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Observing Book 31,
— B Series. —
Mollie O'Reilly Sloan.

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Although measures in this book and in all of my books were recorded in order of brightness, the stars are measured in as irregular order as possible in order to obtain independent results.

Sept 11, 1918.

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4

Sheet 152

Monday January 13, 1919.

Scale m. B Series 352.

1155 B 48776. C1–

	Sc 1	Sc 2			g	h		Pc Sc 2
					Sc 2			
					7.35	0 1		
1	B			.	7.4	7.3	−0.17	8.6 − 1.42
2	/			.	7.2	9		
	3.8				7.45	1 0	+9.19	8.7 − 1.31
3	3.6			3.70	7.5	7.4	0.05	8.8 − 1.30
4	B			.	9	9	.	
	5.3				8.35	1 0		9.3 − 1.34
5	5.1	5.2	5.25	1 0 3.08	8.3	8.4	−0.02	9.5 − 1.17
7a	5.8 5.6	5.7	5.75	0 1 3.11	9.10	0 0		10.1 − 1.24
	6.1				9.1	9.1	0.18	ms. .
9	5.9	6.2	6.15	1 0 3.13	9.30	0 0		
	6.6				9.3	9.3	0.39	
11	6.4	6.5	6.55	0 1 3.14				
	7.0				10.0	7.	0.02	
12	6.8	7.1	7.05	0 1 2.97	ms	ms.		
13a		7.6		2.84			.	
14		7.6		3.02				
15		7.9		3.14				
16		8.1		3.10				
17		8.2		3.30				
18		8.7		3.24				
19		8.7		3.51				
		9.30	0 0					
20		9.3	9.3	3.32				
		9.45	1 0					
21		9.5	9.4	3.44				
		9.90	1 1					
24		9.8	10.0	3.68				
		10.10	0 0					
25		10.1	10.1	3.66				
26		10.1	7.	4.02				
27		ms.		.				

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B 48777- D1-

		pc.1	pc.2	pc.2	Cu		pc.2		
1		B			.		9.19	− 1.38	7.72
2		B.			.		9.3	− 1.34	7.96
3		|			.		9.3	− 1.34	7.96
4		|			.		9.3	− 13.4	7.96
5	4.6 4.4				3.51	8.11	9.4	− 1.32	8.08
6	5.0 4.8				3.42	8.42	9.1	− 1.30	8.40
7	9	9			.	.	9.8	− 1.29	8.51
8	5.6 5.4	5.5	555	01	3.31	8.86	~~10.0~~ W.S.		.
9	5.4 5.2	5.4	5.40	00	3.34	8.74			
10	5.7 5.5	5.7	5.70	00	3.29	8.99			
11	6.5 6.3	6.3	6.40	1 L	3.14	9.54			
12	6.3 6.1	6.5	6.40	L 1	3.14	9.54			
13	6.6 6.4	6.8	6.70	L 1	3.11	9.81			
14	7.0 6.8	1.0	7.00	00	3.08	10.08			
15	7.0 6.8	7.2	7.10	L 1	3.07	10.17			
16		7.4			3.06	10.46			
16a		7.4			3.06	10.46			
17		7.6			3.07	10.67			
18		7.9			3.09	10.99			
19		7.9			3.09	10.99			
20		8.1			3.11	11.21			
21		8.2			3.13	11.33			
22		8.4			3.16	11.56			
23		8.6			3.20	11.80			
24		8.6			3.20	11.80			
25		8.7			3.22	11.92			
26		9.1			3.30	12.40			

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Scale M. B Series 852.

B 48777 D1

	SO2	SC2	Cw.	
	9.25	10		
27	9.3	9.2	3.34	12.59
	9.45	9.5		
28	9.4		3.40	12.85
	9.70	00		
29	9.7	9.7	3.50	13.20
	970	00		
30	9.7	9.7	3.50	13.20
	985	01		
31	9.8	99	3.52	13.37
32		9	,	,
33		N.S.	,	,

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Scale m. B Series 352-

B 4877 87 E+= D1 Diffr. Im.

	sc 1	sc 2		sc 1	sc 2	Cu.	
1	q			q		0.07	7.77
2		q			7.7		
3		8.1			q	0.04	8.14
4		q			8.1	0.04	8.14
5		8.1	8.10	00	8.1	0.04	8.14
6		8.4	8.40	00	8.4	0.04	8.44
7		q			q	"	"
8		8.5	8.50	00	8.5	0.04	8.54
9		8.7	8.75	10	8.8	0.05	8.80
10		8.8	8.80	00	8.8	0.05	8.85
11		9.5	9.45	10	9.4	0.10	9.55
12		9.3	9.35	10	9.4	0.09	9.44
13		9.8	9.80	00	9.8	0.15	9.95
14		9.9	9.90	00	9.9	0.16	10.06
15		+			+	"	"
16							
17							
18							
19							
20							
21							
22							
23							

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Scale m-

B Series 352-

Alt Corr +01

B 48778 E1-

J.C.

	sc.1	sc.2				sc.2		
1	B		.			8.7	– 1.40	7.30
2	B		.			8.8	– 1.40	7.40
3	B		.			8.7	– 1.40	7.30
4	4.1 3.9		3.63	7.73		8.9	– 1.40	7.50
5	B.		.	.		9.1	– 1.38	7.72
6	B		.	.		9.3	– 1.34	7.96
7	q	5.1	3.41	8.51		9.8	– 1.29	8.51
8	5.6 5.5 4	5.6	560 00	3.30	8.90	9.8	– 1.29	851
9	q 5.0	q	.	.	.	9.8	– 1.29	8.51
10	4.8 4.6 4.8	5.1 5.0	490 1 11	3.44	8.34	9.7	– 1.34	8.06
11	6.0 5.8	6.1	605 01	3.21	9.26	ms.	.	.
12	5.7 5.5	5.6	565 10	3.30	8.95			
13	6.6 6.4	6.5	655 01	3.13	9.68			
14	7.0 6.8	6.9	695 01	3.09	10.04			
15	7.1 6.9	7.1	7.10 00	3.07	10.17			
16	7.1 6.9	7.2	715 10	3.07	10.22			
17		7.5		3.06	10.56			
18		7.8	7.95 2 1 8.1	3.09	11.04			
19		8.3		3.14	11.44			
20		8.4		3.17	11.57			
21		8.4		3.17	11.57			
22		8.7		3.22	11.92			
23		8.7		3.22	11.92			
24		8.8		3.25	12.05			
25		9.2		3.34	12.54			
26		9.3		3.36	12.66			

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Scale m B Series 352-

B 48778 E1-

		pg. 2		
27	9.4		3.40	12.80
28	10.0		3.66	13.66
29	4.		,	,
30				

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Scale m-

B Series 352.

B 48778 E1- Diffr. Inv.

	q sc.1	q sc.2	h sc.1	h sc.2		
1	q		7.2		0.12	7.32
2	q		q		,	,
3	7.1	7.10 00	7.1		0.13	7.23
4	7.3		q		0.10	7.40
5	q		q		,	,
6	7.8	7.80 00	7.8		0.06	7.86
7	q		q		,	,
8	q		8.5		0.04	8.54
9	q		q		,	,
10	8.3		q		0.04	8.34
11	9.1	9.25 1.20	9.4		0.08	9.33
12	8.8		q		0.05	8.85
13	9.5		q		0.10	9.60
14	9.9		q		0.16	10.06
15	9.9		q		0.16	10.06
16	7.		7.		,	,
17						
18						
19						
20						
21						
22						

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Scale m. B Series 352. Alt Con. -.02

B 48779 Carte 1 – 51.5

	sc.1	sc.2	sc.2	Cu		Diffr. Im. q	h			P.C. sc.2
						9.40 00				
1	B 5.6	q		.		9.4	9.4	0.09	9.49	q.
2	5.4	5.5	555 01	3.31	8.86	q	9.7	0.13	9.83	m.s.
3		7.1		3.07	10.17	m.s	m.s.	.	.	
4		7.3		3.06	10.36					
5		7.4		3.06	10.46					
6		7.8		3.08	10.88					
7		8.1		3.11	11.21					
8		8.1		3.11	11.21					
9		8.4 8.60 00 86		3.16	11.56					
10		8.6	9.3	3.20	11.80					
11		9.1 9.20 1 1	9.3	3.34	12.54					
12		9.4 9.30 1 1	9.2	3.36	12.66					
13		10.0 990 1 1	9.8	3.61	13.51					
14		f	f		.					
15		m.s	m.s		.					

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Scale m

Ⓑ Series 352

Alt Constds

Ⓑ 48780 Carlé .2 – 9.5

	pc.1	pc.2		Cu.		g	h pc.2			Pc pc.2
1	6.0 5.8	6.0	600 00	3.22	9.22	9.5	9.2	0.12	9.62	7.
2	6.5 6.3	6.4	6.45 10	3.13	9.58	9.2	9.9	0.16	10.06	
3	6.5 6.3	6.4	6.45 10	3.13	9.58	7	7	.	.	
4		7.5		3.06	10.56					
5		8.2		3.13	11.33					
6		8.3		3.14	11.44					
7		8.3		3.14	11.44					
8		8.4		3.16	11.56					
9		8.6		3.20	11.80					
10		8.7		3.22	11.92					
11		9.2	9.20 00	3.34	12.54					
12		9.2	9.2 9.70 00	3.34	12.54					
13		9.7	9.7	3.51	13.21					
14		9.9	9.9 9.95 10	.	.					
15		9.9	10.0 9.90 00	3.65	13.60					
16		9.9	9.9	3.61	13.51					
17		10.0	7.	3.66	13.66					
18		7.	7.	.	.					

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Scale m. B Series 352- Alt Corr +06

B 48 781 Carte 2 -23.5

	sc.1	sc.2	sc.2	Cu.		Diff. Im. g	h		T.C. sc.2
1	B.	B.		.		7.5	9	0.09 7.59	9.1 - 1.38 7.72
2	5.5 5.7	5.6	5.65	1 0	3.30 8.95	8.7 9.40	9 1	0.05 8.75	7. . .
3	6.1 6.3	6.3	6.30	0 0	3.17 9.47	9.3	9.5	0.09 9.49	
4	6.9 7.1	7.2	7.15	1 0	3.07 10.22	ns	ns.	. .	
5		7.9			3.09 10.99				
6		7.8			3.09 10.89				
7		7.9			3.08 10.78				
8		8.0			3.10 11.10				
9		8.4			3.16 11.56				
10		8.4			3.16 11.56				
11		8.5			3.19 11.69				
12		8.8			3.25 12.05				
13		9.0			3.28 12.28				
14		9.1	9.1	9.10 0 0	3.31 12.41				
15		9.3	9.3	9.30 0 0	3.36 12.66				
16		9.1	9.2	9.15 1 0	3.32 12.47				
17		9.4	9.6	9.50 1 1	3.43 12.93				
18		9.8	9.8	9.80 0 0	3.56 13.36				
19		7.	7		. .				
20		7.	7		. .				

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Scale m -

B Series 3521.

Alt Con 103

B48782 Carte 2 - 40.5

	sc.1	sc.2	sc.2	Cu.		Diffr. 2m. g	h			PC sc.2	
						8 10 00					
1	B.	B		.		8.1	8.1	0.05	8.15	9.4 – 1.34	8.06
	5.4					8 80 00					
2	5.2	5.6	5.50	1.1	3.32	8.82	8.8	8.8	0.05	8.85	10.0 – 1.25	8.75
	5.7					9 10 00					
3	5.5	5.7	5.70	00	3.29	8.99	9.1	9.1	0.06	9.16		
	6.0					9 25 01					
4	5.8	6.1	6.05	01	3.22	9.27	9.2	9.3	0.08	9.33		
							+	1.	.	.		
5		7.3			3.06	10.36						
6		7.5			3.06	10.56						
7		7.6			3.07	10.67						
8		7.9			3.09	10.99						
9		8.1			3.11	11.21						
			8 45	01								
10		8.4	8.5		3.17	11.62						
			8 70	00								
11		8.7	8.7		3.22	11.92						
			9 10	11								
12		9.2	9.0		3.30	12.40						
			9 50	1.1								
13		9.4	9.6		3.43	12.93						
			9 75	1.0								
14		9.7	9.8		3.54	13.29						
~~15~~												

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Scale m-

B Series 352.

Alt Conv -15

B 48783 Carte 2 -645

	sc.1	sc.2				Diff. Im. g	h		P.C. sc.2		
1	B.	B	,	,		9.7	7.4	0.10	7.50	8.9	-1.39	7.51
2	B	B	,	,		7.8	8.1	0.05	8.00	9.4	-1.34	8.06
3	4.6	5.1	5.00	2.11	3.42	8.42	8.6	8.7	0.08	8.70	ns	,	,
4	5.1	6.1	6.00	1.1	3.21	9.21	9.4	9.5	0.10	9.55			
5	6.6	6.8	6.80	00	3.10	9.90	10.0	f.	0.19	10.19			
6		7.3			3.06	10.36	ns	ns.	,	,			
7		7.8	7.85	01	3.08	10.93							
8		8.6			3.20	11.80							
9		8.8			3.24	12.04							
10		9.4	9.40	00	3.40	12.80							
11		9.8	9.80	00	3.57	13.37							
12		9.9	9.85	10	3.58	13.43							
13		f.	f.	,	,								
14		~~f.~~ 100	f.	,	,								
15													

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Sheet 152

Monday January 13, 1919

Scale m

B Series 352

B 48184 C 2.

	pc.1	pc.2			Diffr.lm. g h			P.C. pc.2
1	B			.	q	q	.	8.5 − 1.56
2	B.			.	9.760 00 9.6	7.1 7.6	0.14 0.04	8.7 − 1.46
3	B.			.	8.10 00 8.1	8.1	0.10	9.3 − 1.66
4	4.6 4.7 4			360	855 10 8.5	8.6	0.12	9.6 − 1.40
6	5.3 5.1	5.3	5.30 00	337	9.10 00 9.1	9.1	−0.04	
7	5.3 5.1	5.5	5.40 1	366	935 10 9.3	9.4	0.00	
10	5.9 5.7	5.1	5.80 1	355	q q obstructed.			
11	6.5 6.3	6.5	6.50 00	324	10.1? q		−0.05	
12	6.7 6.5	6.8	6.75 10	321	f f.		.	
12 7a		7.3		311				
14		7.7		309				
16		8.1		308				
17		8.4		303				
19		8.8		303				
21		8.8 8.95 21	9.1	339				
22		9.2 9.25 01	9.3	325				
23		9.3 9.40 1.15	9.7	339				
25		9.6 9.65 01	9.7	345				
26		10.0 10.05 01	10.1	362				
29		f	f.	.				
28								
9a	6.5 6.3							
9c	5.2 5.0				8.70 00 8.7	8.7		
9b	6.7 6.5							

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Shut 152

Tuesday January 15, 1918

Scale M.

B Series 352.

9.10 B 48784 .C2

	Pc.1	Pc.2		Diffr. Inv. pc.1 pc.2		Pc pc.2
1	B		.	9.5 6.7 7.25 6.1	0.24	8.6 – 1.66
2	B.		.	7.2 7.3 7.60 00	−0.01	8.6 – 1.36
3	B		.	7.6 7.6 8.10 00	0.04	8.9 – 1.26
4	4.5 4.3		3.70	8.1 8.1 8.60 00	0.10	9.7 – 1.50
6	5.4 5.2	5.3	5.35 0 1 3.32	8.6 8.6 8.80 00	0.07	7? .
7	5.6 5.4	5.4	5.50 1 1 3.56	8.8 8.8 9.20 00	0.26	
10	5.9 5.7	5.9	5.90 00 3.45	9.2 9.2	0.15	
11	6.6 6.4	6.5	6.55 0 1 3.19	9.4 obs	0.04	
12	6.7 6.5	6.8	6.75 1 0 3.21	10.1 9.5	−0.14	
12a		7.3	3.11	↓ ↓	.	
14		7.6	3.19			
16		8.0	3.18			
17		8.2	3.23			
19		8.6	3.23			
21		8.9 8.90 00	3.44			
22		9.2 9.20 00	3.30			
23		9.5 9.50 00	3.29			
25		9.6 9.60 00	3.50			
26		10.0 10.00 00	3.67			
27		↓ ↓	.			
28		n.s. n.s.	.			

9a 6.5

9b 6.5

9c 4.9

8.6 8.7

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Tuesday January 14, 1918.

Cofnid 35; 152

Scale M. B Series 352. Mt Cam-02

B48785 Carte 3 – 515

	pc.1	pc.2		Cw.		g	h			pc. pc.2		
1	B.	5.1		3.54	8.64	8.5	9	−0.04	8.46	10.1	−1.44	8.66
2	5.8 (6.0)	6.1	6.05	0.1	3.32	9.37	9.1 (9.15 LO)	9.2	−0.02	9.13		
3	6.4 (6.6)	6.7	6.65	0.1	3.21	9.86	9	10.0	0.03	10.03		
4		7.3			3.13	10.43	ns	ns.	,	,		
5		7.9			3.11	10.81						
6		7.9			3.14	11.02						
7		7.9			3.14	11.01						
8		8.1			3.12	11.22						
9		8.3			3.13	11.43						
10		8.5 (8.50 00)	8.5		3.14	11.64						
11		8.8 (8.75 01)	8.7		3.19	11.94						
12		9.1 (9.10 00)	9.1		3.22	12.32						
13		9.3 (9.30 00)	9.3		3.26	12.56						
14		9.7 (9.70 00)	9.7		3.34	13.04						
15		7.	7.		,	,						

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Tuesday January 14, 1918. Copied 35: 104

Scale m. B Series 352 - Alt Counts

B 48186 Carte 3 - 31.5°

	sc.1	sc.2		Cu.		g	h			B.C. sc.2		
1	4.8			3.56	8.56	8.1	g	-0.02	8.08	9.4	- 147	7.93
2	5.3	5.5	5.50 00	3.45	8.95	8.6	8.5	-0.04	8.51	100?	- 144	8.56?
3	6.0	6.2	6.20 00	3.30	9.50	g	9.1	0.02	9.12			
4	6.2	6.4	6.40 00	3.26	9.66	9.7	9.6	0.00	9.50			
5	7.0	7.1	7.15 0 1/2	3.14	10.29	7	7.?	.	.			
6		7.8		311	10.91	ns	ns	.	.			
7		8.1		3.12	11.22							
8		8.2		3.12	11.32							
9		8.5	8.5	3.14	11.64							
10		8.9	9.1	3.20	12.20							
11		9.2	9.3	3.24	12.49							
12		9.5	9.6	3.31	12.86							
13		7.	7.	.	.							
14				.	.							
15												

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Sheet 88

Tuesday January 14, 1918

Scale m-

B Series 352.

B 4878.1 C2

	sc.1	sc.2			Diff. bm. q h		PC sc-
1	B.			,	7.1	q — 0.16	86 — 166
2	B			,	q	7.1 — 0.16	89 — 166
3	B			,	q 8.40	7.6 0.00	9.1 — 1.46
4	B.			,	8.4	8.4 — 0.20	9.5 — 1.30
6	5.2 5.0	5.1	5.15	0.1 3.52	8.8 8.80	q 0.0 — 0.13	10.2 17 ft — 1.43
7	5.3 5.1	5.2	5.25	1.0 3.81	8.8	8.8 0.26	
10	5.7 5.5	5.6	5.65	1.0 2.70	9.40	1.1 9.3 9.5 — 0.05	
11	6.4 6.2	6.5	6.45	0.1 3.29	10.0	q — 0.26	
12	6.8 6.6	6.9	6.85	0.1 3.11	ns	ns ,	
12a		7.3		3.11			
14		7.8		2.99			
16		8.1		3.08			
17		8.3		3.13			
19		8.8		3.03			
21		9.20	9.2	3.14			
22		9.45	9.6	9.3 3.05			
23		9.65	9.7	9.6 3.14			
25		9.80	9.9	9.7 3.30			
26		ns.	4?	,			
27							
28							
9a	6.3						
9b	6.6						
9c	4.1				9.1	8.9	

10.10

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Slant 151

Saturday January 19, 1918.

Scale m. — B Series 362

1120 — B 4890 — C 2

	sc.1	sc.2	sc.		Diffr. Imv. g	h		P.C sc.2
1	B		.					
2	B		.					
3	B.		.					
4	4.44 4.42		3.80		6.4	q	0.54	8.4 — 1.46
6	4.49 4.47		3.77		q	6.6	0.64	8.8 — 1.56
9	5.54 5.2	5.5	5.45 0 1	3.61	7.2	q	0.44	8.9 — 1.26
10	5.8 5.6	5.8	5.80 0 0	3.55	q	8.1	0.10	9.4 — 1.20
11	6.4 6.2	6.3	6.35 0 1	3.39	8.3	q	0.37	def? .
12	6.5 6.3	6.5	6.50 0 0	3.46	8.6	q	0.46	4. .
12a	7.0 6.8	7.2	7.10 1 1	3.31	9.2 5 0 1	9.3	0.10	ws. .
14		7.4		3.39	9.6	q	0.14	
16		7.8		3.38	9.90 1 1	10.0	0.06	
17		8.1		3.33	9.8			
19		8.3		3.53	scr.		.	
21		8.90 0 0 8.9	8.9	3.44				
22		9.20 1 1 9.3	9.1	3.30				
23		9.30 0 0 9.3	9.3	3.49				
25		9.60 1 1 9.7	9.5	3.50				
26		10.10 0 0 10.1	10.1	3.57				
27		ws.	ms	.				
28								
29								
9a	6.1				4	4		
9b	6.3							
9c	4.1				q	8.4		

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Scale m-

B Series 362.

Alt Corr -14

B 48891 Carte 2^h -645

Diffr. Inv.

P.C.

	sc.1	sc.2	sc.2	Cu.		q	h			sc.2		
						7.15 01						
1	B			,		7.2	7.1	0.44	7.59	8.6	-1.48	7.12
2	B			,		q	7.8	0.33	8.13	9.4	-0.23	8.17
3	5.0 4.8	5.7	5.05 01	3.65	8.70	q	8.4	0.29	8.69	10.0	-0.99	9.01
						9.25 01						
4	5.6 5.4	5.6	5.60 00	3.57	9.17	9.2	9.3	0.23	9.48			
5	6.4 6.2	6.4	6.40 00	3.45	9.85	q	q	,	,			
6	7.1 6.9	7.1	7.10 00	3.40	10.50							
7		7.8		3.40	11.20							
8		8.4		3.44	11.84							
9		8.6		3.46	12.06							
		9.30	1 1									
10		9.4	9.2	3.56	12.86							
		9.65	1 0									
11		9.1	9.6	3.63	13.28							
		9.85	01									
12		9.8	9.9	3.68	13.53							
13		1.	1.	,	,							
14		1.		,	,							
15												

Streaked.

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Scale m-

B Series 362.

Abt Com +06

B 4889 2 142K 2 04-30.0

	Sc.1	Sc.2	Sc.3			Diffr. Im.		P.C.	Sc.4
						g h			
						8.825 10			
1	B.		,			8.3 8.2	0.30	8.55	10.0 – 0.99 9.01
						8.60 0 0			
2	B.	B.	,			8.6 8.6	0.28	8.88	7.
	5.7								
3	5.5	5.6	5.65 10	3.56	9.21	g 8.9	0.25	9.15	
	6.5								
4	6.3	6.3	6.40 1 L	3.45	9.85	g 9.7	0.17	9.87	
5		7.1		3.40	10.50	f f.		.	
6		7.2		3.40	10.60				
7		7.2b		3.39	10.99				
8		7.8		3.40	11.20				
9		8.2		3.41	11.61				
10		8.21		3.41	11.61				
11		8.6		3.45	12.05				
		9.15	1 0						
12		9.1	9.2	3.53	12.68				
		9.20	0 0						
13		9.2	9.2	3.54	12.74				
		9.65	1 0						
14		9.7	9.6	3.63	13.28				
		9.90	1 1						
15		10.0	9.8	3.68	12.58				

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Scale m.

B Series 362.

Alt Con +06

B 48893 118 K. Δ 16-148

	sc.1	sc.2				q	h		sc.3		
1	B.		,			q	6.1	0.53	7.23	8.6	−1.48 7.12
2	B		,			q	q	,	.	8.8	−1.43 7.37
3	B.		,			q	7.6	0.37	7.97	9.1	−1.24 8.16
4	4.9 4.7		3.69	8.59	8.60 00	8.6	8.6	0.27	8.87	ns.	, ,
5	5.0 4.8	5.2 5.10	1 1	3.65	8.75	8.1	q	026	896		
6	6.5 6.3	6.4 6.45	1 0	3.44	9.89	ns	ns.	,	,		
7	6.9 6.7	6.8 6.85	1 0	3.41	10.26						
8	6.9 6.7	6.9 6.90	0 0	3.40	10.30						
9		7.5 7.45	1 0	7.4 3.39	10.84						
10		8.10 00 8.1		8.1 3.40	11.50						
11		8.9 8.80	1 1	8.7 3.49	12.29						
12		9.10 00 9.1		9.1 3.53	12.63						
		9.3 9.25	1 0	9.2 3.55	12.80						
13		9.8 9.75	0 1	9.7 3.66	13.41						
14		9.7 7.			,						
15											

Images very poor.

Diff. poor

1918phae.proj.10850

Saturday January 19, 1918.

Cofried 35:8

Scale m. B series 862 Alt Cm + 0[illegible]

B 48894 Carte 3 – 2.5

Diffr. Lm. P.C.

	RC1	RC2	Cw		all	RC2
1	q		.			f.
2	B.		.		bi	
3	6.4 6.2	6.5	3.44	9.89		
4	6.6 6.4	6.8	3.42	16.12	fine	
5		7.6	3.39	10.99		
6		8.8	3.48	12.28		
7		9.2	3.55	12.80		
8		9.7	3.64	13.34		
9		9.7	3.64	13.34		
10		f.	,	,		
11		n.s.	.	,		
12						
13						
14						
15						

9.925 01

9.70 00

Lm. very poor. Sequence off centre, and no faint plate seen.

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Scale m. B Series 362 - Alt Con + 7

B 48895 Carte 3 -16.5

	sc1	sc2	sc3			g sc2	h			Dc. sc2
1	B			,		9.10 00				86 - 148 7.12
2	g			,		9.1	9.1	022	9.32	7 ,
3	6.3 6.1	6.1	6.20 1 1	348	9.68	g	g	,	,	
4	6.5 6.3	6.4	6.45 1 0	3.44	9.89					
5		7.3		3.39	10.69					
6		7.3		3.39	10.69					
7		8.1		3.40	11.50					
8		8.1		3.40	11.50					
9		8.2		3.41	11.61					
10		8.5		3.44	11.94					
11		8.4		3.43	11.83					
12		8.7		3.47	12.17					
13		8.9		3.50	12.40					
14		9.2 9.20 00	9.2 9.45 01	3.54	12.74					
15		9.4	9.5 9.70 00	3.59	13.04					
16		9.1	9.1 9.95 10	3.64	13.34					
17		9.4	10.0	3.70	13.65					
18		ns	ns	,	,					

Images very poor.

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Sheet 151

Saturday January 19, 1918.

Scale m. B series 362.

B 48 896 C2

	sc.1	sc.2	Cu.	Diffr. Inn. q h	P.C. sc.2
1	B		.	q q .	8.5 – 1.56
2	B.		.	q 6.5 0.74	8.7 – 1.46
3	B		.	q 7.3 0.34	9.2 – 1.56
4	4.7 4.5		3.50	8.2 7.9 0.15	9.5 – 1.30
6	4.9 4.7	5.1	5001 1 3.67	8.3 8.8 q 0.37	9.8 – 1.13
9	5.1 4.9	5.1	5.1000 3.96	8.6 8.7 0.41	10.0 – 0.94
10	5.9 5.7	5.1	5.801 1 3.55	q 10.0 – 0.26	
11	6.5 6.3	6.3	6.40 1 1 3.34	ns ns .	
12	6.5 6.3	6.4	6.45 10 3.51		
12a	7.0 6.8	6.7	6.852 1 3.56		
14		7.5	3.29		
16		7.8	3.38		
17		8.1	3.33		
19		8.4	3.43		
21		8.8	3.54		
22		9.2	3.30		
23		9.3	3.49		
25		9.4	3.70		
26		9.9	3.77		
27		ns.	.		

9a	6.4 6.2	9.8 0 0 9.8 9.8
9b	6.6 6.3	
9c	5.1 4.9	8.3 5 0 1 8.4 8.3

12 7.25

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Tuesday
Monday January 22 21, 1918.

Scale m
1015

B Series 362.

B 48896 C2

	Dec.1	Dec.2			Diff. Im. q b		Pc Dec 2
1	B				q q	.	8.5 – 1.56
4	B.				q 6.7	0.54	8.7 – 1.46
8	B.				q 7.2	0.44	9.0 – 1.36
4	4.4			3.60	7.1 q	0.50	9.5 – 1.30
6	4.9			3.57	8.3 q	0.37	10.0 – 1.33
7	5.1	5.5	540 1 1	3.66	8.6 8.7	0.41	10.1 – 1.04
10	5.7	5.8	585 1 0	3.50	9.2 q	0.15	
11	6.2	6.4	640 0 0	3.34	10.0 q	–0.26	
12	6.3	6.3	640 1 1	3.56	7 7	.	
12a	6.9	7.1	710 0 0	3.31			
14		7.5		3.29			
16		7.7		3.48			
17		8.0		3.43			
19		8.3		3.53			
21		8.7	8.4	3.64			
22		9.1	9.2	3.35			
23		9.4	9.4	3.39			
25		9.6	9.5	3.55			
26		10.1	10.1	3.57			
27		7.	7.	.			

8.70 00
9.15 1 0
9.40 0 0
9.58 0 1
10.10 0 0

9a	6.2	
9b	6.4	
9c	4.8	

8.5 8.4

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Tuesday ~~Monday~~ January 21, 1918.

Cofnid 27:175

Scalum. B Series 362. Alt Con - 30

B 488 97 7 1 -

D.C.

	sc.1	sc.2	Cu		sc.2		
1	B				8.7	- 1.46	7.24
2	B				8.5	- 1.45	7.05
3	B.				8.9	- 1.46	7.44
4	B				8.9	- 1.46	7.44
5	B.				9.2	- 1.44	7.76
6	B.				9.1	- 1.45	7.65
7	B.				9.7	- 1.40	8.30
8	B.				9.7	- 1.40	8.30
9	4.0 3.8		402	8.02	7-	,	,
10	4.2 4.0		3.97	8.17			
11	4.7 4.5		3.84	8.54			
12	q		,	,			
13	q		,	,			
14	q		,	,			
15	5.6 5.4		365	9.25			
16	5.7 5.5	5.7	570 0 0	3.64	9.34		
17	6.1 5.9	6.2	615 1 0	3.54	9.69		
18	6.7 6.5	6.7	670 0 0	346	10.16		
19	6.9 6.7	6.7	680 1 1	344	10.24		
20		7.1		342	10.52		
21		7.6		340	11.00		
22		q		,	,		
23		7.9		341	11.31		
24		8.2		342	11.62		
25		8.5		344	11.94		
26		8.6		344	12.04		

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Monday January 21, 1918.

Scale m-

B Series 362-

B 48897- 71-

	RO2	Cu.	
27	8.7	3.45	12.15
28	9.1	3.48	12.58
29	9.3	3.49	12.79
30	9.7	3.51	13.21
31	9.7	3.51	13.21
32	10.0	3.54	13.54
33	10.0	3.54	13.54

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Scale m. B Series 362 -

B 48897 - 71 - Diffr Ims.

	g sec.1	sec.2	h sec.1	sec.2		
1	6.6		g		0.55	7.15
2	g				,	,
3	g				,	,
4	7.3				0.34	7.64
5	7.3				0.34	7.64
6	7.5		g		0.31	7.81
7	g		g		,	,
8	g		8.1		0.22	8.32
9	g		8.5		0.19	8.69
10	8.7	8.70 00	8.7		0.16	8.86
11	8.8		g		0.14	8.94
12	9.5	9.45 10	9.4		0.00	9.45
13	9.2	9.25 01	9.3		0.06	9.31
14	9.4	9.35 01	9.3		0.02	9.37
15	9.8	9.90 11	10.0		-0.09	9.81
16	g		9.8		-0.08	9.72
17	7		7		.	
18						
19						
20						
21						
22						
23						

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Monday January 21, 1918. Cofried 27:108–

Scale M– B Series 362– Alt Con +02

B 48898 E2–

P.C–

	Dec.1	Dec.2	Cw		Dec.2		
1	B				8.6	– 1.46	7.14
2					9.3	– 1.44	7.86
3	B				8.8	– 1.46	7.34
4			~~3.92~~		8.9	– 1.46	7.44
5	B.		.		9.4	– 1.42	7.98
6	44 4.2		3.92	8.32	9.3	– 1.43	7.87
7	B.		.	.	10.0	– 1.44	8.56
8	B.		.	.	↓	.	.
9	47 4.5		3.84	8.54	10.1	– 1.32	8.78
10	49 4.7	5.1	500 ± 1 3.78	8.78	10.0	– 1.34	8.66
11	B.	5.2	3.72	8.92	10.0	– 1.34	8.66
12	50 4.8	5.2	5.10 ± 1 3.76	8.86	8.98	– 1.38	8.42
13	54 5.2	5.4	540 00 3.70	9.10			
14	57 5.5	5.7	570 00 3.64	9.34			
15	60 5.8	5.9	595 0 ± 3.59	9.54			
16	59 5.7	5.8	585 1 0 3.61	9.46			
17	barely diff.	def.	.	.			
18	60 5.8	5.8	590 1 ± 3.60	9.50			
19	61 5.9	6.3	6.20 ± 1 3.54	9.74			
20	65 6.3	6.5	6.50 0 0 3.49	9.99			
21	70 6.8	7.0	700 00 3.43	10.43			
22	72 7.0	7.2	7.20 00 3.41	10.61			
23		7.3	3.41	10.71			
24		7.6	3.40	11.00			
25		7.9	3.41	11.31			
26		8.0	3.42	11.42			

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Monday January 21, 1918

Scale m. B Series 362 -

B 48898 82 -

	sc 2	sc 2		
27	8.3		3.42	11.72
28	8.3		3.42	11.72
29	8.3		3.42	11.72
30	8.5		3.44	11.94
31	8.8	9.15 01	3.45	12.25
32	9.2	9.1	3.48	12.63
33	9.20 00	9.21	3.48	12.68
34	9.35 10	9.4	3.49	12.84
35	9.65 10	9.6	3.51	13.16
36	9.60 60	9.6	3.50	13.10
37	t.	t	.	.
38	t.	t.	.	.
39	ms.		.	.

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Monday January 21, 1918.

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Scale M. B Series 362.

	B 48898		E 2		Diff. In.	
	g		h			
	pc.1	pc.2	pc.1	pc.2		
1	q		q			
2	q		q			
3	q		q			
	7.1					
4	6.9		q		0.39	7.49
5		7.8		q	0.26	8.06
6		q		q	.	.
7		q		q	.	.
8		q		q	.	.
9		q		8.2	0.22	8.42
10		q		8.1	0.22	8.32
11		q		8.4	0.20	8.60
12		8.4	8.40 00	8.4	0.20	8.60
13		pulp		8.6	0.17	8.77
14		q		9.1	0.09	9.19
15		q		9.3	0.04	9.34
16		9.2	9.25 01	9.3	0.06	9.31
17		faulty pulp.		pulp-	.	.
18		9.5		q	-0.01	9.49
19		9.8		q.	-0.08	9.72
20		f-		f-	.	.
21						

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Monday January 21, 1918.

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Scale m. B Series 362. Alt Con – 13

B 48899 Carte 4 –645

5 iffr. Im.

	Sc.1	Sc.2	Sc.2						P.C. Sc.2	
1	B.					g			9.1 – 1.45	7.65
2	B.					g			10.0? – 1.34	8.66
3	5.2 (5.4)	5.5	545 01	3.69	9.14	g				
4	6.1 (6.3)	6.2	625 10	3.53	9.78	9.9	g	–0.09	9.81	
5	6.6 (6.8)	6.6	670 11	3.46	10.16	?	?			
6		7.1		3.42	10.52					
7		7.5		3.41	10.91					
8		7.6		3.40	11.00					
9		8.3		3.43	11.73					
10		8.4		3.44	11.84					
11		8.6 (8.55)	8.5 (01)	3.44	11.99					
12		9.2 (9.05)	8.9 (21)	3.48	12.53					
13		9.2 (9.20)	9.2 (00)	3.49	12.69					
14		9.5 (9.60)	9.7 (11)	3.50	13.10					
15		9.8 (9.90)	10.0 (11)	3.53	13.43					

Images faint —

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Tuesday ~~Monday~~ January 27, 1918.

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Scale M-

B Series 362-

Alt Con +03

B ~~Series~~ 48900 Carte 4 -40.5

Diffr. Inv.

	sc.1	sc.2		Cu.		q	h			Sc.2
1	B.			,		q 6.9	0.44	7.34	8.1 – 1.46	7.24
2	4.7 4.5			3.84	8.54	q q	.	.	10.0 – 1.34	8.66
3	5.5 5.3	5.4	545 10	3.69	9.14	q 8.9	0.12	9.02		
4	5.7 5.5	5.1	570 00	3.64	9.34	9.10 00 9.1 9.1	0.09	9.19		
5	6.1 5.9	6.4	6.3 627 2 10	3.53	9.80	± 10.0	,	.		
6	7.0 6.8	7.1	705 0	3.42	10.47					
7	7.0 6.8	7.1	705 0	3.42	10.47					
8	7.2 7.0	7.4	730 1	3.41	10.71					
9		7.8		3.40	11.20					
10		8.1		3.41	11.51					
11		8.6	865 0	8.7 3.44	12.09					
12		8.8	880 0	9 8.8 3.45	12.25					
13		9.3	935 1	0 9.4 3.49	12.84					
very poor - 14		9.8	9.7 0	1 9.6 3.51	13.21					
15		±	±	,	.					

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Shus-89

Tuesday Monday January 27, 1918.

Scale m. B Series 362.

B 48901 C 3.

	Sc.1	Sc.2		Diff. Im. q h			P.C. Sc.2
1	B.		,	5.9 Sc.1 5.7	7	0.93	8.1 – 1.47
2	B.		,	7	7	.	8.3 – 1.36
3	B.		,	7	7	.	8.1 – 1.48
4	B.		,	7.35 1.0 7.3	7.4	0.10	9.0 – 1.55
6	B.		,	7.65 1.0 7.7	7.6	0.06	9.3 – 1.59
7	4.2 4.0		3.85	7.8	7	0.25	9.4 – 1.35
8	7		,	8.25 1.0 8.3	8.2	-002	9.6 – 1.37
10	4.5 4.3	B.	4.19	8.50 0.0 8.5	8.5	0.19	10.1? 9 – 1.41
11	5.0 4.8	5.1	5.05 0.1 4.00	8.8	9	0.25	
13	5.8 5.6	5.7	5.75 0.1 3.68	9.35 0.1 9.4	9.3	0.08	
14	6.4 6.2	6.3	6.35 0.1 3.50	9	9.6	0.25	
15	6.5 6.3	6.5	6.50 0.0 3.64	7	7.	.	
16	7.0 6.8	6.9	6.95 0.1 3.36				
19		7.3	3.38				
21		7.6	3.45				
22		7.8	3.40				
23		8.2	3.41				
24		8.5	3.32				
26		8.8	3.34				
27		9.4	3.38				
28		9.7	3.51				
29		sup.	,				
30		ns.	,				

12 2 27

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Shutter 150

Friday January 25, 1918. Copied Bk 52:4

Scale m.

11 20 B 49 0 10 C1 B Lewis 373.

	pc.1	pc.2		Diff	cu. magn		Diff. Im. q	h	cu. magn		PC pc.2	cu. magn.
1	B			.	. B		q	7.1	0.08	+0.25 7.35	89	−1.72 −1.80 7.10
2	B.			.	. B		q 7.40	q 0 0	.	. q	9.2	−1.81 −1.73 7.47
3	B			.	. B		7.4	7.4	0.10	+0.20 7.60	9.2	−1.70 −1.73 7.47
4	B.			.	. B		q	q	.	. q	9.7	−1.74 −1.60 8.10
5	5.6 5.4	5.4	550 1 1	2.83	3.20 8.70		q	8.3	0.03	+0.02 8.32	10.0	−1.67 −1.50 8.50
7a	5.3 5.1	5.4	535 1 0	3.51	3.21 8.56		q	q	.	. q		
9	6.0 5.8	6.1	6.05 0 1	3.23	3.17 9.22		q 9.75	1 0 9.8	−0.47	−0.33 9.42		
11	6.7 6.21	6.4	6.40 0 0	3.29	3.15 9.55		q	10.1	−0.41	−0.42 9.68		
12	6.9 6.7	7.0	6.95 1 0	3.07	3.14 10.09		ns	n.s.	.	.		
14		7.8		2.82	3.13 10.93							
15		8.1		2.94	3.14 11.24							
16		8.1		3.10	3.14 11.24							
17		8.4		3.10	3.16 11.56							
18		8.9 8.85 1 0	8.8	3.09	3.23 12.08							
19		8.9 8.85 1 0	8.8	3.36	3.23 12.08							
20		9.5 9.45 1 0	9.4	3.17	3.31 12.76							
21		9.5 9.55 1 0	9.6	3.34	3.32 12.87							
24		10.1 10.10 0 0	10.1	3.48	3.43 13.53							
25		7.	7.	.	. 7							

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Scale m. B series 373. Alt Corr + 08

B 4901 1 D1 -

P.C.

		sc.1	sc.2	Cm.		sc.2		
	1	B.		.		9.3	-1.71	7.59
	2	B		.		9.3	-1.71	7.59
	3	B		.		9.45	-1.66	7.84
7.10	4	44 4.2		.		9.45	-1.66	7.84
7.47	5	B		.		9.6	-1.64	7.96
7.47	6	49 4.7		3.25	8.15	10.0	-1.50	8.50
8.10	7	B.		.	.	10.0	-1.50	8.50
850	8	50 4.8		3.24	8.24			
	9	55 5.3	5.5	5.50 00	3.20	8.70		
	10	58 5.6	5.5	5.65 2 1	3.19	8.84		
	11	59 5.7	5.9	5.90 00	3.17	9.07		
	12	61 5.9	6.2	6.15 1 0	3.16	9.31		
	13	63 6.1	6.3	6.30 0 0	3.15	9.45		
	14	64 6.2	6.5	6.45 0 1	3.14	9.59		
	15	68 6.6	6.8	6.80 00	3.14	9.94		
	16	66 6.4	6.6	6.60 00	3.14	9.74		
	16a		7.4		3.13	10.53		
	17		7.4		3.13	10.53		
	18		7.8		3.14	10.94		
	19		7.9		3.14	11.04		
	20		7.8		3.14	10.94		
	21		8.2		3.14	11.34		
	22		8.3		3.16	11.46		
	23		8.6		3.19	11.79		
	24		8.6		3.19	11.79		
	25		8.7		3.20	11.90		
	26		9.1		3.26	12.36		

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Friday January 25, 1918.

Salem B Series 373.

B 49011 D1

	sec.	Cu.	
27	9.2	3.28	12.48
28	9.8	3.37	13.17
29	9.6	3.35	12.95
30	9.8	3.37	13.17
31	7.	.	.

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Scalum. B Series 373. Copied 27:4-

	B 4901 1 sc.1	B 4901 1 sc.2	D 1 h sc.1	D 1 h sc.2	Diff. Em.	
1	q				.	
2	q				.	
3	~~9~~ 7.6				0.16	7.76
4	q				.	.
5	7.9				0.10	8.00
6	q				.	.
7	q				.	.
8	~~8.4~~ q				.	
9	8.9			q	-0.12	8.78 ~~9.02~~
10	8.7				-0.08	8.62
11	9.5				-0.27	9.23
12	9.5				-0.27	9.23
13	10.0				-0.40	9.60
14	ns.				.	.
15						
16						
17						
18						
19						
20						
21						
22						
23						

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Friday January 25, 1918.

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Scale m. B Series 373. Alt Con +02

B 49012 E1-

	Sc.1	Sc.2	Cu.		Sc.2 P.C.		
1	B		.		8.6	− 1.86	6.74
2	|		.		8.9	− 1.80	7.10
3	B.		.		8.9	− 1.80	7.10
4	|		.		9.2	− 1.74	7.46
5	|		.		9.4	− 1.70	7.70
6	B.		.		9.6	− 1.64	7.96
7	B.		.		10.0	− 1.50	8.50
8	5.1 4.9		3.23	8.33			
9	"		.	.			
10	"	B.	.	.			
11	6.0 5.8	5.90	1 1	3.17	9.07		
12	5.4 5.2	5.40	0 0	3.20	8.60		
13	6.1 5.9	6.2 6.15	1 0	3.16	9.31		
14	6.7 6.5	6.5 6.60	1 1	3.14	9.74		
15	7.0 6.8	6.7 6.85	2 1	3.13	9.98		
16	6.8 6.6	6.9 6.85	0 1	3.13	9.98		
17		7.4		3.13	10.53		
18		7.9		3.14	11.04		
19		8.4		3.16	11.56		
20		8.4		3.16	11.56		
21		8.4		3.16	11.56		
22		8.8		3.21	12.01		
23		8.9		3.23	12.13		
24		9.2		3.27	12.47		
25		9.3 9.30	0 0	3.29	12.59		
26		9.4 9.40	0 0	3.30	12.70		

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Friday January 25, 1918.

Salem. B Series 373.

B49012 E1-

	sec			
	945 01			
27	9.4	9.5	3.30	12.75
28	10.0	10.00 00 10.0	3.40	13.40
29	〃	〃	〃	〃
30	〃	〃	〃	〃

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~~Stat 92~~ 150

Friday January 25, 1918

Salem - B Series 373. Cofrick 27:101

B49012 E1 - Diff. Im.

	q sec.	h sec.	Cu	
1	q.	6.9 6.7	0.30	7.20
2	q		.	.
3	7.1		0.25	7.35
4	7.5		0.19	7.69
5	q	all	.	.
6	q		.	.
7	q	45	.	.
8	8.4		0.00	8.40
9	q	hor	.	.
10	8.21		0.04	8.24
11	9.3		-0.22	9.08
12	9.1		-0.18	8.92
13	9.6		-0.30	9.30
14	10.0		-0.40	9.60
15	N.S.		.	
16				
17				
18				
19				
20				

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Friday January 25, 1918.

Scale m.

B Series 373 -

NB 490 185 C1 -

	sc 1	sc 2			Diff Im. q h		Pc sc 2
1	B				6.8 sc 2 q	0.38	8.8 - 1.62
2					q 7.15 q 01		8.8 - 1.41
3	B				7.2 7.1	0.35	9.1 - 1.60
4	B.				q q		9.3 - 1.34
5	4.7 (4.9) (5.8)	5.3	5.10	2 2 3.23	q 9.30 8.3 1	0.03	9.5 - 1.17
9	5.6 (6.4)	6.8	5.80	00 3.48	9.2 9.4	-0.02	f.
11	6.2 (6.8)	6.4	6.40	00 3.29	10.0 f.	-0.31	
12	6.6	6.8	6.80	00 3.22	ns ns		
14		7.4		3.22			
15		7.9		3.14			
16		7.9		3.30			
17		8.1		3.40			
			8.60	00			
18		8.6	8.6	3.34			
			8.70	00			
19		8.7	8.7	3.51			
			9.40	1 1			
20		9.5	9.3	3.22			
			9.60	00			
21		9.6	9.6	3.29			
			10.10	00			
24		10.1	10.1	3.48			
25							
26							
27							

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Wednesday January 30, 1918.

Shut-9 1/50

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Scale m. 1020

B series 342 –

B 48663 C 12 –

	pc 1	pc 2				Diffr. Im.			Pc.	
					Cu magn	q	b	Cu. magn.	pc 2	Cu. magn.
1	B.		.	.	B	60 pc 1 5.8 q		0.60+0.63 6.43	8.1	–1.50 –1.58 6.52
2	B.		.	.	B	pc 2 q	q	. .	8.6	–1.61 –1.47 7.13
3	B.		.	.	B	q	6.8	0.48+0.50 7.30	8.7	–1.42 –1.46 7.24
4	B		.	.	B	q	q	. q	8.9	–1.34 –1.39 7.61
5			.	.	.	q	q	. q	9.2	–1.36 –1.28 7.92
6			.	.	.	q	q	. q	9.4	–1.18 –1.11 8.29
8	~~B~~ q	q	.	.	q	q	q	. q	9.4	–0.80 –1.11 8.29
9	5.7 5.5	5.6	5.65	1 0	3.36 3.56	9.21	q 8.7	0.31+0.13 8.83	f.	. f
11	5.9 5.7	6.1	6.00	1 1	3.31 3.43	9.43	q q	. . q		
12	6.0 5.8	6.3	6.15	1 1	3.46 3.38	9.53	9.45 10 9.5 9.4	0.16 –0.03 9.42		
14	6.6	6.8	6.80	0 0	3.11 3.20	10.00	f f	. . f		
16		7.2			3.18 3.14	10.34				
17		7.6			3.08 3.12	10.72				
17a		7.8			3.28 3.16	10.96				
18		7.9			3.40 3.19	11.09				
20		8.4			3.50 3.32	11.72				
21		8.6			3.63 3.40	12.00				
23		9.2			3.81 3.60	12.80				
24		9.5			3.94 3.75	13.25				
26		9.6			4.06 3.80	13.40				
27		10.0			4.01 4.00	14.00				
29		m.s.			. .	.				

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Salem. B Series 342. Alt Con +08

B 48664 D12.

	Sc1	Sc2	Cu.		Pe- Sc2		
					9.15 ± 0		
1	B		.		9.1 9.2	−1.30	7.85
2	|		.		8.75 ± 0 8.7 8.8	−1.44	7.31
3	B		.		9.4	−1.10	8.30
4	|		.		9.6	−0.92	8.68
5	|		.		9.4	−1.10	8.30
6	4.49 4.7		.		9.1	−0.81	8.89
7	5.54 5.2		364	9.04	9	.	.
8	9		.	.	10.0	.	.
9	5.55 5.3		361	9.11	±	.	.
10	5.7 5.5		354	9.24			
11	5.7 5.5	5.7	5.70 00	354	9.24		
12	5.8 5.6	6.0	5.90 ± 1	346	9.36		
13	6.4 6.2	6.4 hrs	6.40 00	331	9.71		
14	6.7 6.5	6.7	6.70 00	322	9.92		
15	6.7 6.5	6.8	6.75 ± 0	320	9.95		
16	6.9 6.7	6.9	6.90 00	318	10.08		
17		7.6		313	10.73		
18		7.7		314	10.84		
19		7.8		316	10.96		
20		7.9		319	11.09		
21		8.1		323	11.33		
22		8.4		332	11.72		
23		8.8		347	12.27		
24		8.8		347	1227		
25		8.9		350	1240		
26		8.9		350	12.40		

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Wednesday January 30, 1918

Scale m- B Series 342-

B48664 D12-

	sc1	sc2		
	9.00	L.1		
27	9.1	8.9	3.54	12.54
	9.35	L0		
28	9.3	9.4	3.68	13.03
	9.35	0 L		
29	9.4	9.3	3.68	13.03
	9.70	00		
30	9.7	9.7	3.85	13.55
31	7.	7.	,	,
32	n.s.	n.s.	,	.
33				

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Wednesday January 30, 1918.

Saturn — B Series 342 — Cofnid 27:92

B 48664 — Δ 12 — Diffr. Inn.

	q sc 1	q sc 2	h sc 1	h sc 2		
1	7.4		q		0.38	7.78
2	q		q		"	"
3	q		q		"	"
4	8.1?		q		0.25	8.35?
5	q		7.8		0.30	8.10
6	8.4	8.4000	8.4		0.19	8.59
7	8.4	8.4501	8.5		0.18	8.63
8	q		q		"	"
9	8.6		q		0.14	8.74
10	9.2		q		0.01	9.21
11	9.2	9.2501	9.3		0.00	9.25
12	9.2		q		0.01	9.21
13	9.4	9.4501	9.5		−0.04	9.41
14	9.5	9.4510	9.4		−0.04	9.41
15	q		9.9		−0.15	9.75
16	?		?		"	
17						
18						
19						
20						
21						
22						
23						

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Wednesday January 30, 1918.

Shutter 150

Scale m.

B Series 342-

B 48668 C12-

		pc 1	pc 2		Diff. Im. q h		Pc pc 2
1	B.			.	q q		8.1 – 1.50
2				.	q q		8.4 – 1.41
3	B.			.	q 6.7	0.58	8.7 – 1.42
4	B.			.	q q	.	9.1 – 1.54
5	B.			.	8.1 q (8.35 01)	–0.26	9.2 – 1.36
6	B.			.	8.4 8.3	–0.13	9.5 – 1.28
8	B			.	q 9.5 (9.25 10)	,	9.5 – 0.90
9	q			.	9.3 9.2 (9.35 01)	–0.24	
11	q			.	9.4 9.3	–0.04	
12	q			.	q 10.0	–0.39	
14	q			.	ns ns.	,	
16		7.4		2.98			
17		7.7		2.95			
14a		8.2		2.88			
18		8.3		3.00			
		(880 00)					
20		8.8	8.8	3.10			
		(910 00)					
21		9.1	9.1	3.13			
		(915 01)					
23		9.1	9.2	3.86			
		(985 10)					
24		9.9	9.8	3.59			
26		7.	7.	.			
27		ns.	ns.	,			
29							

Bright stars very poor-

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1918phae.proj.10050

Wednesday January 30, 1918

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Scale m.

B series 342 -

Alt Corr - 01

B 4867 Carte 1 - 51.5

Diff. Inm.

P.C -

g h

pc 2

+ -

	Ac 1	Ac 2	Ac ?	Cw		
1	56 5.4	5.5	555	01	3.59	9.14
2	58 5.6	5.8	580	00	3.50	9.30
3	64 6.2	6.5	645	01	3.30	9.75
4	67 6.5	7.1	690	22	3.18	10.08
5	7.1 6.9	7.1	7.10	00	3.14	10.24
6		7.4			3.12	10.52
7		7.5			3.12	10.62
8		7.6			3.12	10.72
9		7.8			3.17	10.97
10		8.1			3.23	11.33
11		8.6	8.60	00	3.40	12.20
12		8.7	8.70	00	3.42	12.12
13		9.2	9.30	11	3.65	12.95
14		9.7	9.60	11	3.80	13.40
15		9.8	9.75	01	3.88	13.63

all

65

poor.

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Scale M- . B Series 342- Alt Con +08

B 4867 2 Carte 1 — 16.5

	Rc.1	Rc.2			Diff. Im.			Rc	
					g	h	.		Rc.2
1	B.		.		g	g	.	8.8	-1.42 7.38
2	4.42 4.0		.		g	7.3	0.40 7.70	9.1	-1.31 7.79
3	5.57 5.5	5.8	5.75	10 3.52 9.27	g	g	. .	†.	. .
4	5.60 5.8	6.1	6.05	0 1 3.41 9.46	g	9.2	0.01 9.21		
5	6.7 6.5	6.5	6.60	1 1 3.25 9.85	g	9.9	-0.15 9.75		
6		7.5		3.12 10.62	ns	ns.	. .		
7		7.7		3.13 10.83					
8		7.8		3.17 10.97					
9		8.4		3.32 11.72					
10		8.7		3.42 12.12					
11		8.8		3.47 12.27					
12		8.8 (8.80 0 0)	8.8	3.47 12.27					
13		9.0 (9.05 0 1)	9.1	3.55 12.60					
14		9.2 (9.20 0 0)	9.2	3.61 12.81					
15		9.4 (9.35 0 1)	9.3	3.68 13.03					
16		9.7 (9.65 1 0)	9.6	3.82 13.47					

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Wednesday January 30, 1918

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Scale m-

B series 342-

Alt Contos

B4867 3 Carte 1 – 2.5

Diff. Im. from 4867 4 only PC.

	pc 1	pc 2			g h				pc 2		
1	B.		,	,	8.60 00 8.6 8.6	0.13 0.03	8.73	8.63	98	−0.10	9.73
2	9 7.1		,	,	9.40 00 9.4 9.4	−0.03 0.03	9.37	9.43	∓		
3	6.9	7.1	7.1000	3.14	10.24	∓ 100	−0.19 0.02	981	1002		
4		7.3		3.12	10.42						
5		7.6		3.12	10.72						
6		7.9		3.19	11.09						
7		8.4		3.32	11.72						
8		8.9	8.90 00	3.50	12.40						
9		8.8	9.1	3.55	12.60						
10		9.9	9.8	3.92	13.77						
11		9.9	9.9	3.95	13.85						
12		10.0	10.0	4.00	14.00						
13		n.s.		,	,						
14											
15											

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Shut-98 150

Wednesday January 30, 1918.

Scale m-

B Series 342-

B 4867 4 C1-

	AC 1	AC 2			Diff. Im. g h		PC AC 2
1	B				g g	1	8.5 − 1.32
2					7.4 7.18	−0.01	8.1 − 1.31
3					7.2 7.1	0.35	8.8 − 1.30
4					g g	1	9.4 − 1.44
5	B				g 8.3 9.20 00	0.03	9.4 − 1.07
9	g			1	9.2 9.2	0.08	10.0? − 0.72
11	5.8	6.0	6.00	00 3.69	9.65 01 9.6 9.7	0.04	
12	6.1	6.3	6.30	00 3.72	10.0 f.	0.02	
14		7.5		3.12	ns ns.	1	
15		7.8		3.24			
16		8.1		3.10			
17		8.4		3.10			
18		8.8	8.80 00 8.8	3.14			
19		8.8	8.80 00 8.8	3.41			
20		9.4	9.40 00 9.4	3.22			
21		9.4	9.40 00 9.4	3.49			
24		f?	f.				

Plate scratched, ff stars ident difficult.

1210

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1918phae.proj.10850

Shell 154

Saturday February 2, 1918.

Scale m. B Series 427.

1045 B 49558 C4

	sc 1	sc 2		Diff	Diff Im. g h	P.C. sc 2
1	6.3 6.1	6.1	6.20	1 0.51	g 8.4 – 1.69	8.4 – 1.69
2	6.6 6.4	6.5	6.55	0 0.66	g 8.5 – 1.29	9.4 – 2.19
3	6.6 6.4	6.5	6.55	0 0.77	g g ,	9.7 – 2.38
4	7.0 6.8	7.1	7.05	0 1 0.69	g 8.1 – 0.96	10.0 – 2.26
4a		7.3		0.65		
5		7.5		0.91	g 9.2 – 0.79	
7		7.6		1.14	9.4 g – 0.66	
8		7.6		1.27	g 9.3 – 0.43	
9		8.1		1.24	10.1 g – 0.76	
11		8.3		1.65	t t ,	
13		8.1		1.49		
14		8.8		1.94		
16		9.0	9.15	0 1 2.10		
17		9.2	9.1	2.35		
18		9.45 9.5	9.4	1 0 2.48		
19		9.70 9.7	9.7	0 0 2.42		
20		9.95 9.9	10.0	1 0 2.58		
22		10.00 10.0	10.0	0 0 2.78		
23		t. t.		,		
24		ns. ns.		,		
26						

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1918phae.proj.10850

Delay

Saturday February 2. 1918

Copied BK 34 : 39
See Plt 154

Scale M-

B Series 427-

Alt Corr +08
For 148K, 191K, +.07
7 or C 4 on B49558 only, +.06
7 or 191K only +.14

B 495 59 147K Carte

7 0 2 - 30.8
315

K Seq. ↓	pc.1	pc.2	pc.2 Plt 154	Curve 148K B49561 / 191K B49560	Diffs.	Curve C4 B49558 only	Curve 191K B49560 only	pc.2 Magn. from Curve 191K +0.14
1	6.6 (68)	6.8	6.8	1.53	8.35	0.73	.	.
2	7.0 (72)	7.1	7.1	1.68	8.83	0.90	1.55 e	8.70 e
3	7.6			1.88	9.48	1.12 68	1.80	9.40
4	7.9			2.04	9.94	1.30 70	2.08 00	9.90
5	8.1			2.25 15	10.25	1.42 73	2.22 15	10.25
6	8.4			2.30	10.70	1.61 74	2.44 35	10.75
7	8.5			2.36	10.86	1.66 75	2.52 41	10.91
8	8.8			2.53	11.33	1.87 83	2.75 0	11.50
9	9.1	9.10 00		2.71	11.81	2.08 87	2.95	12.05
10	9.1	9.1	9.25 01	2.71	11.81	2.08 87	2.95	12.05
11	9.2	9.3		2.80	12.05	2.12 92	3.04	12.29
12	9.3	9.6	9.80 11	2.90	12.35	2.34 86	3.19	12.64
13	9.9	9.7		3.10	12.90	2.67 75	3.42	13.42
14								
15				Curve 191K Alt Plt 154 +0.14 Magn.				

Carte Seq.

A	5.6 (58)	5.7	5.75 01	.	8.1 q	9.2
B	6.1 (63)	6.1	6.20 11	.	8.4 q	f.
C	6.2 (64)	6.4	6.40 00	.	q q	
D	6.8 (70)	7.1	7.05 01	1.50 e 8.55	9.25 10 q3 q2	
E	7.7			1.89	9.59	q4 q	
F	7.8			1.93	9.73	q8 q	
G	8.1			2.15	10.25	ns ns.	
H	8.2	8.20 00		2.21	10.41		
K	8.6	8.55 01		2.46	11.01		
L	9.1	8.95 12		2.81	11.76		
M	9.2	9.20 00		3.01	12.21		

ur. unit

star Im. cont.			Curve 191K Magn.	
n	9.4	9.35 01 9.3	3.11	12.46
o	9.1	9.70 00 9.7	3.38	13.08

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1918phae.proj.10850

Saturday February 2 - 1918 -

Calern - B Series 427 - Alt Corr - 06

B 49560 1917 7 23-60.3

	sc.1	sc.2	Diff from BK 48 p.83	Diffr. Dm. g	Diffr. Dm. t	P.C. sc.2
1		7.5	1.75	g	g	n.s.
2		7.6	1.88	g	g 9.75 .10	n.s.
3		7.8	1.99	9.7	9.8 -.01	
4		7.8	2.25	~~x~~	g ns?	
5		8.4	2.35			
6		8.6	2.50			
7		8.8	2.94			
8		8.9	2.99			
9		9.1	2.85			
		9.20 .00				
10		9.2	9.2 2.85			
		9.30 .00				
11		9.3	9.3 3.07			
		9.40 .00				
12		9.4	9.4 3.30			
		9.60 .00				
13		9.8	9.6 3.51			
		9.85 .01				
14		9.8	9.9 3.39			
		9.90 .00				
15		9.9	9.9 3.51			

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Saturday February 2, 1918.

Scale M. B series 427. Alt Corr +08

B49 561 148 K 7 59-30.2

	sc 1	sc 2	Diff. from B K48 p. 40	Diff Dm. g h	PC sc 2
	6.7				
1	6.5	6.6 665 10	1.82	all	7.
2		7.21	1.82	bri	
3		7.8	1.97		
4		8.4	2.11	poor	
5		8.5	2.43		
6		8.8	238		
7		9.1 920 1 1	2.49		
8		9.3 9.1 9.40 1 1	2.67		
9		9.3 9.5 965 1 0	2.64		
10		9.7 9.6 9.75 1 0	2.69		
11		8.8 9.7 9.8	281		
12		9 9 9.95 0 1	.		
13		10.0 9.9	2.72		
14		— —			
15					

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1918phae.proj.10850

Saturday February 2, 1918.

Salem. B Series 427. Alt Con - 92

B 49562 Pole

		sc.1	sc.2	Diff. Inv. g h	P.E. sc.2.
a	1	B.		q 8.2	9.2
b	2	9.5		q q	9.5
c	3	6.5	q	q 8.7	9.6
d	4		7.1	q q	10.0
e	5	q	q	9.1 q	10.0
f	6		7.4	9.4 q	
g	7		7.7	q 9.7	
h	8		8.1	q q	
	10		8.1		
l			8.5		
m			8.7		
n			8.8		
o			8.8		
p			9.1		
			9.25 01		
q			9.2 9.3		
			9.35 1.0		
r			9.3 9.4		
			9.45 01		
s			9.4 9.5		
			9.55 1.0		
t			9.5 9.6		
			9.60 99		
u			9.6 9.8		
			9.80 1.1		
w			9.7 9.9		
x			ns ns		

Bit plain poor.

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1918phae.proj.10850

Shut 154

Saturday February 2, 1918.

Salem

B Series 427.

B 9563 C4

	sc.1	sc 2	Diff	Diff. Sm. q h	Qc. sc 2
1	B		.	q q	99 −319
2	6.8 6.9 6.6 6.7	7.1 7.1	698 ± 11 0.23	q q	ws. .
3		7.1	0.22	q 9.3 −1.98	
				9.40 00	
4		7.6	0.14	9.4 9.4 −1.66	
4a		9.5	.		
5		8.1	0.31	t 10.0 −1.59	
7		8.1	0.64	t t .	
8		8.4	0.47	q q .	
9		8.6	0.74		
		9.10 00			
11		9.1 9.1	0.85		
		9.30 00			
13		9.3 9.3	0.89		
		9.65 10			
14		9.7 9.6	1.09		
		9.80 00			
16		9.8 9.8	1.30		
		10.00 00			
17		10.0 10.0	1.50		
18		t. t.	.		
19					
20					
22					
23					
24					
26					

Not as good as first C Plate of Series.

1205

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Sheet 154

Tuesday February 5, 1918.

Copied Bks 52: 44

Scale m.

B Series 396.

935 B 49 2 49 Cl.

	Diff	Curv Magn		Diff. Im. g	h	Cu. Magn	P.C.		Cu. Magn.
1 B.	,	.	B	g	7.2	0.02 +0.10 7.30	9.1	−1.92	−1.64 7.46
2 B	,	.	B	g	g	, . g	9.1	−1.71	−1.64 7.46
3 48 4.6	2.70	2.77	7.57	g	7.6	−0.10 +0.03 7.63	9.3	−1.80	−1.63 7.67
4 B.	,	,	B	g	g	, . g	9.5	−1.54	−1.61 7.89
6 58 5.6	2.68	2.83	8.63	g	8.4	0.08 −0.07 8.33	10.1	−1.62	−1.50 8.60
7 58 5.6 5.7 5.75 0 1	2.92	2.83	8.58	g	8.1	−0.03 −0.10 8.60	10.1	−1.43	−1.50 8.60
10 65 6.3 6.4 6.45 1 0	3.05	2.85	9.30	g	9.8	−0.30 −0.19 9.61			
11 67 6.5 6.7 6.70 0 0	2.99	2.86	9.56	g	g	. g			
12 69 6.7 7.1 7.00 1 1	3.02	2.90	9.90	7	7	. 7			
14 7.7 8.10 0 0	2.92	2.99	10.69						
16 8.1 8.1	3.10	3.07	11.17						
17 8.3 8.35 1 0 8.4	3.15	3.13	11.48						
18 a 8.5 8.55 1 0 8.6		3.19	11.74						
19 8.8 8.80 0 0 8.8	3.41	3.25	12.05						
21 9.4 9.40 0 0 9.4	3.49	3.43	12.83						
22 10.0 9.95 0 1 9.9	3.61	3.58	13.53						
23	,	.	7						
25									

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Tuesday February 5, 1918.

Copied 27.100-

Scale m. B Series 396- Alt Con +02

B49250 E1-

	Pc1	Pc2	Cw.		Diff. Inv. g	h		Pc. pc2		
1	B.				q			8.7	-1.65	7.05
2	B.				q			8.9	-1.65	7.25
3	B.				7.1	0.11	7.21	8.8	-1.65	7.15
4	B				qf			9.21	-1.64	7.56
5	qf				q	all		9.1	-1.64	7.46
6	hom				q			9.7	-1.63	7.77
7					q			10.0	-1.53	8.47
8	B				qf			10.0	-1.53	8.47
9	B.				q	hom.		10.0	-1.53	8.47
10	qf				8.3	-0.07	8.23	f-	.	.
11	5.6 (5.8)	5.7	575 01	2.82	8.57	9.4	-0.17	9.23		
12	5.6 (5.8)	5.7	575 01	2.82	8.57	qf				
13	6.2 (6.4)	6.3	635 01	2.84	9.19	9.6	-0.19	9.41		
14	6.5 (6.7)	6.8	675 10	2.88	9.63	f	.			
15	6.7 (6.9)	7.1	700 11	2.90	9.90					
16	6.8 (7.0)	7.1	705 01	2.90	9.95					
17		7.5		2.95	10.45					
18		7.8		3.00	10.80					
19		8.4		3.14	11.54					
20		8.6		3.20	11.80					
21		8.5 (8.45 10)	8.4	3.16	11.61					
22		8.8 (8.85 01)	8.9	3.27	12.12					
23		8.8 (8.85)	8.9	3.27	12.12					
24		9.1 (9.15 10)	9.2	3.35	12.50					
25		9.2 (9.20 00)	9.2	3.36	12.56					
26		9.3 (9.45 10)	9.4	3.44	12.89					

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Tuesday February 5, 1918.

Salem. B Series 396 -

B 49250 61 cont

	sc 1	sc 2		
	9.95 - 01			
27	10.0	9.9	3.52	13.47
	10.00	00		
28	10.0	10.0	3.60	13.60

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Sheet 99

Tuesday February 5, 1918.

Salem.

B Series 396.

B 49255 C2

	Sc 1	Sc 2	Sc 3		Diff. Im. g	h		Sc 2
1	B.		,		g	g		86 − 1.66
2	B.		,		g	g		8.8 − 1.56
3	B.		,		g	7.4	0.24	93 − 1.66
4	B.		,		g	8.1	0.10	96 − 1.40
5	B.	g	,		g	g	,	9.7 − 1.54
9	6.1 (6.3)	6.3	630 00	2.94	9.4 (9.40 00)	9.4	− 0.16	7. . .
11	6.5 (6.7)	6.8	675 L0	2.99	10.0	7.	− 0.26	
12	6.6 (6.8)	6.8	680 00	3.16				
14		7.7		3.09				
15		7.8		3.23				
16		7.8		3.38				
17		8.3 (8.20 1 1)	8.1	3.23				
18		8.4 (8.50)	8.6	3.01				
19		8.5 (855 L0)	8.6	3.28				
20		8.8 (880 00)	8.8	3.41				
21		9.1 (910 00)	9.1	3.24				
24		9.5 (955 L0)	9.6					
25		9.6 (965 01)	9.7	3.48				
26		7.	7.	,				

9a 9b

9b 7.2

9c 5.5

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1918phae.proj.10850

Tuesday February 5, 1918.

Cofrid 27; 12—

Scale M-

B series 396-

Alt Con +08

B 49256

D2-

	Sc.1	Sc.2	Cu		~~Sc~~ Diff. q Sc.2	h Sc.2			Sc. Sc.2		
1	B. 48		,		q	7.4	0.05	7.45	9.0	−1.65	7.35
2	4.6		278	7.58	q	q			9.4	−1.62	7.78
3	B 53		,	,	q				8.9	−1.64	7.26
4	5.1		280	7.90	q				9.4	−1.62	7.78
5	B		,	,	q				9.4	−1.62	7.78
6	B 57		,	,	q				9.8	−1.56	8.24
7	B 5.5 55		282	8.52	8.6		−0.10	8.50	10.0	−1.52	8.48
8	5.3 58		281	8.31	q				10.0	−1.52	8.48
9	5.6		283	8.63	q		—				
10	6.3 q	B.	,	,	q						
11	6.1	6.4 6.35	1.0 2.84	9.19	9.4		−.017	9.23			
12	6.3 65	6.6 6.55	1.0 2.87	9.42	9.8		−.019	9.61			
13	6.5 67	6.7 6.70	0.0 2.86	9.56	q						
14	7.0 72	7.2 7.20	0.0 2.91	10.11	q						
15		7.6		2.97	10.57						
16		7.8		3.00	10.80						
17		7.8		3.00	10.80						
17a		8.1		3.08	11.18						
18		8.2		3.09	11.29						
19		8.4		3.14	11.54						
20		8.4 9.15	1.0	3.14	11.54						
21		9.1 9.30	0.0 3.36		12.51						
22		9.3 9.50	1.1 3.40		12.70						
23		9.6 9.60	0.0 3.46		12.96						
24		9.6 10.00	0.0 3.50		13.10						
25		10.0	10.0 3.60		13.60						
26		1	1 ,								
27		def.	def.								

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1918phae.proj.10850

Tuesday February 5, 1918.

Salem -

B Series 396 -

B 49256 D 2 cont -

28 m.s.

29 m.s.

30

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1918phae.proj.10850

Sheet 99

Tuesday February 5, 1918.

Scale M- B series 396-

B 4927-60 C2.

	Pc.1	pc.2		Diff. bm - g	k	Pc. pc.2
1	B.		,	q	q ,	8.6 — 1.66
2	B.		,	q	7.4 — 0.16	8.9 — 1.66
3	B.		,	q	7.8 — 0.16	9.4 — 1.76
4	5.5 5.3		2.70	8.50 1 1 8.6	8.4 — 0.30	9.8 — 1.60
5	B.	q	,	q 9.35	q 1 0 ,	9.8 — 1.64
9	6.5 6.3	6.3 6.40 1 1	2.84	9.3	9.4 — 0.11	
11	7.0 6.8	7.1 7.05 0 1	2.69	q	9.9 — 0.16	
12		7.3	2.66	ns	ns. ,	
14		7.9	2.89			
15		8.1	2.93			
16		8.3	2.88			
17		8.4	3.03			
18		8.7 8.70 00	2.81			
19		8.7 8.9 8.90 00	3.13			
20		9.2 8.9 9.05 2 1	3.31			
21		9.2 8.9 9.50 1 1	3.29			
24		9.6 9.4 9.65 1 0				
25		9.7 9.6 10.00 00	3.45			
26		10.0 10.0	3.67			
27		7 7.				
9a		7.1		10.0 10.0		
9b		7.4				
9c	6 0 5.8			q 8.8		

11 20-

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1918phae.proj.10850

Sheet 149

Tuesday February 26, 1918.

Scale m
9 4/5

B Series 470-
Cg-

B 50004*
+9999

	nc.1	nc.2	Diff	Diffr. Im.			Pc.
				g	h	k	nc.2
3	B.		.	6.3	9.5	0.74	83 — 1.26
4	4.3 4.1		3.52	g	.	.	89 — 1.08
5	B.		.	g		.	9.2 — 1.14
6	B.		.				9.2 — 0.73
6a	4.9 4.7		3.74	g		.	9.6 — 0.96
7	5.6 5.4		3.44	g	g	.	
8	5.9 5.7	5.8	585 1.0 3.68	g		!	
8a	6.2 5.8	6.21	6.10 1.1 3.58	960	00		
9	6.4 6.21	6.5	6.45 0.1 3.64	9b	9b	0.49	
12	6.9 6.7	7.1	7.00 1.1 3.57	g	10.1.	0.47	
14		7.6	3.19	ns	ns.	.	
14a		8.1					
15		7.8	3.33				
16		8.1	3.50				
17		8.1	3.73				
18		8.1	3.71				
20		8.1	4.06				
21		9.1	3.96				
22		9.2	4.20				
23		9.6	4.14				
24		9.8	4.13				
25		†	.				
27		n.c.	.				
28							
29							
14a							
14b		8.1 ~~7.9~~		* measured out of order by mistake			
14c		7.9		see also p. 75			

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Tuesday February 26, 1918.

Cofried 27:68

Scale M. B Series 470- Alt Corr +07

B 5 0000 59- Very badly scratched

P.C.

	sc 1	sc 2			sc 2		
1	B		.		8.7	−1.14	7.56
2	|		.		q	,	,
3	|		.		8.8	−1.18	7.62
4	|		.		8.7	−1.14	7.59
5	B		.		8.8	−1.18	7.62
6	4.7 4.5?		3.64	8.34	q (sup.?)	,	,
7	5.3 5.1		3.61	8.91	9.5	−1.02	8.48
8	B.		,	,	9.4	−1.04	8.36
9	B		.	,	9.3	−1.06	8.24
10	5.8 5.6		3.57	9.37	10.0	−0.95	9.04
11	5.8 5.6		3.57	9.37			
12	5.9 5.7	6.1	6.00 ± 1	3.55	9.45		
13	6.2 6.0	6.4	6.30 ± 1	3.52	9.82		
14	6.4 6.21	6.5	6.45 0 1	3.51	9.96		
15	6.4 6.21	6.5	6.45 0 1	3.51	9.96		
16	6.7 6.5	6.8	6.75 ± 0	3.48	10.23		
17	6.8 6.6	6.8	6.80 0 0	3.46	10.26		
18		7.2		3.44	10.64		
19		7.1		3.44	10.54		
20		7.3		3.43	10.73		
21		7.4		3.43	10.83		
22		7.9		3.45	11.35		
23		8.1		3.48	11.58		
24		7.8		3.45	11.25		
25		8.3		3.53	11.83		
26		8.4		3.59	11.99		

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Tuesday February 26, 1918.

Scale M

B Series 470.

B 50000

	scr 2	scr 7		
	8.80	00		
27	8.8	8.8	3.78	12.58
	8.65	01		
28	8.6	8.7	3.69	12.34
29	scr.	scr.	"	"
	9.30	1 1		
30	9.2	9.4	4.04	13.34
	9.65	01		
31	9.6	9.7	4.30	13.95
	9.65	01		
32	9.6	9.7	4.30	13.95
33	Deviates		"	"
34			"	"

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Tuesday February 26, 1918.

Scale m. B Series 470. Copied 27:68

B 50000 Dq Diff. Im.

	q	sc 1	sc 2		sc 1	sc 2
1	q					
2	q					
3	6.5	0.63		all	7.13	
		~~3.50~~			~~10.00~~	
4		q	.			
5		q	.			
6		q	.			
7		q	.			
8		q	.			
9		q	40		20	
			0.34		9.74	
10		8.8	~~3.78~~		~~12.58~~	
			40		20	
			~~0.34~~		9.74	
11		8.8	~~3.78~~		~~12.58~~	
12		q	.47		.77	
			~~0.32~~		9.62	
13		9.3	~~4.04~~		~~13.34~~	
14		q	.		.	
15		q	.		.	
16		q	.		10.03	
			955 48		~~9.85~~	
17		9.6	030	9.5		
			~~4.22~~		~~13.77~~	
18		4	.		.	
19						
20						
21						

Diffr. Images are very poor.

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Tuesday February 26, 1918. Copied 34; 116

Scale m. B Series 470. Alt Courtdo.

B 50001 38 KS 17 05

	Sc. 1	Sc. 2				Diff Im. g h	Sc. 2
1	B.						9.2 − 1.07 8.13
2	B.					all	9.1 − 1.00 8.70
3	5.6 5.4	5.5	555	0	1	3.60 9.15	60
4	6.0 5.8	6.1	605	0	1	3.55 9.60	large
5	6.0 5.8	6.2	6.10	1	1	3.54 9.64	for
6		7.1				3.44 10.54	
7		7.6				3.43 11.03	scale.
8		7.9				3.45 11.35	
9		8.2	8.40	00		3.50 11.70	
10		8.4	8.4	8.65	10	3.58 11.98	
11		8.1	8.6	poor 8.70	00	3.69 12.34	
12		8.1	8.7	9.20	00	3.61 12.31	
13		9.2	9.2	9.15	01	3.99 13.19	
14		9.2	9.1	9.75	10	3.96 13.11	
15		9.1	9.8			4.41 14.16	

Images poor, not comp. with scale.

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1918phae.proj.10850

Tuesday February 26, 1918.

Cofuid 45: 202

Scale m- B Series 470. Alt Corr-93

B50002 Pole

		sc.1	sc.2			Diffr. Im. g h	P.C. sc.2
a	B			.		g	7.8 e .
b	B.			.			8.4 -1.28 7.12
c	B.			.		Diffr	8.7 -1.20 7.50
d	B.			.			8.8 -1.18 7.62
e	B.			.		are	8.8 -1.18 7.62
e'	B.			.		too	9.1 -1.06 8.02
f	B.			.		g poor.	9.3 -1.06 8.25
g	B. 5.6			.			9.7 -1.00 8.70
h	5.4 5.9			360	9.20		9.8 -.99 8.81
he	5.1 6.2	6.1	600 1 1	355	9.55		f- . .
l	6.0	6.3	625 0 1	353	9.78		
l'	6.3 6.1	6.4	635 1 0	351	9.86		
m	6.7 6.5 6.9	6.8	675 1 0	348	10.23		
n	6.7	7.0	695 1 0	345	10.40		
w	7.1 6.9	7.2	715 1 0	344	10.59		
o	7.1 6.9	7.2	715 1 0	344	10.59		
p		7.6		344	11.04		
q		7.9		345	11.35		
r		7.9		345	11.35		
s		8.1		348	11.58		
t		8.1		348	11.58		
u		8.3		354	11.84		
w		8.5		362	12.12		
x		8.9		382	12.72		
y		9.15 0 1 9.25 9.20 00	9.1	396	13.11		δ' 9.8 9.80 00 98 -.99 8.81
z		9.2	9.2	400	13.20		ε 10.0 10.00 00 10.0 -.96 9.04
α		9.5 9.50 00	9.5 9.55 1 0	420	13.70		ζ f. f. .
β		9.5 9.60 00	9.6	422	13.77		
γ		9.4 9.60 00	9.6	428	13.88		
δ		9.5	9.6	428	13.88		

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Salem

B Series 470.

Alt Contos

B50003 157K 17 26.

Diff. Im.

FC.

	pc 1	pc 2					
1	B.		.	.	q	sup	pc 2 88 — 1,1 8 7.70
2	sup on diff Im.		.	.			100? — 0.96 4 9.04 6 ?
3	6.1	6.4	6.35	L 0	3.51	9.86	q
4	6.2	6.5	6.45	0 1	3.50	9.95	poor.
5	6.9	7.2	7.15	L 0	3.44	10.59	
6		7.8			3.45	11.25	
7		7.9			3.45	11.35	
8		8.4			3.59	11.99	
9		8.6	8.50	1 L	3.62	12.12	
10		8.7	8.70	0 0	3.71	12.41	
11		8.6	8.65	1 0	3.69	12.34	
12		9.1	9.10	0 0	3.94	13.04	
13		9.3	9.20	L 1	4.00	13.20	
14		9.9	9.70	0 0	4.34	14.04	
15		9.7	9.65	0 1	4.30	13.95	

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1918phae.proj.10850

Stuart 149

Tuesday February 26, 1918

Scalum. B Series 470.

B 49999 / 50004 Cg—

	scl	sc 2	Diff.	g	h	sc 2	PC sc 2
3	B		.	6.5	g	0.54	8.5 — 1.46
4	B		.	g	74	0.42	8.8 — 0.98
5	B.		.	g	g	.	9.21 — 1.14
6	B		.	g	g	.	9.2 — 0.73
6a	50 4.8		3.64	g	82	0.44	98 — 1.16
7	55 5.3		3.54	8.6	g	0.44	9.9 — 0.86
8	60 5.8	5.8 5.90	1 3.63	g	g	.	1. .
8a	61 5.9	6.3 6.20	1 3.48	g	g	.	
9	66 6.4	6.5 6.55	0 1 3.54	g	9.6	0.49	
12	68 6.6	6.8 6.80	0 0 3.77	g	10.0	0.57	
14		7.6	3.19				
14a		8.21	.				
15		7.9	3.23				
16		8.21	3.40				
17		8.3	3.53				
18		8.1	3.71				
20		9.1	3.66				
21		9.20 0 0 9.21 9.2	3.86				
22		9.20 1 1 9.1 9.3	4.20				
23		9.60 0 0 9.8 9.6	4.14				
24		9.60 0 0 9.6 9.6	4.33				
25		4. 4.	.				
27							
14a		8.21					
14b		8.5					
14c		7.9					

12—

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Shot #2 148

Wednesday February 27, 1918

Delay? Ridden with Cuno for C9 (B500004)

Scale V

B Series 470

9.30 B500004 C9

		pc1	pc2	Diff	Diff. Lm q			PC pc2
3					6.1	q	0.94	81 — 1.06
4	B.			,	q	7.1	0.72	8.9 — 1.08
5	B.			,	q	7.3	0.76	9.2 — 1.14
6	B.			,	q	q	,	9.2 — 0.73
6a	q			,	q	q	,	9.6 — 0.96
7	B.	5.3		374	8.40 00 8.4	8.4	0.64	10.0 — 0.96
8	5.7 (5.8)	5.6	5.70	1.383	q	q	,	10.0 — 0.47
8a	5.8 (5.9)	5.8	5.85	1.383	q	q	,	
9	6.3 (6.4)	6.4	6.40	00.369	9.2	q	0.89	
12	6.5 (6.6)	6.8	6.70	1.387	9.8	q	0.77	
14		7.3		3.49	q	q	,	
14a		7.8		,				
15		7.6		3.53				
16		7.8		3.80				
17		7.9		3.93				
18		8.5		3.91				
20		8.8		3.96				
21		9.00 22 9.2	8.8	4.06				
22		9.20 00 9.2	9.2	4.20				
23		9.45 01 9.4	9.5	4.29				
24		9.60 00 9.6	9.6	4.33				
25		10.0?		4.13				
27		na		,				
14a								
14b		8.4						
14c		7.8						

Scale

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Wednesday February 27, 1918.

Scale 8 — B Series 470. — Alt Cont 03

B 50005 — Eros 1902-3 — 17 45 − 5 41.0

	sc.1	sc.2					B.C. sc.2	
1	B		.		all		8.21 − 1.08	7.12
2	B.		.		bt		8.9 − 1.08	7.82
3	4.9 (5.0)		.				9.4 − 1.00	8.40
4	5.0 (5.1)	5.4	5.25 L 2	3.80	9.05	floor	sup? .	.
5	5.8 (5.9)	5.8	5.85 1 0	3.74	9.59			
6	6.1 (6.2)	6.3	6.25 0 1	3.72	9.97			
7	~~7.0~~ 6.6 (6.7)	6.8	6.75 L 0	3.70	10.45			
8		7.2		3.71	10.91			
9		7.7		3.75	11.45	star sup?		
10		7.9		3.79	11.69			
11		8.1	8.35 0 1	3.82	11.92			
12		8.4	8.9	3.89	12.24			
			8.80 L 1					
13		8.1	8.9	4.01	12.81			
			9.15 0 1					
14		9.2	9.1	4.14	13.29			
			9.30 1 1					
15		9.2	9.4	4.18	13.48			
			9.45 0 1					
16		9.4	9.5	4.24	13.69			
17		10.9 ?	9.4	4.44	14.44?			

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Scale V

B Series 470

Alt Cor 00

B 50006 Eq.

	pc.1	pc.2				pc.2		
1	B					7.8	,	
2	|		,			8.1	−1.07	7.03
3	|		,			8.1	−1.07	7.03
4	B.		,			too nearly sup.	,	,
5	B.		,			8.7	−1.08	7.62
6	B.		,			9.1	−1.01	8.09
7	B.		,			8.8	−1.08	7.72
8	|		,			9.1	−1.05	8.05
9	|		,			9.1	−1.05	8.05
10	4.8	4.9	,			9.3	−1.01	8.29
11	4.4	4.5	,			9f	,	,
12	4.4	4.5	5.1	,		9.5	−0.96	8.54
13	5.1	5.2	5.1	5.15	0 1 ,	9f sup?	,	,
14	5.3	5.4	5.6	5.50	−1 3.78 9.28	9f	,	,
15	5.2	5.3	5.4	5.35	−1 0 3.79 9.14			
16	5.1	5.2	5.3	5.25	0 1 3.80 9.05			
17	5.2	5.3	5.6	5.45	−1 2 3.79 9.24			
18	6.1	6.2	6.1	6.15	0 1 3.72 9.87			
19	5.8	5.7	5.9	5.90	0 0 3.74 9.64			
20	6.1	6.2	6.2	6.20	0 0 3.72 9.92			
21	6.2	6.3	6.5	6.40	−1 1 3.70 10.10			
22	6.4	6.5	6.5	6.50	0 0 3.70 10.20			
23	6.6	6.7	6.7	6.70	0 0 3.70 10.40			
24	6.8	6.9	7.1	7.00	−1 1 3.70 10.70			
25	6.9	7.0	7.2	7.10	−1 1 3.71 10.81			
26			7.4		3.73 11.13			

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Wednesday February 27, 1918.

Scale V

B Series 470.

B 50006 —

	pr.	Cu.	
27	7.6	3.74	11.34
28	7.4	3.73	11.13
29	7.5	3.73	11.23
30	7.8	3.77	11.57
31	8.2	3.84	12.04
32	8.4	3.90	12.30
33	8.4	3.90	12.30
34	8.8	4.01	12.81
35	9.1	4.12	13.22
36	9.4	4.27	13.61
37	9.3	4.32	13.48
38	9.5	4.30	13.75
39	9.8	4.35	14.15
40	9	,	,
41	7	,	,
42	n.s.	,	,

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1918phae.proj.10850

Wednesday February 27, 1918.

Scale √

B Series 470-

B 50006 Eq. Diff. Im.

	g sc 1	g sc 2	h sc 1	h sc 2
1				
2	64			
3	63			
4				
5				
6				
7				
8	gf			
9				
10	sup?			
11				
12				
13				
14				
15		83		
16		82		82
17		gf		
18				
19				
20				
21				
22				
23				
24				
25				
26				

all too faint. Do not compare with scale.

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1918phae.proj.10850

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Scale V B Series 470. Alt Con +03

B 50007 Carte 18 -40.5

		sc.1	sc.2	sc.3			Diff. Em. g h	P.C. sc.2		
1	B.			,			gf	7.8	,	
2	B			,			gf gf	8.8	−1.08	7.72
3	4.6 (4.7)	4.9	4.80	1 1 ,				9.3	−1.01	8.29
4	5.3 (5.4)	5.4	5.40	00 3.78	9.18	gf		9.5	−0.97	8.53
5	5.7 (5.8)	5.8	5.80	00 3.74	9.54			9.8	−0.96	8.84
6	5.7 (5.8)	6.2	6.00	2 2 3.73	9.73	nearly sup.				
7	6.4 (6.5)	6.3	6.45	1 1 3.69	10.14					
8	6.5 (6.6)	6.7	6.65	0 1 3.70	10.35	too faint.				
9		7.3		3.72	11.02					
10		7.6		3.74	11.34					
11		7.9	8.10	00 3.79	11.69					
12		8.1	8.1	8.65 10 3.83	11.93					
13		8.1	8.6	8.80 00 3.96	12.61					
14		8.8	8.8	9.15 1 0 4.01	12.81					
15		9.1	9.2	9.25 9 1 4.15	13.30					
16		9.2	9.3	4.16	13.41					
17				,	,					

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Scale V

B Series 470.

Alt Con +.06

B 50008 Carte 18 -95

		pc.1	pc.2				Diff. Im. g h	pc. pc.2
1	B			.			g g	88 – 108 7.72
2	B			.			g	9.1 – 1.05 8.05
3	B	5.1		.				9.6 – 0.96 8.64
4	5.2 5.1	5.3	525	0	1	3.80	9.05	9.7 – 0.96 8.64
5	6.3 6.2	6.2	625	1	0	3.71	9.96	9.3?
6	6.6 6.5	6.5	655	0	1	3.70	10.25	n.s. . .
7	6.5 6.4	6.4	5 650	0	0	3.70	10.20	all
8		7.4				3.72	11.12	65
9		7.4				3.72	11.12	from
10		7.8				3.77	11.57	
11		7.9				3.79	11.69	
12		8.1				3.83	11.93	
13		8.1				3.83	11.93	
14		8.1	865	1	0	3.99	12.69	
15		8.1	8.6			3.96	12.61	
16		8.6	855	0	1	3.94	12.49	
17		9.1	9.1	9.1	0	4.12	13.22	
18		9.1	9.1	9.1	0	4.12	13.22	
19		9.1	9.3	9.2	0	4.15	13.35	
20		g	9.8?			4.36 vis.	14.16?	

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Scale V

B Series 4710-

Alt Contos

B 50009 Nova Sagitt #4 18 01-27.5

		pc 1	pc 2	pc 7			q	h			D.C. pc 2
2	a	B.			,		6.5	q	0.84 0.79	7.34	7.7 ,
15	b	B			,		q	q	,	,	8.4? q -1.09 7.31?
4	c	4.6 4.5			,		q	q	,	,	9.1 -1.05 8.05
4	d	5.3 5.2	5.7	5.50 ± 2	3.78	9.28	q	q	,	,	sup? , ,
	e	5.7 5.6	5.8	5.75 ± 0	3.74	9.49	8.4	8.5	0.82	9.17	
	f	6.2 6.1	6.1	6.15 0 ±	3.72	9.87	8.8	q	0.75 0.88	9.55	
	g	6.6 6.5	6.7	6.65 0 1	3.70	10.35	8.8 8.95 2 1	9.1	0.76	9.71	
	h	6.9 6.8	7.1	7.00 ± 1	3.70	10.70	q	q	,	,	
	k		7.4		3.73	11.13	q	q	,	,	
	l		7.8		3.77	11.57				,	
	m		8.3	8.25 10 8.2 8.4	3.84	12.09	flow				
	n		8.6	8.65 01 8.1	3.96	12.61					
	o		8.6	8.65 01 8.7	3.96	12.61					
	p		9.2	9.20 00 9.2	4.15	13.35					
	q		9.7	9.70 00 9.7	4.32	14.02					

Nova vs.

Northern of 3 plates measured for p
∴ ~ 1/2 film up.

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Slues 148

Wednesday February 27, 1918.

Scale V

B Series 470-

B 50010 C10

		Sc. 1	Sc. 2	Diff	Diff. Im g h		Pc. Sc. 2
very poor	1	B.		.	g 8.1?	−1.26	8.8 −1.96
	2			.	g 8.5	−1.09	9.2 −1.79
	3			.	8.5 g	−1.16	9.6 −2.26
	4	B		.	8.55 L0 8.5 8.6	−0.71	9.4 −1.56
	6	g	g	.	g 9.3	−0.80	ns .
	7	6.4 6.3	6.6 650 L1	1.79	g g	.	
	8		g	.	9.5 g	−0.40	
	9		7.6?	1.80	7 7	.	
	10		7.8? 8.15 01	1.89			
	11		8.2 8.1	1.89			
	12		8.6 860 00 8.6	1.89			
	13		8.8 875 01 8.7	1.98			
	15		9.1 9.10 00 9.1	2.07			
	16		9.3 9.30 00 9.3	2.22			
	17		9.6 955 01 9.5	2.35			
bis near diff Im.	18		.	.			
	19		7. 7.	.			
	20		ns	.			
	21						
	22						
	24						
	25						
	26						
	27						

Images poor — peculiar.

1146

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Scale V

B Series 483.

Alt Corr +08

9 25 B ▷ 50 150 Ab.

						B.C.		
	sc.1	sc.2		Cu.		sc.1	−1.31	
1	B			.		8.3		6.99
2	B.			.		8.1	−1.26	7.44
3	B.			.		8.8	−1.24	7.56
4	B.			.		8.6	−1.27	7.33
5	B.			.		9.1	−1.27	7.83
6	4.3 4.2			3.97	8.27	9.2	−1.16	8.04
7	4.2 4.1			3.98	8.18	9.2	−1.16	8.04
8	B.			.	.	9.6 9.5	−0.95	8.65?
9	4.6 4.5			3.92	8.52	9.5	−1.01	8.49
10	4.9	5.2	510 1 1	3.86	8.96	9.6	−0.95	8.65
11	4.7 4.6 4.7	5.2	495 3 2 2 1	3.88	8.83	9.8	−0.78	9.02
12	4.9 4.9 4.8	5.4	515 2 3 2 1	3.85	9.00	+	.	.
13	5.6 5.5	5.7	565 0 1	3.80	9.45			
14	5.4 5.3	5.7	556 2 1	3.81	9.36			
15	5.9 5.8	6.1	600 1 1	3.76	9.76			
16	5.7 5.8	6.2	605 1 2	3.76	9.81			
17	6.5 6.4	6.5	650 0 0	3.72	10.22			
18	6.5 6.4	6.6	656 1 0	3.71	10.26			
19	7.0 6.9 6.8	6.8	690 1 1	3.70	10.50			
20	7.0 6.9 6.7	7.1	697 0 2 1	3.69	10.66			
21		7.4		3.66	11.06			
22		7.6		3.66	11.26			
23		7.8		3.65	11.45			
24		8.2		3.65	11.85			
25		8.1		3.65	11.75			
26		8+3		3.65	11.95			

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Scale V

B Series 483.

B 50 150 D6 -

	pc. x	pc. z	Cu.	
27	8.5		3.65	12.15
28	8.7		3.65	12.35
29	9.2		3.65	12.85
30	9.2		3.65	12.85
31	9.4		3.65	13.05
32	9.5		3.66	13.16
33	9.5	9.5	3.66	13.16
34	9.6	9.5	3.66	13.21
35	9.7	9.7	3.66	13.36
36	7.	7.	,	,
37		mc.	,	,

9.50 00

9.55 01

9.70 00

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	B 50 150 g sc.1	sc.2	D6 - h sc.1	sc.2	Diffr. Inn.
1	q				
2	q				
3	q				
4	q				
5	q		all		
6	q				
7	q		bz		
8	q				
9	q		hor.		
10	q				
11	q				
12	q				
13	q				
14	9.2		0.21		9.41
15	9.4		0.18		9.58
16	q				,
17	4				,
18					
19					
20					
21					
22					
23					

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K Copied 34 : 43
Carte " 35 : 112

Scale V

B Series 483-

Alt. Corrected

B 50151 Carte K151 11 − 31.5

	Kapt.	pc.1	sc.2			Cw.		g sc.?	h sc.?			pc. sc.?
1	4.5	4.4				3.93	8.43	q	q			9.45 01 9.4 9.5 − 1.06 8.39
2	4.7	4.6				3.91	8.61	q	q			9.8 − .78 9.02
3	5.6	5.5 ?	q			3.80	9.40	q	q			ns . .
4	6.2	6.1	6.5	635	21	3.73	10.08	q	9.8	0.12	9.92	
5	6.4	6.3	6.5	645	01	3.72	10.17	ns	ns.	.	.	
6	6.9	6.8	6.8	685	10	3.70	10.55					
7			9.5			3.66	11.16					
8			9.5			3.66	11.16					
9			9.6			3.66	11.26					
10			8.1			3.65	11.75					
11		8.10 00 8.1	8.1			3.65	11.75					
12		8.35 01 8.4	8.3			3.65	12.00					
13		8.65 21 8.8	8.5			3.65	12.30					
14		9.45 01 9.4	9.5			3.65	13.10					
15		9.65 01 9.6	9.7			3.67	13.32					
16		10.1 ?	10.10	00		3.70	13.80 ?					
Carte → 1		B-				.	.	q	q	.	.	9.3 − 1.11 8.19
2		B				.	.	q				9.3 − 1.11 8.19
3	5.3	5.2				3.83	9.13	q				? . .
4	5.4	5.3				3.81	9.21	q				
5	5.8	5.7	5.5	5.8	580 00	3.78	9.58	q	q			
6	6.5	6.4	6.5	6.50	00	3.72	10.22					
7	7.0	6.9	6.9	695	01	3.70	10.65					
8			7.1			3.70	10.80	cont 13	8.8	8.85 01 8.9	3.65	12.50
9			7.3			3.67	10.97	14	9.3	9.25 10 9.2	3.65	12.90
10			7.6			3.66	11.26	15	9.5	9.55 10 9.6	3.66	13.21
11			8.1			3.65	11.75					
12			8.4			3.65	12.05					

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Scale V

B Series 483.

Alt Com + - 08

B 50 152 193 K. 11 28-60.

	sc.1	sc.2				Diff.	Im.		Sc. sc.2		
1	~~4.3~~ B.					g	h				
2	5.2 5.1	5.3	525	01	3.83	9.08	q		9.4?	- 1.08	8.32?
3	6.2 6.1	6.1	615	01	3.75	9.90	q		9.5	- 1.11	8.39
4	6.7 6.6	6.8	675	10	3.70	10.45	q	q4	ms	,	,
5	6.9 6.8	6.9	690	00	3.70	10.60	q	q			
6		7.1			3.65	11.35					
7		7.6			365	11.25					
8		7.8			365	11.45					
9		8.0			3.65	11.65					
10		8.3			3.65	11.95					
11		8.5 8.7	8.45	10	3.65	12.10					
12		8.9 8.9	8.90	00	3.65	12.55					
13		9.2 9.2	9.20	00	3.65	12.85					
14		9.3 9.2	9.25	10	3.65	12.90					
15		9.6 9.5	9.55	01	3.66	13.21					
16		9.8 10.0	9.90	11	3.68	13.58					

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Scale V

B Series 483.

Alt Com to 2

B 50153 175K 11 38-45

Diffr bm.

	pc.1	pc.2	sc.2			sc.1	sc.2	
1	B		.	.		q		92 – 116 804
2	B.	B.	.	.		q	bb	98 – 078 9.02
3	6.2 6.1	6.1	615 01	3.75	9.90	q	poor.	us . .
4	7.0 6.9	7.1	705 01	3.70	10.75	q		
5		7.1		3.70	10.80			
6		7.3		3.67	10.97			
7		7.6		3.65	11.25			
8		7.8		3.65	11.45			
9		8.2		3.65	11.85			
10		8.5	845 10 84	3.65	12.10			
11		8.1	875 10 88	3.65	12.40			
12		9.1	900 11 89	3.65	12.65			
13		9.3	935 10 94	3.65	13.00			
14		10.0	995 01 99	3.68	13.63			
15		f.	f	.	.			

Image very poor Dupl. Bt

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Shutter 103

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Scale V

B Series 483.

B 50 154 Cb.

	sc.1	sc.2	Cw	Diffr. Inn. g	h	PC sc.2
1	B			9		8.1 – 1.34
2	|				9	9 poor ,
3	|					8.8 – 1.29
4					9	8.8 – 1.24
5	B.			9		9.1 – 1.34
6	4.2 4.1		4.01	9	9	9.4 – 1.19
9	4.6 4.5		3.99	9 8.45	9,	9.5 – 0.91
10	4.9 4.8	5.2	505 ± 2 3.85	8.4	8.5 0.45	9.7 – 0.80
12	5.5 5.4	5.6	555 ± 0 3.79	9.2 9.20 00	9.21 0.14	ns. ,
13	6.2 6.1	6.1	615 0 ± 3.54	9.6 9.55 01	9.5 0.14	
14	6.2 6.1	6.4	630 ± 1 3.76			
16	6.6 6.5	6.7	665 0 1 3.87			
17	6.9 6.8	7.1	700 ± 1 3.78			
19		7.2		3.73		
21		7.6		3.66		
22		7.8		3.74		
23		8.1 8.10 00 8	9.1	3.73		
24		8.5 8.555 ± 9	8.6	3.61		
25		8.9 8.90 00	8.9	3.43		
26		9.2 9.20 00	9.2	3.48		
27		9.4 9.40 00	9.4	3.72		
28		9.6 9.65 0 1	9.4	3.63		
30		7.	7	,		
31		ns.	ns	,		

Inn do not compare well with scale

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Scale √

B Series 483.

B 50155 W Cent. 11 51-58.8

	sc.1	sc.2	Cu		g	h			Pc. sc.2
a	B.		.		g	g			8.5 – 1.29 7.21
c	45 4.4		3.93	8.43	g				9.3 – 1.1 8.19
a'	46 4.5		3.91	8.51	g				9.4 – 1.06 8.34
a²	53 5.2	5.3	5.30 0 0	3.83	9.13	g				sup? . .
d	57 5.6	5.8	5.75 L 0	3.79	9.54	g	8.1	0.31	9.01
e	64 6.3	6.5	6.45 0 1	3.72	10.17	9.1	g	0.23	9.33
f	68 6.7	68	680 0 0	3.70	10.50	9.48 0 1	9.4	9.5	0.17	9.62
h	70 6.9	7.0	7.15 2 1	3.70	10.85	†	†.	.	.
h'		7.6		3.65	11.25				
k		7.7		3.65	11.35				
k'		8.1		3.65	11.75				
l		8.4	8.40 0 0	8.4	3.65	12.05			
m		8.5	8.55 L 0	8.6	3.65	12.20			
m'		8.9	8.95 L 1	9.1	3.65	12.60			
n		9.3	9.30 0 0	9.3	3.65	12.95			
o		9.8	9.75 0 1	9.1	3.65	13.40			
only trace seen.	fr		†.	†.	.	.			
Nov.		9.9		3.68	13.58				

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Scale V. B Series 483. Alt Con - 13

B 50 156 Carte 12-645

Diffr. Im.

	sc 1	sc 2		Cu.		g	h			BC. sc 2		
1	B.					q				8.4	− 1.30	7.10
2	4.44 4.3			3.95	8.35	q	hzr			9.3	− 1.11	8.19
3	4.49 4.8	5.3	510	2 2 3.86	8.96	q	sup.			9.7	− 0.88	8.82
4	5.53 5.2	5.5	540	1 1 3.82	9.22	8.2		0.42	8.62	ms.	.	.
5	5.58 5.7	5.6	570	1 1 3.79	9.49	8.6	q	0.33	8.93			
6	6.2 6.1	6.3	6.25	0 1 3.74	9.99	9.2		0.21	9.41			
7	6.8 6.7	7.1	695	2 1 3.70	10.65	7.		.	.			
8		7.5		3.65	11.15							
9		7.8		3.65	11.45							
10		8.1		3.65	11.75							
11		8.1	8.10 8.1	0 0 3.65	11.75							
12		8.5	850 8.5	0 0 3.65	12.15							
13		8.8	8.70 8.6	1 1 3.65	12.35							
14		8.9	900 9.1	1 1 3.65	12.65							
15		9.8	9750 9.7	1 3.66	13.41							
16		7.	7.	.	.							
17			7.	.	.							

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Friday March 8, 1918

Cofried 35; 138

Scale V

B Series 483. Alt Count 04

B 50 157 Carte 12 - 40.5

	sc.1	sc.2			Cu.		Diffr. Inv g			P.C. sc.2
1	B.	4.3 B.			396	8.26	g			91 - 1.17 7.93
2	54 5.3	5.5	545	0	3.82	9.27	g			100 - 0.50 9.50
3	60 5.9	6.3	6.15	2	1.375	9.90	9.2	Iron	0.21	9.41
4	67 6.6	6.4	6.55	1	2.372	10.27	9.4		0.18	9.58
5	69 6.8	7.1	700	1	1.370	10.70	10.0			
6		7.4			3.66	11.06				
7		7.6			3.65	11.25				
8		8.0			3.65	11.65				
9		7.9			3.65	11.55				
10		8.4	870	00	3.65	12.05				
11		8.1	905	01	3.65	12.35				
12		9.0	9.45	10	3.65	12.70				
13		9.5	975	10	3.65	13.10				
14		9.7	9.8		3.66	13.41				
15										

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Friday, March 8, 1918

Shut-Ups

Scale V

B Series 483-

B 50158 C7-

	sc.1	sc.2			Diffr. Im. g	h	DC sc.2
1	B.				g		8.2 – 1.35
2	B				g		8.8 – 1.09
3	B				g	hazy	9.3 – 1.19
4	4.4 4.3			380	g		9.5 – 1.30
5	4.5 4.4			4.06	g		9.7 – 1.14
6	g			.	8.4		
7	4.9 4.8	g		430	g		
8	5.8 5.7	5.8	580	1 0 3.80	g		
hazy from 9	g	g		.	g		
11	6.7 6.6	6.7	670	0 0 3.41	g.		
12	6.9 6.8	6.9	680	1 1 3.56			
13	6.9 6.8	7.1	700	1 1 3.66			
15		7.4		3.59			
16		7.6		3.63			
17		7.7	840	0 0 3.86			
19		8.4	8.4	361			
20		8.4	845	0 1 8.5 3.81			
21		9.3	925	1 0 9.2 3.63			
22		9.5	955	1 0 9.6 3.69			
23		9.8	975	0 1 9.7 3.65			
24		10.1	9.15	1 0 10.2 3.75			
25		n.s.		N.S.			

These two C Regions are much poorer than most of the plates in the series.

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Scale 8

B series 483 — Alt Con -92

B 50159 Pole 9.0°

Diff Im.

	pc.1	pc.2							pc.2		
a	B		.		qf	qf	.		7.7	−1.37	6.33
b	B.		.		6.6	qf	.		8.4	−1.30	7.10
c	B.		.		qf	7.3	.		8.9	−1.21	7.69
d	B.		.		qf	7.8	.		9.21	−1.16	8.04
e	3.8		4.04	7.84	qf	qf	.		9.21	−1.16	8.04
e'	B		.	.	q 8.10 00	8.1	0.45	8.55	9.6	−0.95	8.65
f	4.5 (4.6, 4.8, 4.7)	5.1 (5.1)	4.90 ± .22	3.89	8.79	8.1	8.1	0.45	8.55	9.7	−0.88	8.82
g	5.0 (5.1)	5.5	5.30 ± .2	3.83	9.13	8.4 (8.35 01)	8.3	0.39	8.74	9.8	−0.78	9.02
h	5.5 (5.6)	5.7	5.65 01	3.80	9.45	8.8 (8.85 01)	8.9	0.28	9.13	†	.	.
k	6.4 (6.5)	6.3	6.40 1	.73	10.13	9.4 (9.35 01)	9.3	0.19	9.54			
l	6.5 (6.6)	6.7	6.65 01	.71	10.36	q	9.5	016	9.66			
from k	6.6 (6.7)	6.5 q	6.60 1	.71	10.31	q	10.0	.	.			
m	6.9 (10)	7.1	7.05 01	.70	10.75							
n		7.3		.67	10.97							
n'		7.4		.66	11.06							
o		7.6		.65	11.25							
p		7.8		.65	11.45							
q		7.8		.65	11.45							
r		8.1		.65	11.75							
s		8.4		.65	12.05							
t		8.5		.65	12.15							
u		8.7		.65	12.35							
w		8.9		.65	12.55							
x		9.4		.65	13.05							
y		9.4		.65	13.05							
z		9.6		.66	13.26							
α		10.1		.69	13.79							

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Scale 8 — B Series 483 — Alb Com — 30

B 50 160 — 7 2

		sc.1	sc.2	Cu		B.C. sc 2		
33	1	B		.		8.4	−1.30	7.10
10	2	B		.		8.6	−1.27	7.33
69	3	B		.		8.9	−1.21	7.69
04	4	3.5 (3.6)		407	7.67	9.1	−1.17	7.93
04	5	B.		.	.	9.3	−1.11	8.19
65	6	4.5		3.93	8.43	9.5	−1.02	8.48
82	7	q		.	.	9.2	−1.16	8.04
02	8	4.3 (4.4)		3.95	8.35	9.4	−1.07	8.33
	9	q	5.1	385	8.95	9.6? q	−.095	8.65?
	10	4.6 (4.7) 4.8 (4.9)	5.3 (5.1)	500 3 1 31	3.87	8.87	9.6	−.095	8.65
	11	q	q	.	.		q	.	.
	12	5.5 (5.6)	5.6	560 00	3.80	9.40			
	13	5.5 (5.6)	5.7	565 01	3.80	9.45			
	14	6.2 (6.3)	6.3	630 00	3.74	10.04			
	15	6.4 (6.5)	6.5	650 00	3.72	10.22			
	16	6.6 (6.7)	6.7	670 00	3.70	10.40			
	17	6.7 (6.8)	7.1	690 1 2	3.70	10.60			
	18	6.7 (6.8)	7.1	698 2 1	3.70	10.65			
	19		7.8		3.65	11.45			
	20		7.9		3.65	11.55			
	21		8.2		3.65	11.85			
	22		8.4		3.65	12.05			
	23		8.2		3.65	11.85			
	24		8.4		3.65	12.05			
	25		8.6		3.65	12.25			
	26		8.5		3.65	12.15			

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Scale V

B Series 483

B 50 160 f 2 cont-

	DC.2	DC.2	Cu	
27	8.1		3.65	12.35
28	8.8		3.65	12.45
29	9.05 2 1 / 9.2	8.9	3.65	12.70
30	8.9 8.90 0 0	8.9	3.65	12.55
31	9.2 9.20 0 0	9.2	3.65	12.85
3 n	9.2 9 20 0 0	9.2	3.65	12.85
33	9.6 9.60 0 0	9.6	3.66	13.26
34	9.6 9.55 0 1 /	9.5	3.66	13.21
35	9.8 9.80 0 0	9.8	3.68	13.48
36	9.9 9.95 1 0	10.0	3.69	13.64
37	N.S.	N.S.	.	.

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Scale √

B Series 483

	B 50 160 g		f2 cont h		Diffr. Im.	
	sc.1	sc.2	sc.1	sc.2		
1	6.6 6.5		qf		.	
2	7.0 6.9		qf		.	
3	qf		qf		.	
4	qf		7.5		.	
5	qf		qf		.	
6	qf		qf		.	
7	7.8		qf		.	
8	qf		7.7		.	
9	qf		8.1	qf	0.45	8.55
10	qf		qf		.	.
11	qf		qf		.	.
12	8.8		qf		0.29	9.09
13	9.4	9.40 00	9.4		0.18	9.58
14	9.3	9.25 10	9.2		0.21	9.46
15	9.6	9.55 01	9.5		0.15	9.70
16	7		7		.	.
17	9.7		qf		0.13	9.83
18	7		7		.	.
19						
20						
21						
22						
23						
24						
25						
26						

12 35

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Friday, March 15, 1918.

Shutter 103

Scale m. 9:25

B Series 472.

B 500278 ~~+45 K~~ C5.

	pc 1	pc 2				g	h		P.C. pc 2
1	B.								
2	45 4.3				3.52				
4	4.5 4.3				3.70				
4a	4.7 4.5				3.67				
5	5.1 4.9				3.84				
6	5.6 5.4	5:1	565	01	3.51				
8	5.9 5.7	6.2	605	12	3.50				
9	6.4 6.2	6.5	645	01	3.27				
10	6.7 6.5	6.8	6.75	10	3.26				
12	6.7 6.5 6.9 6.7	7.1	7.1	6.95	3.26				
13		7.2			3.26				
14a		7.5			3.45				
15		7.9			3.26				
16		8.0			3.36				
18		8.6			3.22				
19		8.1			3.35				
20		8.7			3.52				
21		9.1			3.59				
22		9.20 00 9.2 9.40 00			3.81				
23		9.4 9.4 9.70 00			3.79				
24		9.1	9.1		3.78				
25		4.	4.						
27		ns.	ns.						
28									

	g	h		P.C. pc 2
	sc 1			
6	6.4 6.2		076	85 — 1.34
	sc 2			
7	7.8		022	9.21 — 1.18
7	7.8	9.2	040	9.4 — 1.20
8	8.2		017	9.4 — 1.03
8	8.6		034	9.6 — 066
9	9.2 9.20 00	9.2		
9	9.2 9.40 00	9.2	035	
9	9.4	9.4 9.75 01	032	
9	9.8	9.7	026	
10	10.1		011	

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Scale M B - Series 472 - All Con—

B 50024 145K carte 5 - 29.9

Diffn Im. PC

		sc.1	sc.2	Cu		g	h			sc 2	
145K	1	5.5		3.46	9.16	8.6	8.6 (8.60 00)	0.30	8.90	100 - 0.88	9.12
	2	6.2	6.5 6.45 01	3.35	9.80	g	9.3	0.24	9.54	ns.	.
	3	6.9	7.1 7.10 00	3.30	10.40	9.1	g	0.21	9.91		
	4		7.6	3.34	10.94	+	+	.	.		
	5		7.6	3.34	10.94						
	6		7.8	3.36	11.16						
	7		7.9	3.38	11.28						
	8		8.4	3.46	11.86						
	9		8.5	3.47	11.97						
	10		8.6	3.49	12.09						
	11		8.8 (8.80 00) 8.8	3.52	12.32						
	12		9.0 (9.10 11) 9.2	3.62	12.72						
	13		9.2 (9.20 00) 9.2	3.65	12.85						
	14		9.2 (9.25 01) 9.3	3.66	12.91						
	15		9.6 (9.65 01) 9.7	3.83	13.48						

See also next page.

Images much better than those on C plate!

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Scale M. B Series 472. Clk Corr -38 14

B500 25 ~~L. Cld~~ carte ~~5 22.693~~ 5 -31.5

Diff. Lm. PC

	PC 1	PC 2					PC 2		
1	B.	.		6.9 q	.	.	8.15	-1.43	7.07
2	B.	.		7.9 q	0.32	8.22	9.5	-1.17	8.33
3	53 5.1	3.52	8.82	8.2 q	0.32	8.52	10.0	-088	9.12
4	59 5.7 q 6.1	600 ⊥1 3.41	9.41	9.2 q	0.27	9.47	~~7.~~	.	.
5	6.6 6.4 6.5	655 01 3.34	9.89	9.8 q	0.20	10.00			
6	7.5	3.32	10.82	ns ns	.	.			
7	~~4.9~~ 7.78	3.35	11.05						
8	7.6	3.33	10.93						
9	8.1	3.40	11.50						
10	840 00 8.4 8.4	3.45	11.85						
11	870 00 8.1 8.1	3.50	12.20						
12	900 ⊥1 8.9 9.1	3.59	12.59						
13	9.30 00 9.3 9.3	3.69	12.99						
14	~~f.~~ ~~f.~~		.						
15	n.s. n.s.		.						

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Cofried B4: 103 (21Ks)
" 44: 98 Lg. Cl. I

Scale m- B Series 472- Alt Con-38

B 50025 L. Cld.

21KS

	sc.1	sc.2	sc.3	Cw.		Diff. Im. g	h		Pa. sc.2
						g 945 10			
1	6.6 (6.8)	6.9	685 01	3.31	10.16	9.5	9.4	0.24	9.69	≠ n.s.
2		7.5		3.31	10.81	≠	≠.		,
3		7.8		3.36	11.16				
4		8.3		3.44	11.74				
5		8.4		3.46	11.86				
6		8.5		3.47	11.97				
7		8.7	920 00	3.50	12.20				
8		9.2	9.2	3.64	12.84				
			930 L 1						
9		9.2	9.4	3.69	12.99				
			945 L 2						
10		9.3	9.6	3.74	13.19				
			970 00						
11		9.7	9.7	3.85	13.55				
			985 10						
12		9.9	9.8	3.91	13.76				

Seq. I

								Cofried			Cofried
a	B.		,			g	g	,	,	8.1	, ,
b	B.		,			g	g	,	,	8.5	-.143 7.07
c	B.		,			g	g	,	,	9.2	-.129 7.91
d	B.		,			8.1	g	0.32	8.42	9.4	-1.20 8.20
e	B.		,			g	g	,	,	9.4	-.120 8.20
f	B.		,			g	8.5	0.30	8.80	9.4	-.120 8.20
g	5.2 (5.3)	5.4	535 L 0	3.51	8.86	g	8.6	0.30	8.90	9.7	-.107 8.63
h	6.1 (6.2)	6.1	618 01	3.39	9.54	g	8.8	0.30	9.10	9.8	n.s. . .
k'	6.5 (6.6)	6.8	670 L 1	3.33	10.03	9.3	g (def.)	0.26	9.56		
l		7.4		3.31	10.71	≠	10.0	0.14	10.14		
m		7.8		3.36	11.16						
n		7.9		3.38	11.28						

Seq. I

Common to all

Cofried B 44: 99

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Scale m. B Series 472 Alt Corr -38

B 50075 L m cld

Diff Dm.

Seq. I

	Sec.				
o	8.5	3.48	11.98		
fv	8.7	3.50	12.20		
q	8.8	3.53	12.33		
r	9.2	3.65	12.85		
s	9.3	3.69	12.99		
t	9.1	3.86	13.56		
u	9.8	390	13.70		
w	+.	.			

Seq. IV

h4 5.8 5.6	6.1 595 ±	1.343	9.38	q	q	4
k4 q	q	.	.	q	q	
l 7.1 6.9	7.2 715 ± 0	3.30	10.45	+	+.	
m	7.9	3.37	11.27			
n	7.8	3.36	11.16			
o	8.1	3.41	11.51			
fv	8.5	3.47	11.97			
q	8.8	3.53	12.33			
r	9.2	3.65	12.86			
s	9.4	3.73	13.13			
+	9.5	3.78	13.28			
u	9.7	386	13.56			
w	10.1 ? 7+	.	.			

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22 H5 Cyned B234:130

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Scale M. B Series 472 Alt Com - 38

B50025 L. mg. Cld.

Seq. V =

22 K8

	sc1	sc2	Cu		g	h			
h	5.8 (6.0)	6.1	605 o	3.41	9.46	9.7	9.1	0.28	9.43
k	9.8	.	.	.	g	g		.	
l	6.7 (6.9)	6.9	690 o o	3.30	10.20				
m		7.1		3.30	10.40				
n		7.9		3.38	11.28				
o		8.1		3.41	11.51				
p		8.7		3.50	12.20				
q		9.1		3.62	12.72				
r		9.1		3.62	12.72				
s		superd		.	.				
t		9.7		3.86	13.56				

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Cofnid 34:61

Salem. B series 472- 116 Com-15

B # 50026 169K 5 39-45.0

	sc.1	sc 2			g h sc 1	g h sc 2			PC. sc 2
					9.80 00				
1	q.		,		9.8	9.8	0.19	9.99	†
2	q		,		†	†	.	.	ns.
3	7.1	q	3.30	10.40?					
4	q		,	,					
5	7.8		3.36	11.16					
6	8.1		3.41	11.51					
7	8.7		3.50	12.20					
8	8.8		3.53	12.33					
9	9.1		3.62	12.72					
	950 00								
10	9.5	9.5	3.77	13.27					
	960 01								
11	9.5	9.7	3.81	13.41					
	985 01								
12	9.8	9.9	3.91	13.76					
	10.00 00								
13	10.0	10.0	,	,					
14	†	†	,	,					
15	ns.	ns.	,	,					

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Scale m B Series 472— Act Con—09

B50077 146 K 6 – 30.

BC

	sc.1	sc.2			g 870 00	h			sc.2
1	5.3 5.1		3.352	8.82	8.7	8.7	0.30	9.00	f.
2	5.7 5.5	5.75 1.0 5.8	3.344	9.19	9	9.75 1.0 9.5	.	.	
3	6.0 5.8	6.1 6.3 6.3	6.22 2.11 3.38	9.60	9.7	9.8	0.20	9.95	
4	6.6 6.4	6.5	6.55 0.1 3.34	9.89	4	4	.	.	
5	6.9 6.7	7.2	7.05 1.2 3.30	10.35					
6		7.5	3.31	10.81					
7		7.7	3.34	11.04					
8		7.8	3.36	11.16					
9		8.1 8.15 1.0 8.2	3.42	11.57					
10		8.8 8.80 00 8.6	3.53	12.33					
11		8.8 8.95 2.1 9.1	3.57	12.52					
12		9.2 9.20 00 9.2	3.65	12.85					
13		9.8 9.80 00 9.8	3.90	13.70					
14		4 4	,	,					
15		n.s. ns	,	,					

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Scale m.

B Series 472

B 5 00 78 C5

	sc.1	sc 2		Diffr lm. sc.2 sc.1		P.C. sc 2
1	B		.	q 6.1 (63)	0.86	8.6 – 1.44
2	B.		.	q 7.8	022	9.3 – 1.28
4	4.3 (4.5)		370	7.9 q	0.30	9.6 – 1.40
4a	4.8 (5.0)		337	q q	.	9.7 – 1.33
5	5.0 (5.2)		374	q q	,	10.0 – 1.06
6	5.5 (5.7)	5.7	570 00 346	q 8.1	0.46	
8	5.8 (6.0)	6.3	6.15 2 1 340	(9.10 00) 9.1 9.1	0.45	
9	6.2 (6.4)	6.6	6.50 1 1 322	(9.50 00) 9.5 9.5	0.22	
10	6.5 (6.7)	6.6	665 1 0 336	q 10.0	0.01	
12	6.8 (7.0)	7.1	705 0 1 316	ns ns.	,	
13		7.2	326			
14a		7.6	335			
15		7.8	336			
16		7.9	346			
18		8.6	322			
19		8.6	345			
20		8.7	352			
21		9.1	359			
22		9.3	371			
23		9.4	379			
24		9.8	368			
25		?	,			
27						
28						

11 50

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Friday, March 22, 1918.

Scale m

B Series 472.

915 B50028 C5

	sc.1	sc.2	Diff	Diff. Im	Pc- sc.2
1	B.		.	q h .	
2	4.8 4.8 6		3.22	q q .	8.5 – 1.34
4	B.		.	q 7.8 0.22	9.2 – 1.18
4a	B		.	19 q 0.30	9.5 – 1.30
5	5.1 4.9		3.84	q 8.4 –0.03	9.9 – 1.53
6	5.8 5.6	5.7 5750 ± 1	3.41	q q .	10.0 – 1.06
8	6.1 5.9	6.3 6.20 ± 1	3.35	8.7 q 0.46	
9	6.3 6.1	6.6 6.45 ± 2	3.27	q 9.4 0.15	
10	6.6 6.4	6.8 6.70 ± 1	3.31	9.7 q 0.02	
12	7.0 6.8	7.2 defective 7.10 ± 1	3.11	10.0 q 0.01	
13		7.3	3.16		
14a		7.6	3.35		
15		7.9	3.26		
16		8.1	3.26		
18		8.6	3.22		
19		8.6 8.650 1 8.7	3.40		
20		8.8 8.750 1 8.7	3.47		
21		9.2 9.150 1 9.1	3.54		
22		9.4 9.350 1 9.3	3.66		
23		9.6 9.450 1 9.4	3.74		
24		9.6 9.70 ± 1 9.8	3.78		
25		n.s n.s	.		
27					
28					

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Scale B Series 472- All Corr to 2

B 50029 E4- No change in P.C.

			Dc.1	Dc.2			P.C. Dc.2			
		1					8.1	−1.37	6.73	3.53
		2					8.1	−1.36	7.34	3.55
		3					8.9	−1.35	7.55	3.55
		4					9.1	−1.34	7.76	3.82
		5					9.1	−1.34	7.76	3.82
B 50028 only Curve magn.	Copied 27: 125	6					9.3	−1.33	7.97	
		7					9.2	−1.34	7.86	
3.51	8.71	8	5.2 5.0			3.24	8.44	9.1	−1.30	8.40
3.38	9.38	9	6.0 5.8			3.08	9.08	?	,	,
3.38	9.40	10	5.9 5.7	5.9 5.7	6.1 6.2	6021121 3.08	9.10	?	,	;
3.30	9.65	11	6.3 6.1	6.4	635 L0	3.03	9.38	ns.	,	
3.30	9.65	12	6.3 6.1	6.4	635 L0	3.03	9.38			
3.27	9.82	13	6.6 6.4	6.5	655 01	3.01	9.56			
3.28	9.78	14	6.5 6.3	6.5	650 00	3.02	9.52			
3.30	9.70	15	6.4 6.2	6.4	640 00	3.03	9.43			
3.24	dbl ? 9.94	16	6.7 6.5	6.7?	670 00	3.00	9.70			
3.20	10.35	17	7.1 6.9	7.2	715 L0	2.98	10.13			
3.20	10.60	18		7.4		2.99	10.39			
3.20	10.70	19		7.5		2.99	10.49			
3.20	10.80	20		7.6		2.99	10.59			
3.22	11.02	21		7.8		3.00	10.80			
3.27	11.37	22		8.1		3.01	11.11			
3.28	11.48	23		8.2		3.03	11.23			
3.29	11.79	24		8.3		3.04	11.34			
3.39	12.09	25		8.1		3.06	11.76			
3.41	12.21	26		8.8		3.08	11.88			

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Friday March 22, 1918.

Scale B Series 472.

B50029 E4-

B50028 only

Curve	Magn.		sc. 2		
3.53	12.63	27	9.1	3.14	12.24
3.55	12.75	28	9.2	3.17	12.37
3.55	12.75	29	9.2	3.17	12.37
3.82	13.52	30	9.7	3.32	13.02
3.82	13.52	31	9.7	3.32	13.02
too near diffr. ring		32	q	.	.
.	.	33	10.0	3.46	13.46
		34	ms	.	.

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Friday March 22, 1918.

Cofried 27:125

Scale M

B series 4.72 - Alt. +0.02

			B 50029 g pc.1 sc.2		E4 - h pc.1 sc.2	Diff. Inn.	
			66				
~~3.25~~		1	6.4		q	.	
		2	q		.	.	
		3	q		q	.	
		4	q		.	.	
		5	7.6		.	0.21	7.81
		6	q		.	.	.
		7	q		q	.	.
0.19 ~~3.30~~	8.59	8	8.4	8.40 00	8.4	0.04	8.44
0.16 ~~3.89~~	8.86	9	8.7	8.70 00	8.7	0.00	870
		10	q		q	.	.
0.15 ~~3.90~~	8.90	11	8.7	875 10	8.8	-0.01	8.74
0.11	9.21	12	q		9.1	-0.06	9.04
0.10	9.40	13	q		9.3	-0.08	9.22
0.10	9.40	14	9.3	9.30 00	9.3	-0.08	9.22
0.08	9.63	15	9.6	9.55 01	9.5	-0.11	9.44
0.06	9.76	16	9.7	9.70 00	9.7	-0.13	9.57
0.02	10.02	17	q		10.0	-0.16	9.84
		18	7		7	.	.
		19	7		7.	.	.

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Scale m

B Series 472-

Alt Corr - 92

B 50030

Pole.

B 50028 only
Curve magn.

B 50028 only
Curve magn.

Diffs. Im.

No change in P.C.

			sc.1	sc.2										P.C. sc.2		
		a	B													
		b														
		c														
		d														
		e	B													
3.59	8.49	f	4.49 4.7			3.32	8.22							7.8	-1.37	6.43
3.59	8.49	g	4.49 4.7			3.32	8.22							8.5	-1.36	7.14
3.51	8.71	q	5.1 4.9	5.3	5.20 1.1	3.24	8.44							8.8	-1.35	7.45
3.48	8.98	h	5.5 5.3	5.5	5.50 0.0	3.18	8.68							9.3	-1.33	7.97
3.29	9.74	k	6.4 6.2	6.5	6.45 0.1	3.02	9.47							9.1	-1.34	7.76
3.20	10.20	l	6.9 6.7	7.1	7.00 1.1	2.98	9.98							9.5	-1.31	8.19
3.20	10.60	m		7.4		2.99	10.39							9.6	-1.30	8.30
3.20	10.80	n		7.6		2.99	10.59							10.0	-1.27	8.73
3.20	10.90	n'		7.7		2.99	10.69									
3.21	11.01	o		7.8		2.99	10.79									
3.24	11.14	p		7.9		3.00	10.90									
3.27	11.37	q		8.1		3.01	11.11									
3.30	11.70	r		8.4		3.04	11.44									
3.32	11.82	s		8.5		3.05	11.55									
3.30	11.70	t		8.4		3.04	11.44									
3.39	12.09	u		8.7	8.95 1.2	3.07	11.77									
3.48	12.43	w		9.1	8.8 9.40 0.0	3.10	12.08									
3.68	13.08	x		9.4	9.4 9.60 0.0	3.23	12.63									
3.78	13.38	y		9.6	9.6 9.60 1.1	3.28	12.88									
3.78	13.38	z		9.7	9.5 9.95 1.0	3.28	12.88									
.	.	α		9.9	10.0	3.45	13.40									
		β		1.	1.	.	.									
		γ		10.0?		3.47	13.47									

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Friday March 22, 1918.

Comet 34.65

Scale M

B Series 472.

Alt Com +02

B 50028 only
Curve magn.

B 50031

173K

9 36-45

B 50028 only
curve magn.

"no change in PC"

			sc 1	sc 2			g sc 1	h sc 2		P.C. sc 2	
	Corrected B/C 34.65	1	B				g	g			
		2	B.	B			g	g		7.	
3.35	9.45?	3	g	6.1?	3.07	9.17?	g	g			
3.30	9.70	4	6.3 6.1 6.4	6.5 6.40 ⊥ 1	3.02	9.42	9.6	g	−0.12 0.07 9.48	9.67	
3.29	9.74	5	6.2 6.8	6.5 6.45 0 1	3.02	9.47	7	dup.?			
3.23	10.03	6	6.6	6.8 6.80 0 0	2.99	9.79					
3.20	10.40	7		7.2	2.98	10.18					
3.21	11.01	8		7.8	2.99	10.79					
3.27	11.37	9		8.1	3.01	11.11					
3.28	11.48	10		8.2	3.03	11.23					
3.35	11.95	11		8.6	3.06	11.66					
3.41	12.21	12		8.8 9.10 0 0	3.07	11.87					
3.53	12.63	13		9.1 9.1 9.45 0 1	3.14	12.24					
3.70	13.15	14		9.4 9.5 9.80 0 0	3.23	12.68					
3.87	13.67	15		9.8 9.8 10.00 0 0	3.37	13.17					
3.90	13.90	16		10.0 10.0	3.47	13.47					

Images poor, especially bright stars and diffr. rings.

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Friday March 22, 1918.

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Scale M. B Series 472 Alb Con + 04

B 50028 only B 50032 Carte 10 -40.5

Curve Magn.

Copied B123 5:106

			pc 1	sc 2				g	h	P.C.
		1	B poor							sc 2
		2	B					all		9.1 -1.30 8.40
3.38	9.38	3	6.0 5.8			3.08	9.08	two		9.8 -1.29 8.51
3.28	9.73	4	6.4 6.2	6.5	645 01	3.02	9.47	poor.		ns .
3.23	10.03	5	6.8 6.6	6.8	680 00	2.99	9.79			
3.22	10.07	6	6.8 6.6	6.9	685 01	2.99	9.84			
3.20	10.40	7		7.2		2.98	10.18			
3.24	11.14	8		7.9		3.00	10.90			
3.27	11.37	9		8.1		3.01	11.11			
3.36	11.96	10		8.6	8.60 00 8.6	3.06	11.66			
3.40	12.15	11		8.7	875 10 8.8	3.07	11.82			
3.68	12.98	12		9.3	9.30 00 9.3	3.20	12.50			
3.90	13.85	13		9.9	9.95 10 10.0	3.45	13.40			
Fainter than 10.0		14		?	?	.	.			
		15								

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Scale M B Series 472 Alt Corr - 13

D 500 28 only Curve Magn. B 500 33 Carte 10-645 B 500 28 only Curve Magn. BC. No change in PC

			sc.1	sc.2				q	h			sc.2		
		1	B.			,		B	B			8.2	−1.37	6.83
		2	B			,		B	B			8.6	−1.36	7.24
3.66	8.26	3	4.6 4.4			3.41	8.01	q	8.1	0.11 0.22	8.21 8.32	8.8	−1.35	7.45
3.60	8.45	4	4.8 4.6	4.9	485 01	3.33	8.18	8.2	q	0.09 0.21	8.29 8.41	7.95	−1.31	8.19
3.38	9.43	5	6.0 5.8	6.1	605 01	3.08	9.13	q	8.8?	−0.02 0.45	8.78? 8.85	2S	,	,
3.29	9.74	6	6.4 6.2	6.5	645 01	3.02	9.47	9.2	q	−0.08 0.10	9.12 9.30			
3.23	9.98	7	6.7 6.5	6.8	675 L0	2.99	9.74	9.50 00	9.5	−0.10 0.08	9.40 9.58			
3.20	10.80	8		7.6		2.99	10.59	ns.	ns.	.	.			
3.24	11.14	9		7.9		3.00	10.90							
3.28	11.48	10		8.2	860 00	3.03	11.23							
3.35	11.95	11		8.6	8.6	3.05	11.65							
3.40	12.15	12		8.8	875 01 8.9	3.07	11.82							
3.50	12.50	13		9.1	900 11 8.9	3.11	12.11							
3.48	12.43	14		9.0	895 01 8.9	3.10	12.05							
3.95	14.05	15		10.2	1	3.51	13.61							

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Sheet 142

Friday, March 22, 1918

Scale M

B Series 472

B50034 C6-

	sc.1	sc.2	g sc.2	h	P.C. sc.2
1			g .		8.2 — 1.44
2			g .		8.3 — 1.42
3			g g		9.1 — 1.59
4	Cll		7.7 g	0.14	9.1 — 1.54
5			g g 8350 1	.	9.1 — 1.33
6	C6-		8.4 8.3 8952 0	-0.14	9.4 — 1.19
9			8.8 9.1	-0.36	10.0 — 1.41
10	K032		9.3 g 9.80 8 0	-0.40	7. .
12			9.8 9.8	-0.46	
13					
14	g		.		
16		7.8	2.72		
17		8.1	2.68		
19		8.1 8400 0	2.83		
21		8.4 84 8551 0	2.86		
22		8.5 8.6 9.10 0	2.99		
23		9.1 9.1 9451 0	2.73		
24		9.5 9.4 9551 0	2.71		
25		9.6 95	2.78		
26		scr. 9901 1	.		
27		10.0 98	3.23		
28		ns	.		
30					

Images very poor — Do not meas. bk stars per H.S.L.

1115

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Tuesday April 9, 1918

Sheet 141

Scale m

10 — 10

B 48734 C12. C1

B Series 348.

	pc.1	pc.2			Diff. Im. q	w		PC pc.2
1					7.25 1 0			
2					7.3	7.2	−0.07	8.8 −1.62
3	B.				7.3	7.6	0.09	9.0 −1.61
4					7.6	7.6	−0.10	9.21 −1.70
	5.1							9.5 −1.54
5	5.7 4.9							9.8 −1.47
7a	5.5	5.1	5.70 0 0	3.23 3.16	9.35 1 0		−0.27	ns.
9	6.1 5.9	6.21	6.15 1 0	3.18	9.3	9.4	−0.07	
	6.7				9.70 0 0			
11	8 6.5	6.5	6.60 1 1	3.09	9.7	9.7	−0.01	
	7.0							
12	9 6.8	7.21	7.10 1 1	2.92	9.8	10.0	0.02	
13a		7.6		2.84				
14	11	7.8		2.82	ns.	ns.		
15	12	7.9		3.14				
16	14	8.1		3.10				
17	16	8.4		3.10				
		8.6	8.70 1 1	8.8				
18	17	8.5	8.60 1 1	8.7 3.24				
18a								
19	17a	8.8	8.85 0 1	8.9 3.36				
20	18	9.5	9.45 1 0	9.4 3.17				
			10.05 1 0					
24	20	10.1	10.0	2.84				
	21							
	23							
	24							
	26							
	27							
	29							

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Scale m.

B Series 348.

Att Corr -.01

B 48 7 35 Carte 1 – 51.5

	pc.1	pc.2	Cu.		g	h		PC	
						pc2			pc.2
1	6.0 5.8	6.1 6.05	01 3.16	9.21	9.1	9.15 L0 9.2	-.011	9.04	ws.
2	6.5 6.3	6.5 6.50	00 3.11	9.61	9.5	9.45 10 9.7	-.007	9.38	
3	7.0 6.8	7.2 7.10	L1 3.06	10.16	†	†.	,	,	
4		7.5	3.04	10.54					
5		7.6	3.04	10.64					
6		7.9	3.05	10.95					
7		7.9	3.05	10.95					
8		7.9	3.05	10.95					
9		8.5	3.08	11.58					
10		8.5	3.08	11.58					
11		8.8 8.80	00 3.10	11.90					
12		9.2 9.20	00 3.13	12.33					
13		9.6 9.50	11 3.18	12.68					
14		9.9 9.85	10 3.24	13.09					
15		†.	,	,					

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Tuesday April 9, 1918

Cofnid 35:54

Scale M

B Series 348.

Alt Corr +07

B 48737 Cate 1 — 16.5

		sc.1	sc.2		Diffr Inn. g h		RC sc.2		
1	B		.	.	g 7.7? v.p. 8.55 1.0	−0.09	7.61	9.1 −1.54	7.56
2	B.		.	.	8.5 8.6	−0.19	8.36	9.6 −1.53	8.07
3	g		.	.	9.9 g	−0.02	9.88	↓ .	.
4	B.g		.	.	ns ns.	.	.		
5	B.g		.	.					
6		8.4	308	11.48					
7		8.4	308	11.48					
8		8.8	310	11.90					
9		9.2 9.55 01	314	12.34					
10		9.6 9.5 9.65 10	318	12.73					
11		9.7 9.6 9.70 00	319	12.84					
12		9.7 9.4 9.85 10	319	12.89					
13		9.9 9.8	321	13.06					
14		↓. ↓.	.	.					
15									

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Scale m. B series 348 Alt Com + 06

B 4873 8 Cate 1 — 7.5°

Diff Im. PC.

	Sc. 1	Sc. 2			g	h			pc²
1	5.7 5.5	5.6	5.65	10 3.22	8.87	9	8.1	-0.08 8.62	f.
2	6.6 6.4	6.6	6.60	00 3.10	9.70	9.6	9.6	9600 00 -0 -0.02 9.58	
3	7.1 6.9	7.3	7.20	1 1 3.05	10.25	7	7.	,	
4		7.4		3.04	10.44				
5		7.6		3.04	10.64				
6		7.8		3.04	10.84				
7		8.4	8.35	01 3.08	11.43				
8		9.0	9.05	01 3.03	1208				
9		9.1	9.10	00 3.03	12.13				
10		9.1	9.70	00 3.19	12.89				
11		9.1	9.75	10 3.20	1295				
12		7.	7.	,	,				
13									
14									
15									

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Sheet 141

Tuesday April 9, 1918.

Scale m

B Series 348

B48739 01

	sc1	sc2						G.C. sc2
				g	h			
				7.30 00				
1	B.		.	7.3	7.3	−0.12		8.8 − 1.62
2	B.		.	7.5	9	−0.11		9.0 − 1.61
3	3.5 3.3		4.00	7.60 00	7.6	−0.10		8.9 − 1.40
4	B.		.	9	9	.		9.4 − 1.44
5	4.8 4.6	B.	3.53	9	8.5	−0.42	17	9.9 − 1.57
9	6.2 6.0	5.9 6.05 2 1	3.23	9.25 10	9.3	9.2	0.03	
11	6.5 6.3	6.5 6.50 00	3.19	9.70 00	9.7	9.7	−0.01	
12	7.0 6.8	6.8 6.90 1 1	3.12		10.1		−0.08	
14		7.6	3.02	ns	ns.		.	
15		8.1	2.94					
16		8.1	3.10					
17		8.5 8.50 00	3.00.					
18		8.9 9.00 1 1	2.94					
19		8.8 9.2 9.09 1 2 0	3.14					
20		9.5 9.50 00	3.12					
21			.					
24		ns.	.					

1175

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Disc

Sheets 144

Saturday, april 20, 1918.

Scale m

B series 209.

9.55 B 47322 cq.

	sc.1	sc.2		Diff'm		P.C. sc.2
3	B.		.	6.8 6.7 735 0/L	+0.24	8.4 −1.36
4	B		.	7.4 7.3 7.70 6.0	0.47	8.1 −0.88
5	3.7 (3.9)		4.16	7.7 7.7	0.36	8.8 −0.74
6	4.6 (4.8)		3.67	q q 8.70 L1	.	9.2 −0.73
6a			.	8.6 8.8	0.34	9.6 −0.96
7	5.4 (5.6)		3.44			9.7 −0.66
8	5.5 (5.7)	5.9	5.80 L1 3.73	9.1 q	+0.48	9.7 −0.17
8a	5.9	6.1	6.10 0 0 3.58	q 9.40 0 0 q2	0.48	
9	6.5 (6.7)	6.7	6.70 0 0 3.39	9.4 9.4	0.69	
12	6.6 (6.8)	7.0	6.90 L1 3.67	9.5 q	1.07	
14		7.5	3.29	q q	.	
15		7.8	3.33			
16		8.1	3.50			
17		8.4	3.43			
18		8.8	3.61			
20		9.1	3.66			
21		9.1 (9.10 0 0)	9.1 3.96			
22		9.4 (9.50 L1)	9.6 3.90			
23		9.6 (9.60 0 0)	9.6 4.14			
24		9.7 (9.70 0 0)	9.7 4.23			
25		9.8 (9.80 0 0)	9.8 4.33			
27		n.s	n.s. ,			

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~~Mon~~ Saturday, april 20, 1918

Salem.

B Series 209-

B 47323 Eros 1902-3 14 45-41°

	sc 1	sc 2			Pt.
			g	h	sc 2
1	B		g	7.1	8.4
2	B.		g	7.4	9.2
3	4.6		g	8.1	9.4
4	5.2	5.5	g	g	1?
5	5.9	6.1	9.1	9.1	
6	6.2	6.3	g	9.3	
7	6.8	6.9	g	9.8	
8		7.5	g	g	
9		7.8			
10		8.2 g			
11		8.5			
12		8.7	8.7		
13		8.9	9.1		
14		9.4	9.2		
15		9.6	9.6		
16		9.8	9.8		

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Saturday april 20, 1918.

Scale m. B Series 209.

B 48325 18 | K 17 48 - 45,0

	sc.1	sc.2		Diff tm.		sc.2 PC.
1	B.			84	8.4	9.2
2	5.2	5.6		9	8.5	?
3		7.6		~~Ins~~	~~Ins~~	
4		7.6				
5		7.6				
6		8.0				
7		8.4				
8		8.4				
9		8.7				
10		8.6	8.6			
11		8.8	8.9			
12		8.9	9.1			
13		9.6	9.5			
14		9.7	9.4			
15		9.7				

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Saturday April 20, 1918.

Scale m.

B Series 209

B 47326. Eros 1910 18 00 -42°

	pc.1	pc.2		Diffr Im. g h	pc. pc2
1	B.				78
2	4.5			all bō floor.	9.2
3	9				96
4	5.4	5.1			m.s.
5	5.8	6.1			
6	6.6	6.8			
7	7.0	7.1			
8		7.4			
9		7.9	8.1		
10		8.1	8.1		
11		86	8.5		
12		8.7	8.7		
13		9.4	9.4		
14		9.	9	4 stars very poor.	
15					

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Slit 144 ~~166~~

Saturday April 20, 1918

Scale m -

B Series 209.

B 47333 C11 -

	sc1	sc2		Diff. Im. q h sec2			RC. sc2	
1								
1a				5.7	q	1.11	7.9	
2	B.		.	q	6.3	0.78	8.4	-1.32
3	B.		.	7.3	q	0.37	9.1	-1.43
4	B.		.	7.6	q	0.31	9.2	-1.29
5	B.		.	q	8.1	0.20	9.9	-1.60
6	B.		.	8.1	q	0.36	9.8	-1.34
7	B		.	8.6 (8550 A)	8.5	0.28	7.	,
8	4.2 4.0		4.83	q	8.8	0.23		
10	4.9 4.7		4.55	9.7 (9650 A)	9.6	-0.16		
12	5.8 5.6	5.8	5.80 ∞	ns	ns	,		
14	6.0 5.8	6.2	6.10 ± 1 3.87					
15	6.6 6.4	6.4	6.50 1 ± 3.90					
16		7.1	3.60					
17		7.6	3.42					
20		8.1	3.29					
23		8.1	3.16					
24		9.1	3.30					
25		9.4	3.17					
26		9.9	3.00					
29		10.1	3.04					
Ha		7.9						

11 20

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Monday April 22, 1918.

Sheet 144

Scale m

B Series 203.

10 45

B 47 264 Cg.

	sc.1	sc.2		
3	B.			.
4	B.			.
5	4.1 3.9			3.96
6	4.7 4.5			3.77
6a	4.8 4.6			3.84
7	5.3 5.1	5.2	5.25	1 0 3.79
8	5.8 5.6	5.6	5.70	1 1 3.83
9	6.1 5.9	6.3	6.20	1 1 3.89
12	6.7 6.5	6.8	6.75	1 0 3.82
14		7.3		3.49
15		7.6 8.6 ws.		3.53
16		8.1		3.50
17		8.1		3.73
18		8.6		3.81
20		9.1	9.00 1 1 8.9	3.76
21		9.3	9.30 0 0 9.3	3.76
22		9.4	9.40 0 0 9.4	4.00
23		9.6	9.60 0 0 9.6	4.14
24		9.7	9.75 1 0 9.8	4.18
25		f.	f.	.
27				

trace reem

Diff. Im. sc.1	sc.2	
6.1	q	0.94
q	7.1	0.72
q	7.6	0.46
q	q	.
q	q	.
8.7	q	-0.84
9.1	q	0.43
q	9.6	0.49
q	9.8	0.77
f	f.	.

PC sc.2	
8.3	-1.26
8.7	-0.88
9.1	-1.04
9.4	-0.93
9.7	-1.06
10.1	q -1.06

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Monday April 22, 1918

Scale m.

B Series 203-

B 47265 Eros 1902-3 17 45 - 41.0

		sc.1	sc.2	Diffrl m. g	h	P.C. sc.2
	1	B.		g	7.1	8.5
	2	4.0		g	7.7	9.0
	3	4.4		g	8.1	9.4
	4	5.0	5.2	8.4	8.4	nearly sup.
	5	5.6	5.9	9.1	9.2	
	6	6.3	6.5	g	9.4	
	7	6.9	7.1	9.8	g	
	8		7.8	f	f.	
	9		8.1			
H star close	10		8.3			
	11		8.5	8.5		
	12		8.8	8.8		
	13		9.1	9.1		
	14		9.3	9.4		
	15		f.	f.		

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Monday April 22, 1918.

Scale M

B Series 2103-

B47267 181K 17 48-45.0

	Diffr. Im.		Pc.
	g	h	pc 2
1	8.5	8.6	9.5
2	9	8.5	9.5
3	ns	ns	ns.
4	ns	ns.	

	pc. 1	pc 2
1	B.	
2	B.	
3	7.9	
4	7.9	
5	7.9	
6	8.2	
7	8.4	
8	8.5	
9	8.8	
10	8.8	
11	8.8	9.0
12	9.3	9.4
13	9.7	9.1
14	9.1	9.1
15	f.	f.

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Monday april 22, 1918.

Scale m.

B Series 203-

B 472.68 Eros 1910 18 00 -42 0

Diffr Im.

	sc 1	sc 2		P.C. sc. 2
1	B.		q q elong.	8.1
2	B.		8.3 8.2	9.3
3	q		8.5 8.4	9.8? correct ident?
4	5.5	5.6	9.1 q	7-
5	6.1	6.3	9.5 q	
6	7.0	7.1	7 7-	
7		7.5		
8		7.8		
9		8.4		
10		8.4		
11		9.0	9.0	
12		9.1	9.2	
13		9.7	9.7	
14		9.7	9.8	
15		7	7	

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Monday April 22, 1918.

Shew 144

Scale M

B Series 203.

B 4727 & C 10.

	sc.1	sc.2	
1	B.		
2	B.		
3	|		
4	|		
6	|		
7	B.		
8	q		
9	B.		
10	B.	6.2? q	.349
11	6.8 6.6?	6.5? q 6652	.339
12		7.2	.329
13		7.9	.283
15		8.1	.307
16		8.6	.292
17		8.8	.310
18		nearly emp.	,
19		9.8	.294
20		10.0	.287
21		ns	,
22			
24			

Diff. Inv.

sc.2		
q 6.6	0.24	
q 7.4	0.01	
7.2 q	0.14	
7.8 q	0.04	
q q 8.40 8.00	,	
8.4 8.4 9.25 10	-.011	
9.3 9.2 9.40 1	-.015	
9.5 9.7	-.020	
7 10.0	-.031	
7 7.	,	

PC.

sc.2	
8.3	-.146
8.7	-.129
8.7	-.136
9.1	-.126
q	,
9.5 6	-.131

All b't plates are very poor!

1140

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Shut 145 Discordant. not reduced.

Tuesday May 28, 1918.

Scale M.

B Series 418.

10:05 B 49469 C4

	sc.1	sc.2	sc.2		Diff. Im.			PC
					f	h	sc.2	sc.2
1	B.			,	6.7	f	0.01	8.7 – 1.99
2	48 4.6			2.41	f	7.5	–0.29	9.2 – 1.99
3	49 4.7			2.42	f	f	,	9.2 – 1.88
4	52 5.0			2.54	f	8.1	–0.36	9.6 – 1.86
4a	54 5.2			2.55	f	8.3	–0.35	9.7 – 1.75
5	59 5.7	5.9	5.90	0.0 2.51	d	9.10	0.0 ,	9.8f – 1.39
7	61 5.9	6.2	6.15	–0 2.59	9.1	9.1	–0.36	
8	63 6.1	6.5	6.40	–1 2.47	f	9.1	–0.23	
9	68 6.6	6.9	6.85	0.1 2.49	9.6	9.5	–0.21	
11		7.4		2.55	10.0	7.5?	–0.05	
13		7.6		2.59	ns	ns.	,	
14		7.9		2.84				
16		8.3		2.80				
17		8.7		2.80				
18		8.8		3.13				
19		9.4		2.72				
20		9.5		3.00				
22		9.7		3.08				
23		9.7		3.30				
24		ns.		,				
26								
27								
9a	6.87			2.92				

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Tuesday May 28, 1918

Copied Book 35 p. 84

Scalem

B Series 418

alt cor. +.07

B4947 o. Carte 6 − 23.5

	sc.1	sc.2	Reduced by B4946 only		Diff. Inn. g	h		PC sc.2
1	B.				83 g	−.36	7.94	9.5 −.30 9.20
2	4.8 5.0		2.47	7.97	g 8.6	−.34	8.26	9.8? −.16 9.64?
3	5.5 5.7	g	2.49	8.19	8.7 8.75 8.8	−.33	8.42	10.0? e e
4	6.4 6.6	6.60 6.6	2.53	9.13	9.7 9.45 9.5	−.21	9.24	
5	6.7 6.9	7.00 7.1	2.57	9.57	9.8 9.80 9.8	−.12	9.68	
6		7.5	2.62	10.12	9.9 7.	−.09	9.81	
7		7.7	2.64	10.34	ns. ns.			
8		8.5	2.82	11.32				
9		8.8	2.90	11.70				
10		8.9	2.92	11.82				
11		9.0	2.93	11.93				
12		9.0	2.93	11.93				
13		9.2 9.15 9.1	2.97	12.12				
14		9.3 9.30 9.3	3.01	12.31				
15		9.3 9.30 9.3	3.01	12.31				
16		9.6 9.65 9.7	3.10	12.75				
17		9.8 9.90 9.8	3.13	12.93				
18		10.0 10.00 10.0	3.18	13.18				

Star mis-reg poor.

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1918phae..proj..10850

Tuesday, May 28. 1918. Cpied BK35 p.132.

Scale M B Series 418 Alt. cor. +.03

B 4947.1 Carte 6 – 40.5

	sc.1	sc.2			g sc.2	h sc.2		P.C.	
1	B.	B.							
2	5.6 5.8	B	2.49	8.29	7.5 8	8.35 8.4	-.37	7.97	9.9 e
3	6.4 6.6	6.8 6.70	2.54	9.24	9	9.3	-.25	9.05	ns
4	7.0 7.2	7.4 7.30	2.60	9.90	10.0 10.00	10.0	-.07	9.93	
5	7.8		2.67	10.47	ns	ns.			
6	8.4 2		2.75	10.95					
7	8.4		2.86	11.20					
8	8.9		2.92	11.82					
9	9.0		2.93	11.93					
10	9.1 9.15	9.2	2.97	12.12					
11	9.3 9.35	9.4	3.01	12.36					
12	9.8 9.80	9.8	3.13	12.93					
13	10.0 10.00	10.0	e	.					
14	4?	ns							
15	ns.								

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Tuesday May 28, 1918.

Scale M

B Series 418

B 49 47 20 D4.

	sc. 1	sc. 2	sc. 2 Bc.
1	4.8		9.4
2	9		9.1
3	9		9.1
4	5.5		ns. defect?
5	5.9	5.9	
6	6.1	6.4	
7	6.4	6.4	
8	6.6	6.6	
9	5.9	6.3	
10	6.4	6.6	
11	6.8	7.0	
12		7.6	7.5
13		7.5	
14		7.8	
15		7.9	
16		7.9	
17		8.0	7.9
18		8.0	7.9
19		8.1	
20		8.3	
21		8.6	
22		8.8	
23		8.8	
24		9.2	
25		9.2	
26		9.5	

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Scale M

B Series 418

B 4947z

28.2
29 9.9
28 10.0
29 n.s.
30

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Tuesday May 28. 1918

Scale M

B Series 418

	B 4947 21 g Dec. 1	Dec. 2	D 4- h Dec. 1	Dec. 2	Diffr. Inv.
1	q		q		
2	q		q		
3	q		q		
4	8	8.4		q	
5		q		q	
6		9.1		q	
7		9.4		9.3	
8		q		9.6	
9		q		9.3	
10		q		9.4	
11		10.0		10.0	
12		ns		ns	
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

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1910phae.proj.10050

Sheet 145

Tuesday May 28, 1918.

Scale m.

B Series 418

B 49473 C4-

	Sc.1	Sc.2	Diff
	6.4		
1	6.2	6.2 630	± 0.41
	6.8		
2	6.6	7.0 690	± 0.31
	6.6		72
3	6.4	6.6 660	00 0.34
4		7.4	0.34
4a		7.5	0.45
5		7.7	0.71
7		8.1	0.64
8		8.2	0.67
9		8.4	0.94
		9.10	00
11		9.1	9.1 0.85
		9.35	10
13		9.3	9.4 0.84
		9.50	00
14		9.5	9.5 1.24
		9.70	00
16		9.7	9.7 1.40
17		f.	f. ,
18			
19		f.	,
20			
23			
24			
26			
27			
9a		8.6 / 8.8	1.02

Diff Im.

g	h	PC
		pc.2
		f.
g 8.8	−2.09	
g 9.3	−2.09	
g 9.1	−1.78	
f. 10.0	−2.26	

Does not show as ft stars as first C plate — same region —

1105 —

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Monday June 10, 1918.

Scale m

10 10

B Series 359.

B 48854 C2.

	sc 1	sc 2	Diff	Diff. Ins. g sc 2			PC sc 2
1	B		,	6.2	g	0.74	8.4 −.146
3	B		,	g	6.7	0.54	8.6 −.136
3	B 3.9		,	g	7.1	0.54	8.8 −.116
4	3.7 4.7		4.30	7.7	g	0.50	9.4 −.120
6	4.5		3.97	8.5 8.60	g	0.17	10.0 −.133
7	4.8 4.6 5.2		4.26	8.6 9.15	8.6 −.0	0.46	10.0 −.094
10	50 5.8	5.4	5.30 ± 1 4.05	9.1 9.50	9.2 ±.1	0.20	
11	5.6 6.3	5.7	5.75 0 ± 3.99	9.4	9.6	0.24	
12	6.1 6.8	6.3	6.30 00 3.66	10.0	∓.	−.004	
12a	6.6	6.8	6.80 00 3.61	ns.	ns.	,	
14		7.4	3.39				
16		7.6	3.58				
17		7.8	3.63				
19		8.4	3.43				
21		8.6	3.74				
22		8.9	3.60				
23		9.2	3.59				
24		9.4					
26		10.1	3.57				
27		n.s.	,				
28							
29							
30							

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Monday June 10, 1918.

Cofried 35!8

Scale m. B Series 359. Alt Corr +06

B 48855 Carte 3 – 2.5

	pc.1	pc.2		Cw.		Diff. dm.			BC.
						g h.			pc.2
1	B.					8.60 00			
						86 86	0.28	8.85	7.
2	5.4 (5.6)	5.7	5.50	1	4.00	9.50	10.0 ns.?	-.017	10.17
3	6.3 (6.5)	6.6	6.55	1.0	3.81	10.36	ns. ns.	,	,
4		7.3	7.70	00	3.70	11.00			
5		7.1	7.7	8.80 11	3.62	11.32			
6		8.9	8.1	9.40 00	3.41	12.21			
7		9.4	9.4	9.70 00	3.28	12.68			
8		9.1	9.1		3.21	12.91			
9		def.?	def.?		,	,			
10		ns.	ns.		,	,			
11									
12									
13									
14									
15									

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Salem B Series 359. Alt Cor +.07

B 48856 Carte 3 - 16.5

	Dc.1	Dc.2			Diff. Im. g h			Dc. Dc.2		
1	B 4.9		.Cu	Magn	6.55 1 0 6.5 6.6 9.10 0 0	0.63	7.18	8.1	-1.37	7.33
2	5.1 4.9 4.7	5.3 5.1	5.10 0 2 2 0	4.06	9.16	9.1 9.1	0.14	9.24	10.0	-1.19	8.81
3	5.8 5.6	5.7	5.7 5 0 1	3.96	9.71	g 9.5	0.02	9.52			
4	6.6 6.4	6.4	6.50 1 1	3.82	10.32	ns? 10.0	-0.17	9.83?			
5	7.1 6.9	7.3	7.20 1 1	3.72 3.68	10.92						
6		7.4		3.68	11.08						
7		7.8		3.60	11.40						
8		7.9		3.59	11.49						
9		8.3		3.51	11.81						
10		8.5		3.48	11.98						
11		8.5		3.48	11.98						
12		8.8		3.40	12.20						
13		8.6 8.6	8.6 0 0	3.44	12.04						
14		9.1 8.9	9.0 0 1 1	3.36	12.36						
15		9.3 9.3	9.3 0 0	3.30	12.60						
16		9.4 9.5	9.4 5 0 1	3.27	12.72						
17		10.0 9.8	9.9 0 1 1	3.16	13.06						
18											

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Monday June 10, 1918.

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Scale m. B series 359 Alt Corr +06

B 4885 7 Carte 3 – 31.5

Diffr. Inv. PC

	sc.1	sc.2	Cu.	Magn	g	h			sc.	
1	B.		.	.	7.68 01	7.6 7.7 8.10 00	0.43	8.08	9.4 – 1.29	8.11
2	4.42		4.15	8.55	8.1	8.1	0.32	8.42	10.0 – 1.19	8.81
3	5.0	5.4	5.30 1 1	4.04	9.34	9.35 01 8.6	0.25	8.85		
4	5.5	5.6	5.68 1 0	3.98	9.63	9.7 9.3	0.06	9.41		
5	6.6	6.9	6.85 0 1 7.35 1 0	3.94	10.79	9.7 10.0	-0.17	9.83		
6		7.3	7.80 1 1 7.4	3.69	11.04	n.s. n.s.	.			
7		7.9	7.95 1 0 7.7	3.60	11.40					
8		7.9	8.40 00 8.0	3.58	11.53					
9		8.4	8.75 0 1 8.4	3.50	11.90					
10		8.8	9.10 00 8.7	3.41	12.16					
11		9.1	9.30 00 9.1	3.34	12.44					
12		9.3	9.70 00 9.3	3.30	12.60					
13		9.7	9.7	3.21	12.91					
14										
15										

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Monday June 10, 1918.

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Scale m. B Series 359. Alt Corr -01

B 48858 Carte 3 - 51.5

	sc.1	sc.2	sc.3		Diff. Im. g	h		BC. sc.2
1	B.		.	.	8.2 9	0.33	8.53	9.6 − 1.26 8.34
2	5.0 4.8		4.08	9.08	9.15 1.0 9.1 9.2	0.11	9.26	n.s. , ,
3	6.0 5.8	5.9	5.95 01	3.92	9.87	10.6 n.f.	−0.17	9.83
4	6.6 6.4	6.5	6.55 01	3.81	10.36			
5	7.0 6.8	7.1	7.05 01	3.74	10.79			
6		7.4		3.68	11.08			
7		7.6 5		3.66	11.16			
8		7.6		3.63	11.23			
9		7.9		3.58	11.48			
10		8.10 00 8.1	8.1	3.55	11.65			
11		8.80 00 8.8	8.8	3.40	12.20			
12		8.95 12 9.1	8.8	3.38	12.33			
13		9.30 00 9.3	9.3	3.30	12.60			
14		9.75 01 9.8	9.7	3.20	12.95			
15								

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Scale m. B Series 359.

B 4885 9 C 2

	sc.1	sc.2			Diff Im. sc.1	sc.1		P.C. sc.2
1					6.3 6.1	q 6.6	0.84	8.4 −1.46
2					q	6.4	0.84	8.6 −1.36
3					q	q	.	9.3 −1.66
4					q sc.2	7.8	0.40	9.6 −1.40
6					8.4	q	0.27	
7					8.9	q	0.16	
10	q				9.3	q	0.05	
11	5.8 5.6	5.6	570	1 1	10.0	q	−0.26	
12	5.9 5.7 6.7	5.8	585	1 0	4.05			
12a	6.5 7.2	6.7	6.70	0 0	3.71			
14	7.0	7.1	7.15	0 1	3.64			
16		7.6	7.90	1 1	3.58			
17		7.8	8.40	0 0	8.0 3.53			
19		8.4	9.10	0 0	8.4 3.43			
21		9.1	9.20	0 0	9.1 3.24			
22		9.2	9.60	0 0	9.2 3.30			
23		9.6	9.65	0 1	9.6 3.19			
25		9.6			9.7 3.45			
26		n.s.			n.s.			

Bright stars very large + hazy around edge.

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Salem

B series 359.

Alt Con-32

B 48860 $\mp$1 - 4 - 7$\frac{5}{}$ 75.0

BC-

	sc.1	sc.2			sc.2		
1					8.3	- 1.40	6.90
2					8.4	- 1.39	7.01
3					8.7	- 1.36	7.34
4					8.5	- 1.38	7.12
5					8.7	- 1.36	7.34
6					9.0	- 1.34	7.66
7					9.4	- 1.29	8.11
8					9.7	- 1.24	8.46
9					10.0	- 1.19	8.81
10			Cw.		10.0	- 1.19	8.81
11	4.4 (4.6)		4.13	8.73			
12	5.0 (5.2)		4.05	9.25			
13	4.3 (4.5)		4.14	8.64			
14	4.3 (4.5)	B.	4.14	8.64			
15	5.2 (5.4)	5.3 5.35 0 1	4.02	9.37			
16	5.5 (5.7)	5.5 5.60 1 1	3.99	9.59			
17	5.8 (6.0)	6.1 6.05 0 1	3.90	9.95			
18	6.3 (6.5)	6.5 6.50 0 0	3.82	10.32			
19	6.4 (6.6)	6.4 6.65 0 1	3.80	10.45			
20	6.3 (6.5)	6.4 6.45 1 0	3.83	10.28			
21		7.0	3.75	10.75			
22		7.0+	3.75	10.75			
23		7.5	3.66	11.16			
24		7.8 8.20 1 1	3.60	11.40			
25		8.3 8.1	3.52	11.72			
26		8.3 8.35 1 0 8.4	3.50	11.85			

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Scale m-

B series 359.

B 4886o #1 cont.

	sc. 2 sc. 2 8.20 00			
27	8.7 8.2 8.65 10		3.52	11.72
28	8.7 8.6 9.10 00		3.44	12.09
29	~~8.7~~ 9.1 9.1 9.30 00		3.34	12.44
30	9.3 9.3		3.30	12.60
31	scr. scr. 9.80 L1		,	,
32	9.7 9.9		3.19	12.99
33	scr. scr.		,	,
34	n.s.		,	,

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Scale m. B Series 359.

B 48860 71- Diff. Inv.

	g		h		
	Sc.1	Sc.2	Sc.1	Sc.2	Cu.	
1	6.3 6.1				0.67	6.97
2	g				"	"
3	g	g			"	"
4	6.8 6.6				0.59	7.39
5		g			"	"
6		g		7.1	0.53	7.63
7		g			"	"
8		7.9			0.39	8.29
9		g		g	"	"
10		8.3			0.32	8.62
11		8.4			0.30	8.70
12		9.3		6g	0.08	9.38
13		8.8			0.21	9.01
14		8.7		poor.	0.23	8.93
15		9.3			0.08	9.38
16		9.4			0.04	9.44
17		7.			"	"
18		n.s.			"	"
19						
20						
21						
22						
23						
24						
25						
26						

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Scale M-

B series 359.

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B48862 Carte 4 – 23.5

	sc.1	sc.2				g sc2	h sc2		sc.2	
1	3.7 13.		.	.	80	g	0.36	8.36	9.1 – 1.25	8.45
2	46 4.4		412	8.72	8.8	g	0.21	9.01	+	
3	56 5.4	5.4	550 1 1	400	9.50	9.30 93	93	0.08	9.38	
4	60 5.8	6.1	605-01	391	9.96	+	+	,	,	
5	66 6.4	6.6	66000	381	10.41					
6	70 6.8	6.7	685 2 1	377	10.62					
7		7.1		362	11.32					
8		7.9		358	11.48					
9		8.7		343	12.13					
10		8 7.7		343	12.13					
11		def?		.	.					
12		8.8		340	12.20					
13		9.1	8.95 1 2 8.8	338	12.33					
14		9.2	9.20 00 9.2	332	12.52					
15		9.3	9.25 10 9.2	331	12.56					
16		9.4	9.40 00 9.4	328	12.68					
17		9.5	9.50 00 9.5	324	12.74					
18		10.0	9.90 1 1 9.8	316	13.06					

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Scale M-

B Series 359.

Alt Corr +03

B 48863 Carte 4 — 40.5

	pc.1	pc.2			Diffr. Inn. q	h			pc.	pc.2	
1	B.		,	,	6.6	6.7	6.6501	0.61	7.26	8.6 — 1.38	7.22
2	B		,	,	8.3	8.3	8.3000	0.32	8.629	8 — 12.3	8.57
3	4.7 4.5		4.12	8.82	8.9	8.9	8.9000	0.20	9.107	,	,
4	B.		,	,	9.1	9.1	9.1000	0.13	9.23	ns.	, ,
5	5.6 5.4	5.6	5.60	00 3.99	9.59	10.0	q	−0.17	9.83		
6	6.5 6.3	6.6	6.55	L0 3.81	10.36	ns	ns.	,	,		
7	6.6 6.4	6.6	6.60	00 3.81	10.41						
8	7.1 6.9	7.1	7.10	00 3.74	10.84						
9		7.5	7.50	00 3.66	11.16						
10		7.9	8.00	L1 8.1 3.56	11.56						
11		8.6	8.50	L1 8.4 3.48	11.98						
12		8.1	8.75	L0 8.8 3.41	12.16						
13		9.5	9.45	L0 9.4 3.27	12.72						
14		9.7	9.75	L0 9.8 3.20	12.95						
15		10.0	10.05	01 10.1 3.12	13.17						

Bright plate large. ~~Too~~

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Scale m-

B series 359.

Alt Com - 12

B 48864 Carte 4 – 64.5

	Sc.1	Sc.2			Diffr Sm.		Sc.2	
					g 7.35 L 0			
1	B.	,	,		13 14	0.49 7.84	9.4 – 1.29	8.11
2	4.6 4.4		4.12	8.72	q q	, ,	+ .	.
3	5.5 5.3	5.4 5.45 1 0	4.01	9.46	q 9 3	0.08 9.38	ns.	,
4	6.4 6.2	6.3 6.35 0 1	3.84	10.19	ns. ns.	. ,		
5	6.7 6.5	6.8 6.75 L 0	3.79	10.54				
6		7.2	3.71	10.91				
7		7.7	3.61	11.31				
8		7.7 8.35 L 0 4	3.61	11.31				
9		8.3 8.5	3.50	11.85				
10		8.6 8.65 0 1 8.7	3.44	12.09				
11		8.6 8.55 0 1 8.4 5	3.45	12.00				
12		9.3 9.25 L 0 9.2	3.31	12.56				
13		9.8 9.75 0 1 9.7	3.20	12.95				
14		9.7 9.75 L 0 9.8	3.20	12.95				
15		ns. ns.	,	,				

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