80	7.30
6 ^{3.6} 3.4							9.4	-1.78	7.62
7 d.							d.		
8 ^{3.9} 3.7			3.85	7.75			9.9	-1.70	<u>7.20</u>
9 ^{5.5} 5.3			3.20	8.70			7		
10 ^{5.6} 5.4	5.65 ⁰¹	5.7	3.14	8.79					
11 ^{5.9} 5.7	6.00 ¹¹	6.1	2.97	8.97					
12 ^{6.6} 6.4	6.60 ⁰⁰	6.6	2.67	9.27					
13		7.4	2.34	9.74					
14		7.8	2.15	9.95					
15		8.2	1.98	10.18					
16		7.7	2.20	9.90					
17		7.5	2.28	9.78					
18		8.3	1.94	10.24					
19		8.7	1.78	10.48					
20		9.3	1.65	10.95					
21		9.8	1.84	<u>11.64</u>					
22		9.8	1.84	<u>11.64</u>					
23		7			Superposed on mc		5477		
24	^{9.35⁰¹} 9.4	9.3	1.66	11.06					
25	^{9.90⁰⁰} 9.9	9.9	2.00	<u>11.90</u>					
26	^{9.55⁰¹} 9.6	9.5	1.68	11.23					

Friday, July 7, 1916

Card

77

YELLOW

Copied B23:118

Scale m	mc 8626	C 8	15 00 30	+ 15.0	alt. corr. + .09
sc.1	sc.2	ln	magn.	sc.1 P.C.	sc.2 ln magn.
*1 B					8.4 -1.82 6.58
2 B					8.7 -1.82 6.88
3 ^{4.1} 3.9		3.80	7.90		9.7 -1.74 <u>7.96</u>
4 B					8.5 -1.83 6.67
5 B					8.3 -1.81 6.49
6 B					8.7 -1.82 6.88
6a J.P.					9.7 -1.74 <u>7.96</u>
7 ^{4.7} 4.5		3.60	8.30		9.8p -1.72 <u>8.08</u>
8 ^{3.9} 3.7		3.85	7.75		9.5 -1.77 7.73
9 ^{4.7} 4.5		3.60	8.30		9.7 -1.74 <u>7.96</u>
10 ^{6.7} 6.5		2.54	9.24		
11 ^{6.3} 6.1p.		2.81	9.11		
12 ^{5.4} 5.2		3.27	8.67		
13 ^{5.7} 5.5 ^{5.70}	5.7	3.11	8.81		
14 ^{6.9} 6.7 ^{7.00}	7.1	2.50	9.50		
15	7.5	2.28	9.78		
16	7.9	2.12	10.02		
17 ^{6.4} 6.4 ^{6.65}	6.7	2.66	9.31		
18	8.2	1.98	10.18		
19	7.6	2.24	9.84		
20	7.5	2.28	9.78		
20a	8.4	1.90	10.30		
20b	8.7	1.78	10.48	25a	9.7 ^{9.70} 9.7 1.75 <u>11.45</u> 3.30
21	9.1	1.67	10.77	26	9.9 ^{9.90} 9.9 2.00 <u>11.90</u>
22	9.5	1.66	11.16		
23	9.5	1.66	11.16	superposed on	mc 3094
24	9.5	1.66	11.16		
25	9.5	1.68	11.28		

78

YELLOW

Wednesday, November 15, 1916

2.10

Series 514

Sheet no 332

Scale m

MC 8878

Pole

Sc.1

Sc.2

8883
P888

Sc.1

P.C.

Sc.2

5 B

3.7

6 3.5

4.0

7 3.8

5.4

6.8

9 6.6

10

11

12

13

14

15

16

17

18

5.55

5.5

5.1

5.32

2.71

6.75

6.7

6.75

6.75

1.99

7.3

6.90

7.10

1.78

7.8

7.8

7.80

1.56

8.3

8.4

8.35

1.23

8.6

8.9

8.75

1.33

8.9

8.9

8.90

1.34

9.3

9.4

9.35

1.29

9.7

9.7

9.70

1.24

9.7

9.75

9.72

1.32

9.90

9.90

1.66

Superposed

8.5 8.5 ^{0.2} -2.079.4 9.3 ^{0.1} -2.377 9.7 ^{0.2} -2.24

YELLOW

Wednesday, November 15, 1916

Scale m	MC 8878		(cont.)	diffraction images	
	λ_1 Sc 1 Sc 2	λ_2 Sc 1 Sc 2			
5	8.6	8.65 ⁰¹	8.7	8.60	8.62 ^{03 02} - 2.19
6	9.5	9.50 ⁰⁰	9.5	9.50	9.50 ^{00 00} - 2.52
7	9			9.65	9.65 ¹² - 2.19
				9.85	9.86 ¹² - 1.92

YELLOW

Wednesday, November 15, 1916

21:58

Copied 13 21:58

Scale m	mc 8879	R + S	Scorpii	16 12 - 22.7	Alt. corr. -29				
	Sc.1	Sc.2	Cu	Magn	Sc.1	P.C.	Sc.2	Cu	Magn
a	3.P.						8.6	-2.13	6.47
b	3.P.						9.1	-2.23	6.87
c	4.4 4.4 p.		3.06	7.66			9.3	-2.26	7.04
d	4.7 4.5 p.		3.00	7.70			9.6	-2.30	7.20
e	5.7 5.5 p.		2.50	8.20			9.5	-2.28	7.22
f	5.9 5.7		2.38	8.28			9.9	-2.32	7.58
g	6.6 6.4	6.60 ⁰⁰	6.6	2.05	9.65		7		
h	6.7 6.7	6.80 ¹¹	6.7	1.94	8.74				
k			7.4	1.67	9.07				
l			7.7	1.56	9.26				
m			7.8	1.54	9.34				
n			8.2	1.43	9.63				
o			8.6	1.34	9.94				
p			8.8	1.30	10.10				
q			9.5	1.34	10.84				
r			9.2	1.32	10.52				
s			9.3	1.32	10.62				
t			9.3 9.4	1.32	10.62				
u			9.6	1.37	10.97				
w		9.75 ¹⁰	9.7	1.40	11.15				
x		9.90 ¹⁰	9.9	1.48	11.38				
y			n.s.						
z			7						

YELLOW

Wednesday, Nov. 15, 1916

Scale m	mc 8879 (cont.)				diffraction images
	Sc1Sc2	Sc1Sc2			
	g	h	Cu	magn	
a	8.6	8.65 ⁰¹	8.7	-2.23	6,42
b	9.1	9.10 ⁰⁰	9.1	-2.24	6,86
c	9.3	9.35 ¹⁰	9.4	-2.23	7,12
d	9.5	9.55 ¹⁰	9.6	-2.22	7,33
e	9.6	9.65 ⁰¹	9.7	-2.21	7,44
f	9.9	9.85 ¹⁰	9.8	-2.19	<u>7,66</u>
g	7	7			
h	9.9	9.90 ⁰⁰	9.9	-2.18	<u>7,72</u>

YELLOW

Wednesday, November 15, 1916

21.55

Cupid 132138

Scale m	MC 8880	S Hercules	16 47 +15.1	red. corr +0.9					
	Sc.1	Sc.2	Cu	magn	Sc.1	P.C.	Sc.2	Cu	magn
a B							7.8	.	
b B							8.5	-2.10	6.40
c B							8.7	-2.15	6.55
d B							8.9	-2.20	6.70
e B							9.3	-2.26	7.04
f ^{3.9} 3.7			3.36	7.26			9.6	-2.30	7.30
g ^{4.8} 4.6			2.97	7.77			9.9	-2.32	7.58
h ^{5.8} 5.6			2.42	8.22			7		
k ^{6.6} 6.4	6.65 ^{0.1}	6.7	2.02	8.67					
l ^{7.1} 6.9	7.20 ^{0.1}	7.3	1.76	8.96					
m		7.7	1.56	9.26					
n		8.3	1.40	9.70					
o		8.7	1.32	10.02					
p		8.8	1.31	10.11					
q		9.5	1.34	10.84					
r ^{9.70^{0.01}} 9.7		9.7	1.40	11.10					
s ^{9.75^{0.01}} 9.8		9.7	1.41	11.16					

Wednesday, November 15, 1916

YELLOW

Scale m	mc 8880		(cont.)	diffraction images	
	Sc. 1 Sec 2	Sc. 1 Sec 2	Cu	magn	
	g	h			
a	7.7	7.75 ⁰⁰	7.7	.	
b	8.5	8.50 ⁰⁰	8.5	.	
c	8.5	8.50 ⁰⁰	8.5	.	
d	8.9	9.00 ¹¹	9.1	-2.23	6.77
e	9.3	9.30 ⁰⁰	9.3	-2.23	7.07
f	9.6	9.65 ⁰¹	9.7	-2.21	7.44
g	9.9	9.85 ¹⁰	9.8	-2.19	<u>7.66</u>
h	7		9.9		

YELLOW

Wednesday, November 15, 1916

Card.

Cupid B 23:124

Scale m	mc 8881	Cg	16	59 + 15.0	Red. corr +09				
	Sc.1	Sc.2	Cu	Magn	Sc.1	P.C.	Sc.2	Cu	Magn
1	^{3.7} 3.5		3.44	7.14			9.4	-2.28	7.12
2	B						8.8	-2.18	6.62
3	^{3.6} B						8.9	-2.20	6.70
3a	3.4		3.47	7.07			9.3	-2.27	7.02
4	^{4.5} B						9.2	-2.25	6.95
5	4.3		3.10	7.60			9.7	-2.30	<u>7.40</u>
6	^{4.9} 4.7		2.92	7.82			9.9	-2.31	<u>7.59</u>
6a	^{4.7} 4.5		3.01	7.71			9.8	-2.30	<u>7.50</u>
7	^{4.1} 3.9		3.28	7.38			9.7	-2.30	<u>7.40</u>
8	^{6.0} 5.8	^{5.95} ⁰¹ 5.9	2.35	8.30			7		
8a	^{7.1} 6.9	^{7.25} ¹² 7.4	1.78	9.00					
9		8.2	1.43	9.63					
10		8.6	1.34	9.94					
11	^{6.7} 6.7	^{6.85} ¹⁰ 6.8	1.92	8.77					
12		7.9	1.50	9.40					
13		8.2	1.44	9.64					
14		8.8	1.30	10.10					
15		^{9.70} ⁰⁰ 8.7	1.32	10.02					
16	9.7	9.7	1.40	<u>11.10</u>					
17	^{9.90} ⁰⁰ 9.9	9.9	1.48	<u>11.38</u>					
18		n.s.							
19		7							

YELLOW

Wednesday, November 15, 1916

Scale m	MC 8881		(cont.)		diffraction images
	Sc1	Sc2	Sc1Sc2	Q _u Magn	
	g		h		
1	9.4	9.50 ^{1'}	9.6	-2.22	7.28
2	8.9	8.90 ⁰⁰	8.9	-2.23	6.67
3	8.6	8.65 ⁰¹	8.7	-2.22	6.43
3a	9.6	9.53 ⁰¹	9.5	-2.21	7.34
4	9.4	9.35 ⁰²	9.3	-2.23	7.12
5	9.8	9.80 ⁰⁰	9.8	-2.19	7.61
6	9.9	9.90 ⁰⁰	9.9	-2.17	7.73
6a	9.7	9.70 ⁰⁰	9.7	-2.20	7.50
7	9.7	9.70 ⁰⁰	9.7	-2.20	7.50
8	7		7		

Wednesday, November 15, 1916

Cand.

YELLOW

Copied 1323:58

Scale m	MC 8882	B ₇	17	19	+ 45.0	Act. corr. +.12
	Sc. 1	Sc. 2	Sc. 1	P.C.	Sc. 2	Sc. 1
1	B _{3.8}				8.8	-2.18
2	3.6	3.40	7.20		9.7	-2.30
3	B				7.7	.
4	Y.P.				9.5	-2.24
5	Y.P.				9.4	-2.27
6	Y.P.				7	
7	4.9 _{5.1}	2.82	7.92		7	
8	B _{3.9}				9.2	-2.26
9	3.7 _{5.8}	3.36	7.26		9.8	-2.30
10	5.6	2.42	8.22		7	
11	5.7 _{6.9}	2.38	8.28			
12	4.5 _{6.4}	3.02	7.72			
13	5.2	2.67	8.07			
14	6.7 _{6.9} 7.10 ²²	7.3	1.80	8.90		
15	6.7 _{6.9} 7.00 ¹¹	7.1	1.85	8.85		
16		8.2	1.43	9.63		
17		8.9	1.30	10.20		
18		8.6	1.33	9.93		
19		7.8	1.33	9.33		
20		8.4	1.38	9.78		
21		9.2	1.32	10.52		
22		9.1	1.30	10.40		
23		9.5	1.34	10.84		
24	9.9 ^{9.85} 10	9.8	1.44	11.29		
25	9.7 ^{9.65} 10	9.6	1.37	11.02		
26		n.s.				

Wednesday, November 15, 1916

YELLOW

YELLOW

Scale m mc 8882 (cont.) diffraction images

	Sc.1	Sc.2	Sc.1	Sc.2		
	g		h		pc	magn
1	8.6	8.70 ¹¹	8.8		-2.13 1.53	6.47
2	9.7	9.70 ⁰⁰	9.7		-2.20 1.40	<u>7.56</u>
3	^{7.0} 6.8	^{0.1} 6.95	6.7		"	
4	5.0		5.0			
5	9.7	9.75 ⁰⁰	9.8		-2.20	<u>7.55</u>
6	7		7			
7	7		9.9			
8	9.1	9.10 ⁰⁰	9.1		-2.24	6.86
9	9.8	9.75 ⁰⁰	9.7		-2.20	<u>7.55</u>
10	7		7			

YELLOW

Wednesday, November 15, 1916

Scale m	mc 8883		Pole	sc 1	P.C.	Sc.2
	Sc.1	Sc.2		Sc.1	P.C.	Sc.2
5 B						8.5
6 B						9.3
7 ^{3.9} 3.7 p						9.7
8 ^{5.1} 4.9						7
9 ^{6.8} 6.6 ^{0.1} 6.75 6.7						
10 ^{6.9} 6.7 6.90 6.9						
11		7.8				
12		8.4				
13		8.9				
14		8.9				
15		9.4				
16		9.7				
17 ^{9.75} 9.7 9.8						
18 ^{9.90} 9.9 9.9						

See page 78

Wednesday, November 15, 1916

YELLOW

Scale m MC 8883 (cont.) diffraction images

Sc1 Sc2 Sc1 Sc2

	θ	h
5	8.6	8.60" 8.6
6	9.5	9.50" 9.5
7	9.6	9.65" 9.7
8	9.9	9.85" 9.8

3.35

90

YELLOW

1

2.40

Friday, November 17, 1916Shut-in 332

Series mc 516

Scale m

mc 8883

Pole

Sc.1

Sc.2

8888
P 95

Sc.1 P.C.

Sc.2

5 B

8.5 9.5 8.50⁵⁰ - 2.07

6 B

9.2 9.9 9.05²¹ - 2.07

7 3.6

3.8 3.80⁰⁰ 5.669.5 9.5 9.50⁰⁰ - 2.04

8 4.9

4.9 5.00¹¹ 3.039.9 9.9 9.90⁰⁰ - 1.87

9 6.4

6.55⁰¹6.5 6.35 6.45^{10 12} 2.29

4

10 6.9

7.20¹¹7.3 6.80 7.00^{20 22} 1.88

11

7.7 7.6 7.65¹⁰ 1.71

12

7.8 7.7 7.75⁰¹ 1.83

13

8.5 8.5 8.50⁰⁰ 1.58

14

8.9 8.8 8.85¹⁰ 1.39

15

9.2 9.2 9.20⁰⁰ 1.44

16

9.8 9.5 9.65²¹ 1.29

17

9.8 9.8 9.65 9.72^{05 07} 1.32

18

7 7 9.90 9.90⁰⁰ 1.66

YELLOW

Friday, November 17, 1916

Scale in MC 8883 (cont.) diff. images

Sc1 Sc2 Sc1 Sc2

g h

5	8.4	8.55 ^{2'}	8.7	8.40	8.48 ^{0.075}	-2.05
6	9.3	9.35 ^{1°}	9.4	9.10	9.22 ^{1.315}	-2.34
7	9.6	9.65 ^{0.1}	9.7	9.65	9.65 ^{0.000}	-2.19
8	9.9	9.85 ^{1.0}	9.8	9.95	9.85 ^{0.000}	-1.82
9	7		7			

92

YELLOW

Friday, November 17, 1916

21:21 Copied B 21:91

Scale m	mc8884	η Serpentis	18	20	30	-29	alt. corr. +.02
	Sc 1	Sc 2	Cu	magn			
1	^{6.7} 6.5	^{6.70⁰⁰} 6.8	2.15	8.85			
2	^{6.8} 6.6	^{6.80⁰⁰} 6.8	2.10	8.90			
a = 3		7.6	1.78	9.38			
4		8.5	1.56	10.06			
5		8.6	1.54	10.14			
6		9.1	1.47	10.57			
7		9.2	1.46	10.66			
8		9.5	1.46	10.96			
9		9.6	1.47	11.07			
10		9.7	1.47	11.17			
b = 11	^{9.75⁰¹} 9.8	9.7	1.48	<u>11.23</u>			
c = 12	^{9.90⁰⁰} 9.9	9.9	1.49	<u>11.39</u>			

YELLOW

Friday, November 17, 1916

Scale m	mc 8885	M 25	18	26	- 19.10	alt. corr. - .17
	sc.1	sc.2	cu	magn		
1	^{5.6} 5.4p 5.60 ^{oo}	5.6p	2.72	8.32		
2		7.4	1.85	9.25		
3	^{6.9} 6.7 1.10 ^{3.2}	7.3	1.95	9.05		
4		7.6	1.78	9.38		
5		8.6	1.54	10.14		
6		7.6	1.78	9.38		
6a		8.7	1.52	10.22		
7		9.3	1.45	10.75		
8		9.1	1.46	10.56		
9		9.7	1.47	11.17		
10		9.9	1.49	11.39		
11	^{9.90^{oo}} 7	7				
12	9.9	9.9	1.49	11.39		

94

YELLOW

Friday, November 17, 1916

Cupid B 23:130

Cand.

Scale m	mc 8886	C ₁₀	19 ^h 01 ^m 10 ^s + 15.0	alt. corr + 1.0						
	sc.1	sc.2	Cu	magn	sc.1	P.C.	sc.2	Cu	magn	
1	B 3.6							9.1	-2.05	7.02
2	3.4		3.74	7.34				9.4	-2.04	7.36
3	B							8.9	-2.10	6.80
4	3.7 3.9		3.60	7.50				9.8	-1.96	<u>7.84</u>
5	4.9 5.1		3.00	8.10				7		
6	H.P.									
7	B	B						9.6	-2.00	7.60
8		7.4	1.86	9.26						
9	6.2 6.4 6.25 ²¹	6.1	2.37	8.62						
10		7.9	1.70	8.60						
11		8.2	1.62	9.82						
12		9.1	1.46	10.56						
13		9.3	1.45	10.75						
14		9.4	1.46	10.86						
15		9.3	1.45	10.75						
16		9.5	1.46	10.96						
17	9.9 9.85 ¹⁰	9.8	1.48	<u>11.33</u>						
18	9.8 9.85 ⁰¹	9.9	1.48	<u>11.33</u>						

YELLOW

Friday, November 17, 1916

Scale m	mc 8886 (cont.)		diff. images	
	Sc.1	Sc.2	Cu	magn
	g	h		
1	9.1	9.10 ⁰⁰	9.1	-2.13 6.97
2	9.6	9.65 ⁰⁰	9.7	-2.06 7.59
3	8.9	8.90 ⁰⁰	8.9	-2.14 6.76
4	9.7	9.75 ⁰⁰	9.8	-2.03 <u>7.72</u>
5	9.9	9.9	9.9	-2.00 <u>7.90</u>
6	9.9	9.9	9.9	
7	9.5	9.45 ⁰⁰	9.4	-2.10 7.35
8	9.9	9.9	9.9	

96

YELLOW

Friday, November 17, 1916

Copied B22:76

Scale m	MC 8887	R Cygni	19. 30 + 50.0	alt. corr +.12	
	Sc.1	Sc.2	Alt. Magn	Sc.1	P.C.
	Sc.2	Alt. Magn	Sc.2	Alt. Magn	
a	off plate				
b	B			7.4	
c	B			7.7	
d	B			8.5	-2.10 6.40
e	B			8.7	-2.10 6.60
f	B			8.9	-2.10 6.80
g	B			9.3	-2.06 7.24
h	B			9.4	-2.04 7.36
i	^{4.4} 4.2	3.38	7.78	9.8	-1.96 <u>7.84</u>
j	^{4.9} 4.7	3.10	8.00	7	
k	^{6.0} 5.8	^{0.1} 5.9	2.52	8.47	
l	^{6.5} 6.3	^{0.0} 6.5	2.25	8.75	
m		7.5	1.82	9.32	
n		8.1	1.64	9.74	
o		8.7	1.52	10.22	
p		8.7	1.52	10.22	
q		9.2	1.46	10.66	
r	9.9	^{0.0} 9.9	1.49	<u>11.39</u>	
s	7	7			

Friday, November 17, 1916

YELLOW

Scale m MC 888.7 (cont.) diff. images

Sc1/Sc2 Sc1/Sc2 Cu Magn

	⁹ 6.8	^{91.69} 6.7		
b	^{7.0} 6.8	^{69.5} 6.7	*	
c	^{220.11} 7.3	^{7.1} 6.9		
d	²¹ 8.2	^{80.5} 7.9		
e	8.8	^{8.75} 8.7	-2.16	6.59
f	9.1	^{8.95} 8.8	-2.14	6.81
g	9.1	^{9.10} 9.1	-2.13	6.97
h	9.6	^{9.60} 9.6	-2.07	7.53
k	9.9	^{9.90} 9.9	-2.00	<u>7.90</u>
l	y.p.	7		
m	7	7		

* Mistake in unit. Remasured Nov 18, 1916 by H.S. Lo.

98

YELLOW

Friday, November 17, 1916

Scale m	MC 8888	Pole		
	Sc.1	Sc.2	Sc.1 P.C.	Sc.2
5	B			8.5
6	D			8.9
7	^{3.8} 3.6p			9.5
8	^{4.9} 4.7p			9.9
9	^{6.3} 6.1	^{6.35} 6.4		
10	^{6.9} 6.7	^{6.80} 6.7		
11		7.6		
12		7.7		
13		8.5		
14		8.8		
15		9.2		
16		9.5		
17		^{9.65} 9.7		
18		^{9.90} 9.9		

See page 90

Friday, November 17, 1916

99

YELLOW

Scale m MC 8888 (cont.) diff. images

	Sc1 Sc2	Sc1 Sc2
	q	h
5	8.4 8.40	8.4
6	9.1 9.10	9.1
7	9.6 9.65	9.7
8	9.9 9.85	9.8

2.50

100

YELLOW

Monday, November 20, 1916

2.30

Series mc 339

Scale m

mc 6483

Pole

	sc.1	sc.2	6488 p 106	sc.1	P.C.	sc.2
4						7.4 -1.54
5 B						7.8 -1.39
6 B						8.5 -1.50
7 B						8.7 -1.24
8 ^{3.6} 3.4			3.5 3.55 ⁰¹ 4.48 3.55			9.4 -1.37
9 ^{4.7} 4.5			4.7 4.70 ⁰⁰ 4.04			9.8 -1.06
10 ^{5.1} 4.9			5.3 5.20 ¹¹ 3.68			7
11 ^{6.3} 6.1 6.35 ¹⁰		6.4	6.45 6.40 ⁰⁵ 2.96			
12 ^{6.7} 6.5 6.65 ¹⁰		6.6	6.65 6.75 ¹⁰ 2.83			
13		7.4	7.7 7.55 ²¹ 2.53			
14		7.7	7.8 7.75 ¹⁰ 2.49			
15		8.1	8.4 8.25 ¹² 2.39			
16		8.5	8.7 8.60 ¹¹ 2.34			
17		8.7	8.8 8.75 ¹⁰ 2.29			
18		9.2	9.3 9.25 ⁰¹ 2.31			
19		9.5	9.6 9.55 ¹⁰ 2.39			
20	9.8 ^{9.80}	9.8	9.8 9.80 ⁰⁰ 2.39			
21		9.9	9.90 9.90 ⁰⁹ 2.37			
22	9.8 ^{9.85}	9.9	9.85 ²¹ 2.64			
23	9.8 ^{9.85}	9.9	9.85 ⁰¹ 2.91			

Repeat P.C.
Dev on Prism.

Monday, November 20, 1916

YELLOW

Copied 1321:62

Scale m	mc. 6484	R Lacertae	22 ^h 39 ^m + 41.8	alt. Cu + 1.2	Repet			
	Sc. 1	Sc. 2	Cu	Magn	Sc. 1 P.C.	Sc. 2	Cu	Magn
a	B					9.3	-1.28	8.02
b	3.7 3.5		4.49	8.19		9.7	-1.20	8.50
c	4.0 3.8		4.40	8.40		9.9	-1.15	8.75
d	5.3 5.1		3.62	8.92				
e	6.0 5.8		3.20	9.20				
f	6.6 6.4		2.92	9.52				
f'	7.1 6.9	7.10 ⁰⁰	7.1	2.73	9.83			
g	7.0 6.8	7.15 ²¹	7.3	2.72	9.87			
h		7.7	2.53	10.23				
k		8.4	2.37	10.77				
k'		8.7	2.32	11.02				
l		8.4	2.37	10.77				
m		8.7	2.32	11.02				
n		9.1	2.33	11.43				
o		9.6	2.40	12.00				
p		9.7	2.45	12.15				
q		9.6	2.40	12.00				
r		9.9	2.52	12.42				
s	9.80 ⁰⁰ 9.8	9.8	2.48	12.28				
t	9.90 ⁰⁰ 9.9	9.9	2.52	12.42				

See Remarks p. 100

See Remarks p. 100

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YELLOW

Monday, November 20, 1916

Copied 1323:70

Scale m	mc 6485	B _q	22	40	+45.0	act	corr	+1.2	Revised
	sc.1	sc.2	Cu	Magn	sc.1	P.C.	sc.2	Cu	Magn
1	B						9.6	-1.23	8.37
2	B						9.6	-1.23	8.37
3	B						9.1	-1.31	7.79
4	B						9.5	-1.26	8.24
5	B						9.7	-1.20	8.50
6	B						9.9	-1.15	8.75
7	B						9.2	-1.30	7.90
8	^{3.9} 3.7		4.44		8.34		7		
9	^{3.0} B						9.7	-1.20	8.50
10	4.8		3.80		8.80		7		
11	do not measure								du Runk page 100
12	^{4.9} 4.7		3.86		8.76		7		
13	6.2		3.00		9.40				
14	B		2						
15	^{6.8} 6.6		2.84		9.64				
16	^{6.9} 6.7	^{6.80} ¹¹	6.7	2.84	9.64				
17	^{6.8} 6.6	^{6.80} ⁰⁰	6.8	2.84	9.64				
18			7.4	2.63	10.03				
19	^{6.4} 6.2	^{6.25} ²¹	6.1	3.08	9.338				
20			7.4	2.63	10.03				
21			8.4	2.36	10.76				
22			7.3	2.67	9.97				
23			9.1	2.33	11.42				
24			8.9	2.31	11.21				
25			9.3	2.34	11.64				
26			8.8	2.31	11.11				
27			9.2	2.23	11.53				

Monday, November 20, 1916

YELLOW

Scale m	mc 6485	(cont.)		
	sc.1	sc.2	Cu	Magn
28	9.6 ^{9.6000}	9.6	2.42	12.03
29	9.8 ^{9.8000}	9.8	2.48	<u>12.28</u>
30		7		

104

YELLOW

Monday, November 20, 1916

Copied B 21.20

Scale m	MC 6486	S Ceti	α^h	20^m	- 10.0	alt. corr - .04	Revised	
	Sc.1	Sc.2	Br	Magn	Sc.1	P.C.	Sc.2	Br Magn
a	B						9.7	-1.20 8.50
b	B						9.8	-1.18 8.62
c	B						7	
d	B							
e	^{3.7} 3.5		4.49	8.19				See Remark p 100
f	^{4.3} 4.1		4.28	8.58				
g	^{5.7} 3.9		4.36	8.46				
h	^{5.7} 5.5	^{5.70} 5.7	3.37	9.07				
k	^{5.9} 5.7	^{5.85} 5.8	3.30	9.15				
l		7.3	2.66	9.96				
m		7.7	2.53	10.23				
n		7.8	2.50	10.30				
n'		8.3	2.37	10.67				
o		8.9	2.31	11.21				
p		8.9	2.31	11.21				
q		9.2	2.33	11.53				
r	^{9.55} 9.6	^{9.5} 9.5	2.40	11.95				
s	^{9.55} 9.9	^{9.8} 9.8	2.50	12.35				

YELLOW

Monday, November 20, 1916

105

Copied B 21:64

Scale m	mc 6487	γ Pegasi	oh 12 ^m	+14.6	red. corr +.09
	Sc.1	Sc.2	Ar	Magn	
1	^{5.7} 5.5	5.70 ⁰⁰	5.7	3.38	9.08
2	^{7.1} 6.9	7.15 ¹⁰	7.2	2.68	9.83
3		7.4	2.63		10.03
4		7.9	2.47		10.37
5		8.1	2.41		10.51
6		8.6	2.33		10.98
a = 7		8.4	2.35		10.75
8		8.7	2.32		11.02
b = 9		9.1	2.32		11.42
10		9.2	2.33		11.53
11		9.7	2.45		12.15
12	^{9.8000} 9.8	9.8	2.48		12.28
c = 13	7	7			

106

YELLOW

Monday, November 20, 1916

Scale m

mc6488

Pole

Sc.1

Sc.2

4		
5	B	
6	B	
7	B	
8	^{3.5} 3.3	
9	^{4.7} 4.5	
10	^{5.3} 5.1	
11	^{6.5} 6.3	¹⁰ 6.45 6.4
12	^{7.0} 6.8	²¹ 6.85 6.7
13		7.7
14		7.8
15		8.4
16		8.7
17		8.8
18		9.3
19		9.6
20		^{9.90} 9.8
21	9.9	9.9
22	7	7

No P.C. seen

Dew on Prism

See page 100

3.35

YELLOW

Monday, November 27, 1916

11.15

Series mc 339

Scale m

mc 6488

Pole

Sc 1

Sc 2

6494
P116

5 B

No PC seen.

6 B

7 B

8 ^{3.6}
3.4^{3.1}
3.60

4.49

9 ^{4.7}
4.5^{3.2}
4.1 4.40

4.34

10 ^{5.3}
5.1^{3.4}
4.6 4.95

3.93

11 ^{6.5}
6.3^{1.0}
6.55

6.6

^{4.3 4.2}
5.70 6.2

3.24

12 ^{6.7}
6.5⁰⁰
6.70

6.7

^{20 20}
6.30 6.50

3.08

13

7.5

¹⁰
7.4 7.45

2.63

14

7.7

¹⁰
7.6 7.65

2.59

15

8.3

¹¹
8.5 8.40

2.24

16

8.7

¹¹
8.5 8.60

2.34

17

8.7

⁰⁰
8.7 8.70

2.34

18

9.3

¹⁰
9.2 9.25

2.31

19

9.5

⁰⁰
9.5 9.50

2.44

20

9.8

⁰⁰
9.8 9.80

2.39

21

⁰⁰
9.8

9.8

^{05 05}
9.90 9.85

2.42

22

5

9.9

^{00 00}
9.90 9.90

2.59

108

YELLOW

Monday, November 27, 1916

Copied B 20:38 20:35

Scale m	MC 6489	o Ceti	2 ^h 10 ^m -2.5	Act. corr. +.02 Var. seq.
	Sc.1	Sc.2	Sc.1 P.C.	Sc.2
T B			6.4	
T' B			6.2	-0.93 5.49
			6.9	-1.02 5.88
u B			6.7	
			6.5	6.55 ^{1.2} 6.4 -0.96 5.59
y B				7.6 -1.23 6.37
y' B			7.0	
			6.8	7.15 ^{3.1} 7.3 -1.13 6.02
y B				7.9 -1.19 ² 6.61
z B				8.5 -1.37 7.13
z' B				8.4 -1.36 7.04
z B				8.5 -1.37 7.13
β B				9.2 -1.26 7.94
β' B				9.1 -1.30 7.80
δ 4.7				
δ' 4.5		4.08	8.78	9.9 -1.03 8.87
δ' 5.7		3.47	9.17	7 -
δ' 5.5				
γ 3.9				
γ 3.7		B 4.45	8.35	9.7 -1.10 8.60
ε 5.5				
ε 5.3	5.50 [∞]	5.5 3.60	9.10	7
ζ		8.2 2.42	10.62	
η		7.5 2.65	10.15	
θ		8.8 2.30	11.10	

YELLOW

Monday, November 27, 1916

Scale m	mc 6489	o Ceti $2^h 10^m - 2.5$		Ref. Seq.	
	sc.1	sc.2	cu magn	sc.1 P.C.	sc.2 cu magn
1	same as β^1				
2	^{3.9} 3.7		4.45	8.35	9.9 -1.03 <u>8.87</u>
3	^{5.0} 4.8		3.90	8.90	
4	^{5.1} 4.9		3.85	8.95	
5	^{5.9} 5.7	^{6.0} 6.1	3.30	9.30	
6	^{7.1} 6.9	^{7.15} 7.2	2.57	9.72	
6a		8.3	2.39	10.69	
7		8.7	2.30	11.00	
8		9.2	2.33	11.53	
9		8.9	2.30	11.20	
10		9.1	2.31	11.41	
11		9.6	2.40	12.00	
12	^{9.80} 9.8	^{9.8} 9.8	2.45	<u>12.25</u>	
13	^{9.90} 9.9	^{9.9} 9.9	2.50	<u>12.40</u>	

YELLOW

Monday, November 27, 1916

Copied 1323:82

Scale m	mc 6490	C2	3 rd 0 ^m + 15.0	alt. corr +.09
	Sc.1	Sc.2	P.C.	
1 B				8.3 -1.36 6.94
2 B				8.5 -1.38 7.12
3 B				7.7 -1.25 6.45
4 B				8.9 -1.33 7.57
5 B				8.5 -1.38 7.12
6 B				9.1 -1.30 7.80
7 ^{3.9} 3.7		4.45	8.35	9.7 -1.10 8.60
8 ^{4.5} 4.3		4.20	8.70	9.9 -1.03 8.87
9 B				9.2 -1.27 7.93
9a B				9.8 -1.07 8.73
9b ^{3.9} 3.7		4.45	8.35	9.8 -1.07 8.73
9c ^{3.8} 3.6		4.47	8.27	9.7 -1.10 8.60
10 ^{4.8} 4.6		4.03	8.83	9.9 -1.03 8.87
11 ^{4.6} 4.4		4.13	8.73	9.8 -1.07 8.73
12 ^{6.1} 5.9		3.25	9.35	7
12a ^{6.9} 6.7	7.05 ¹²	7.2	2.82	9.87
13 ^{6.0} 5.8	6.05 ⁰¹	6.1	3.27	9.32
14		7.8	2.53	10.33
15		7.8	2.53	10.33
16		7.9	2.50	10.40
17		8.7	2.30	11.00
18		7.6	2.60	10.20
19		8.9	2.30	11.30
20		9.6	2.40	12.00
21	9.35 ⁰¹	9.4	2.36	11.71
22	9.8 ⁰⁰	9.8	2.46	12.26
23	9.9 ⁰⁰	9.9	2.50	12.40

YELLOW

Monday, November 27, 1916

111

Cupid 1323:154

Scale m	mc 6491	D ₂	3 ^h 0 ^m - 15.0	alt. corr -10			
	sc.1	sc.2	cu magn	sc.1 P.C.	sc.2	cu	magn
1	B				8.1	-1.33	6.77
2	B				8.9	-1.34	7.56
3	B				7.6	-1.23	6.37
4	^{3.8} 3.6		4.48	8.28	9.5	-1.17	8.33
5	B				8.4	-1.37	7.03
6	B				9.2	-1.26	7.94
7	B				9.5	-1.17	8.33
8	B				9.1	-1.30	7.80
9	^{3.8} 3.6		4.48	8.28	9.7	-1.10	8.60
10	^{4.9} 4.7		4.00	8.90	9.9	-1.03	8.97
11	J P				7		
12	^{5.5} 5.3		3.60	9.10	7		
13	^{6.3} 6.1	¹⁰ 6.35	6.4	3.14	9.49		
14	^{7.1} 6.9	¹⁰ 7.15	7.2	2.76	9.91		
15			7.9	2.50	10.40		
16	^{7.1} 6.9	¹⁰⁰ 7.10	7.1	2.80	9.90		
17			7.9	2.50	10.40		
17 _a			8.9	2.30	11.20		
18			9.1	2.31	11.41		
19			9.3	2.35	11.65		
20			9.4	2.37	11.97		
21	^{9.80} 9.8		9.8	2.45	12.25		
22	^{9.90} 9.9		9.9	2.50	12.40		

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Monday, November 27, 1916

YELLOW

Copied B 21:67

Scale m	mcl 492	2 Ceti	3 ^h 1 ^m + 3 ^s .7	alt. with +.05
	sc.1	sc.2	Ar	Magn
1	^{5.6} 5.4		3.54	9.14
2	^{6.6} 6.4	^{6.65"} 6.7	3.00	9.65
b = 3	^{6.8} 6.6	^{6.85"} 6.9	2.90	9.75
4		7.4	2.67	10.07
a = 5		7.9	2.50	10.40
6		8.2	2.42	10.62
7		8.3	2.39	10.69
c = 8		8.5	2.36	10.86
9		8.8	2.30	11.10
10		9.1	2.31	11.41
11	^{9.20"} 9.2	9.2	2.34	11.54
12	^{9.65"} 9.6	9.7	2.44	12.09

Monday, November 27, 1916

YELLOW

Copied F20 :46

Scale m	mc 6493	For Color Indices	3 rd 1 ^m	+74.0	alt. corr +.08
	Sc. 1	Sc. 2	Re	Magn	
1	4.5 ^{4.7}		4.07	8.77	
2	3.5 ^{3.7}		4.50	8.20	
3	3.8 ^{4.0}		4.42	8.42	
4	6.6 ^{6.8}		2.93	9.73	
5	6.5 ^{6.7}	6.75 ^{±0} 6.8	2.94	9.69	
5a	6.9 ^{7.1}	7.20 ^{±1} 7.3	2.76	9.96	
6		7.9	2.50	10.40	
7		8.3	2.39	10.69	
7a		8.4	2.37	10.77	
8		8.6	2.33	10.93	
9		9.1	2.31	11.41	
9a	9.1 ^{9.15±0}	9.2	2.32	11.47	
9b	9.6 ^{9.60±0}	9.6	2.40	12.00	
9c	9.9 ^{9.90±0}	9.9	2.50	12.40	

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YELLOW

Monday, November 27, 1916

Scale m

mc 6494

Pole

Sc.1

Sc.2

Sc.1

P.C.

Sc.2

1 B

5.3
5.15.40^{±1}

5.5 - 0.96

4 B

6.8
6.66.85^{±0.1}

6.9 - 0.99

5 B

7.6 - 1.17

6 B

8.4 - 1.42

7 B

8.8 - 1.34

8 B

9.3 - 1.27

9 4.1
3.99.8 ~~4~~ - 1.0610 4.6
4.4

7

11. 5.5^{±1} 5.70⁰⁰ 5.5^{±1}12 6.3
6.1 6.30⁰⁰ 6.3

13 7.4

14 7.6

15 8.5

16 8.5

17 8.7

18 9.2

19 9.5

20 9.8

21 9.9^{990⁰⁰} 9.922 9.9^{990⁰⁰} 9.9

See page 107

12.50

Wednesday, November 29, 1916

YELLOW

Sheet no 335

11.15

Series mc 170

Scale m mc 4425

Pole

Sc.1	Sc.2	4430 P.H.S.	Sc.1	P.C	Sc.2
5 B					8.4 $8.40^{\pm 1}$ -1.97
6 B					9.1 9.2 $9.15^{\pm 1}$ -2.17
7 B					9.5 9.6 $9.55^{\pm 1}$ -2.09
8 3.5 3.3		3.6 $3.55^{\pm 1}$			7
9 5.1 4.9		5.1 5.10^{∞}			
10 5.4 5.4		5.6 5.60^{∞}			
11 6.7 6.5 6.70^{∞}	6.7	6.70 6.70^{∞}			
12 7.1 6.9 $7.15^{\pm 1}$	7.2	6.90 $7.02^{13.12}$			
13	7.9	8.1 $8.00^{\pm 1}$			
14	8.3	8.2 8.25^{10}			
15	8.9 9.50^{∞}	9.1 $9.00^{\pm 1}$			
16	9.5 9.50^{∞}	9.3 $9.40^{10.10}$			
17	9.5 9.90^{∞}	9.45 $9.45^{02.03}$			
18	9.9	9.85 $9.85^{12.03}$			
19	7				
20					
21					

YELLOW

Wednesday, November 29, 1916

Copied B 20: 74-78

Scale m	mc 4426	R + S Javri	4 ^h 23 ^m + 9.9 ^s	Red. corr +.05				
	sc.1	sc.2	Cu Magn	sc.1	P.C.	sc.2	Cu	Magn
a	B					7.6	2.24	9.84
b	B			-2.00	6.40	8.4	1.58	10.28
c	B			-2.14	6.96	9.1	1.60	10.70
d	B			-2.14	7.06	9.2	1.57	10.77
e	B					9.8	1.65	11.45
f	B					9.9	1.70	11.60
g	3.6		4.33			7		
h	4.4		3.98					
i	4.2		4.38					
j	5.1		3.57					
k	4.9		8.67					
l	6.3	6.20 ¹²	6.1	2.92		9.12		
m	7.1	7.00 ¹²	6.9	2.56		9.56		
m'			7.7	2.20		9.90		
n			8.5	1.84		10.34		
o			8.6	1.79		10.39		
p			9.1	1.60		10.70		
q			9.1	1.60		10.70		
r		9.80 ¹⁰	9.8	1.65		11.45		
r'		9.35 ¹⁰	9.4	1.55		10.90		

Wednesday, November, 29, 1916

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YELLOW

Copied 1322:154

Scale m	mc 4428	V Orionis	5 ^h 1 ^m +4.0	alt. corr +.06
	sc.1	sc.2	cu Magn	sc.1 P.C.
a	B			9.8p
a'	B			7
b	4.6		3.75	8.55
c	5.3 ^{5.5} 5.60 ¹¹	5.7	3.30	8.90
d	6.7 ^{6.9} 6.90 [∞]	6.9	2.60	9.50
e		7.7	2.20	9.90
f		8.1	2.01	10.11
g		8.9	1.66	10.56
g'		9.3	1.55	10.85
h		9.3	1.55	10.85
h	9.8 ^{9.80} 9.8		1.65	11.45
l	9.9 ^{9.90} 9.9		1.70	11.60
m		7		

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YELLOW

Wednesday, November 29, 1916

Scale m

mc 4430

Pole

	Sc.1	Sc.2	Sc.1	P.C.	Sc.2
5	B			Superposed	
6	B				9.2
7	B				9.6
8	3.6 3.4				7
9	5.1 4.9				
10	5.6 5.4				
11	6.7 6.5	6.70"			6.7
12	6.9 6.7	6.90"			6.9
13		8.1			
14		8.2			
15		9.1			
16		9.3			
17		9.45 ⁰¹ 9.4			9.5
18		9.85 ¹⁰ 9.9			9.8
19					7
20					

See page 115

12.05

YELLOW

Monday, Dec. 4, 1916

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11.25

Sheet no 33⁵₆

P.C. 335

Series mc 170

Scale m	mc 4430	Pole			
	sc1	sc2	4435 p124	sc1	P.C. sc2
5	B			Superposed	8.4 8.40 ² -1.97
6	B			9.2	9.3 9.25 ⁰¹ -2.27
7	B			9.7	9.9 9.80 ¹ -2.34
8	3.7 ³		3.7 3.80 ¹¹	4.23	7
9	5.1		5.0 5.15 ¹²	3.59	
10	5.4		5.8 5.70 ¹¹	3.18	
11	6.5 6.65 ¹⁰	6.6	6.80 6.72 ⁰⁸	2.64	
12	6.7 6.80 ¹¹	6.7	7.10 7.95 ¹⁵	2.63	
13			7.8 8.2 8.00 ²	2.08	
14			8.3 8.4 8.35 ¹⁰	1.89	
15			8.9 9.1 9.00 ¹	1.64	
16			9.3 9.3 9.30 ⁰⁰	1.64	
17	9.5 9.4	9.45 9.45 ⁰⁰		1.59	
18	9.9 9.9	9.75 9.82 ^{08 07}		1.74	
19					

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Monday, Dec. 4, 1916

YELLOW

Copied B23:140

Scale m	mc 4431	D ₃	5 ^h 0 ^m - 15.0	alt. air - .12					
	sc.1	sc.2	ln	magn	sc.1	P.C.	sc.2	ln	magn
1	B						9.5	-2.32	7.18
2	B						7.5	.	.
3	B						8.9	-2.15	6.75
4	B						8.5	-2.00	6.50
5	B						9.7	-2.34	<u>7.36</u>
6	B						9.8	-2.35	<u>7.45</u>
7	B						9.5	-2.32	7.18
8	B						9.1	-2.20	6.90
9	B						9.8	-2.35	<u>7.45</u>
10	^{4.9} 4.7		3.70	8.60			7		
10a	^{5.7} 5.5		3.22	8.92			7		
10b	^{6.1} 5.9		3.00	9.10			7		
11	^{3.7} 3.5		4.26	7.96			7		
12	^{4.0} 3.8						9.7	-2.34	<u>7.36</u>
13	^{7.1} 6.9		4.13	8.13			7		
14	^{7.1} 6.9	^{7.00¹¹} 6.9	2.54	9.54					
15	^{7.1} 6.9	^{7.10⁰⁰} 7.1	2.50	9.60					
16		7.3	2.40	9.70					
17		7.3	2.40	9.70					
18		8.7	1.77	10.47					
19		7.3	2.40	9.70					
20		7.9	2.10	10.00					
21		8.6	1.80	10.40					
22	^{9.90⁰⁰} 9.9	^{9.80⁰⁰} 9.9	1.78	<u>11.68</u>					
23	^{9.65¹⁰} 9.8	^{9.80¹⁰} 9.8	1.73	<u>11.53</u>					
24	9.7	9.6	1.66	11.31					

Monday. Dec. 4, 1916

YELLOW

Copied 13 23: 88

Scale m	mc 4432	C 3	5 th 0 ^m + 15.0	alt. cor. +.09					
	sc.1	sc.2	cu	magn	sc.1	P.C.	sc.2	cu	magn
1	B						8.5	-2.00	6.50
2	B						8.6	-2.04	6.56
3	B						8.6	-2.04	6.56
4	B						9.7	-2.34	7.36
5	B						9.9	-2.36	7.54
6	B						9.9	-2.36	7.54
7	3.7 3.5		4.26	7.96			7		
8	B						9.8	-2.35	7.45
9	4.7 4.5		3.80	8.50			7		
9b	4.7 4.5		3.80	8.50			7		
10	B						9.8	-2.35	7.45
11	B						9.9	-2.36	7.54
12	5.7 5.5		3.22	8.92			7		
13	6.1 5.9		3.00	9.10					
14	7.1 6.9	7.15 ^{±0}	7.2	2.48	9.63				
15		7.4	2.33	9.73					
16	6.8 6.6	6.80	6.8	2.64	9.44				
17	5.9 5.7	6.10 ^{±2}	6.3	3.00	9.10				
18		7.6	2.24	9.84					
19		7.9	2.10	10.00					
20		7.9	2.10	10.00					
21		8.7	1.76	10.46					
22		8.5	1.83	10.33					
23		9.4	1.62	11.02					
24		7.9	2.10	10.00					
25	9.60 ^{±1} 9.59.7		1.65	11.25					
26	9.79.8		1.70	11.45					
26a	9.89.8		1.73	11.53					

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YELLOW

Monday, December 4, 1916

Copied B22:155

Scale m	MC 4433	V Monocerotis	6 ^h 18 ^m - 2.2	alt. core +0.2
	sc.1	sc.2	Cu Magn sc.1 P.C.	sc.2 Cu Magn
a B				8.8 -2.12 6.68
b B				9.8 -2.35 <u>7.45</u>
c B				9.7 -2.34 <u>7.30</u>
d B				7
e	3.9		4.09	8.19
f	4.1		4.00	8.30
g	5.4		3.28	8.88
h	5.7	5.90 ⁰⁰	5.9	3.10 9.00
k	6.2	6.45 ⁰¹	6.5	2.81 9.26
l		7.5	2.28	9.78
m		7.6	2.24	9.84
n		8.1	2.00	10.10
o		9.1	1.64	10.74
p	9.6	9.55 ⁰¹	9.5	1.65 11.20
q	9.9	9.90 ⁰⁰	9.9	1.78 <u>11.68</u>

YELLOW

Monday, December 4, 1916

Copeid B20:104

Alt. corr +.05

Scale m	mc 4434	R W Monocerotis	6 ^h 29 ^m + 8.9
	sc.1	sc.2	ln magn sc.1 P.C
L	B		9.2 -2.23 6.97
a	B		9.8 -2.35 <u>7.45</u>
b	^{5.0} 4.8	3.64	8.64
c	^{5.3} 5.1	3.48	8.78
c'	^{5.7} 5.5	3.22	8.92
c ²	^{6.1} 5.9	3.00	9.10
d	^{6.9} 6.7 ^{6.90} 6.9	2.60	9.50
d'	^{7.0} 6.8 ^{6.95} 6.9	2.57	9.52
e		7.4	2.34 9.74
f		7.4	2.34 9.74
g		8.2	1.76 10.16
g'		8.7	1.76 10.46
h		8.8	1.73 10.53
h'		8.9	1.70 10.60
k	^{9.50} 9.5	1.63	11.13
l	^{9.25} 9.3 ^{9.2} 9.2	1.63	10.88
m'	^{9.90} 9.9 ^{9.9} 9.9	1.78	11.68

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YELLOW

Monday, Dec. 4, 1916

Scale m	mc 4435 Pole			
	sc.1	sc.2	sc.1 P.C.	sc.2
5	B			8.4
6	B			9.3
7	B			9.9
8	^{3.7} 3.5			7
9	^{5.0} 4.8 ^{5.8}			
10	5.6			
11	^{6.8} 6.6	^{6.80}	6.8	
12	^{7.1} 6.9	^{7.10}	7.1	
13		8.2		
14		8.4		
15		9.1		
16		9.3		
17		^{9.45} 9.5	^{9.4} 9.4	
18		^{9.75} 9.8	^{9.7} 9.7	
19		7		
20				

See page 119

12.30

YELLOW

Wednesday, Dec 6, 1916

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Sheet no 337

11.35

Series mc 96

Scale m mc 3487

Pole

	Sc.1	Sc.2	3492 P130		Sc.1	P.C.	Sc.2	
5	3.7 3.5		3.7 ^a	2.73			9.4	9.1 9.25 ²¹ -2.82
6	3.9 3.7		4.1 4.00 ¹	2.98			7.	
7	4.6 4.4		4.6 4.60 ⁰⁰	3.86				
8	5.6 5.4		5.7 5.65 ⁰¹	2.38				
9	6.8 6.6	6.75 ⁰¹	6.7 6.75 ⁰⁰	1.99				
10	6.7 6.5	6.70 ⁰⁰	6.90 6.80 ¹⁰	2.08				
11		7.5	7.9 7.70 ²²	1.66				
12		7.7	8.2 7.95 ³²	1.63				
13		8.7	8.6 8.65 ¹⁰	1.43				
14		9.1	8.9 9.00 ¹¹	1.24				
15		9.4	9.4 9.40 ⁰⁰	1.24				
16	9.70 ⁰⁰ 9.7	9.7	9.65 9.65 ^{02 03}	1.26				
17	9.90 ⁰⁰ 9.9	9.9	9.90 ²	1.14				
18		h.5						

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YELLOW

Wednesday, December 6, 1916

Cepheid 1322:40

Scale m	MC 3488	U Scuti	18 49 -12.7	alt. corr -0.7
	Sc.1	Sc.2	Cu	magn
a	^{4.9} 4.7		2.70	7.60
b	^{5.9} 5.7	^{5.90} 5.9	2.31	8.21
c	^{6.9} 6.7	^{6.85} 6.8	2.00	8.85
c' d		7.7	1.72	9.42
d		7.7	1.72	9.42
D		8.3	1.53	9.83
d'		8.5	1.47	9.97
e		8.4	1.50	9.90
e'	^{9.75} 9.8	^{9.7} 9.7	1.22	10.97
E		8.9	1.37	10.27
E'	^{9.55} 9.6	^{9.5} 9.5	1.25	10.80
f	^{9.85} 9.8	^{9.9} 9.9	1.21	<u>11.06</u>

Wednesday, December 6, 1916

YELLOW

Copied 13 22:36

Scale m mc 3489 RR Draconis 18 ^{at. are +.11} 41 +62.5

	Sc.1	Sc.2	Eu	Magn
a	^{5.8} 5.6 5.70 ¹²	5.6	2.39	8.09
a'		8.3	1.52	9.82
b	^{5.7} 5.5 5.80 ²¹	5.9	2.35	8.15
B		7.6	1.75	9.35
c		7.8	1.68	9.48
d		8.3	1.53	9.83
e		8.9	1.37	10.27
e'		8.5	1.47	9.97
f		9.3	1.28	10.58
f'	^{9.65⁰¹} 9.6	9.7	1.23	10.88
f'	^{9.70⁰⁰} 9.7	9.7	1.22	<u>10.92</u>
f'		7		

Wednesday, Dec. 6, 1916

YELLOW

Copied B22:58

Scale m	MC 3490	R X Draconis	Alt. corr +.11 19 01 + 58.6	
	Sc.1	Sc.2	Re	Magn
α	^{5.5} 5.3		2.47	7.97
β	^{6.0} 5.8		2.27	8.27
γ	^{6.9} 6.7	^{6.80"} 6.7	2.00	8.80
α	^{7.1} 6.9	^{7.15"} 7.2	1.90	9.05
b		7.9	1.66	9.50
c		8.3	1.53	9.83
d		8.6	1.44	10.04
e		9.7	1.23	10.93
D	^{8.90} 8.9	^{8.90} 8.9	1.37	10.37
D'	^{9.15} 9.2	^{9.15} 9.1	1.30	10.45
E	^{9.85} 9.9	^{9.85} 9.8	1.21	<u>11.06</u>

Wednesday, Dec. 6, 1916

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YELLOW

Cepheid B23:202

Scale m	mc 3491	D 10	19 00 - 15.0	Red. corr - .10			
	Sc.1	Sc.2	Am	Magn	Sc.1	P.C.	Sc.2
1	1.12						
2	B						9.7
3	n.s.						
4	n.s.						
5	^{4.5} 4.3	2.86		7.36			7
6	^{5.6} 5.4	2.43		8.03			
7	^{5.9} 5.7	2.30		8.30			
8	^{5.9} 5.7	2.30		8.20			
9	^{6.2} 6.1	1.97		8.87			
10	^{3.6} 3.4	.		.			7
11	^{4.3} 4.1	2.95		7.25			
12	^{6.5} 6.3	2.08		8.58			
13	^{5.1} 4.9	2.64		7.74			
14	^{4.9} 4.7	4.90 [∞] 4.9	2.70	7.60			
15		9.7	1.23	<u>10.93</u>			
16	^{5.9} 5.7	5.80 ¹¹ 5.7	2.35	8.15			
17		9.3	1.28	10.58			
18	^{6.6} 6.4	6.60 [∞] 6.6	2.06	8.66			
19		9.3	1.28	10.58			
20		9.8	1.21	<u>11.01</u>			
21		8.9	1.37	10.27			
22		9.6	1.24	10.84			
23		8.8	1.39	10.19	Images <u>very</u> <u>poor</u>		
24		7					
25		n.s.					
26	^{8.50¹¹} 8.6	8.4	1.46	9.96			
27	^{9.68¹¹} 9.7	9.5	1.23	10.83			
28		7					

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Wednesday, Dec. 6, 1916

YELLOW

Scale m	MC 3492	Pole		
	Sc.1	Sc.2	Sc.1 P.C.	Sc.2
5	B			9.1
6	^{4.1} 3.9			7
7	^{4.6} 4.4			
8	^{5.7} 5.5			
9	^{6.8} 6.6	⁰¹ 6.75		6.7
10	^{6.9} 6.7	⁰⁰ 6.90		6.9
11		7.9		
12		8.2		
13		8.6		
14		8.9		
15		^{9.65} 9.4		
16		9.7		9.6
17		7		
18				

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Friday, December 8, 1916

YELLOW

Sheet no 337

11. 10

Series mc-96

Scale m mc 3492

Pole

	Sc.1	Sc.2	3498 P.130		Sc.1	P.C	Sc.2
5	B						9.3 8.8 9.05 ³² -2.62
6	4.3 4.1		3.9 4.10 ²²	2.88			7
7	4.7 4.5		3.7 4.20 ⁵⁵	3.26			
8	5.7 5.5		5.3 5.50 ²²	2.53			
9	6.7 6.5	6.70 ⁰⁰	6.50 6.60 ^{10 10}	2.14			
10	7.0 6.8	7.05 ⁰¹	6.85 6.95 ^{10 10}	1.93			
11		7.7	7.5 7.60 ¹¹	1.76			
12		8.3	7.9 8.05 ³²	1.53			
13		8.7	8.5 8.60 ¹¹	1.48			
14		9.1	8.7 8.90 ²²	1.34			
15		9.5	9.1 9.20 ²²	1.24			
16		9.7	9.5 9.60 ¹¹	1.24			
17		7 7	9.65 9.65 ³²	1.39			
18			9.80 9.80 ²²	1.76			

YELLOW

Friday, Dec. 8, 1916

Copied B 22:156

Scale m	mc 3493	U Sagittae	Alt. corr +.10			19 14 + 19.4
	sc.1	sc.2	Cu	Magn	sc.1	P.C. sc.2
A B						8.3
B n.s						
a B						8.8
a' B _p						9.9
a ² ^{3.6} 3.4						9.8
b B						9.2
b' B						9.6
c ^{3.9} 3.7			3.27	7.17		7
d ^{4.6} 4.4			2.96	7.56		
e ^{4.7} 4.5			2.90	7.60		
f ^{5.5} 5.3			2.55	8.05		
g ^{5.7} 5.5			2.47	8.17		
h ^{5.8} 5.6			2.43	8.23		
h ¹		7.3	1.85	9.15		
h ² ^{6.6} 6.4	^{6.55} 6.5		2.12	8.67		
k ^{5.7} 5.5	^{5.70} 5.7		2.47	8.17		
l ^{6.0} 5.8	^{5.95} 5.9		2.38	8.33		
m		7.4	1.82	9.22		
n		7.7	1.70	9.40		
o		7.8	1.67	9.47		
p		7.9	1.65	9.55		
q		8.3	1.50	9.80		
r		8.7	1.42	10.12		
r'		9.1	1.32	10.42		
s	^{2.45} 9.5	¹⁰ 9.4	1.33	10.78		
t	^{9.70} 9.8	¹¹ 9.6	1.40	<u>11.10</u>		
u		7				

Friday, Dec. 8, 1916

YELLOW

Opus 1322:88

Scale m	MC 3494	SW Cygni	20 04 + 46.0 alt. cor +.13
	Sc.1	Sc.2	Ar Magn
a	^{5.5} 5.3	2.56	8.06
b	^{5.9} 5.7	2.40	8.30
c	^{6.7} 6.5	2.07	8.77
d	^{6.9} 6.7 ¹⁰ 6.8	2.02	8.87
d'	^{6.9} 6.7 ¹⁰ 6.8	2.02	8.87
e	7.7	1.70	9.40
f	8.4	1.46	9.86
g	8.7	1.39	10.09
h	8.7	1.39	10.09
k	8.9	1.36	10.26
l	9.3	1.32	10.62
m	9.5	1.35	10.85
n	9.7	1.42	11.12
o	^{9.75} 9.7 ¹⁰ 9.8	1.44	<u>11.19</u>
p	^{9.95} 10.0 ^{0.1} 9.9	.	

YELLOW

Friday, Dec. 8, 1916

Copied B22:92

Scale m	MC 3495	U W Cygni	20 20 + 42.9	
	sc.1	sc.2	cu	magn
2	B			
3	6.8 6.6	6.85 ⁰¹	6.9	2.02
8		7.8	1.67	9.47
f				
a		8.5	1.45	9.95
b	6.5 6.3	6.50 ⁰⁰	6.5	2.15
c		8.9	1.36	10.26
d		8.6	1.43	10.03
e		9.3	1.32	10.62
f		9.4	1.33	10.73
g		9.1	1.33	10.43
h	9.80 ⁰⁰ 9.8	9.8	1.50	11.30
k	9.90 ⁰⁰ 9.9	9.9	.	.
l		5		

Friday, Dec 8, 1916

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YELLOW

Cepheid B 22:96

Scale m	MC 3496	W Delphin	Alt. corr +.10	
			20	33 + 17.9
	Sc. 1	Sc. 2	ln magw	
a	^{6.4} 6.2		2.19	8.59
b	^{5.5} 5.3 ^{5.50} 5.5		2.55	8.05
c		7.6	1.74	9.34
d	^{7.0} 6.8 ^{6.80} 6.8		2.00	8.90
e		8.1	1.57	9.67
e'		8.7	1.40	10.10
f		9.8	1.30	11.30
f ₁	^{9.70} 9.7	^{9.70} 9.7	1.42	<u>11.12</u>
f ₂	^{9.70} 9.9	^{9.70} 9.9		
g		9.5	1.35	10.85
h	^{9.10} 9.1	^{9.10} 9.1	1.33	10.43
h'	^{9.60} 9.5	^{9.60} 9.7	1.37	10.97

Friday, Dec. 8, 1916

YELLOW

Scale m	mc 3498	Pole
	Sc 1	Sc 2
5	B 3.9	8.8
6	3.7	7
7	3.7 3.5	
8	5.3 5.1	
9	6.4 6.50"	6.4
10	6.9 6.7	6.85' 6.8
11		7.5
12		7.8
13		8.5
14		8.7
15		9.1
16		9.5
17	9.6 9.65'	9.7
18	9.8 9.80"	9.8

See page 131

12.20

YELLOW

Saturday, Dec. 9, 1916

137

Shut no 335

12.25

Series mc 62

Scale m

mc 3032

Pole

sc.1

Sc.2

3037
P144

sc.1 P.C.

Sc.2

1

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

B

3.7

3.8

5.8

6.7

7.3

7.8

8.4

8.9

9.3

9.6

9.9

7

7

7

3.6 3.60²3.9 3.90⁰⁰3.8 3.80⁰⁰5.7 5.9 5.82^{07 06}6.9 6.90 6.90^{00 00}7.1 7.10 7.10^{10 10}8.2 8.00^{2 2}8.4 8.40⁰⁰8.6 8.75¹²8.8 9.05^{3 2}9.3 9.48^{17 15}9.5 9.70^{2 2}9.7 9.65¹⁰9.9 9.90^{2 2}9.9 9.90^{2 2}9.9 9.90^{2 2}9.9 9.90^{2 2}9.9 9.90^{2 2}9.9 9.90^{2 2}9.9 9.90^{2 2}9.9 9.90^{2 2}9.9 9.90^{2 2}9.9 9.90^{2 2}9.9 9.90^{2 2}9.9 9.90^{2 2}9.9 9.90^{2 2}9.9 9.90^{2 2}9.9 9.90^{2 2}9.9 9.90^{2 2}

edge

8.6

9.6

7

8.6 8.60⁰⁰9.5 9.55⁰¹

-2.74

-3.12

Saturday, Dec. 9, 1916

YELLOW

Copied 1323:166

Scale m	MC 3033	D ₄	7 00 - 15.0	Rel. corr - .12
	Sc.1	Sc.2	Ar	Magn
1	B			
2	P			
3	^{5.5} 5.3		2.36	7.86
4	^{3.9} 3.7		3.20	7.10
5	^{6.8} 6.6		1.80	8.60
6	^{6.8} 6.6		1.80	8.60
7	^{5.1} 4.9	^{5.20} 5.3	2.55	7.75
8		7.7	1.46	9.16
9	^{3.6} B 3.4	B	3.37	6.97
10		7.8	1.44	9.24
11		8.2	1.30	9.50
12		7.6	1.50	9.10
13	^{6.9} 6.7	¹⁰ 6.85	6.8	1.79
14		9.2	1.17	10.37
15		9.1	1.17	10.37
16		7.8	1.44	9.24
17		9.7	1.22	<u>10.93</u>
18		9.8	1.25	<u>11.05</u>
19	9.5	^{9.45} 9.4	1.20	10.65
20	9.8	^{9.80} 9.8	1.25	<u>11.05</u>
21		n.s		

Saturday, Dec. 9, 1916

YELLOW

Copied B 23194

Scale m	mc 3034	C 4	7.00 +15.0	alt. m +.09
	sc.1	sc.2	Ar	Magn
1	^{3.8} 3.6		3.20	7.00
2	^{4.1} 3.9		3.10	7.20
3	^{3.5} 3.3		3.32 2.90	6.82
4	^{3.8} 3.6		3.25	7.05
4a	^{4.5} 4.3		2.90	7.40
5	^{6.5} 6.3		1.94	8.44
6	^{4.1} 3.9		3.10	7.20
7	^{5.3} 5.1	^{1'} 5.40 5.5	2.46	7.86
8		7.3	1.60	8.90
9	^{6.0} 5.8	^{0'} 6.05 6.1	2.12	8.17
9a		7.4	1.57	8.97
10		7.9	1.40	9.30
11		8.9p	1.18	10.08
12		7.5	1.53	9.03
13		7.7	1.46	9.16
14		9.3	1.18	10.48
15		9.6	1.31	10.31
16		9.8	1.25	<u>11.05</u>
17	^{9.65 10} 9.7	9.6	1.22	10.87
18		n.s.		
19	^{9.85 01} 9.8	9.9 n.s.		

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Saturday, Dec. 9, 1916

YELLOW

Copied 13 23: 34

Scale m	mc 3035	B ₃	6	40	+	45	alt. corr +.11
	sc.1	sc.2	sc.1	P.C.		Sc.2	
1	B					8.3	
2	B					9.2	-3.02 6.18
3	P						
4	^{4.1} 3.9	3.10	7.20				
5	B					9.6	-3.13 6.47
6	^{4.8} 4.6	2.75	7.55				
7	^{4.6} 4.4	2.85	7.45				
7a	^{6.1} 5.9	2.10	8.20				
8	^{6.3} 6.1	2.02	8.32				
9	^{5.8} 5.6	⁰¹ 5.7	2.25	8.00			
10		7.7	1.46	9.16			
11		7.4	1.57	8.99			
12	^{7.0} 6.8	⁰¹ 6.9	1.73	8.68			
13		7.7	1.46	9.16			
14		7.9	1.40	9.30			
15		8.3	1.26	9.56			
16		7.8	1.43	9.23			
17		8.9	1.18	10.08			
18		7.8	1.43	9.23			
19		8.8	1.19	9.99			
20	^{9.85} 9.8	⁰¹ 9.9					
21	^{9.25} 9.2	⁰¹ 9.3	1.18	10.43			
22		n.s.					

cont. on page 142

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YELLOW

Saturday, Dec. 9, 1916

Scale m	MC 3036	N.G.C. 2548	8	09-5.6	alt. corr -01
	Sc.1	Sc.2	Cu	magn	
1	^{5.6} 5.4	5.65	5.7	2.32	7.97
1a	^{7.1} 6.9	7.10	7.1	1.68	8.78
1b		7.5	1.53		9.03
2		8.2	1.30		9.50
2a		8.4	1.25		9.65
2b		9.1	1.18		10.28
3		8.9	1.18		10.08
4		9.2	1.18		10.38
5		^{9.3} 9.3	1.19		10.49
6	^{9.80} 9.8	9.8	1.25		<u>11.05</u>
7	^{9.85} 9.8	9.9	.		.

YELLOW

Saturday, Dec. 9, 1916

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Scale m	mc 3036	D m	8	09	- 5.6	alt. corr. -.01
	sc.1	sc.2	cu	Magn		
1	^{5.5} 5.3	^{5.50} 5.5	2.40	7.90		
2	^{6.1} 5.9	^{6.10} 6.1	2.10	8.20		
2a		7.8	1.44	9.24		
2b		8.4	1.25	9.65		
2c		9.8	1.25	11.05		
3		9.3	1.19	10.49		
4	^{9.10} 9.1	^{9.2} 9.2	1.18	10.33		
5	^{9.4} 9.5	^{9.3} 9.3	1.19	10.59		

YELLOW

Saturday, Dec. 9, 1916

Scale m	MC 3037	Pole	sc.1	P.C.	sc.2
4	3				8.6
5	3.6 3.4				9.5
6	3.9 3.7				7
7	3.8 3.6				
8	5.9 5.7				
9	7.0 6.8	6.90 ¹¹			6.8
10	7.1 6.9	7.10 [∞]			7.1
11		8.2			
12		8.4			
13		8.8 ⁶			
14		8.8			
15		9.3			
16		9.5			
17		7			

See page 137

1. 40

YELLOW

Monday, December 11, 1916

145

Sheet no 338

11.20

Series mc 361

Scale m

mc 6749

Pole

Sc. 1

Sc. 2

6754
P157

Sc. 1

P.C.

Sc. 2

1

5.4

5.65⁰¹

5.7

5.65²¹

-1.21

4

6.9

7.15⁰¹

7.2

7.3 7.22

-1.36

5 B

7.7

7.7 7.70⁰⁰

-1.27

6 B

8.4

8.2 8.35⁰¹

-1.37

7 B

8.8

8.6 8.70¹¹

-1.24

8

4.0
3.84.0^a

4.03

9.4

8.9 9.15²³

-1.12

9

5.3

5.6 5.55¹⁰

3.19

9.8

9.7 9.75⁰¹

-1.01

10

5.4

5.8 5.70¹¹

3.18

10.0

10.0 10.00⁰⁰

-1.12

11

6.3

6.50⁰⁰ 6.56.65 6.58^{08 07}

2.78

12

6.6

6.80⁰⁰ 6.86.70 6.75^{05 05}

2.83

13

7.6

7.6 7.60⁰⁰

2.48

14

7.7

7.8 7.75¹⁰

2.49

15

8.4

8.3 8.35⁰¹

2.29

16

8.6

8.5 8.55⁰¹

2.39

17

8.8

8.7 8.75⁰¹

2.29

18

9.3

9.3 9.30⁰⁰

2.26

19

9.4

9.4 9.40⁰⁰

2.54

20

9.7

9.7 9.70⁰⁰

2.49

21

9.7

9.8 9.75¹⁰

2.52

22

9.7 9.8

9.90 9.82^{07 08}

2.67

23

9.9

9.95 9.92^{02 03}

2.84

24

9

YELLOW

Monday, December 11, 1916

Copied B 23:154

Scale m	mc 6750	D ₂	2	59	-15.0	Alt. corr -1.0			
	Sc.1	Sc.2	ln	magn	Sc.1	P.C.	Sc.2	ln	magn
1	B						^{7.95} 8.1 ^{1.2} 7.8	-1.29	6.60
2	Y.P.						^{9.00} 9.1 ^{1.1} 8.9	-1.20	7.80
3	B						7.4	-1.30	6.10
4	P						9.3	-1.17	8.13
5	Y.P.						8.3	-1.26	7.04
6	Y.P.						9.2	-1.18	8.02
7	Y.P.						8.9	-1.21	7.69
8	Y.P.						8.9	-1.21	7.69
9	^{5.0} 4.8		3.53	8.53			9.6	-1.13	8.47
10	^{6.5} 6.3		2.86	9.36			10.0	-1.07	<u>8.93</u>
11	P						9.9	-1.08	<u>8.82</u>
12	^{6.1} 5.9p		3.00	9.10			9.9	-1.08	<u>8.82</u>
13	^{6.8} 6.6 ^{4.75} 0.1	6.7	2.77	9.52			7		
14		7.3	2.60	⁹ 9.0					
15		8.4	2.37	10.77					
16		7.6p	2.52	10.12					
17		8.1	2.41	10.51					
17a		8.8	2.35	11.15					
18		8.8	2.35	11.15					
19		8.9	2.34	11.24					
20		9.1	2.36	11.46					
21		9.3	2.40	11.70					
22		9.7	2.58	<u>12.28</u>					
23		9.6	2.49	12.09					
24	^{9.8000} 9.8	9.8	2.65	<u>12.45</u>					
25	7	7							
26		7							
27	^{9.9000} 9.9	9.9	2.73	12.63					

Remeas P.C. by O. Aug 25, 17.
P.C.
6 8.4 8.5
7 8.7
8 8.6
No error in frer. meas. of 7.
Images hazy

Removes P.C. by O. Aug 25.17.
P.C.

6 8.4 8.5

7 8.7

8 8.6

No error in freq. meas. of 7.

3 images heavy

Monday, December 11, 1916

YELLOW

Copied 1323:82

Scale m	mc 6751	C ₂	3 00 +15.0	alt. corr +.10			
	sc.1	sc.2	Cu magn	sc.1 P.C.	sc.2	Cu	magn
1	B			8.3 ^{8.25}	8.2 ¹⁰	-1.27	6.98
2	B			84 ^{8.45}	8.5 ⁰¹	-1.26	7.19
3	B				7.7	-1.30	6.40
4	J.P.				8.8	-1.22	7.58
5	B				8.6	-1.24	7.36
6	B				9.1	-1.20	7.90
7	J.P.				9.6	-1.13	8.47
8	J.P.				9.8	-1.10	8.70
9	3.9 3.7	4.15	8.05		9.1	-1.20	7.90
9a	4.6 4.4	3.72	8.32		9.5	-1.15	8.35
9b	5.1 4.9	3.48	8.58		9.6	-1.13	8.47
9c	J.P.				9.3	-1.17	8.13
10	J.P.				9.9	-1.08	8.82
11	J.P.				9.7	-1.11	8.59
12	6.9 6.7p	6.85 ¹⁰ 6.8	2.74	9.59	7		
12a		7.7	2.50	10.20	7		
13	6.7 6.5	6.65 ¹⁰ 6.6	2.80	9.45	10.0	-1.07	8.93
14		7.8	2.47	10.27	7		
15		8.2	2.40	10.60			
16		8.2	2.40	10.60			
17		8.4	2.37	10.77			
18		7.8	2.47	10.27			
19		8.7	2.35	11.05			
20		9.4	2.42	11.82			
21		9.1	2.36	11.46			
22		9.2	2.38	11.58			
23		9.7	2.57	12.27			

Monday, December 11, 1916

YELLOW

Scale m	mc 6751	(cont.)	Alt. corr +.10
	Sc.1	Sc.2	Qu Magn
24		9.7	2.57 <u>12,27</u>
25		9.7	2.57 <u>12,27</u>
25a	9.7 ^{9.75-1.0}	9.8	2.61 <u>12,36</u>
26	7	9.9	2.72 <u>12,62</u>
27	10.0 ^{10.0-0.0}	10.0	2.80 <u>12,80</u>

Monday, December 11, 1916

YELLOW

Copied 13 21:30

Scale m	mc 6752	R Persei	3	24 + 35.0	add. corr +.12
	Sc.1	Sc.2	Cur. Magn	Sc.1	P.C. Sc.2
a	B			8.2 ^{8.25-0.1}	8.3 -1.27 6.98
b	B			8.5 ^{8.55-1.0}	8.6 -1.25 7.30
c	Y.P				9.7 -1.11 8.59
d	5.8 ^{5.75-0.1}	5.7p	3.13	8.88	9.8 -1.10 8.70
e	6.7 ^{6.70-0.0}	6.7p	2.78	9.48	10.0 -1.07 8.93
f		7.6	2.52	10.12	
g		7.7	2.50	10.20	
h		7.8	2.48	10.28	
k		8.2	2.40	10.60	
l		8.8	2.35	11.15	
m		8.9	2.34	11.24	
n		8.9	2.34	11.24	
o		8.9	2.34	11.24	
p		9.8	2.36	11.46	
q		9.3	2.40	11.70	
r		9.6	2.48	12.08	
s		9.6	2.48	12.08	
t		9.8 ^{9.85-1.0}			
u	9.9	9.9	2.70	12.55	
w	9.9 ^{9.90-0.0}	9.9	2.72	12.62	

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YELLOW

Monday, Dec. 11, 1916

Copied B 21:68

Scale m	mc 6753	γ Eridani	3 rd 57 ^m - 13.8	Alt. corr - .09
	Sc.1	Sc.2	Sc.1	P.C.
1	B ^{5.8}		6.6	6.8 ⁰⁰
2	5.6 p	3.11	8.91	9.8
3	5.2 p	3.31	8.71	9.9
4	6.5 p	2.79	9.49	5
5	6.9 p 7.00 ¹¹	2.68	9.68	
6	6.6 p 6.25 ⁰¹	2.77	9.52	
7	7.7 p	2.50	10.20	
8	8.4	2.37	10.77	
9	8.6	2.36	10.96	
10	9.4	2.43	11.83	
11	9.5 9.5 ^{9.50}	2.47	11.97	
12	9.6 9.7 ^{9.65}	2.50	12.15	

Images very hazy

Monday, Dec. 11, 1916

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YELLOW

Scale m	mc6754	Pole	Sc.1	P.C.	Sc.2
4					7.3
5	B				7.7
6	B				8.3
7	B _p				8.6
8	J.P.				8.9
9	^{5.6} 5.4p				9.7p
10	^{5.8} 5.6p				10.0
11	^{6.8} 6.6p	^{2.1} 6.65			7
12	^{6.8} 6.6p	^{1.1} 6.70			
13		7.6			
14		7.8			
15		8.3			
16		8.5			
17		8.7			
18		9.3			
19		9.4			
20		9.7			
21		9.7			
22		9.8			
23	^{9.90} 9.9	9.9			
24	^{9.95} 10.0	9.9			
25		7			

See page 145

10.40

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Wednesday, Dec. 13, 1916

YELLOW

10.55

Sheet no 336

Series mc 361

Scale m	mc 6754	Pole	Sc 1	P.C.	Sc 2
	Sc 1	Sc 2			
4					7.2 $\frac{2}{1}$ -1.34
5 B					7.8 7.70 $\frac{0.1}{0.2}$ -1.32
6 B					8.4 8.45 $\frac{0.1}{0.2}$ -1.44
7 B					8.8 8.9 $\frac{0.1}{0.2}$ -1.39
8 J.P.		3.9 3.90 $\frac{3}{10}$ 4.13			9.1 9.4 $\frac{1.2}{0.2}$ -1.22
9 5.3p		5.15 5.32 $\frac{16}{17}$ 5.42			9.7 9.9 $\frac{1}{0.1}$ -1.06
10 5.4		5.50 5.55 $\frac{0.05}{0.05}$ 5.53			10.0 $\frac{0.1}{0.1}$ -1.12
11 6.5	6.60 $\frac{11}{11}$ 6.5	6.55 6.58 $\frac{0.03}{0.03}$ 6.58			7
12 6.6p	6.70 $\frac{11}{11}$ 6.6	6.60 6.65 $\frac{0.05}{0.05}$ 6.65			
13	7.4	7.4 7.40 $\frac{0.0}{0.05}$ 7.40			
14	7.7	7.8 7.75 $\frac{0.05}{0.05}$ 7.75			
15	8.4	8.3 8.35 $\frac{0.1}{0.1}$ 8.35			
16	8.5	8.7 8.60 $\frac{1}{1}$ 8.60			
17	8.6	8.8 8.70 $\frac{1}{1}$ 8.70			
18	9.3	9.2 9.25 $\frac{10}{10}$ 9.25			
19	9.5	9.6 9.55 $\frac{1}{1}$ 9.55			
20	9.7	9.8 9.75 $\frac{1}{1}$ 9.75			
21	9.7	9.90 9.80 $\frac{1}{1}$ 9.80			
22	9.8	10.00 9.90 $\frac{1}{1}$ 9.90			
23	9.8 $\frac{9.80}{9.80}$	9.8 $\frac{9}{9}$ 9.80			
24	9.9 $\frac{9.90}{9.90}$	9.9 $\frac{9}{9}$ 9.90			
25		7			

YELLOW

Copied B. 23: 28

Scale m	mc 6755	Ba	4 00	+45.0	Alt. corr +.13			
	Sc.1	Sc.2	cu	magn	Sc.1 P.C	Sc.2	cu	magn
1	B				8.7 ^{8.65}	8.6	-1.34	7.31
2	B				9.1 ^{9.00}	8.9	-1.30	7.70
3	B					9.1	-1.29	7.81
4	B					9.1	-1.29	7.81
5	J.P.					9.5	-1.20	8.30
6	^{4.5} 4.3		3.84	8.34		9.7	-1.15	<u>8.55</u>
7	B					9.1	-1.29	7.81
8	^{5.3} 5.1p		3.45	8.75		9.8	-1.12	<u>8.68</u>
9	^{5.3} 5.1		3.45	8.76		9.9	-1.10	<u>8.80</u>
10	^{5.5} 5.3		3.36	⁸ 8.86		10.0	-1.07	<u>8.93</u>
11	^{4.5} 4.3		3.84	8.34		9.6	-1.18	8.42
12	^{6.4} 6.2		2.98	9.38		7		
13	^{6.6} 6.3		2.95	9.45				
14	^{6.4} 6.4 ^{6.55} 6.5		2.92	9.47				
15		7.2	2.70	9.90				
16	^{5.7} 5.5 ^{5.70} 5.7		3.28	8.98		9.9	-1.10	<u>8.80</u>
17	^{6.8} 6.6 ^{6.75} 6.7		2.84	9.59				
18		7.6	2.57	10.17				
19		8.3	2.40	10.70				
20		8.2	2.43	10.63				
21		8.7	2.33	11.03				
22		8.9	2.33	11.23				
23		7.8	2.53	10.33				
24		8.1	2.45	10.55				
24a		9.2	2.35	11.55				
24b		9.6	2.43	12.03				
25		8.9	2.33	11.23				

Wednesday, December 13, 1916

YELLOW

Scale m	mc 6755	(cont.)	alt. corr +.13
	sc.1	sc.2	sc.3
26		9.4	2.37
27	9.7 ^{9.65}	9.6	2.43
28	9.5 ^{9.50}	9.5	2.40
29		f	
30	n.s.		

Wednesday, December 13, 1916

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YELLOW

Copied B 23:4

Scale m	MC 6756	A i	4	00 +75.0	Rel. corr +.08			
	Sc.1	Sc.2	Cu	Magn	Sc.1 P.C.	Sc.2	Cu	Magn
1	B				8.7 ^{8.70}	8.7 ^{8.70}	-1.34	7.36
2	B				8.5 ^{8.55}	8.6 ^{8.55}	-1.34	7.21
3	B					7.8	-1.39	6.41
4	B					8.1	-1.39	6.71
4a	B					8.9	-1.31	7.59
4b	B					7.8	-1.39	6.41
5	J.P.					9.7	-1.14	8.56
6	J.P.					9.7	-1.14	8.56
7	4.8 ^{4.8}		3.70	8.50		9.7	-1.14	8.56
7a	4.6 ^{4.6}		3.41	8.81		9.8	-1.13	8.67
8	5.2 ^{5.2}		3.70	8.50		9.6	-1.18	8.42
9	4.6 ^{4.6}		3.78	8.38		9.7	-1.14	8.56
9a	4.4 ^{4.4}		4.14	8.04		9.4	-1.22	8.18
9b	3.7 ^{3.7}		2.90	9.50		7		
10	6.4 ^{6.4}					7		
11	J.P.					7		
12	5.9 ^{5.9}	6.15 ^{6.15}	3.06	9.21				
13	7.4 ^{7.4}		2.63	10.03				
14	5.7 ^{5.7}	6.00 ^{6.00}	3.14	9.14				
15	7.6 ^{7.6}		2.58	10.18				
16	7.7 ^{7.7}		2.58	10.25				
17	5.9 ^{5.9}	6.20 ^{6.20}	3.06	9.26				
18	8.4 ^{8.4}		2.39	10.79				
19	8.5 ^{8.5}		2.37	10.87				
19a	8.6 ^{8.6}		2.33	10.93				
19b	8.8 ^{8.8}		2.32	11.12				
20	9.1 ^{9.1}		2.34	11.44				
21	9.1 ^{9.1}		2.34	11.44				

YELLOW

Wednesday, December 13, 1916

Scale m	mc 6756 (cont.)				Alt. corr +.05
	sc.1	sc.2	Cu	Magn	
22		9.2	2.35	11.55	
23		9.2	2.35	11.55	
24	10.00	10.0	2.85	<u>12.85</u>	
25	7	7			
26	9.9 ^{9.90}	9.9	2.70	<u>12.60</u>	

Wednesday, December 13, 1916

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YELLOW

Copied B20: 70

Scale m	MC 6757	S W Yarni	4 th 21 ^m +5.0	Act. corr. +.06
	Sc.1	Sc.2	Lu Magn	Sc.1 P.C. Sc.2 Lu Magn
a	^{3.8} 36p			^{9.35-01} 9.4 9.3 -1.23 8.12
b	Y.P.			^{9.25-10} 9.3 9.2 -1.27 7.98
c	^{5.6} 5.4p	3.33	8.93	9.9 -1.10 <u>8.80</u>
d	^{5.7} 5.7	3.20	9.10	9.9 -1.10 <u>8.80</u>
e	^{6.9} 6.7 6.80 ¹¹ 6.7	2.84	9.64	7
e'		7.8	2.53	10.33
F	^{6.1} 5.9 6.20 ¹¹ 6.3	3.06	9.26	
G		7.8	2.53	10.33
G'		8.7	2.33	11.03
H		8.8	2.33	11.13
K		9.8	2.53	<u>12.33</u>
L	^{9.90-00} 9.9 9.9	2.70	<u>12.60</u>	
m	^{9.85-10} 9.9 9.8	2.60	<u>12.45</u>	

YELLOW

Wednesday, December 13, 1916

Copied 1320:74-78

Scale m	mc 6758	R + S Janni	4 ^h 20 ^m + 10.0	Alt. corr +.05				
	Sc.1	Sc.2 Cu	Magn	Sc.1	P.C.	Sc.2	Cu	Magn
a	B			7.0 6.8	6.95 ^{0.1}	6.9	-1.34	5.61
b	B				7.8	7.75 ^{0.1} 7.7	-1.35	6.37
c	B					8.1	-1.39	6.71
d	B					8.4	-1.37	7.03
e	B					9.1	-1.29	7.81
f	7.0 4.0					9.2	-1.27	7.93
g	3.8p		4.10	8.10		9.4	-1.23	8.17
h	4.7 4.5		3.75	8.45		9.6	-1.18	8.42
i	5.0 4.8		3.60	8.60		9.8	-1.13	<u>8.67</u>
j	6.1 5.9	6.15 ^{1.0}	6.2	3.07	9.22	7		
k	6.9 6.7	6.80 ^{1.1}	6.7	2.84	9.64	7		
l			7.4	2.63	10.03			
m			7.9	2.50	10.40			
n			8.2	2.43	10.63			
o			8.6	2.35	10.95			
p			8.7	2.34	11.04			
q			9.3	2.37	11.67			
r			8.7	2.34	11.04			
s			9.5	2.40	11.90			
t			9.8	2.53	<u>12.33</u>			
t'	9.9	9.90 ^{0.0}	9.9	2.70	<u>12.60</u>			
u	10.0		10.0	2.85	<u>12.85</u>			
u	10.0	9.95 ^{0.1}	9.9	2.80	12.75			

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YELLOW

Scale m	mc6760	Pole	sc.1	P.C.	sc.2
5	B			7.7 ^{7.70}	7.7
6	B			8.4 ^{8.45}	8.5
7	B				8.9
8	3.7				9.4
9	4.9 ^{5.1} p. ^{5.15} 5.2 ¹⁰				9.9
10	5.2 ^{5.4} ^{5.50} 5.6 ¹¹				17
11	6.4 ^{6.6} ^{6.55} 6.5 ⁰¹				
12	6.5 ^{6.60} 6.7 ¹¹				
13		7.4			
14		7.8			
15		8.3			
16		8.7			
17		8.8			
18		9.2			
19		9.6			
20		9.8			
21		9.9 ^{9.90} 9.9 ^{10.00}			
22		10.0 10.0			
23					
24					
25					

See page 152

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YELLOW

Saturday, Dec. 16, 1916

Sheet no 344

9.00

11.10

Series mc 423

Scale m

mc 7483

Pale

Sc.1

Sc.2

7488
P169

Sc.1

P.C.

Sc.2

1						5.7	5.8 ⁰⁷	5.78	-1.34
4						7.5	7.5	7.50	-1.64
5 B						8.3	7.9	8.10	-1.67
6 B			3.7			8.8	8.8	8.80	-1.82
7 B			4.0			9.1	9.2	9.15	-1.69
8	3.9		3.9	3.90 ⁰⁰	4.13	9.7	9.5	9.60	-1.57
9	5.7		5.6	5.66 ¹⁰	3.09	7			
10	5.9		5.9	5.90 ⁰⁰	2.98				
11	6.8	6.80 ⁰⁰	6.8	6.85	6.82 ⁰³	2.54			
12	7.0	6.90 ¹¹	6.8	7.10	7.00 ¹⁰	2.58			
13			8.1	8.1	8.10 ⁰⁰	1.98			
14			8.4	8.4	8.40 ⁰⁰	1.84			
15			8.7	8.8	8.75 ¹⁰	1.89			
16			9.1	9.3	9.20 ¹¹	1.74			
17	9.10	9.1	9.1	9.4	9.25	1.79			
18	9.60	9.6	9.6	9.7	9.65 ⁰⁵	1.91			
19	9.75	9.7	9.7	9.8	9.78 ⁰³	2.16			
20		Snatchet	9.90	9.90 ⁰⁰	2.24				
			10.0	10.0 ⁰⁰	2.27				

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YELLOW

Scale m	MC 7483 (cont.)		diff. images	
	^g Sc 1	^h Sc 2		
1	J P			
4	J P			
5	7.7 ^{7.70⁰⁰}	7.7	7.70	1.70 ¹⁰⁻⁰⁰ -1.27
6	8.9 ^{8.85¹⁰}	8.8	8.70	8.78 ^{07 09} -1.80
7	9.4 ^{9.30¹²}	9.2	9.15	9.22 ^{08 07} -1.76
8	9.6 ^{9.60⁰⁰}	9.6	9.70	9.65 ^{05 05} -1.62
9	9.9 ^{9.90⁰⁰}	9.9	9.90	9.90 ^{00 00} -1.16
10	J	J		

Saturday, Dec. 16, 1916

YELLOW

Copied 13 22:140

Scale m	mc 7484	Z Andromedae	$23^h 24^m + 47.5^s$	Alt. corr. ± 0.9
	sc.1	sc.2	Ar	Magn
a	4.9 4.7		3.57	8.47
b	5.7 5.5		3.15	8.85
c	5.7 5.5		3.15	8.85
d	5.8 5.6		3.09	8.89
e		7.4	2.28	9.68
f		7.8	2.09	9.89
g	5.9 5.7	5.80"	5.7	3.09
g'	6.8 6.6	6.75"	6.7	2.60
h		8.3	1.92	10.22
h'		8.8	1.80	10.60
k		9.3	1.83	11.13
l		9.7	2.03	11.73
l'		9.8	2.10	11.90
m	9.7	9.6	2.00	11.65
n	9.9	9.8	1.83	11.13

YELLOW

Saturday, Dec. 16, 1916

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Copied 1321:20

Scale m	MC 7485	S Ceti	0 ^h 20 ^m -10° 0	Dist. corr. -15					
	Sc.1	Sc.2	ln	magn	Sc.1	P.C.	Sc.2	ln	magn
a	B						8.2	-1.72	6.58
b	B						8.6	-1.71	6.89
c	B						9.2	-1.66	7.54
d	B						9.8	-1.58	<u>8.22</u>
e	^{4.3} 4.1		3.94	8.24			9.8	-1.58	<u>8.22</u>
f	^{5.0} 4.8		3.52	8.52			9.9	-	.
g	^{4.2} 4.7	^{3.2} 5.10	5.3	3.46	8.56		7		
h	^{6.1} 5.9	^{1.0} 6.15	6.2	2.90	9.05				
k	^{6.6} 6.4	^{0.0} 6.60	6.6	2.69	9.29				
l			7.7	2.14	9.84				
m			7.9	2.06	9.96				
n			8.9	1.79	10.69				
o			9.7	2.03	11.73				
p			9.7	2.03	<u>11.73</u>				
q			9.5	1.90	11.40				
r	^{9.70} 9.7	^{0.0} 9.7	2.03	<u>11.73</u>					
s	^{9.90} 9.9	^{0.0} 9.9	2.20	12.10					

Saturday, Dec. 16, 1916

YELLOW

Scale mm	mc 7485		(cont.)	diff. images	
	^g sc1 sc2	^h sc1 sc2	Ar Magn		
a	7.7	7.75 ⁺ 7.8	-1.35	6.40	
b	8.7	8.75 ⁺ 8.8	-1.74	7.01	
c	9.1	9.10 ⁺ 9.1	-1.76	7.34	
d	9.7	9.70 ⁺ 9.7	-1.50	<u>8.20</u>	
e	9.7	9.70 ⁺ 9.7	-1.50	<u>8.20</u>	
f	9.8	9.80 ⁺ 9.8	-1.40	<u>8.40</u>	
g	9.9	9.90 ⁺ 9.9	-1.25	<u>8.65</u>	
h	7	7			

Saturday, Dec. 16, 1916

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YELLOW

Ser. 423

Copied 1323176

Cand.

Scale m	MC 7486	C ₁	1 ^h 00 ^m +15.0	Det. corr +.07
	Sc.1	Sc.2	Cor	magn
1	B		8.9	-1.69 7.21
2	B		9.1	-1.67 7.43
3	B		7.8	-1.68 6.12
4	B		8.9	-1.69 7.21
5	^{4.5} 4.3	3.80	8.30	9.9 -
6	B			9.7 -1.55 <u>8.15</u>
7	B			9.1 -1.67 7.43
7a	^{5.6} 5.4	3.18	8.78	7
8	^{5.7} 5.5	3.14	8.84	7
9	^{4.9} 4.7	3.55	8.45	9.9
10	J.P.			
11	^{6.6} 6.4	^{6.65} 6.7	2.68	9.33
12		7.7	2.13	9.83
13	^{5.6} 5.4	^{5.60} 5.6	3.18	8.78
13a		7.9	2.05	9.95
14		8.1	1.98	10.08
15		8.5	1.84	10.34
16		8.7	1.81	10.51
17		9.2	1.80	11.00
18		9.3	1.82	11.12
18a		9.5	1.90	11.90
19	^{9.80} 9.8	^{9.8} 9.8	2.09	<u>11.89</u>
20	^{9.85} 9.8	^{9.9} 9.9	2.13	<u>11.98</u>
21		7		

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Saturday, Dec. 16, 1916

YELLOW

Scale m	MC 7486 (cont.)		diff. images	
	sc_1	sc_2	sc_1	sc_2
1	8.7	8.70 ⁰⁰	8.7	-1.73
2	8.8	8.70 ¹¹	8.6	-1.73
3	6.7	6.9	6.8	7.1
4	8.6	8.75 ²¹	8.9	-1.74
5	9.9	9.85 ¹⁰	9.8	-1.30
6	9.7	9.70 ⁰⁰	9.7	-1.50
7	8.8	8.75 ⁰¹	8.7	-1.74
7a	7	7	7	
8	7	7	7	
9	10.0	9.95 ⁰¹	9.9	-1.20

Saturday, Dec. 16, 1916

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YELLOW

Copied B 23:148

Card.

Scale m	MC 7487	D ₁	0 ^h 59 ^m -15.0	Alt. 204 -1.21
	Sc.1	Sc.2	En	Magn
1	B			9.3 -1.64 7.66
2	B			9.5 -1.60 7.90
3	B			9.1 -1.67 7.43
4	B			9.7 -1.56 <u>8.14</u>
5	B			9.2 -1.66 7.54
6	B			9.1 -1.67 7.43
7	^{5.0} 4.8		3.53	8.53
8	^{5.5} 5.3		3.25	8.75
9	^{4.7} 4.5		3.70	8.40
10	^{4.7} 4.5		3.70	8.40
11	^{6.4} 6.2		2.78	9.18
12	^{7.0} 6.8		2.49	9.49
13	^{6.4} 6.2		2.78	9.18
14	^{7.0} 6.8	¹¹ 6.8	2.53	9.43
15	^{6.9} 6.7	¹¹ 6.7	2.58	9.38
16		8.2	1.95	11.15
16a		7.6	2.18	9.78
17		8.9	1.79	10.69
18		9.1	1.79	10.89
19		9.4	1.85	11.25
20		9.2	1.80	11.00
21		8.7	1.81	10.51
22		9.5	1.90	11.40
23		9.6	1.96	11.56
24		9.8	2.10	<u>11.90</u>
25	^{10.00} 9.9	2.20		<u>12.10</u>
26	^{10.0} 9.9	2.80		<u>12.30</u>
27	^{10.0} 9.9	2.28		<u>12.23</u>

YFI LOW

Saturday, Dec. 16, 1916

Scale m	MC 7487		(cont.)	diff. images	
	$sc1_{sc2}^g$	$sc1_{sc2}^h$	Cu	magn	
1	9.7	9.70 ⁰⁰	9.7	-1.50	8.20
2	9.5	9.55 ¹	9.6	-1.63	7.92
3	8.9	9.00 ¹¹	9.1	-1.76	7.24
4	9.6	9.65 ⁰¹	9.7	-1.55	8.10
5	9.1	9.20 ¹¹	9.3	-1.74	7.46
6	8.8	9.00 ²²	9.2	-1.76	7.24
7	9.9	9.95 ¹⁰	10.0	-1.20	<u>8.75</u>
8	9.9	9.95 ¹	10.0	-1.20	<u>8.75</u>
9	9.9	9.90 ⁰⁰	9.9	-1.25	<u>8.65</u>
10	9.9	9.90 ⁰⁰	9.9	-1.25	<u>8.65</u>
11	7	7			

YELLOW

Saturday, Dec. 16, 1916

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Scale m	mc 7488	Pole	Sc. 1	P.C.	Sc. 2
1			^{5.9} 5.7	5.85°	5.8
4					7.5
5 B					7.9
6 B					8.8
7 B					9.2
8	^{3.9} 3.7				9.5
9	^{5.6} 5.4				7
10	^{5.7} 5.7				
11	^{6.2} 6.7	^{6.85} 6.8			
12	^{7.1} 6.9	^{7.10} 7.1			
13		8.1			
14		8.4			
15		8.8			
16		9.3			
17		9.4			
18		9.7			
19		^{9.8} 9.8			
20	^{9.90} 9.9	9.9			
21	7	10.0			

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Saturday, Dec. 16, 1916

YELLOW

Scale m	mc 7488	(cont.)	diff. images
	^g Sc1 Sc2	^h Sc1 Sc2	
1	5 p.		
4	5 p.		
5	7.7 7.70 ⁰⁰ 7.7		
6	8.7 8.70 ⁰⁰ 8.7		
7	9.2 9.16 ⁰¹ 9.1		
8	9.7 9.70 ⁰⁰ 9.7		
9	9.9 9.90 ⁰⁰ 9.9		
10	7 7		

See page 160

14.00

YELLOW

Monday, December 18, 1916

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11.10

Series mc 558

Sheet no. 344

Scale m	mc 9438	Pole	Sc.1	P.C.	Sc.2	
	Sc.1	Sc.2	9443 P 178			
1			6.3 ^{6.0}	6.40 ⁻¹	6.8 ⁷	6.75 ^{6.68} -2.24
4					8.1	8.1 ^{8.10} -2.24
5 B					8.9	8.9 ^{8.90} -2.47
6	3.7 3.5 4.0		2.7 ^{2.9}	3.28	9.5 ^{9.6}	9.5 ^{9.55} -2.57
7	3.8		3.9 ^{3.95}	3.61	9.9	9.8 ^{9.85} -2.39
8	5.5 5.3		4.9 ^{5.20}	2.83		
9	6.2 6.5	6.7 ^{6.70}	6.55 ^{6.62}	2.12		
10	7.0 6.8	7.1 ^{7.05}	6.85 ^{6.95}	1.93		
11		7.8	7.8 ^{7.80}	1.56		
12		8.1	8.3 ^{8.20}	1.38		
13		8.7	8.9 ^{8.80}	1.28		
14		8.8	9.1 ^{8.95}	1.29		
15		9.4	9.4 ^{9.40}	1.24		
16	9.7 ^{9.70}	9.7	9.70 ^{9.70}	1.24		
17	9.8 ^{9.75}	9.7	9.80 ^{9.78}	1.26		
18		7				
19						
20						

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Monday, Dec. 18, 1916

YELLOW

Scale m

amp 9438

(cont.)

diff. images

	^g Sc1	^h Sc2	^h Sc1	^h Sc2	
1	Y.P.				
4	8.6 p	Y.P.			
5	8.8	8.80 ⁰⁰	8.8	8.65	8.72 ^{05 07} - 2.29
6	9.7	9.70 ⁰⁰	9.7	9.50	9.60 ^{10 10} - 2.62
7	9.9	9.90 ⁰⁰	9.9	9.95	9.92 ^{03 03} - 2.16
8	7	7			

YELLOW

Monday, Dec 18, 1916

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copied 1323:148

Card.

Scale m	mc 9439	D ₁	1 ^h 00 ^m 20 ^s - 15.0	act. corr -11					
	sc1	sc2	ln	magn	sc1	P.C	sc2	ln	magn
1	5.0						5.0		
2	3.7 3.5 _p	3.46	7.16		9.8 ^{9.8000}		9.8	-2.43	<u>7.37</u>
3	3.6 3.4	3.53	7.13		9.6 ^{9.6501}		9.7	-2.44	<u>7.21</u>
4	4.0 3.8	3.35	7.35				9.7	-2.43	<u>7.27</u>
5	3.8 3.6	3.44	7.24				9.7	-2.43	<u>7.27</u>
6	3.8 3.6	3.44	7.24				9.7	-2.43	<u>7.27</u>
7	6.0 5.8 _p	2.37	8.37				7		
8	5.9 5.7	2.43	8.23						
9	5.6 5.4	2.58	8.18						
10	5.6 5.4	5.65 ⁰¹ 5.7	2.57	8.22					
11	7.1 6.9	7.15 ¹⁰ 7.2	1.83	8.98					
12		7.6	1.63	9.23					
13	7.0 6.8	7.15 ²¹ 7.3	1.83	8.98					
14		7.7	1.58	9.28					
15		7.6	1.63	9.23					
16		8.7	1.28	9.98					
17		9.4	1.24	10.64					
18		9.5	1.24	10.74					
19		9.6	1.24	10.84					
20		9.7	1.25	<u>10.95</u>					
21		9.3	1.25	10.55					
22	9.8 ^{9.8000}	9.8	1.25	<u>11.05</u>					
23	9.9 ^{9.9510}	10.0	1.27	<u>11.22</u>					
24		11							
16a		8.1	1.44	9.54					

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Monday, Dec. 18, 1916

YELLOW

Scale m	MC 9439	(cont.)	diff. images
	^g Sc 15c 2	^h Sc 15c 2	Per magn
1	5 p.	5 p.	
2	10.0 9.95 ⁰ 9.9	-2.50	<u>7.45</u>
3	9.7 9.76 ⁰ 9.7	-2.51	<u>7.19</u>
4	9.9 9.85 ¹⁰ 9.8	-2.51	<u>7.34</u>
5	9.7 9.70 ⁰ 9.7	-2.51	<u>7.19</u>
6	9.7 9.70 ⁰ 9.7	-2.51	<u>7.19</u>
7	7	7	

Monday, Dec: 18, 1916

YELLOW

Copied B 23:76

Card.

Scale m	mc 9440	C ₁	1 00 + 15.0	Rel. corr +.09
	Sc.1	Sc.2	Sc.1	Sc.2
			P.C.	
1	B			9.5 ^{9.25-1.0} 9.6 -2.44 7.11
2	B			9.5 ^{9.50} 9.5 -2.44 7.06
3	B			8.4 +2.36 6.04
4	4 ^{3.8} 5.6	3.44	7.24	9.6 -2.44 ⁴³ 7.07
5	5.5	2.53	8.23	7
6	4.7	2.94	7.84	7
7	3.6 3.4	3.53	7.13	9.6 -2.44 ⁴³ 7.07
7a	2.0 6.8	1.88	8.88	7
8	6.9 6.7	1.93	8.83	
9	6.3 6.7 6.35 ^{1.0} 6.4	2.20	8.55	
10	J.P.			
11		7.7 1.58	9.28	
12		8.4 1.36	9.76	
13	6.8 6.6 6.75 ^{0.1} 6.7	2.00	8.75	
13a		8.9 1.26	10.16	
14		8.9 1.26	10.16	
15		9.3 1.24	10.54	
16		9.3 1.24	10.54	
17		9.8 1.25	11.05	
18	9.7 ^{9.70} 9.7	1.25	10.95	
18a	10.0 ^{10.00} 10.0	1.28	11.28	
19		7		

Monday, Dec. 18, 1916

YELLOW

Scale m

mc 9440 (cont.)

diff. images

Sc.1 Sc.2 Sc.1 Sc.2 Cu Magn

1 96 9.60° 9.6 -2.51 7.09

$$2 \quad 9.7 \quad 9.65^{10} \quad 9.6 \div 2.57 \quad 7.14$$

3 7.8 7.8⁰⁰ 7.8

4 9.6 9.65⁰¹ 9.7 -2.51 7.14

5 4 4

6 子 子

7 9.6 9.60° 9.6 -2.51 7.09

8 7 4

Monday, Dec. 18, 1916

YELLOW

Copied B21:65

Card.

Scale m MC 9441 \odot Ceti + 4^m Ref. Seg. ^{all. corr. - 0.3} 1^h 30^m 20^s - 7.5

	Sc.1	Sc.2	Lu	Magn	Sc.1	P.C.	Sc.2	Lu	Magn
1 ^a	^{3.9} 3.7		3.40	7.30			9.8	-2.43	<u>7.37</u>
2 ^a		7.4	1.72	9.12			7		
3		8.2	1.43	9.63	⁹ Sc.1	Sc.2	⁹ Sc.1	Sc.2	
3a		8.6	1.30	9.90	9.9	9.85	9.8	-2.50	<u>7.35</u>
4		9.1	1.26	10.36	7		7		
4a		9.7	1.25	<u>10.95</u>					
4b		9.9	1.27	<u>11.17</u>					
5	^{9.80} 9.8	^{9.80} 9.8	1.26	<u>11.06</u>					
6	^{10.00} 10.0	^{10.00} 10.0	1.28	<u>11.28</u>					

Monday, Dec 18, 1916

YELLOW

Scale m

mc 9443

Pole

Sc.1

Sc.2

Sc.1

P.C.

Sc.2

1

6.8
6.66.75⁰¹

6.7

4

8.1

5 B

8.9

6 B

9.6

7 3.9
3.7p

9.8

8 4.9
4.7

7

9 6.6
6.4 6.55⁰¹ 6.510 6.9
6.7 6.85¹⁰ 6.8

11 7.8

12 8.3

13 8.9

14 9.1

15 9.4

16 9.70⁰⁰ 9.717 9.8 9.80⁰⁰ 9.8

18 7

19

20

Diff. images

Sc.1⁹ Sc.2Sc.1^h Sc.2

1. J.P.

J.P.

4. J.P.

J.P.

5. 8.6 8.65⁰¹ 8.76. 9.4 9.50⁵¹ 9.67. 10.0 9.95⁰¹ 9.9

8. 7 7

See page 171

YELLOW

Monday, Dec. 18, 1916

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Cepheid B 21:24

Cand

Scale m	mc 9442	S Piscium	alt. corr. to 10 ^h	10 ^m	25 ^s	+ 7.5		
	Sc.1	Sc.2	Ar	Magn	Sc.1	P.C.	Sc.2	Ar Magn
a	^{4.3} 4.1	4.40 ¹¹	4.5	3.17			9.9	-2.41 <u>7.49</u>
b	^{5.1} 4.9	5.20 ¹¹	5.3	2.77			7	
c		9.2	1.25	10.45				
d		7.6	1.63	9.23				
e		8.2	1.43	9.63	Sc.1	9.32	Sc.2	h
e'		^{8.7} 7.2	1.28	9.98 a	9.9	9.90 ⁰⁰	9.9	-2.50 <u>7.40</u>
E		8.4	1.36	9.76 b	10.0	10.00 ⁰⁰	10.0	-2.50 <u>7.50</u>
f		8.7	1.28	9.98				
g		9.1	1.25	10.35				
h		9.6	1.24	10.84				
k		9.7	1.26	10.96				
l	^{9.90⁰⁰} 9.9	9.9	1.27	<u>11.17</u>				
m		^{N.S.} 9.95 ¹⁰						
n	9.9	10.0	1.28	<u>11.23</u>				

12.30

Wednesday, December 20, 1916

YELLOW

Sheet no 342

11.15

Series mc 188

Scale m

mc 4701

Pole

sc.1

sc.2

4706
P176

sc.1 g sc.2

sc.1 h sc.2

1

J. P.

4

J. P.

5 B

7.7 7.75¹⁰ 7.8 7.75 7.75^{00 00} -1.32

6 B

8.8 8.75⁰¹ 8.7 8.70 8.72^{03 03} -1.74

7 J. P.

4.1 4.1⁰¹ 3.369.6 9.55⁰¹ 9.5 9.20 9.38^{19 18} -1.928 4.9
4.7 p4.9 4.90⁰⁰ 3.139.7 9.75¹⁰ 9.8 9.50 9.62^{13 12} -1.59

9 5.6

6.1 5.95²¹ 2.7910.0 10.00⁰⁰ 10.0 10.00^{00 00} 10.00^{00 00} -1.26

10 6.5

6.60¹¹ 6.5 6.30 6.45^{15 15} 2.43

11 6.6

6.95²¹ 7.1 7.10 7.02^{02 05} 2.34

12 J. P.

7.4 7.4²¹ 2.18

13

8.2 7.9 8.05²¹ 2.03

14

8.3 8.2 8.25¹⁰ 1.99

15

8.6 8.7 8.65⁰¹ 1.99

16

8.9 8.9 8.90⁰⁰ 2.04

17

9.1 9.1 9.10⁰⁰ 1.94

18

9.5 9.5 9.50⁰⁰ 2.06

19

9.8 9.85⁰¹ 9.9 9.6 9.78^{13 07 00} 2.22

20

9.9 9.90⁰⁰ 9.9 9.8 9.85^{05 05} 2.34

21

10.0 10.00⁰⁰ 10.0 9.90 9.95^{05 05} 2.32

22

7 10.0 10.0²¹ 2.49

Wednesday, Dec. 20, 1916

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YELLOW

Copied B23:172

Scale m	mc 4702	D5	9 0 0 - 15.0	Red. corr -10				
	Sc.1	Sc.2	Sc.1 ^h Sc.2	Sc.1 ^h Sc.2	Sc.1 ^h Sc.2	Sc.1 ^h Sc.2	Sc.1 ^h Sc.2	
1	B		9.4	9.35 ⁰²	9.3	-1.73	7.62	
2	B		9.3	9.20 ¹²	9.1	-1.76	7.44	
3	B		8.5	8.45 ¹⁰	8.4	-1.68	6.77	
4	3.8 _p	3.38	7.38	9.7	9.70 ⁰⁰	9.7	-1.7	8.13
5	3.8	3.38	7.38	9.8	9.75 ⁰¹	9.7	-1.53	8.22
6	4.8	3.08	8.08	9.8	9.85 ⁰¹	9.9	-1.50	8.35
7	4.8	3.08	8.08	9.9	9.85 ¹⁰	9.8	-1.58	8.35
8	4.9	3.05	8.15	9.8	9.80 ⁰⁰	9.8	-1.52	8.28
9	4.7	3.13	8.03	9.7	9.70 ⁰⁰	9.7	-1.57	8.13
10	5.1	2.99	8.29	9.9	9.90 ⁰⁰	9.9	-1.45	8.45
11	5.3	2.91	8.41	9.9	9.90 ⁰⁰	9.9	1.45	8.45
12	6.7 _p	6.85	6.8p 2.38	9.33				
13		7.6	2.14	9.74				
14	6.6 _p	6.85	6.9p 2.38	9.33				
15		8.3p	1.99	10.39				
16	6.5 _p	6.75 ¹⁰	6.8p 2.41	8.16				
17		7.7	2.12	9.82				
18		8.7	1.97	10.67				
19		8.5	1.98	10.48				
20		9.6	2.13	11.73				
21		8.9	1.97	10.87				
22		9.7	2.16	11.86				
23		9.5	2.06	11.56				
24		9.9	2.30	12.30				
25	9.8	9.80 ⁰⁰	9.8	2.24	12.04			
26	10.0	10.00 ⁰⁰	10.0	2.38	12.38			
27								

Slats 1, 2, and 3 measured wrong; perhaps, but with a fairly a unit out. Repeat all three. H.S.L. July 10, 1910.

P.C. Remear July 10,

1	8.1
2	8.2
3	7.4
4	9.3
5	9.3

Stars 1, 2, and 3 measured
wrong; perhaps but not cer-
tainly a unit out. Repeat
all three. H.S.L. July 10, 1917.
P.C. Remear. July 10, 17.

1 8.1

2 8.2

3 7.4

4 9.3

5 9.3

Wednesday, December 20, 1916

YELLOW

Scale m	MC 4703	Cate	$9^h 00^m + 10.0$		alt. corr. +0.8	
	Sc.1	Sc.2 Cu	Magn	Sc.1 ^h Sc.2	Sc.1 ^h Sc.2	Cu Magn
1	P.			9.6	9.50 ¹²	9.4 -1.67 7.83
2	P			9.9	9.85 ¹⁰	9.8 -1.50 <u>8.35</u>
3	P			10.0	9.95 ¹²	9.9 -1.40 <u>8.55</u>
4	5.8p ⁶⁰ 6.15 ³¹	6.3p 2.65	8.80	9.9	9.85 ¹⁰	9.8 -1.50 <u>8.35</u>
5		7.6 2.14	9.74	7	7	
6		8.1 2.02	10.12			
7		9.1 2.00	11.10			
8		9.1 2.00	11.10			
8a		9.3 2.02	11.32			
9	9.8 ^{9.85⁰¹}	9.9 2.27	<u>12.12</u>			
10	9.9 ^{9.90⁰⁰}	9.9 2.30	<u>12.20</u>			
11		7				

Wednesday, December 20, 1916

YELLOW

Copied 8 23:100

Scale m	mc 4704	C 5	9 ^h 00 ^m + 15.0	alt. corr + .09						
	Sc.1	Sc.2	Cu	magn	Sc.1	Sc.2	Sc.1	Sc.2	Cu	magn
1	B				8.3	8.10 ²²	7.9	-1.56	6.54	
2	JP				9.3	9.40 ¹¹	9.5	-1.70	7.70	
3	B				8.5p	8.30 ²²	8.1	-1.63	6.67	
4	B				9.1	8.90 ²²	8.7	-1.77	7.13	
4a	4.8 ^{5.0} p	3.08	8.08		9.7	9.55 ¹²	9.4	-1.64	7.91	
5	5.3 ^{5.5} p	2.90	8.40		9.9	9.85 ¹⁰	9.8	-1.50	8.35	
6	6.5 ^{6.7}	2.45	9.15		7		7			
7	3.8 ^{4.0}	2.38	7.38		9.5	9.50 ¹⁰	9.5	-1.67	7.83	
8	6.6 ^{6.8}	2.40	9.20		7	10.0 ¹⁰	10.0	-1.36	8.64	
9	5.7 ^{5.9}	2.75	8.65		9.9	9.90 ¹⁰	9.9	-1.45	8.45	
10	6.3 ^{6.5}	2.53	9.03		7					
11	6.8 ^{7.0}	7.05 ¹⁰	7.1	2.30	9.35					
12		7.7p	2.11	9.81						
12a		7.7	2.11	9.81						
13		7.6	2.14	9.94						
14	6.5 ^{6.7}	6.65 ¹⁰	6.6	2.47	9.12					
14a		8.4	1.98	10.38						
15		7.5	2.16	9.66						
16		9.1	2.00	11.10						
17		8.8	1.97	10.77						
18		8.9	1.98	10.88						
19		8.9	1.98	10.88						
20		9.4	2.05	11.45						
20a		9.5	2.06	11.56						
21		9.6	2.12	11.72						
22		9.8 ^{9.25¹⁰}	9.7	2.20	11.95					
23		10.0 ^{10.00¹⁰}	10.0	2.38	12.38					

Wednesday, Dec. 20, 1916

YELLOW

Copied 1323:40

Scale m	mc4705	B+	9 ^h 20 ^m + 45. ⁰	alt. corr +13				
	sc.1	sc.2	sc.1	sc.2	sc.1	sc.2	alt.	corr
1 B			8.7	8.70 ⁰⁰	8.7	-1.73	6.907	
2 B			9.5	9.10 ⁴²	8.7	-1.77	7.33	
3 B			7.8	7.75 ⁰¹	7.7	-1.47	6.24	
4 B			8.9	8.6 9.05 ¹²	9.2	-1.77	7.28	
5 J.P.			J.P.		J.P.			
6 B			* 8.5p	8.40 ¹¹	8.3	-1.70	6.74	7.70
7 4.7p		3.13	8.03	9.7	9.65 ¹⁰	9.6	-1.60	8.05
8 3.8		3.38	7.38	9.3	9.20 ¹¹	9.1	-1.75	7.45
9 3.9		3.36	7.46	9.3	9.25 ¹⁰	9.2	-1.74	7.51
9a 4.7		3.13	8.03	9.6	9.65 ⁰¹	9.7	-1.60	8.05
10 6.5		2.45	9.15	10.0	10.00 ⁰⁰	10.0	-1.37	8.63
11 6.6		2.40	9.20	7		7		
12 6.3	6.45 ¹⁰	6.4	2.54	8.99	10.0	10.00 ⁰⁰	-1.37	8.63
13 5.7	5.80 ¹¹	5.7	2.80	8.60	10.0	9.95 ⁰¹	-1.40	8.55
14		7.4	2.19	9.59				
15		7.7	2.11	9.81				
16		8.1	2.02	10.12				
17		7.9	2.07	9.97				
18		7.9	2.07	9.97				
19		8.4	1.98	10.38				
Remeas. Feb. 22, 1917, 19a		8.4	1.98	10.88				
89 20		9.1	2.00	11.10				
86 21		8.7	1.97	10.67				
92 22		9.3	2.02	11.32				
error of unit in prev. meas. 23		9.5	2.07	11.57				
24		9.5	2.07	11.57				
25		9.2	2.00	11.20				

* w. units assumed.
Examined by O. July 2, 1917.
Could not possibly be 9.5 or 9.3.

* no units assumed.

Examined by O. July 2, 1917.
Could not possibly be 9.5 or 9.3

Wednesday, December 20, 1916

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YELLOW

Scale m	mc 4705 (cont)		
	sc.1	sc.2	Cur magn
26	9.7	2.16	<u>11.86</u>
27	^{9.7000} 9.7	2.16	<u>11.86</u>
28	^{9.7000} 9.9	2.30	<u>12.20</u>

Wednesday, December 20, 1916

YELLOW

Scale m	mc 4706	Pole		
	sc.1	sc.2	sc.1 ^g sc.2	sc.1 ^h sc.2
1			5 P	
4			5 P	
5	B		7.8	7.75 ^{0.1} 7.7
6	B		8.6	8.70 ^{0.1} 8.8
7	3.9		9.3	9.20 ^{0.1} 9.1
8	4.7		9.5	9.50 ^{0.1} 9.5
9	5.9		10.0	10.00 ^{0.1} 10.0
10	6.1	6.30 ^{0.1}		
11	6.9	7.10 ^{0.1}		
12		7.4		
13		7.9		
14		8.2		
15		8.7		
16		8.9		
17		9.1		
18		9.5		
19		9.6		
20		9.8		
21	9.9	9.90 ^{0.1}		
22	10.0	10.00 ^{0.1}		

See page 180

1.00

YELLOW

Wednesday, January 3, 1917

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11.20

Sheet no 342

Series mc 188

Scale m	mc 4706	Pole	g	h
Sc.1	Sc.2	^{47 12} ₁₉₄	Sc.1	Sc.2
5 B			8.1	8.00 ¹² 7.9 7.75 7.88 ^{12 13} -1.45
6 B			8.7	8.70 ⁰⁰ 8.7 8.50 8.60 ^{10 10} -1.62
7 J. P.			9.3	9.25 ¹⁰ 9.2 9.15 9.20 ^{05 05} -1.74
8 ^{4.8} 4.6		48 4.80 ⁰⁰	9.6	9.65 ⁰¹ 9.7 9.30 9.48 ^{17 17} -1.45
9 ^{5.9} 5.7		5.9 5.90 ⁰⁰	10.0	10.0 ⁰⁰ 10 9.90 9.95 ^{05 05} -1.21
10 ^{6.1} 5.9	6.20 ¹¹	6.3 6.1 6.15 ^{05 05}		
11 ^{6.9} 6.7	6.85 ¹⁰	6.8 6.85 6.85 ^{00 00}		
12	7.5	7.15 7.32 ^{18 17}		
13	7.8	7.9 7.85 ⁰¹		
14	8.2	8.1 8.15 ⁰¹		
15	8.6	8.5 8.55 ⁰¹		
16	8.8	8.8 8.80 ⁰⁰		
17	8.9	8.9 8.90 ⁰⁰		
18	9.4	9.4 9.40 ⁰⁰		
19	9.6	9.7 9.65 ⁰¹		
20	9.8	9.8 9.80 ⁰⁰		
21	9.9	9.8 9.90 ^{01 01}		
22	10.0	9.9 9.90 ^{02 02}		

Wednesday, Jan 3, 1917

YELLOW

S cale m	mc4707	D m	$10^h 10^m + 7.5$	Red. corr +.07
	Sc.1	Sc.2	Sc.1 ^g Sc.2 ^h	
1	4.9 4.7	3.22	8.12	9.5 9.50 ⁰⁰ 9.5 -1.50 8.00
2	6.4 6.2	2.63	9.03	7 7
3	6.6 6.4 6.65 ⁰¹	6.7 2.54	9.19	
4	6.9 6.7 6.90 ⁰⁰	6.9 2.45	9.35	
5		8.1 2.12	10.22	
6		8.3 2.10	10.40	
7		8.7 2.09	10.79	
8		8.7 2.09	10.79	
9		9.2 2.17	11.37	
10		9.2 2.17	11.37	
11		9.6 2.30	11.90	
12	9.58 ⁰¹ 9.6	9.5 2.29	11.84	
13	9.9 9.90 ⁰⁰	9.9 2.50	<u>12.40</u>	

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YELLOW

Scale m	mc 4708	Dm	10^h	10^m	+12.5	alt. corr + 0.9				
	sc.1	sc.2	Cu magn	sc.1	sc.2	sc.1	sc.2			
1	B			8.7	8.70°	8.7	-1.64	7.06		
2	3.8			9.2	9.20°	9.2	-1.60	7.60		
3	5.1	5.40°	5.5	3.02	8.42	9.7	9.70°	9.7	-1.36	<u>8.34</u>
4	6.7	6.70°	6.7	2.51	9.21	9.9	9.95°	10.0	+	
5		7.6	2.24	9.84						
6		7.9	2.16	10.06						
7		8.6	2.09	10.69						
8		9.1	2.14	11.24						
9		9.2	2.17	11.37						
10		9.6	2.30	11.90						
11		9.6	9.6	2.30	11.90					
12		9.9	9.95°	10.0	2.50	<u>12.45</u>				

YELLOW

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Scale m	mc 4709	D m	$10^h 10^m + 17.5$	alt. corr. +10						
	Sc.1	Sc.2	ln	Magn	Sc.1	Sc.2	Sc.1	Sc.2	ln	Magn
1	^{3.9} 3.7		.		9.3		9.30"	9.3	-1.59	7.71
2	^{5.0} 4.8		3.18	8.18	9.7		9.65"	9.6	-1.40	8.25
3	^{5.9} 5.7	^{5.80"} 5.7	2.85	8.65	9.8		9.75"	9.7	-1.30	<u>8.45</u>
4	^{6.8} 6.6	^{6.75"} 6.7	2.50	9.25	7			7		
5		7.8	2.18	9.98						
6		8.3	2.10	10.40						
7		8.7	2.09	10.79						
8		9.1	2.15	11.25						
9		9.2	2.17	11.37						
10		9.7	2.35	<u>12.05</u>						
11	^{9.80"} 9.8	9.8	2.41	<u>12.21</u>						
12	^{9.95"} 10.0	9.9	2.50	<u>12.45</u>						
13										

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Wednesday, Jan. 3, 1916⁷

YELLOW

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Scale m	mc 4711	D _b	11 ^{hr} 00 ^m - 15.0	Alt. corr - .10						
	Sc 1	Sc 2	Sc 1	Sc 2	Sc 1	Sc 2	Alt	Magn		
1	B		8.4 _p	8.15 ^{2.3}	7.9 _p	-1.54	6.51			
2	B		9.2	9.15 ¹	9.1	-1.62	7.53			
3	B		8.3	8.25 ¹⁰	8.2	-1.56	6.69			
4	B		7.4	7.50 ¹	7.6	+	.			
5	3.9		9.7	9.65 ¹⁰	9.6	-1.40	8.25			
6	3.9		9.8	9.75 ⁰¹	9.7	-1.30	8.45			
7	3.7		9.4	9.55 ^{3.1}	9.7	-1.50	8.05			
8	3.8		9.4	9.45 ⁰¹	9.5	-1.37	7.88			
9	4.8	3.18	8.18	9.9 ⁰	9.9	+	.			
10	5.8	2.77	8.77	10.0	10.00 ⁰⁰	10.0	.	.		
11	5.7	2.81	8.71	10.0	10.00 ⁰⁰	10.0	.	.		
12	5.3	2.98	8.48	9.8	9.85 ⁰¹	9.9	-1.20	8.65		
13	6.6	2.48	9.28	7	7					
14	5.6	5.75 ⁰¹	5.7	2.86	8.61	9.9	9.90 ⁰⁰	9.9	.	
15	4.9	5.00 ¹¹	4.9	3.18	8.18	9.8	9.80 ⁰⁰	9.8	-1.26	8.54
16		7.4	2.30	9.70	7	7				
17	6.9	7.00 ¹¹	6.9	2.42	9.42					
18		8.2	2.11	10.31						
19		8.8	2.10	10.90						
20		8.1	2.12	10.22						
21		8.9	2.10	11.00						
22		9.3	2.20	11.50						
23		9.3	2.20	11.50						
24		8.8	2.10	10.90						
25		9.4	2.23	11.69						
26		9.7	2.35	12.05						
27		9.4	2.23	11.63						

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YELLOW

Scale m	MC 4711	(cont.)	
	sc.1	sc.2	lin magn
28		9.8	2.41 <u>12.21</u>
29		f	
30		10.0	2.55 <u>12.55</u>
31		9.8	2.41 <u>12.21</u>
32	7	9.9	2.50 <u>12.40</u>
33	10.0	10.0	2.55 <u>12.55</u>
34		f	

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YELLOW

Scale m	MC 4712	Pole	Sc. 1	g Sc. 2	Sc. 1	h Sc. 2
	Sc. 1	Sc. 2				
4				J.P.		
5	B		7.8	11.75°	7.7	
6	B		8.5	8.50°	8.5	
7	J.P.		9.2	9.15°	9.1	
8	4.8		9.3	9.30°	9.3	
9	5.9		10.0	9.90°	9.8	
10	6.1		7		7	
11	6.9	6.85°				
12	7.6	7.15°				
13		7.9				
14		8.1				
15		8.5				
16		8.8				
17		8.9				
18		9.4				
19		9.7				
20		9.8				
21	9.7	9.70°			9.7	
22	9.9	9.90°			9.9	

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YELLOW

Sheet no 346

11.10

Series MC 214

Scale m	MC 5013	Pole	Sc.1	P.C.	Sc.2	
	Sc.1	Sc.2	5018 p200			
1				5.9	6.2	6.15 ²¹ - 1.71
4					7.6	7.7 7.6 ⁰¹ - 1.79
5 B					8.4	8.4 8.40 ⁰⁰ - 1.97
6 B					8.9	8.9 8.90 ⁰⁰ - 1.92
7 B					8.9	9.3 9.10 ²² - 1.64
8	4.9 4.7		4.7 4.80 ¹¹	3.23	9.8	9.7 9.85 ⁰¹ - 1.82
9	6.6 6.4	6.55 ⁰¹	6.5 5.80 6.18 ^{37 28}	2.56		
10	6.8 6.6	6.70 ¹¹	6.6 6.50 6.60 ¹¹	2.28		
11		7.4	7.4 7.40 ⁰⁰	1.96		
12		7.6	7.7 7.65 ¹⁰	1.93		
13		8.3	8.4 8.35 ¹⁰	1.73		
14		8.6	8.5 8.55 ⁰¹	1.69		
15		8.9	9.2 9.05 ¹²	1.59		
16		9.1	9.4 9.25 ¹²	1.69		
17		9.3	9.3 9.60 9.45 ^{15 15}	1.59		
18		9.9	9.8 10.00 9.92 ^{09 08}	1.64		
19		7				

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YELLOW

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Scale m	mc 5014	C 5	9 ^h 00 ^m +15.0	act. corr. +.09					
	sc.1	sc.2	Cu	Magn	sc.1	P.C.	sc.2	Cu	Magn
1	B						7.8	-1.86	5.94
2	B						9.5	-1.78	7.72
3	B						8.4	-1.84	6.56
4	B						9.1	-1.81	7.29
4a	4.1 3.9p		3.65e	7.75			9.7	-1.76	7.94
5	5.0 4.8		3.07	8.07			10.0	-1.73	8.27
6	6.4 6.2		2.38	8.78			7		
7	3.9 3.7		.	.			9.7	-1.76	7.94
8	6.5 6.3		2.34	8.84					
9	5.7 5.5		2.70	8.40					
10	6.0 5.8		2.56	8.56					
11	6.6 6.4 6.65 ⁰¹		6.7 2.28	8.93					
12			7.3 2.04	9.34					
12a			7.7 1.92	9.62					
13	7.1 6.9 7.15 ¹⁰		7.2 2.10	9.25					
14	6.0 5.8 5.85 ²¹		5.7 2.62	8.47					
14a			8.5 1.72	10.22					
15			7.7 1.91	9.61					
16			9.2 1.64	10.84					
17			8.9 1.67	10.57					
18			9.2 1.64	10.84					
19			9.2 1.64	10.84					
20	9.85 ¹⁰ 9.9		9.8 1.63	11.48					
20a	9.90 ⁰⁰ 9.9		9.9 1.63	11.53					
21	10.00 ⁰⁰ 10.0		10.0 1.63	11.63					

YELLOW

Scale m	mc	5015	B ₄	9 ^h 20 ^m + 45.0	alt. corr +1.2				
	sc.1	sc.2	cu	magn	sc.1	P.C.	sc.2	cu	magn
1	B						9.3	-1.80	7.50
2	B						9.1	-1.82	7.28
3	B						7.9	-1.86	6.64
4	B						9.4	-1.79	7.61
5	B						9.7	-1.76	7.94
6	B						9.2	-1.80	7.40
7	4.8 4.6		3.19x	7.99			7		
8	3.8 3.6		.	.			9.7	-1.76	7.94
9	3.9 3.7		.	.			9.8	-1.75	8.05
9a	4.9 4.7		3.15	8.05			7		
10	6.5 6.3		2.35	8.85					
11	6.8 6.6		2.22	9.02					
12	6.3 6.1	6.35 ^{1.0}	6.4	2.40	8.75				
13	5.7 5.5	5.70 ^{0.0}	5.7	2.70	8.40				
14			7.7	1.92	9.62				
15			7.8	1.88	9.68				
16			8.5	1.72	10.22				
17			8.6	1.70	10.30				
18			8.2	1.77	9.97				
19			8.8	1.67	10.47				
19a			9.2	1.64	10.84				
20			9.8	1.63	11.43				
21	9.2 ^{9.15^{0.1}}		9.1	1.65	10.80				
22	9.8 ^{9.80^{0.0}}		9.8	1.63	11.43				
23			7						

Saturday, January 6, 1917

YELLOW

Scale m	mc 5016	DM	$9^h 40^m + 10.0$	Alt. corr +.07
	Sc.1	Sc.2 Cu Magn	Sc.1 P.C.	Sc.2
1 B				8.5 -1.84 6.66
2	4.1 p ^{3.2} 4.35	4.6 p 3.50	7.85	10.0 -1.73 <u>8.27</u>
2a	6.2 p ^{3.1} 6.35	6.5 p 2.40	8.75	
2b		7.4 2.02	9.42	
3		8.3 1.76	10.06	
3a		8.8 1.68	10.48	
4		8.7 1.69	10.39	
4a		8.9 1.67	10.57	
5		9.3 1.64	10.94	
5a		9.5 1.64	11.14	
6	^{9.60} 9.6	^{9.60} 9.6 1.64	11.24	
7	^{9.95} 10.0	^{9.95} 9.9 1.63	<u>11.58</u>	

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YELLOW

Scale m	MC 5017		DM		9 ^h 40 ^m +30.0	alt. com +.11	
	Sc.1	Sc.2	Cu	Magn	Sc.1 P.C.	Sc.2	Cu Magn
1	B					9.7	-1.76 <u>794</u>
2	^{5.6} 5.4	5.60	5.6	2.74		7	
3		7.3	2.04	9.34			
4		7.7	1.92	9.62			
5		8.1	1.80	9.90			
6		8.4	1.75	10.15			
7		9.1	1.65	10.75			
8		9.2	1.64	10.84			
9		9.3	1.64	10.94			
10		9.4	1.64	11.04			
11	9.7	9.9	1.63	<u>11.33</u>			
12	^{9.90} 9.9	9.9	1.63	<u>11.53</u>			

Saturday, January 6, 1917

YELLOW

Scale m	MC 5018		Pole	
	Sc. 1	Sc. 2	Sc. 1 P.C.	Sc. 2
4				7.7
5 B				8.4
6 B				8.9
7 B				9.3
8	^{4.7} 4.5			9.9
9	^{5.2} 5.7	^{5.80''} 5.7		
10	^{6.6} 6.4	^{6.50''} 6.4		
11		7.4		
12		7.7		
13		8.4		
14		8.5		
15		9.2		
16		9.4		
17	9.7	^{9.60''} 9.5		
18		^{10.00''} 10.0		

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YELLOW

Monday, January 8, 1917

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Sheet no 346

11.15

Series mc 214

Scales m	mc 5018	Pole		
	Sc.1	Sc.2	Sc.1 P.C.	Sc.2
4				7.6 7.7 7.65 ⁰¹ -1.79
5 B				8.4 8.3 8.35 ⁰¹ -1.92
6 B				9.1 8.9 9.00 ¹¹ -2.02
7 B				9.3 9.2 9.25 ¹⁰ -1.79
8	4.7 4.5 5.9	4.5 4.60 ¹¹ 5.75 5.80 ^{05 05}	3.43	9.8 9.8 9.80 ⁰⁰ -1.77
9	5.7 5.85 ¹⁰	5.8 5.75 5.80 ^{05 05}	2.94	7
10	6.6 6.4 6.65 ⁰¹	6.7 6.45 6.55 ^{10 10}	2.33	
11		7.4 7.4 7.40 ⁰⁰	1.96	
12		7.7 7.5 7.60 ¹¹	1.98	
13		8.3 8.3 8.30 ⁰⁰	1.78	
14		8.6 8.7 8.65 ⁰¹	1.59	
15		9.1 9.1 9.10 ⁰⁰	1.54	
16		9.5 9.3 9.40 ¹¹	1.54	
17	9.6 9.55 ⁰¹	9.5 9.40 9.48 ^{07 08}	1.56	
18	10.0 10.00 ⁰⁰	10.0 9.95 9.98 ^{02 03}	1.54	

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YELLOW

Scale m	mc 5020	DM	11 ^h 00 ^m 0.0	alt. cor +.03
	sc.1	sc.2	cu magn sc.1 P.C	sc.2 cu magn
1	B			92 -1.87 7.33
2	^{3.9} 3.7p			9.6 -1.91 7.79
3	^{3.9} 3.7p			9.5 -1.84 7.66
4	^{5.6} 5.6	^{5.80} 5.8	2.83	8.63
5	^{6.9} 6.7	^{6.80} 6.7	2.27	10.07
6		7.5	1.98	9.48
7		7.7	1.91	9.61
8		8.2	1.78	9.98
9		8.6	1.68	10.28
10		9.1	1.59	10.69
11		9.4	1.57	10.97
12	^{9.70} 9.7	9.7	1.57	11.27
13	^{9.85} 9.8	9.9	1.59	11.44

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YELLOW

Scale m	MC 5021	Dm	11 ^h 00 ^m + 5.0	alt. corr. +.06				
	Sc.1	Sc.2	Lu	Magn	Sc.1	P.C.	Sc.2	
1	^{3.9} 3.7		.				9.6	-1.81 7.79
2	^{2.1} 6.9 7.10 ⁰⁰	7.1	2.10	9.20				
3	^{6.9} 6.7 6.90 ⁰⁰	6.9	2.20	9.10				
3a		7.7	1.91	9.61				
3b		8.2	1.78	9.98				
4		8.6	1.68	10.28				
4a		8.9	1.61	10.51				
5		9.4	1.57	10.97				
6		9.6	1.57	11.17				
7		9.5	1.57	11.07				
8	^{9.70⁰⁰} 9.7	9.7	1.58	11.28				
8a	^{9.95^{1.0}} 9.9	10.0	1.59	11.54				

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YELLOW

Lopid B 23:106

Scale m	mc 5022	C6	11 ^h 00 ^m + 15.0	Ret. corr +.09
	Sc.1	Sc.2	En Magn	Sc.1 P.C. Sc.2 En Magn
1	B			8.6 -1.90 6.70
2	off plate			
3	B			8.9 -1.89 7.01
4	B			8.8 -1.90 6.90
5	B			9.3 -1.86 7.44
6	^{3.9} 3.7			9.7 -1.80 7.90
7	^{3.7} 3.5			9.8 -1.77 7.63
8	^{3.9} 3.7			9.4 -1.85 7.55
9	^{3.9} 3.7			9.7 -1.80 7.90
10	B			9.3 -1.86 7.34
10a	^{5.8} 5.6	2.82	8.62	10.0 -1.73 8.27
11	^{6.8} 6.6 6.80°	6.8 2.26	9.06	7
12	^{4.7} 4.5 4.70°	4.7 3.37	8.07	9.9 -1.76 8.14
13	^{5.9} 5.7 6.00°	6.1 2.70	8.70	7
14		7.6 1.94	9.54	
14a		7.6 1.94	9.54	
15	^{5.9} 5.7 5.90°	5.9 2.77	8.67	
16		8.4 1.73	10.13	
17		8.7 1.67	10.37	
18		9.2 1.58	10.78	
19		8.6 1.67	10.27	
20		9.1 1.59	10.69	
21		9.2 1.58	10.78	
22		9.5 1.57	11.07	
23		9.7 1.57	11.27	
24	^{9.65°} 9.6	9.7 1.57	11.27	
25	7	9.9 1.59	11.49	

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YELLOW

Scale m	mc 5023	D m	11 ^h 00 ^m + 25.0	add. corr +.11
	Sc.1	Sc.2	ln	magn
1	B			
2	^{4.9} 4.7	^{4.90"} 4.9	3.28	8.18
3	^{5.7} 5.7	^{5.85"} 5.8	2.80	8.65
4		7.4	2.02	9.42
5		7.7	1.91	9.61
6		8.2	1.78	9.98
7		8.6	1.68	10.28
8		8.9	1.61	10.51
9		8.8	1.63	10.43
10		9.3	1.57	10.87
11	^{9.65"} 9.7	9.6	1.57	11.22
12	^{9.90"} 9.9	9.9	1.59	<u>11.49</u>

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Monday, January 8, 1917

YELLOW

Scale m	MC 5024		Pole		
	Sc.1	Sc.2		Sc.1 P.C.	Sc.2
4					7.7
5	B				8.3
6	B				8.9
7	B				9.2
8	^{4.5} 4.3				9.8
9	^{5.8} 5.6	^{5.75°} 5.7			
10	^{6.4} 6.2	^{6.45°} 6.5			
11		7.4			
12		7.5			
13		8.3			
14		8.7			
15		9.1			
16		9.3			
17	^{9.40°} 9.5	9.3			
18	^{9.95°} 10.0	9.9			

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YELLOW

Wednesday, February 28, 1917

10.55

Rel. Magnitude no 9

Scale m

mc 10554 DM

7^h 30^m 10^s -12.5

	Sc.1	Sc.2	Diff. Le BK 5.74		Sc.1	P.C	Sc.2
1	3.4 ^{5.6}		4.24				9.4 -1.36
2	5.1 ^{5.3}	5.35 ^{1.0}	3.40				9.8 1.30
3	3.7 ^{3.2}		4.18				9.7 -1.40
4		7.7	2.45				
5		8.4	1.97				
6		8.6	2.21				
7		9.4	1.94				
8		9.7	2.25				
9		9.7	2.25				
10		9.8	2.16				
11	10.0 ^{10.00}	10.0	2.03				
12	9.8 ^{9.800}	9.8	2.03				
13	9.9 ^{9.951.0}	10.0	2.65				
14	9.9 ^{9.900}	9.9	2.06				
15	9.8 ^{9.800}	9.8	2.10				
16	10.0 ^{9.9611}	9.8	2.13				

	g	Diff Images	h	
	Sc.1	Sc.2	Sc.1	Sc.2
1	9.3	9.25 ^{1.0}	9.4	-1.40
2	9.8	9.90 ^{1.1}	10.0	-1.17
3	9.4	9.45 ^{0.1}	9.5	-1.36

See BR.6:74

YELLOW

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Rel. Magn. from 2nd Sequence. See Previous Page.

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Scale m	MC10554	N.G.C. 2422	17 h 30 m 10 s -12.5	alt corr -10
	Sc.1	Sc.2	Cur	Rel Magn
2	off plate			
3	5.2 ^{5.4} p	3.38	8.98	
4	5.7 ^{5.9} p 6.1 ^{6.2} 6.3p	3.04	9.14	
5	6.9 ^{7.1} 7.15 ^{7.2} 7.2	2.58	9.73	
6	B		6.9	
7	B		6.7	
8	B			
9	B			
10	B			
11	B			
12	J.P.			
13	B			
14	B			
15	B			
16	3.8 ^{3.9} 3.6 ^{4.9}	4.16	9.96	
17	4.7 ^{5.6}	3.65	8.55	
18	5.4 ^{5.7}	3.28	8.88	
19	3.7 ^{3.9}	4.12	8.02	
20		7.4	2.49	9.89
21		7.7	2.38	10.08
22	6.6 ^{6.6} 6.6 ^{6.6} 6.6	2.82	9.42	
23	5.8 ^{5.8} 5.7 ^{5.7}	3.22	8.97	
24		7.7	2.38	10.08
25		8.6	2.08	10.68
26		8.2	2.20	10.40
27		9.6	2.07	11.67
28		9.8	2.10	11.90
29		7		

Superposed

8.4

8.1

8.6

9.4

9.4

9.4

9.6

9.9

J.P.

9.6

-1.40

-1.40

-1.40

-1.37

-1.30

-1.37

8.00

8.00

8.00

8.23

8.60

8.23

Wednesday, Feb. 28, 1917

209

YELLOW

Scale m MC 10554 (cont.)

	sc1	sc2	cu	rel magn
23		10.0	2.14	<u>12.14</u>
24	9.8 ^{9.85⁰¹}	9.9	2.13	<u>11.97</u>
25	10.0 ^{10.00⁰⁰}	10.0	2.14	<u>12.14</u>

cu rel
magn

diff. Images

	g	sc1	sc2	sc1	sc2		
1	6.5 ^{6.7}	6.75 ¹⁰	6.6 ^{6.8}				
2	J.P.		J.P.				
3	8.4	8.25 ²¹	8.1				
4	7.7	7.75 ¹⁰	7.8				
5	8.2	8.25 ⁰¹	8.3				
6	J.P.		J.P.				
7	9.4	9.35 ⁰¹	9.3	-1.37		7.98	
8	9.3	9.32 ⁰⁰	9.3	-1.38		7.92	
9	9.4	9.30 ¹¹	9.6	-1.34		8.16	
10	9.7	9.80 ¹¹	9.9	-1.24		8.56	
11	10.0	10.0	J.P.	-1.13		8.87	
12	9.5	9.50 ⁰⁰	9.5	-1.34		8.16	

11.35

Saturday, March 3, 1917

1.35

H.S. Lo Variable +17° 736

Blue
Comparison Stars

m mc 7836 11.2

7 = 10.7

8a = 11.6

ac 16018 12.4

9 = 12.0

10 = 12.3

ac 16110 11.2

11 = 12.8

12 = 13.0

ac 15986 n.s. ≤ 12.8

13 = 13.2

14 = 12.9

mc 9366 13.3

15 = 13.5

16 = 13.6

md 9836 11.9

(yellow)
assumed mag.

8a = 10.8

md 9749 11.8

10 = 11.2

md 9809 < 12.0

mc 8075 11.9

color index

mc 9836
(yellow)

8a 3 8

11.0

0.9

8 2 10

mc 9809
(yellow)

8a 3 8

11.1

> 0.9

8 1 10

2.35

mc 9749
(yellow)

8a 3 8

11.0

0.8

8 2 10

Color Index = 0.9

1916phae.proj.1023L