

**AWM4**  
**Australian Imperial Force unit war diaries,**  
**1914-18 War**

Artillery

**Item number:** 13/4/6 Part 2

**Title:** General Officer Commanding, Royal  
Artillery, 1st ANZAC Corps and  
Headquarters, Royal Artillery,  
Australian Corps

October 1917



AWM4-13/4/6PART2



SECRET.

Copy No. 95

(23)

ARTILLERY INSTRUCTIONS No.179  
ky  
G.C.C.R.A. 1st ANZAC.  
-----

23rd October 1917.

ARTILLERY PLAN.      6th PHASE OF THE ATTACK.

INFORMATION.

1. The 5th Phase of the operations having been completed, the Second Army will, after due preparation, continue its operations; the Fifth Army co-operating simultaneously on the left flank.
2. The main operation of the Second Army is to be the capture of PASSCHENDAELE, and this is to be effected by the CANADIAN Corps, which is on our immediate left; the 1st Australian Division being on the right of the CANADIAN Corps.
3. The operation carried out by the CANADIAN Corps will be effected in 3 stages, each with a limited objective.  
At the same time the X Corps will capture the POEZELHOEK and GHELUVELT SPURS.
4. The task of the 1st ANZAC Corps is limited to forming a defensive flank on the right of the 4th Canadian Division, which will be the Right Division of the CANADIAN Corps, by joining up from our present front line about the NIEUWMOLEN SPUR to, and including, DECLINE COPSE south of the Railway which will be the right flank of the 4th Canadian Division, in the first stage of these operations.
5. The operation will be effected by the 1st Australian Division. The 5th Australian Division on the right will be on the defensive.
6. Maps are being issued shewing the inter-division boundaries.
7. It is anticipated that the attack will take place on "O" Day.

ORGANIZATION.

8. The attack is being made by one Division in the line, the Field Artillery allotted to it being the 1st., 2nd and 4th Australian Divisional Artilleries under Brigadier General W.L.H.BURGESS, D.S.O.
9. The 5th Australian Divisional Artillery under Brigadier General A.J.BESSELL-BROWNE, C.M.G., D.S.O. will be allotted to the 5th Australian Division, and will provide a protective barrage on their front during the attack.
10. The Mobile Artillery Group organized for the Fifth Phase of the attack will not be required.
11. There is a Bombardment Group affiliated to each Division in the line up to the day of attack, and for the day of attack two 6-inch Howitzer batteries will be at the call of the Left Division Commander.
12. The Boundaries for Counter Battery area have been already notified; and for destructive work it will be the same as for the 5th Phase of the attack.
13. The preparation for the attack will be the same as for the 5th Phase. Preparatory bombardments being carried out on four days prior to "O" Day.

THE ADVANCE.



(2)

THE ADVANCE.

14. BARRAGE. The advance will be made under cover of a barrage in depth, the particulars of which, as regards lifts, etc., are shewn on Barrage Map issued with Artillery Instructions No.180.
15. The heavy creeping barrage will be similar to that laid down for the fifth Phase.
16. ACKNOWLEDGE ON FORM ATTACHED.

Major R.A.

Issued as under :-

Staff Officer R.A. 1st Anzac.

Copy No.1.	Heavy Artillery 1st Anzac.	
2.	Counter Battery Staff Officer.	
3.	1st Aust.Divnl.Artillery.	
4.	2nd Aust.Divnl.Artillery.	
5.	4th Aust.Divnl.Artillery.	
6.	5th Aust.Divnl.Artillery.	
7 and 8.	R.A. Second Army.	) for information.
9.	R.A. Canadian Corps.	
10.	R.A. X Corps.	
11.	2nd Wing R.F.C.	
12.	4th Squadron R.F.C.	
13.	17th Balloon Coy.	
14-23.	1st Anzac "G"	
24.	1st Anzac "Q"	
25.	Diary.	
26.	File.	
27 to 30.	Spare.	



24

SECRET.

Copy No. 25

## ARTILLERY INSTRUCTIONS No.180

by  
G.O.C.R.A. 1st ANZAC.

23rd October 1917.

1. At Zero hour on the day of attack a barrage in depth will be put down by all natures of guns and howitzors in front of the Left Division, and of 18-pdrs and 4.5" howitzors only in front of the Right Division.

This barrage will creep forward in front of the Left Division, halting when the final lift has been reached, and remaining there as a protective barrage.

On the front of the Right Division there will be a standing barrage of 18-pdrs.

The 4.5" howitzors may be used on strong points, etc. at the discretion of the C.R.A.

2. The objectives/laid down in Artillery Instructions No.179, and are shown on the barrage maps issued to all concerned.

The most advanced post of the Infantry is at D.17.b.75.40, and there will be no definite jumping off line as heretofore.

The barrage will commence at Zero on the line shown on the map.

There will be an overlap of 50 yards with the Corps on the left.

3. Every 18-pdr of the "A" barrage on the Left Division front will fire 4 rounds of Smoke Shell in quick succession as it reaches the protective barrage line, to mark its arrival on that line.

There will be an increased rate of fire as in para.4 for 4 minutes prior to lifting off the first barrage line (Zero + 4 to Zero + 8).

4. Rates of fire in rounds per gun per minute :-

<u>Left Division.</u>	18-pr.	4.5" How.	6" How.	Other natures.
Infantry moving	2	$\frac{1}{2}$	$\frac{2}{3}$	$\frac{1}{2}$
Protective line	1	$\frac{1}{2}$	$\frac{1}{3}$	$\frac{1}{4}$
Zero + 4 to Zero + 8	4	-	-	-
<u>Right Division.</u>				
Zero to Zero + <del>156</del> 60	1	$\frac{1}{2}$	-	-

5. Both Divisional Artillery Groups will fire 75% A, 25% AX during the barrage.
6. Right Divisional Artillery Group will cease firing at Zero + 60 unless further required.  
Left Divisional Artillery Group and Heavy Artillery will cease firing at Zero + 156 unless further required.
7. One 60-pdr battery will be used during the barrage to keep the following cross roads under fire :-

E.26.a.20.64  
E.20.c.80.30  
E.21.c.80.43

E.14.d.42.40  
E.14.a.46.30  
E.9.c.12.30

Ammunition



(2)

Ammunition expenditure 50 rounds per gun.

8. ACKNOWLEDGE ON FORM ATTACHED.


Major R.A.

Issued as under :-

Staff Officer R.A. 1st Anzac.

Copy No.1.	Heavy Artillery 1st Anzac.	
2.	Counter Battery Staff Officer.	
3.	1st Aust.Divnl.Artillery.	
4.	2nd Aust.Divnl.Artillery.	
5.	4th Aust.Divnl.Artillery.	
6.	5th Aust.Divnl.Artillery.	
7 and 8.	R.A. Second Army.	)
9.	R.A. Canadian Corps.	)
10.	R.A. X Corps.	)
11.	2nd Wing R.F.C.	)
12.	4th Squadron R.F.C.	) for information.
13.	17th Balloon Coy.	)
14 to 23.	1st Anzac "G"	)
24.	1st Anzac "Q"	)
25.	Diary.	
26.	File.	
27 to 30.	Spare.	



Inter-Group Boundary.

13

19

25

C. Group.

C. Group.

D. Group.

BARRAGE.

- 52 onwards
- 48-52
- 44-48
- 40-44
- 36-40
- 32-36
- 28-32
- 24-28
- 20-24
- 16-20
- 12-16
- 8-12
- 0-8

Bdy

24

DIVISIONAL

BARRAGE MAP

Secret No 24

30

D

E

Bdy

Southern

J

K

corps



1<sup>st</sup> & 2<sup>nd</sup> Ans DA Dales

25/1/51 1/10/51

D. C. C.

C. C. C.

Physician-General

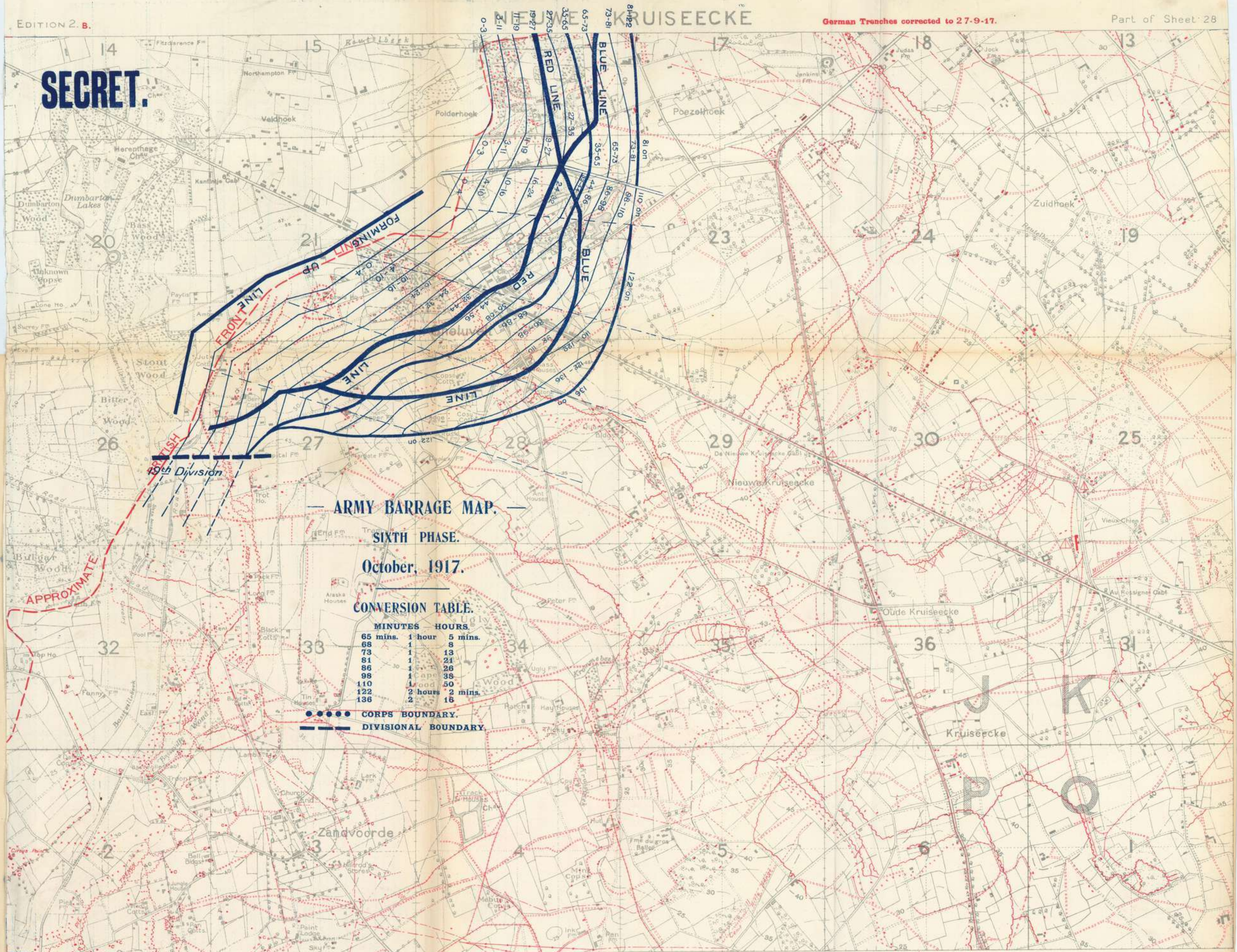


EDITION 2. B.

German Trenches corrected to 27-9-17.

Part of Sheet 28

**SECRET.**



**ARMY BARRAGE MAP.**

**SIXTH PHASE.**

**October, 1917.**

**CONVERSION TABLE.**

MINUTES	HOURS
65 mins.	1 hour 5 mins.
68	1
73	1 13
81	1 21
86	1 26
98	1 38
110	1 50
122	2 hours 2 mins.
136	2 16

●●●●● CORPS BOUNDARY.  
 - - - - - DIVISIONAL BOUNDARY.

Battery Positions (marked along lines)    Probably Timber or Camouflage    Concrete Structures (marked with 'C')

Scale 1:10,000

1333.23.10.17.



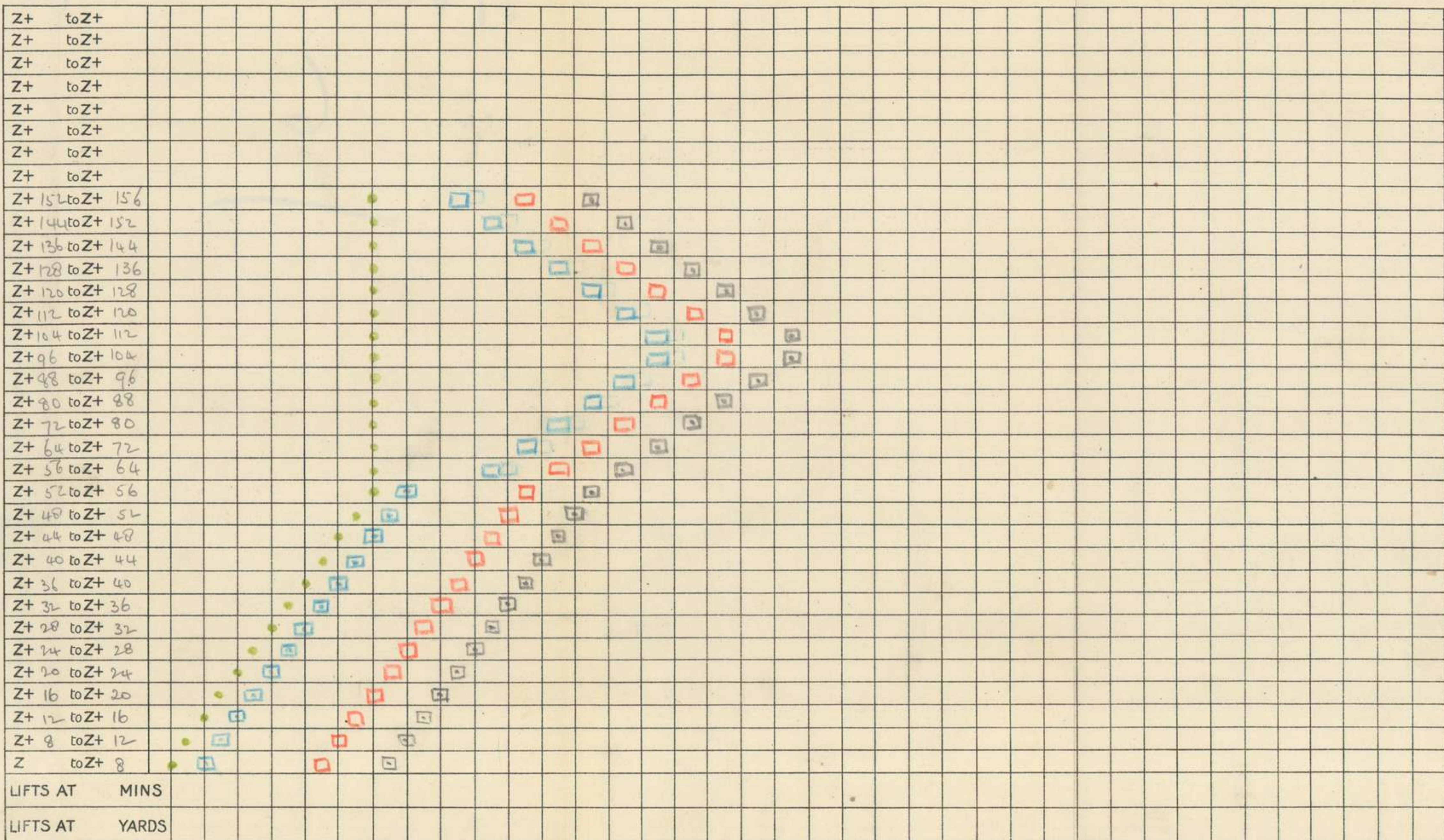
# DIAGRAM FOR BARRAGE

Appendix No. 24

- A Barrage 10 pns. --- ●
- B Barrage 18 pns. --- ●
- B Barrage 45 Hows --- □

Attack Day  
6.

- D Barrage 6 Hows --- □
- E Barrage 8 492 Hows --- □
- E Barrage 60 pns --- ●

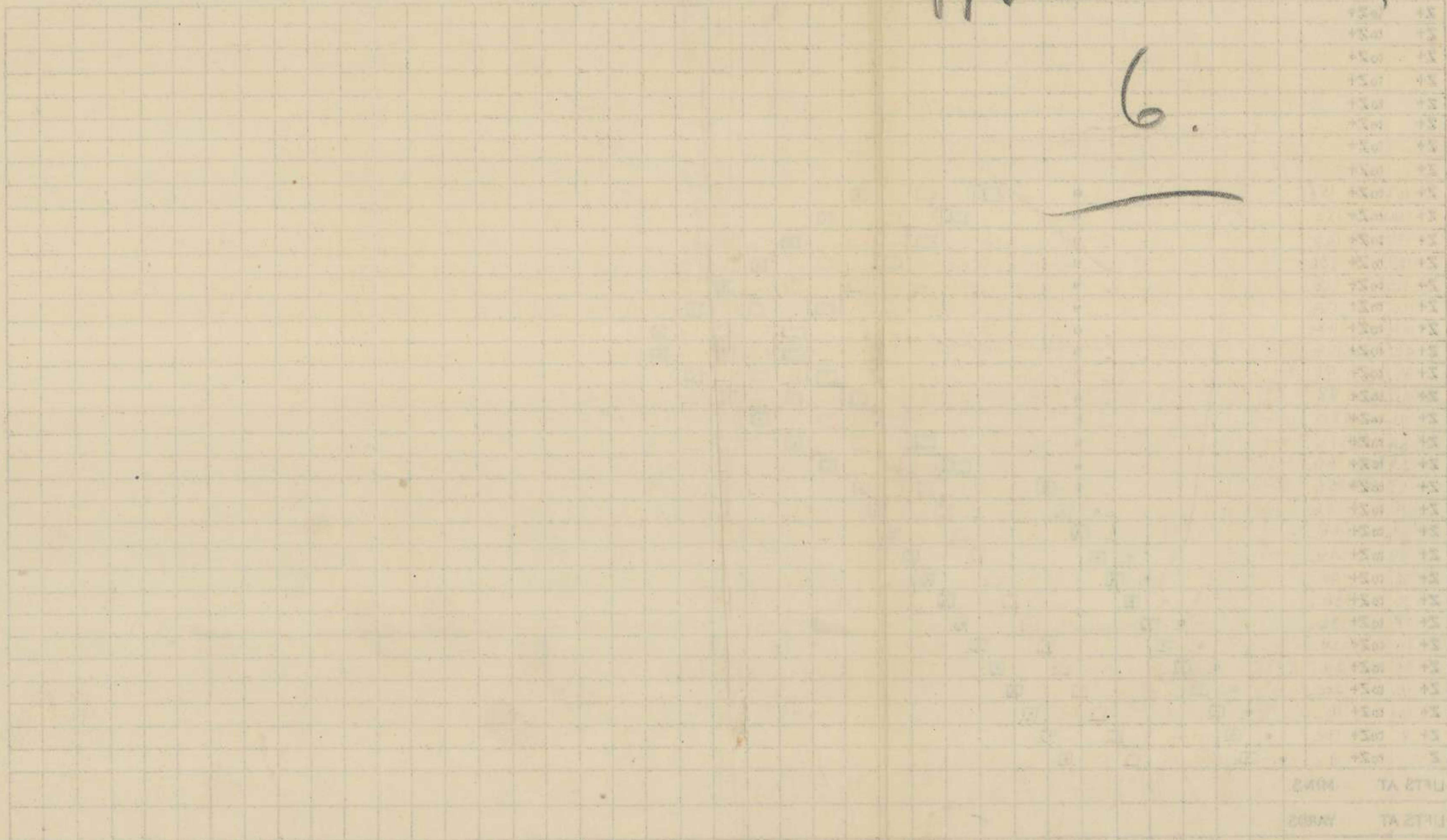


START  
 Hundreds of Yards 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38



Attach Day

6.



LIST AT  
LIST AT

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100



"A" Form. MESSAGES AND SIGNALS.

Army Form C.2121 (in pads of 100). No. of Message

Prefix .....	Code .....	m.	Words	Charge	This message is on a/o of:	Recd. at .....
Office of Origin and Service Instructions.			Sent			Service.
			At .....	m.		From .....
			To .....		(Signature of "Franking Officer.")	By .....
			By .....			

TO { 1st Angae Heavy Artillery

Sender's Number.	Day of Month.	In reply to Number.	AAA
* R.A. 652	24		

from	25 <sup>th</sup>	Oct	inclusive	three
to	or	batteries	will	be
taken	off	all	barrage	work
and	put	to	counter	battery
work	was	one	battery	will
be	at	the	disposal	of
B.G.H.A.	for	other	tasks	

From	Artillery	1st	Angae
Place			
Time			

The above may be forwarded as now corrected.

(Z) [Signature] Signature of Addressor or person authorised to telegraph in his name.



SECRET.

Copy No. 25

ARTILLERY INSTRUCTIONS No. 181  
by  
G.C.C.R.A. 1st ANZAC.

-----

24th October 1917.

1. The 4th Australian Divisional Artillery is to be withdrawn from the line to their wagon lines, and moved to a back area. The withdrawal will commence at once, and 48 hours' notice will be given to this office of the completion of the withdrawal to wagon lines, to enable a March Table to be issued.
2. The front of the Left Division will be covered by the 2nd Australian Divisional Artillery and the 1st Australian Divisional Artillery as from 6.0 a.m. 25th.
3. C.R.A.'s Left and Right Divisional Artillery Groups will mutually decide on the regrouping of their commands, with a view to withdrawing guns from the most suitable positions. Each Divisional Artillery Group should have a full establishment of guns and howitzers, made up from Brigades withdrawing.
4. The command of the Divisional Artillery of the Right Division will pass from C.R.A. 5th Australian Divisional Artillery to C.R.A. 2nd Australian Divisional Artillery at 10.0 a.m. on October 28th. The command of the Divisional Artillery of the Left Division will pass from C.R.A. 4th Australian Division to C.R.A. 1st Australian Division at 10.0 a.m. on October 27th.
5. All ammunition in vacated gun positions will be kept on charge of the Divisional Artillery Group in whose charge it is at present, and C.R.A.'s will ensure that such ammunition is distributed amongst batteries still in the line.
6. ACKNOWLEDGE ON FORM ATTACHED.

*R.A. [Signature]*

Major R.A.

Issued as under :-

Staff Officer R.A. 1st Anzac.

- |             |                                |                    |
|-------------|--------------------------------|--------------------|
| Copy No. 1. | Heavy Artillery 1st Anzac.     |                    |
| 2.          | Counter Battery Staff Officer. |                    |
| 3.          | 1st Aust. Divnl. Artillery.    |                    |
| 4.          | 2nd Aust. Divnl. Artillery.    |                    |
| 5.          | 4th Aust. Divnl. Artillery.    |                    |
| 6.          | 5th Aust. Divnl. Artillery.    |                    |
| 7 and 8.    | R.A. Second Army.              | ) for information. |
| 9.          | R.A. Canadian Corps.           |                    |
| 10.         | R.A. X Corps.                  |                    |
| 11.         | 2nd Wing R.F.C.                |                    |
| 12.         | 4th Squadron R.F.C.            |                    |
| 13.         | 17th Balloon Coy.              |                    |
| 14 to 23.   | 1st Anzac "G"                  |                    |
| 24.         | 1st Anzac "Q"                  |                    |
| 25.         | Diary.                         |                    |
| 26.         | File.                          |                    |
| 27 to 30.   | Spare.                         |                    |







ARTILLERY INSTRUCTIONS No.182  
by  
G.O.C.R.A.1st ANZAC.  
-----

24th October 1917.

1. Assuming that the proposed operations on Attack Day (6) have been carried out on "O" Day, the Artillery action for "P" (a) Day and onwards will be as detailed below :-
  - (a) On the morning of "P"(a) Day at 5.20 a.m. an Army barrage will be carried out on the fronts of X, 1st ANZAC, and CANADIAN Corps.
  - (b) Starting line - as for Army barrages shown in map attached to Artillery Instructions No.178.
  - (c) Lifts, timings, and distances of M.P.I. are shown in attached diagram "P"(a).
  - (d) Rates of fire - normal.
2. The CANADIAN Corps will carry out another barrage over their Corps front.
- 3.(a) Bursts of fire in depth on the area between 'S.O.S.' lines and a line 1000 yards East of 'S.O.S.' lines will be carried out on the front of the CANADIAN Corps, on the DROOGENBROODHOEK SPUR (1st ANZAC), and BECELAERE SPUR (X Corps).
  - (b) Times and silent periods throughout the whole Army :-

8.45 p.m. to 8.51 p.m.	Burst of fire.
8.51 p.m. to 9.10 p.m.	Silent period.
9.10 p.m. to 9.16 p.m.	Burst of fire.
10.0 p.m. to 10.30 p.m.	Silent period.
  - (c) Rates of fire - as for Bombardment barrages.
4. On "Q"(a) Day the following will be carried out :-
  - (a) Army barrage on the front of the CANADIAN Corps, and on the DROOGENBROODHOEK SPUR (1st ANZAC), and BECELAERE SPUR ( X Corps ) at 5.30 a.m.
  - (b) Starting line as for Army barrages as shown in map attached to Artillery Instructions No.178.
  - (c) Lifts, timings, and distances of M.P.I. are shown in attached diagram "Q"(a).
  - (d) Rates of fire - normal.
5. The CANADIAN Corps will carry out another barrage over their Corps front.
- 6.(a) Bursts of fire in depth will be carried out on "Q"(a) Day between lines 1000 and 2000 yards East of 'S.O.S.' lines.
  - (b) Times as under over the whole Army front :-

8.15 p.m. to 8.21 p.m.	Burst of fire.
8.21 p.m. to 8.40 p.m.	Silent period.
9.33 p.m. to 9.41 p.m.	Burst of fire.
11.0 p.m. to 11.30 p.m.	Silent period.



(2)

7. The following will be carried out on "Attack (7) minus 1" Day.  
Should Attack (7) take place on "S"(a) Day, this will be the programme for "R"(a) Day accordingly :-
- (a) Army Barrage on the front of the CANADIAN Corps, and on the DROOGENBROODHOEK SPUR (1st ANZAC), and on the BECELAERE SPUR (X Corps), at 5.15 a.m.
  - (b) Starting lines as detailed above.
  - (c) Lifts, timings, and distances of M.P.I. are shown in attached diagram "R"(a).
  - (d) Rates of fire - normal.
8. The CANADIAN Corps will carry out another barrage over their Corps front.
9. There will be silent periods over the whole Army front from
- |           |    |            |
|-----------|----|------------|
| 8.0 p.m.  | to | 8.30 p.m.  |
| 10.0 p.m. | to | 10.30 p.m. |
10. Vigorous Counter Battery work will be maintained by all Corps. A special point should be made of carrying out in the afternoon or at night destructive shoots or concentration on hostile batteries located active during the morning.
11. Harassing fire and fire on enemy communications will be kept up by X, 1st ANZAC, and CANADIAN Corps.
12. ACKNOWLEDGE ON FORM ATTACHED.

*R. A. [Signature]*

Major R.A.

Issued as under :-

Staff Officer R.A. 1st Anzac.

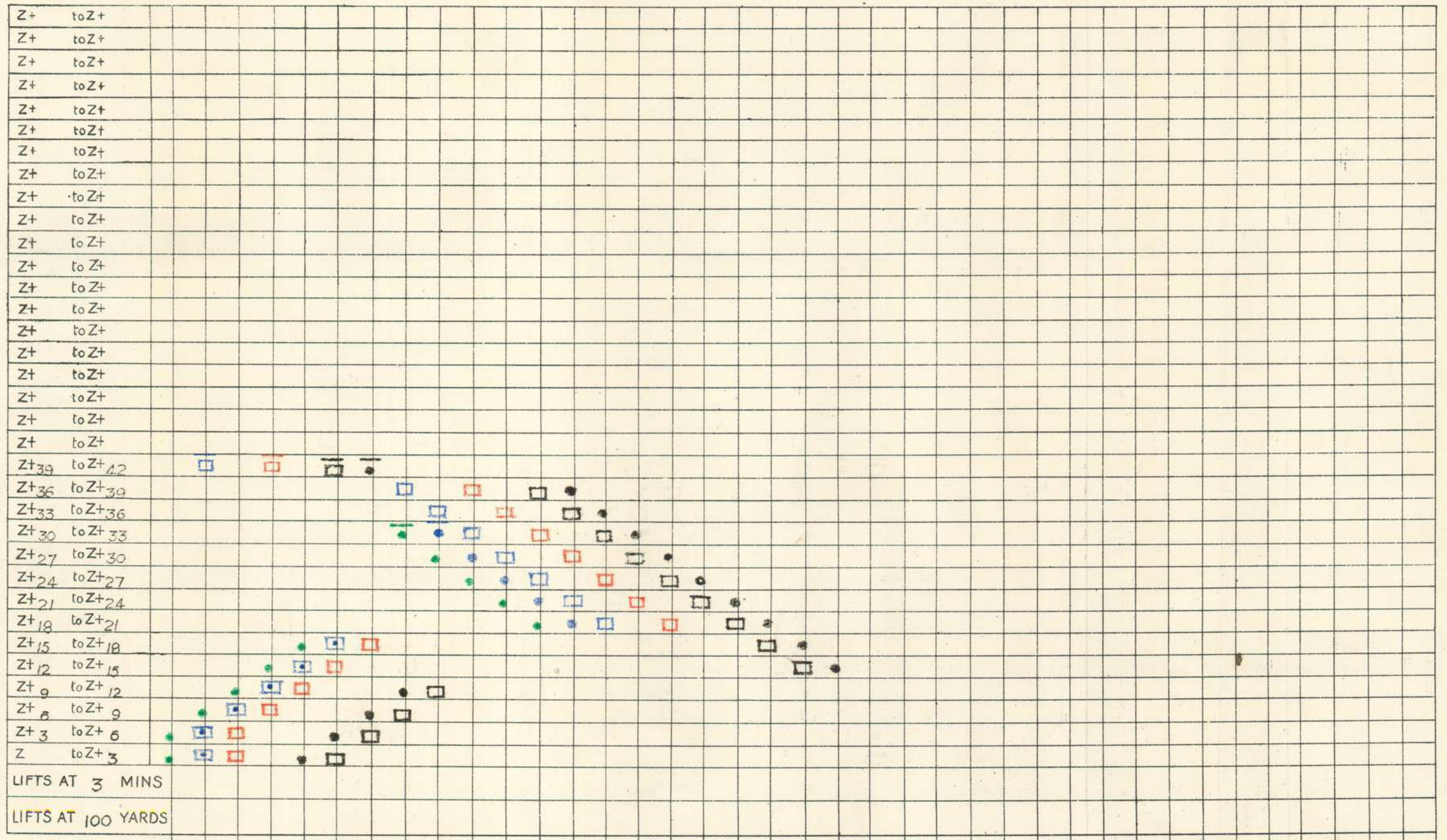
Copy No.1.	Heavy Arty. 1st Anzac.	
2.	Counter Battery Staff Officer.	
3.	1st Aust. Divnl. Artillery.	
4.	2nd Aust. Divnl. Artillery.	
5.	4th Aust. Divnl. Artillery.	
6.	5th Aust. Divnl. Artillery.	
7 and 8.	R.A. Second Army.	) for information.
9.	R.A. Canadian Corps.	
10.	R.A. X Corps.	
11.	2nd Wing R.F.C.	
12.	4th Sqdn. R.F.C.	
13.	17th Balloon Coy.	
14 to 23.	1st Anzac "G"	
24.	1st Anzac "Q"	
25.	Diary.	
26.	File.	
27 to 30.	Spare.	



DIAGRAM FOR BARRAGE

A. 18 pdr. - ●  
 B. 18 pdr. - ●, 4.5" How. - □  
 C. M.G. - ●  
 D. 6" How. - □  
 E. 60 pdr. - ●, 8" & 9.2" How. - □

Pa(A)



START  
 Hundreds of Yards 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38



Pa a

DIAGRAM FOR BARRAGE

Pa 1

RECORDED  
SERIAL  
1  
ANZAC.  
1/3436



ARTILLERY INSTRUCTIONS No. 183

by  
G.O.C.R.A. 1st ANZAC.

26th October 1917.

1. At noon "P.a." all current allotments of ammunition are cancelled.
2. Table "A" shows :-
  - (a) New bulk allotment from noon "P.a." to noon "T.a."
  - (b) Amounts estimated for Attack (7) to be on hand at midnight "R.a."/"S.a."
  - (c) Amounts to be fired in Army Barrages "Q.a." and "R.a."
  - (d) Amounts to be fired for Divisional Artillery per gun in period specified in (a) for harassing, isolating, etc.
  - (e) Daily total amount to be fired by Heavy Artillery for counter battery work, harassing, isolating, etc.

Table "B" shows amended rates of fire for Army Barrages for Divisional Artillery.

Table "C" shows amended rates of fire for Army Barrages for Heavy Artillery.

Rates of fire laid down in paragraphs 4(d) and 7(d) of Artillery Instructions No. 182 are cancelled.

3. The Heavy Artillery will carry out Barrages "Q.a." and "R.a." over the Left Division front only, and not over the whole Corps front.
4. In addition to allotment and dump mentioned in Table "A" the following dump will be established at the guns at noon "T.a." :-

18-pr.	400 rds. per gun.	8" How.	120 rds. per gun.
4.5" How.	250 do.	9.2" How.	120 do.
60-pr.	150 do.	12" How.	60 do.
6" How.	200 do.	15" How.	30 do.
6" Gun.	60 do.		

5. ACKNOWLEDGE ON FORM ATTACHED.

*R. A. [Signature]*  
Major R.A.  
Staff Officer R.A. 1st Anzac.

Issued as under :-

- |             |                                |   |
|-------------|--------------------------------|---|
| Copy No. 1. | Heavy Arty. 1st Anzac.         |   |
| 2.          | Counter Battery Staff Officer. |   |
| 3.          | 4th Aust. Divnl. Arty.         |   |
| 4.          | 5th Aust. Divnl. Arty.         |   |
| 5.          | 1st Aust. Divnl. Arty.         |   |
| 6.          | 2nd Aust. Divnl. Arty.         |   |
| 7 and 8.    | R.A. Second Army.              | } |
| 9.          | R.A. Canadian Corps.           |   |
| 10.         | R.A. X Corps.                  |   |
| 11.         | 2nd Wing R.F.C.                | } |
| 12.         | 4th Squadron R.F.C.            |   |
| 13.         | 17th Balloon Coy.              | } |
| 14 to 23.   | 1st Anzac "G"                  |   |
| 24.         | 1st Anzac "Q"                  | } |
| 25.         | Diary.                         |   |
| 26.         | File.                          | } |
| 27 to 30.   | Spare.                         |   |
- for information.



TABLE "A"

	18-pr.	4.5" How.	60-pr.	6" How.	6" Gun.	8" How.	9.2" How.	12" How.	15" How.	
(a) Bulk allotment from noon "P.a." to noon "T.a."	34560	11520	3840	11520	480	4000	2800	360	-	
(b) To be on hand midnight "R.a."/"S.a." (estimated for Attack (7)) or in rounds per gun.	* 16200  150	* 3600  100	1200  50	4400  100	120  30	1000  50	700  50	60  10	-  -	*150 rds. per 18-pr. 100 rds. per 4.5" How.
Therefore bulk to be fired between noon "P.a." and noon "T.a."	18360	7920	2640	7120	360	3000	2100	300	-	
(c) Less amounts required for Army Barrages "Q.a." and "R.a."	6120	960	504	1680	-	504	520	-	-	
Remaining to fire from noon "P.a." to noon "T.a." for all other purposes.	12240	6960	2136	5440	-	2496	1580	-	-	
(d) Per gun (for 4 days) or	113	193	-	-	-	-	-	-	-	
(e) Per day.	-	-	534	1360	90	624	395	75	-	

All the above figures are calculated on the full establishment of guns.  
Barrages will be fired in accordance with number of guns shown in Table "B".

Appendix No. 27



TABLE "B"

Barrage.	Formation.	No. of guns to be used.	Nature.	Rate per gun per minute.	Total rounds required.
"Q.a."	Left D.A.Group.	48 24	18-pr. 4.5" How.	$1\frac{1}{2}$ $\frac{2}{3}$	2160 360
	Right D.A.Group.	30 9 <del>15</del>	18-pr. 4.5" How.	$1$ $\frac{1}{2}$	900 <del>120</del> 134
"R.a."	Left D.A.Group.	48 24	18-pr. 4.5" How.	$1\frac{1}{2}$ $\frac{2}{3}$	2160 360
	Right D.A.Group.	30 9 <del>15</del>	18-pr. 4.5" How.	$1$ $\frac{1}{2}$	900 <del>120</del> 115

TABLE "C"

Barrage.	No. of guns to be used.	Nature.	Rate per gun per minute.	Total rounds required.
"Q.a."	2 Batteries.	60-pr.	$\frac{1}{2}$	252
	6 Batteries. (30 guns)	6" How.	$\frac{2}{3}$	840
	2 Batteries. (12 guns)	8" How.	$\frac{1}{2}$	252
	2 Batteries. (10 guns)	9.2" How.	$\frac{1}{2}$	210
"R.a."	Same	amounts	as	for "Q.a."



SECRET.

ARTILLERY INSTRUCTIONS No.184  
by  
G.O.C.R.A.1st ANZAC.  
-----

29th October 1917.

1. At Zero hour on "S.a." Day the CANADIAN Corps is continuing its operation against the PASCHENDAELE RIDGE.
2. The 1st ANZAC will co-operate, by means of a barrage in depth which will be put down in front of the Left Division, and a Field Artillery barrage only in front of the Right Division.
3. The barrage will consist of a starting line (Zero to Zero + 8) and 8 lifts, (8-12, 12-16, 16-20, etc.)  
Starting line for Left Division and Heavy Artillery will be from D.18.a.88 to E.13.c.56.10, and for the Right Division from E.13.c.56.10 to E.25.b.73.30.  
Lifts will be 50 yards in 4 minutes.  
Distance between barrages 100 yards.  
Rates of fire as for Bombardment Barrages.
4. From Zero + 30 onwards, as long as ammunition will permit, the Left Division will put down a Smoke Screen from D.18.b.6.4 to E.7.c.4.1.
5. From Zero + 45 for 2 hours the 1st ANZAC will keep under fire from Field Artillery of the Left Divisional Artillery Group, and from Bombardment Groups Heavy Artillery, the DROOGENBROOD-HOEK SPUR in Squares E.13 and E.14 a.andb. between the BROODSEINDE-MOORSLEDE Road and the BROUBECK.  
Ammunition :-  

18-pr.	4000	6" How.	1000
4.5" How.	1500	8" How.	300
		9.2" How.	200
6. The B.G.H.A. will detail one 60-pr battery, to be used during the barrage on back communications as laid down in para. 7, Artillery Instructions No.180.
7. On the evening of Attack Day (7) there will be silent periods along the whole Second Army front as under :-  
  
8.6 p.m. to 8.30 p.m.
8. ACKNOWLEDGE ON FORM ATTACHED.

*R.A. Lewis*

Major R.A.

Issued as under :-

Staff Officer R.A. 1st Anzac.

- |            |                       |                    |
|------------|-----------------------|--------------------|
| Copy No.1. | Heavy Arty.1st Anzac. |                    |
| 2.         | C.B.S.O.              |                    |
| 3.         | 1st Aust.Divnl.Arty.  |                    |
| 4.         | 5th Aust.Divnl.Arty.  |                    |
| 5.         | 2nd Aust.Divnl.Arty.  |                    |
| 6.         | 4th Aust.Divnl.Arty.  | )                  |
| 7 and 8.   | R.A. Second Army.     | )                  |
| 9.         | R.A. CANADIAN Corps.  | )                  |
| 10.        | R.A. X Corps.         | )                  |
| 11.        | 2nd Wing R.F.C.       | ) for information. |
| 12.        | 4th Squadron R.F.C.   | )                  |
| 13.        | 17th Balloon Coy.     | )                  |
| 14-23.     | 1st Anzac "G"         | )                  |
| 24.        | 1st Anzac "Q"         | )                  |
| 25.        | Diary.                |                    |
| 26.        | File.                 |                    |
| 27 to 30.  | Spare.                |                    |



PASSCHENDAELE

German Trenches corrected to 16-10-17.

Parts of Sheets 20 & 28

EDITION 1B

**SECRET.**

— ARMY BARRAGE MAP. —

October, 1917.

CONVERSION TABLE.

MINUTES	HOURS	MINUTES
64	1 hour	4 mins.
68	1	8
116	1	56
120	2 hours	0 mins.
124	2	4
128	2	8
132	2	12
136	2	16
140	2	20
144	2	24
148	2	28
152	2	32

--- CORPS BOUNDARY  
 ..... DIVISIONAL BOUNDARY

**XVIII.**

**CDN.**

**1st ANZAC**

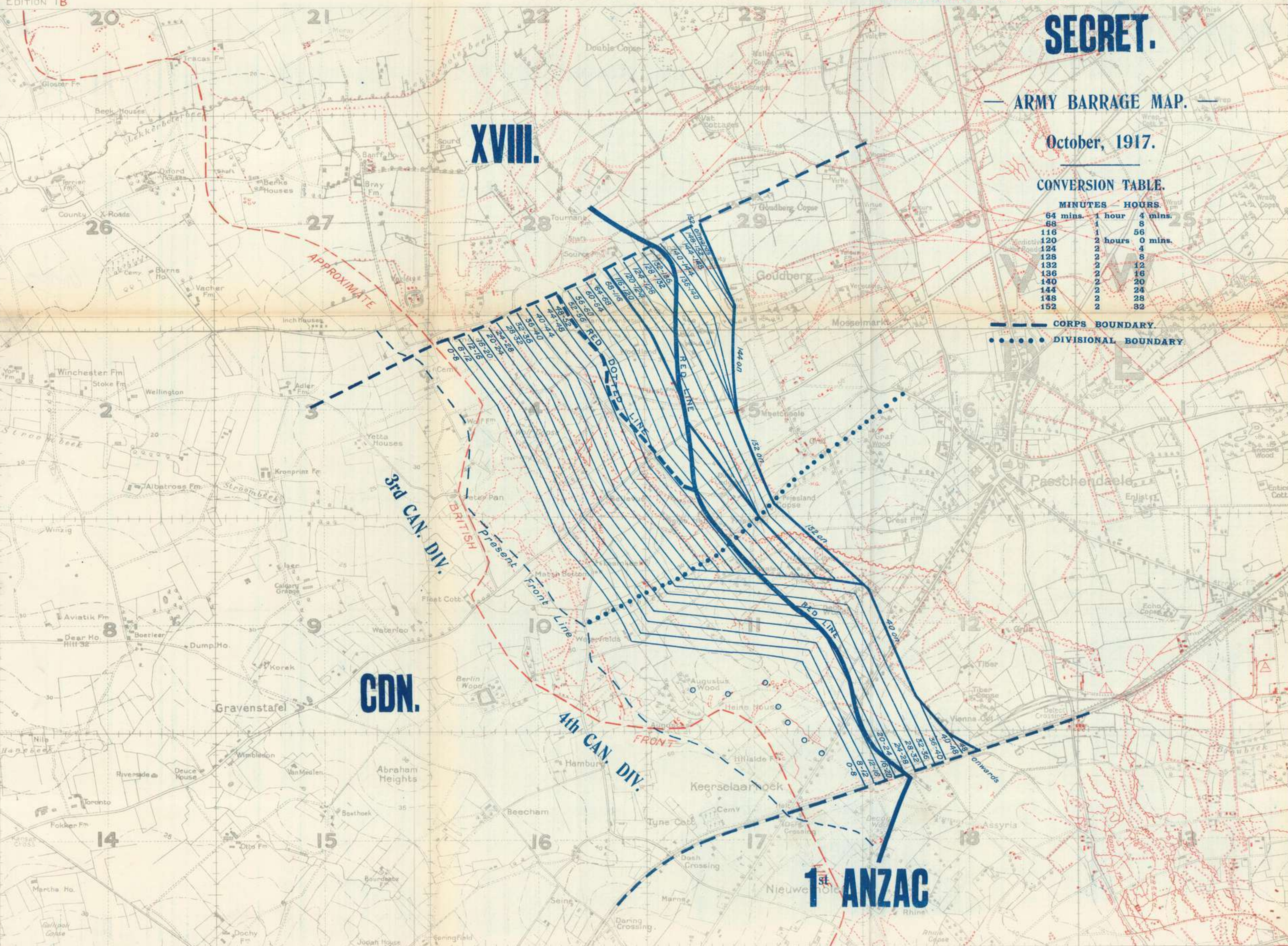
3rd CAN. DIV.

4th CAN. DIV.

BRITISH

Present Front Line

FRONT



Scale 1:10,000.



German Structures  
 Organized Shell Holes



SECRET.

Copy No. 95

ARTILLERY INSTRUCTIONS No. 185  
by  
G.O.C.R.A. 1st ANZAC.

30th October 1917.

- There will be an Army Barrage on "T.a." Day at 5.30 a.m. Diagram, rates of fire, starting line, etc., as for "R.a." Day.  
Should any alteration in the starting line have become necessary the Left Divisional Artillery Group will inform Heavy Artillery and arrange for the alteration.
- Bursts of fire will be carried out on the front of the Left Division as follows :-

ON "T.a." DAY.

8.0 p.m. to 8.6 p.m.	Burst of fire.
8.26 p.m. to 8.40 p.m.	Silent period.
8.40 p.m. to 8.46 p.m.	Burst of fire.
10.0 p.m. to 10.30 p.m.	Silent period.

ON "U.a." DAY.

6.15 p.m. to 6.45 p.m.	Silent period.
6.45 p.m. to 6.51 p.m.	Burst of fire.
7.20 p.m. to 7.35 p.m.	Silent period.
8.0 p.m. to 8.20 p.m.	Silent period.
8.20 p.m. to 8.26 p.m.	Burst of fire.

ON "V.a." DAY.

6.20 p.m. to 6.40 p.m.	Silent period.
7.40 p.m. to 7.46 p.m.	Burst of fire.
8.20 p.m. to 8.50 p.m.	Silent period.
8.50 p.m. to 8.56 p.m.	Burst of fire.

Rates of fire as for Bombardment Barrages.  
 Distance between barrages 200 yards.  
 "A" barrage on starting line for Army Barrage as laid down in Artillery Instructions No. 178.  
 All guns and howitzers (including Counter Battery Groups) will take part, except the Right Divisional Artillery Group.

- On "U.a." and "V.a." days from 4.30 a.m. to 5.30 a.m. concentrations of fire will be carried out by all Corps on as many hostile batteries as possible, especially those batteries which habitually fire on the front of the CANADIAN Corps.

- ACKNOWLEDGE ON FORM ATTACHED.

*R. E. Sears*  
 Major R.A.  
 Staff Officer R.A. 1st Anzac.

Issued as under:-

Copy No. 1.	H.A. 1st Anzac.	11.	2nd Wing A.F.C.	*
2.	C.B.S.O.	12.	4th Squadron R.F.C.	*
3.	1st Aust. Div. Arty.	13.	17th Balloon Coy.	*
4.	5th Aust. Div. Arty.	14-23.	1st Anzac "G"	*
5.	2nd Aust. Div. Arty.	24.	1st Anzac "Q"	*
6.	4th Aust. Div. Arty.*	25.	Diary.	
7 and 8.	R.A. Second Army.*	26.	File.	
9.	R.A. Canadian Corps.*	27)		
10.	R.A. X Corps.*	to)	Spare.	
		30)		

\* for information.



"A" Form.

Army Form C. 2121.  
(In pads of 100.)

MESSAGES AND SIGNALS.

No. of Message.....

Prefix.....	Code.....	Words.....	Charge.....	This message is on a/c of.....	Recd. at.....
Office of Origin and Service Instructions					
To.....			By.....		
			(Sig. of "Franking Officer.")		

TO {


Sender's Number *	Day of Month	In reply to Number	AAA
----------------------	--------------	--------------------	-----

R.I.482.                      30-10.

Ref. Artillery Instructions 185 para 1

time for Ta barrage is 5.15 a.m. and not

5.30 a.m. AAA Addressed all recipients

of Arty Instructions 185 AAA

From.....

Place **R.A.1st ANZAC**

me **9.45 p.m.**                      **(Z)**                      **Major R.A.**

The above may be forwarded as not corrected.                      **S.O.R.A.**

Censor.                      Sig. of Addressor or person authorised to telegraph in his name.

\* This line should be erased if not required.  
(27964) Wt. W492/M1647. [E 1187]. 130,000 Pads-5/17. M.R.Co., Ltd. Forms/C.2121.



Appendix No. 29

"A" Form.

Army Form C. 2121.  
(In pads of 100.)

MESSAGES AND SIGNALS.

No. of Message.....

Prefix.....	Code.....m	Words.	Charge.	This message is on a/c of:	Recd. at.....m.
Office of Origin and Service Instructions.		Sent			Service.
		At.....m.			From.....
		To.....			By.....
		By.....		(Sig. of "Franking Officer.")	

TO {


Sender's Number * R.I. 491	Day of Month 31	In reply to Number	AAA
-------------------------------	--------------------	--------------------	-----

Bursts of fire ordered for T.a. Day in para. 8 of Artillery Instructions No. 185 will not take place AAA Added. all recipients Artillery Instructions 185.

From R.A.	1st	Angac.	
Place			Major R.A.

The above may be forwarded as now corrected. (Z) S.O.R.A. 1st Angac.

Censor. Sig. of Addressor or person authorised to telegraph in his name.

\* This line should be erased if not required.  
(27964) Wt. W492/M1647. [E 1187]. 130,000 Pads-5/17. M.R.Co., Ltd. Forms/C.2121.



30

Appendix No. 37

108

S E C R E T.

Copy No. 25

ARTILLERY INSTRUCTIONS No.186  
by  
G.O.C.R.A. 1st ANZAC.

30th October 1917.

1. On the assumption that Attack Day (8) takes place on "W.a." day, there will be an Army Barrage carried out on the Corps front on "U.a." Day at 5.45 a.m. and on "V.a." Day at 5.40 a.m.  
If Attack Day (8) does not take place as above, the "U.a." barrage will take place on Attack Day (8) minus two, and the "V.a." barrage on Attack Day (8) minus one.  
This will also apply to the bursts of fire and silent periods laid down for "U.a." and "V.a." Days in Artillery Instructions No. 185, paragraph 2.
2. The Heavy Artillery will fire on the Left Division front only.
3. Starting line as for Army Barrages laid down in Artillery Instructions No.173.
4. Diagrams shewing lifts are circulated to all concerned herewith.
5. Ammunition to be expended and rates of fire are shown on Tables "A" and "B" overleaf.
6. ACKNOWLEDGE ON FORM ATTACHED.

*R. C. Lewis*

Major R.A.

Issued as under :-

Staff Officer R.A. 1st Anzac.

- |            |                                   |                    |
|------------|-----------------------------------|--------------------|
| Copy No.1. | Heavy Artillery 1st Anzac.        |                    |
|            | 2. Counter Battery Staff Officer. |                    |
|            | 3. 1st Aust.Divnl.Artillery.      |                    |
|            | 4. 5th Aust.Divnl.Artillery.      |                    |
|            | 5. 3rd Aust.Divnl.Artillery.      |                    |
|            | 6. 4th Aust.Divnl.Artillery.      | )                  |
| 7 and 8.   | R.A.Second Army.                  | )                  |
|            | 9. R.A.Canadian Corps.            | )                  |
|            | 10. R.A. X Corps                  | )                  |
|            | 11. 3rd Wing R.F.C.               | ) for information. |
|            | 12. 4th Squadron R.F.C.           | )                  |
|            | 13. 17th Balloon Coy.             | )                  |
| 14 to 23.  | 1st Anzac "G"                     | )                  |
|            | 24. 1st Anzac "Q"                 | )                  |
|            | 25. Diary.                        |                    |
|            | 26. File.                         |                    |
| 27 to 30.  | Spare.                            |                    |



TABLE "A"

Barrage.	Formation.	No. of guns to be used.	Nature.	Rate per gun per minute.	Total rounds required.
"U.a."	Left D.A. Group.	48	18-pr.	$\frac{1}{2}$	2160
		18	4.5" How.	$\frac{2}{3}$	396
	Right D.A. Group.	30	18-pr.	1	900
		9	4.5" How.	$\frac{1}{2}$	153
"V.a."	Left D.A. Group.	48	18-pr.	$\frac{1}{2}$	2160
		18	4.5" How.	$\frac{2}{3}$	360
	Right D.A. Group.	30	18-pr.	1	900
		9	4.5" How.	$\frac{1}{2}$	135

TABLE "B"

Barrage.	No. of guns to be used.	Nature.	Rate per gun per minute.	Total rounds required.
"U.a."	1 Battery. 6 guns.	60-pdr.	$\frac{1}{2}$	132
	5 Batteries 24 guns.	6" How.	$\frac{2}{3}$	720
	2 Batteries 12 guns.	8" How.	$\frac{1}{2}$	264
	2 Batteries 10 guns.	9.2" How.	$\frac{1}{2}$	220
"V.a."	1 Battery 6 guns.	60-pdr.	$\frac{1}{2}$	144
	5 Batteries 24 guns.	6" How.	$\frac{2}{3}$	768
	2 Batteries 12 guns.	8" How.	$\frac{1}{2}$	288
	2 Batteries 10 guns.	9.2" How.	$\frac{1}{2}$	240











SECRET.Copy No. *2*

ARTILLERY INSTRUCTIONS No.187  
by  
G.O.C.R.A. 1st ANZAC.

-----

30th October 1917.

1. The attached Table shows :-
  - (a) Dumps to be at the guns at noon "A" (in addition to allotment)
  - (b) Bulk allotment for period noon "T.a." to noon "A".
  - (c) Dumps to be at the guns at midnight preceding attack.
  - (d) Amount to be expended per gun during above period by Field Artillery for all purposes except Army barrages.
  - (e) Amount per day to be expended by Heavy Artillery for all purposes, except Army barrages.
2. In addition to above amounts the unexpended portion of the allotment noon "P.a." to noon "T.a." is available if required.
3. ACKNOWLEDGE ON FORM ATTACHED.

*R.A. Smith*  
Major R.A.

Issued as under :-

Staff Officer R.A. 1st Anzac.

- |            |                                |                    |
|------------|--------------------------------|--------------------|
| Copy No.1. | Heavy Artillery 1st Anzac.     |                    |
| 2.         | Counter Battery Staff Officer. |                    |
| 3.         | 1st Aust.Divnl.Artillery.      |                    |
| 4.         | 5th Aust.Divnl.Artillery.      |                    |
| 5.         | 2nd Aust.Divnl.Artillery.      |                    |
| 6.         | 4th Aust.Divnl.Artillery.      | )                  |
| 7 and 8.   | R.A.Second Army.               | )                  |
| 9.         | R.A.Canadian Corps.            | )                  |
| 10.        | R.A. X Corps.                  | )                  |
| 11.        | 2nd Wing R.F.C.                | ) for information. |
| 12.        | 4th Squadron R.F.C.            | )                  |
| 13.        | 17th Balloon Coy.              | )                  |
| 14 to 23.  | 1st Anzac "G"                  | )                  |
| 24.        | 1st Anzac "Q"                  | )                  |
| 25.        | Diary.                         |                    |
| 26.        | File.                          |                    |
| 27 to 30.  | Spare.                         |                    |



	18-pr.	4.5" How.	60-pr.	6" How.	6" Gun.	8" How.	9.2" How.	12" How.	15" How.	
(a) Dump to be at the guns at noon "A" in rounds per gun.	400	250	150	200	60	120	120	60	30	
(b) Bulk allotment for period noon "T.a." to noon "A" (7 days)	60480	20160	6720	20160	840	7000	4900	630	20	
(c) Dump to be at guns midnight preceding attack.  Estimated amounts required for Army Barrages "U.a." and "V.a."	16200  6120	3600  1044	900  276	4400  1488	120  -	1000  552	700  460	60  -	-  -	150 rds. per 18-pr. 100 rds. per 4.5"H. 50 rds. per 60-pr. 100 rds. per 6" How. 30 rds. per 6" Gun. 50 rds. per 8" How. 30 rds. per 9.2"H. 10 rds. per 12" How.
Bulk remaining to fire from noon "T.a." to noon "A"	38160	15516	5544	14272	720	5448	3740	570	20	
(d) Per gun or for 7 days.	353	431	-	-	-	-	-	-	-	
(e) Per day.	-	-	792	2039	102	778	532	81	3	

All the above figures are calculated on the full establishment of guns.

Appendix No. 31



S E C R E T.

Copy No. 25

ARTILLERY INSTRUCTIONS No.188  
by  
G.O.C.R.A. 1st ANZAC.  
-----

31st October 1917.

1. Attack Day (8) will not now take place on "W.a." day. Barrages arranged for "U.a." and "V.a." days will therefore be postponed.  
The date of Attack Day (8) will be notified later.
2. An Army Barrage will take place on the 2nd November on the Corps front for Field Artillery and on the Left Division front only for Heavy Artillery.  
Time of commencement 5.55 a.m.  
Rates of fire and number of guns to be used as for barrages laid down in Tables "A" and "B" attached to Artillery Instructions No.186.  
Diagrams are issued herewith to all concerned.  
  
The ammunition required will not be taken out of the allotment shewn in Table attached to Artillery Instructions No.187, but will be drawn from the unexpended portion of previous allotment.
3. The concentrations ordered in paragraph 3 of Artillery Instructions No.185 will also be postponed to Attack Day (8) minus two, and Attack Day (8) minus one, respectively.
4. ACKNOWLEDGE ON FORM ATTACHED.

*R.A.*

Major R.A.

Issued as under :-

Staff Officer R.A. 1st Anzac.

- |            |                                |   |
|------------|--------------------------------|---|
| Copy No.1. | Heavy Artillery 1st Anzac.     |   |
| 2.         | Counter Battery Staff Officer. |   |
| 3.         | 1st Aust.Divnl.Artillery.      |   |
| 4.         | 5th Aust.Divnl.Artillery.      |   |
| 5.         | 2nd Aust.Divnl.Artillery.      |   |
| 6.         | 4th Aust.Divnl.Artillery.      | ) |
| 7 and 8.   | R.A. Second Army.              | ) |
| 9.         | R.A. Canadian Corps.           | ) |
| 10.        | R.A. X Corps.                  | ) |
| 11.        | 2nd Wing R.F.C.                | ) |
| 12.        | 4th Squadron R.F.C.            | ) |
| 13.        | 17th Balloon Coy.              | ) |
| 14 to 23.  | 1st Anzac "G"                  | ) |
| 24.        | 1st Anzac "Q"                  | ) |
| 25.        | Diary.                         |   |
| 26.        | File.                          |   |
| 27 to 30.  | Spare.                         |   |
- ) for information.



— DIAGRAM FOR BARRAGE —

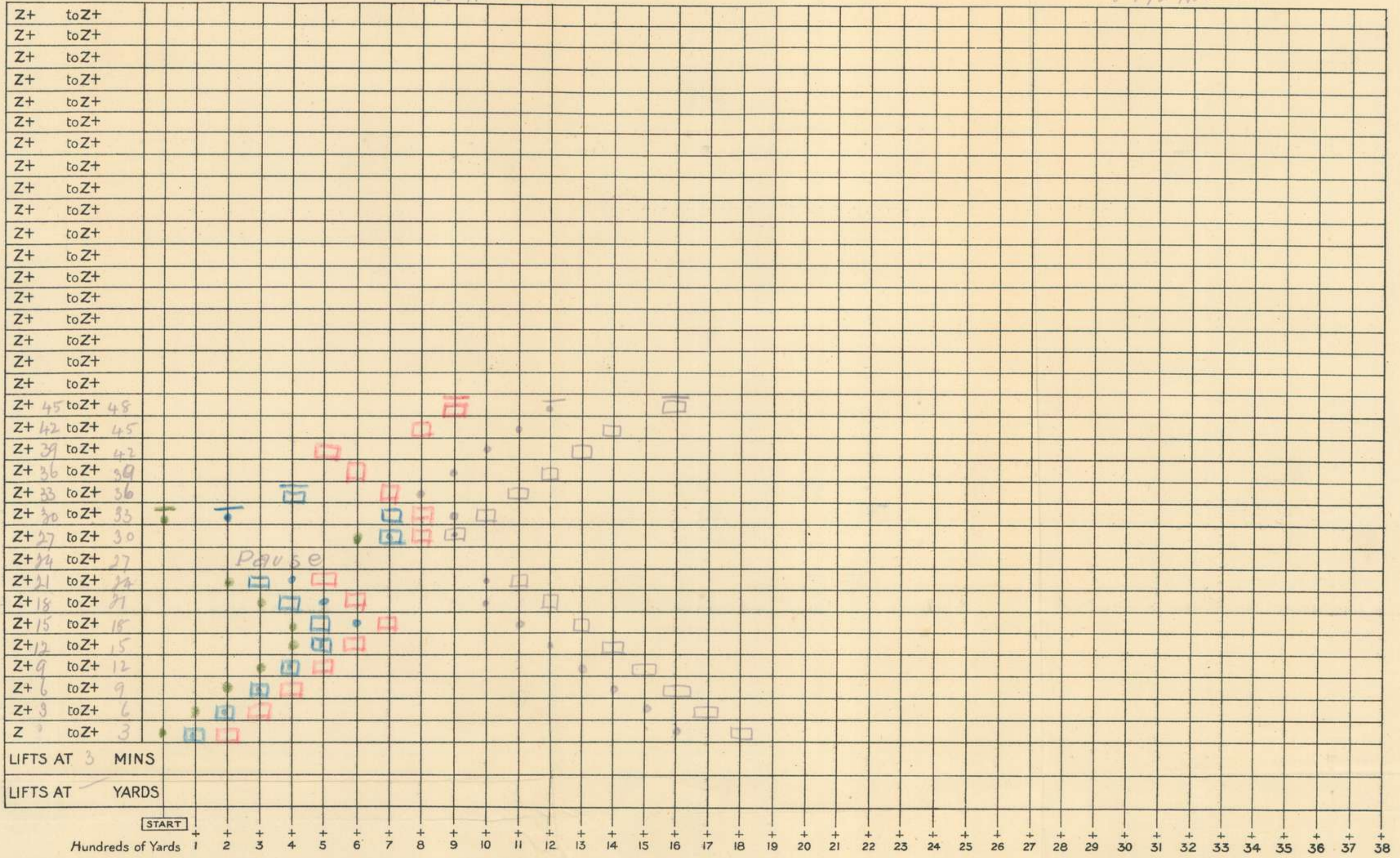
Va(A)

A  
18pr

B  
18pr  
4.5" How.

D  
6" How

E  
60pr  
8" 49.2" How.



F.S.Co. 1027. 5-9-17.

PRINTED BY AN ADVANCED SECTION A.P.&S.S.



— DIAGRAM FOR BARRAGE —

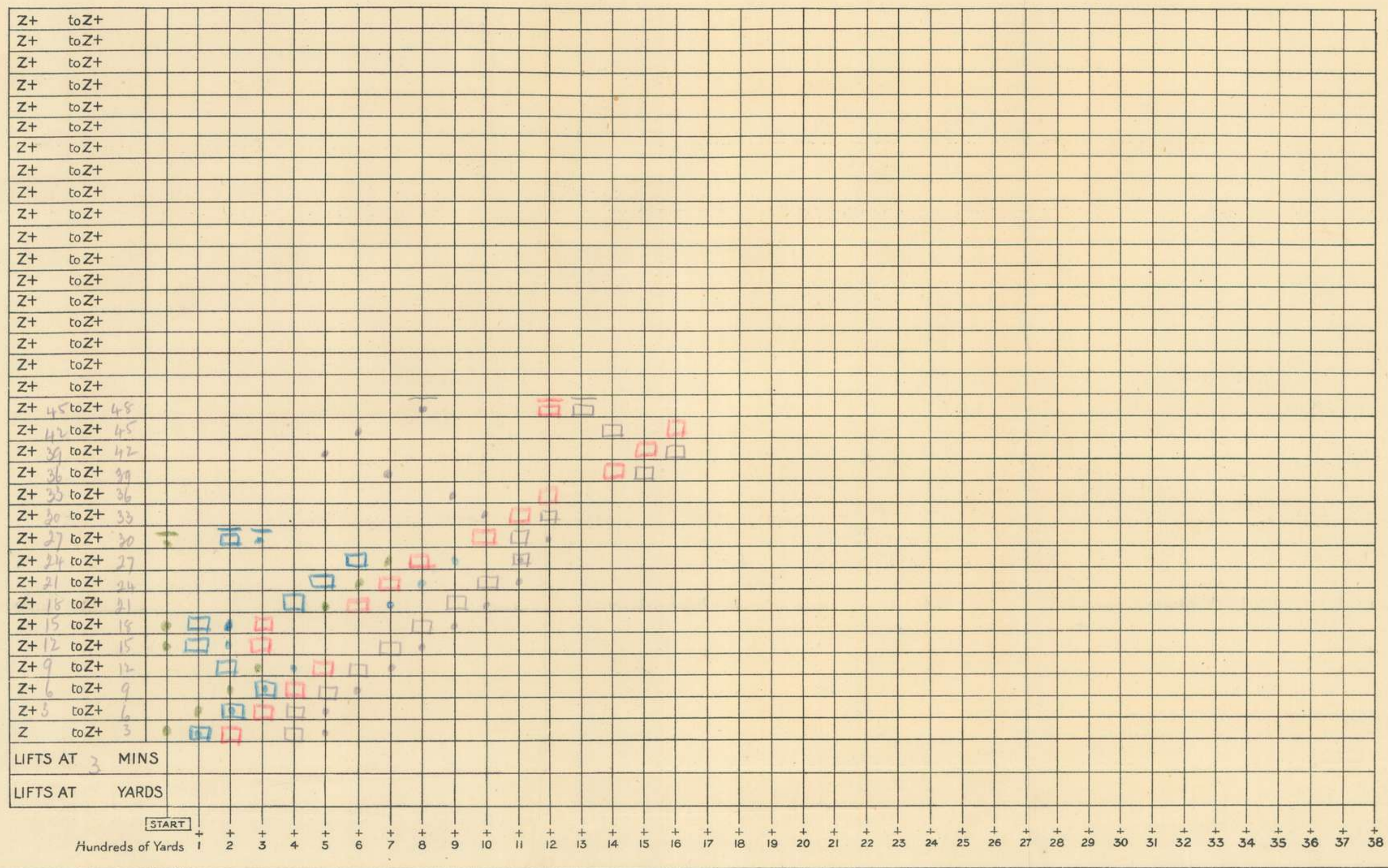
A  
18 pr. ●

B  
18 pr. ●  
4 5" How. □

D  
6" How. □

E  
60 pr. ●  
8" 19.2" How. □

Va(A)



F.S.Co. 1027. 5-9-17.

PRINTED BY AN ADVANCED SECTION A.P.&S.S.



"A" Form.

Army Form C. 2121.  
(In pads of 100.)

MESSAGES AND SIGNALS.

No. of Message.....

Prefix.....	Code.....m	Words.	Charge.	This message is on a/c of:	Recd. at.....m.
Office of Origin and Service Instructions.		Sent			Service.
<b>PRIORITY</b>		At.....m.		(Sig. of "Franking Officer.")	From.....
		To.....			By.....
		By.....			

TO { Heavy Artillery 1st Anzac, 1st Aust.Divnl. Artillery, 5th Aust.Divnl. Artillery, 1st Anzac "G"

Sender's Number	Day of Month	In reply to Number	AAA
* R.I.499	3		

Reference Artillery Instructions 185 and 188  
 Army Barrage to-morrow morning will now take place at 4.40 a.m. and not as previously ordered AAA Counter battery concentration to-morrow morning will now be from 3.30 a.m. to 4.15 a.m. and not as previously ordered AAA Acknowledge AAA Addd. H.A. 1st Anzac, 1st Aust.Divnl. Arty., 5th Aust.Divnl. Arty. Reptd. 1st Anzac "G"

From	R.A.	1st	Anzac.
Place			
me			Major R.A.

The above may be forwarded as now corrected. (Z) S.O.R.A. 1st Anzac.  
 Censor. Sig. of Addressor or person authorised to telegraph in His name.

\* This line should be erased if not required.







SECRET.Copy No. 72nd AUSTRALIAN DIVNL. ARTILLERYORDER No. 49.  
-----1st October 1917.S. O. S.

1. In future, on a "S.O.S." message or signal being received from their Sector, Batteries covering the Sector will open, and continue firing for 10 minutes *on* their "S.O.S." lines.

The superimposed Brigades will then search back by hundreds of yards for 5 minutes in minute lifts, the remaining Brigades will still fire *on* their "S.O.S." lines.

After a total of 15 minutes, fire will die down, unless the "S.O.S." message or signal is again sent up, when the same procedure will be repeated.

2. All Battery positions are to be fitted with a rake and pointer, clearly defining the limits of sectors, both Group and Divisional. direction
3. Batteries will see that they are constantly in touch with their respective transmitting stations, by visual as well as telephone.
4. On a "S.O.S." signal being received, flank batteries of Groups will invariably warn the flank battery of the neighbouring Group to which they must be connected direct.
5. ✓ ACKNOWLEDGE.

aw

Major R.A.

Brigade Major 2nd Aust. Divnl. Artillery.

Issued as under :-

- |             |                             |
|-------------|-----------------------------|
| Copy No. 1. | 1st Anzac R.A.              |
| 2.          | 2nd Aust. Divn. "G"         |
| 3.          | "C" Group.                  |
| 4.          | "D" Group.                  |
| 5.          | 5th Aust. Divnl. Arty.      |
| 6.          | 3rd Divnl. Artillery.       |
| 7.          | 4th Aust. Divnl. Arty.      |
| 8.          | 4th Aust. Field Arty. Bde.  |
| 9.          | 11th Aust. Field Arty. Bde. |
| 10.         | War Diary.                  |
| 11.         | File.                       |



SECRET

Copy No  
**23**

SECOND AUSTRALIAN DIVISIONAL ARTILLERY.

ORDER No 50  
=====

Reference Map. .: 28 N.W.2) 1/10,000  
                  28 N.W.1)

Headquarters,  
2nd October, 17.

INFORMATION

1. The Second Army, in conjunction with the Fifth Army, will continue the present operations on Attack Day, in order to capture the PASSCHENDAELE RIDGE.
2. The 1st ANZAC will capture the line J.5.b.4.2. to D.23.a.8.3.
3. The operation will be carried out in two stages, as shown by the Red and Blue Lines in the Barrage Maps already issued.
4. The 2nd Australian Division will attack on a two-Brigade Front; the 6th Australian Infantry Brigade on the Right; the 7th Australian Infantry Brigade on the Left.
5. The 1st and 3rd Australians Divisions will be attacking on the Right and Left respectively.
6. Each Brigade will attack on a one Battalion front; the 22nd Battalion on the Right; the 25th Battalion on the Left.
7. The Inter-Brigade (and Artillery Group covering) Boundary will be from D.28.c.40.45. - D.23.50.60. to D.24.a.30.00.
8. Headquarters: 2nd Aust. Div. Advanced I.14.b.1.6. rear, H.21.b.4.4.  
                   2nd Aust.D.A. Advanced I.14.b.1.6.; Rear H.21.b.6.4.  
                   6th Aust.Inf.Bde. do J.2.a.3.5. do I.12.c.3.5.  
                   7th do do do D.26.c.4.3. do I.12.c.3.5.  
                   5th do do do I.11.b. do BELGIAN CHATEAU.
9. Barrages: The Infantry will advance from a Jumping-off Line as shown in Barrage Maps, under a Creeping Barrage in depth as detailed in Barrage Diagram already issued. "A" Barrage will be 150 yards in front of the Jumping-off Line.
10. Every gun of the "A" Barrage will fire 4 rounds of Smoke Shell in quick succession on reaching the Protective Barrage of the Red and Blue Lines.
11. For four minutes prior to commencing to creep forward from the Red Line, 18-pdrs of "A" Barrage will fire at the rate of 4 rds p.g.p.m. to give the Infantry warning that they are about to advance.
12. Fire ceases at Zero plus 360 minutes, unless further required.
13. Rates of Fire:-

	<u>18-pdr</u>	<u>4.5"</u>
During Advance, rds p.g.p.m.	2	1
During time Inf. are halted	1	1/2
During first four minutes.	4	-
During 4 min. before advancing)	4	1
from Red Line )	4	1
14. Ammunition Proportion: Half H.E. and Half Shrapnel with corrector for 50% on Graze.
15. Arrangements for F.O.O's, Liaison, Wireless, Resting of guns and personnel, N.F., G.F. and L.L. Calls, and synchronisation of watches, will be as detailed in Instructions and Orders for the Operations on 20th September and 4th Aust. D.A. Instruction No 20.



SECOND AUSTRALIAN DIVISIONAL ARTILLERY

ORDER No 50 (2)

Reference Map: 28 N.W. 2, 28 N.W. 3, 28 N.W. 4, 28 N.W. 5, 28 N.W. 6, 28 N.W. 7, 28 N.W. 8, 28 N.W. 9, 28 N.W. 10, 28 N.W. 11, 28 N.W. 12, 28 N.W. 13, 28 N.W. 14, 28 N.W. 15, 28 N.W. 16, 28 N.W. 17, 28 N.W. 18, 28 N.W. 19, 28 N.W. 20, 28 N.W. 21, 28 N.W. 22, 28 N.W. 23, 28 N.W. 24, 28 N.W. 25, 28 N.W. 26, 28 N.W. 27, 28 N.W. 28, 28 N.W. 29, 28 N.W. 30, 28 N.W. 31, 28 N.W. 32, 28 N.W. 33, 28 N.W. 34, 28 N.W. 35, 28 N.W. 36, 28 N.W. 37, 28 N.W. 38, 28 N.W. 39, 28 N.W. 40, 28 N.W. 41, 28 N.W. 42, 28 N.W. 43, 28 N.W. 44, 28 N.W. 45, 28 N.W. 46, 28 N.W. 47, 28 N.W. 48, 28 N.W. 49, 28 N.W. 50

16. The Day of Attack and Zero Hours will be notified separately

17. Moves Forward:

On taking the Blue Line, the Batteries of "C" Group, West of BELLEWARDE RIDGE will be ordered to advance to positions in D.27.c. and d., which are being reconnoitred. "D" Group will be ordered to advance to positions in D.26 and J.2.

Orders for the advance will be issued from this office.

Not more than <sup>1/3</sup> Half of the guns will be out of action at one time.

18. ACKNOWLEDGE.

INFORMATION

*[Signature]*  
Major, R.A.  
Brigade-Major,  
2nd Aust. Div. Arty.

ISSUED AT MIDNIGHT 2-3/10/17.

NORMAL DISTRIBUTION; Extra copies to 2nd Aust. Div. For Inf. Bdes.

- MAPS & DIAGRAMS TO:-
- "C" Group,
  - "D" Group,
  - L.O., Left Inf. Bde, 2nd Aust Div
  - L.O., Right Inf. Bde. 2nd Aust. Div
  - L.O., 3rd & 5th Aust. D.A's.

SECRET

Copy No 23

SECOND AUSTRALIAN DIVISIONAL ARTILLERY.

AMENDMENT No 1 to ORDER No 50

Rates of Fire: When the 18-pdr Barrage "A" is on the RED Protective Barrage, its rate will be 2 rounds p.g.p.m. and not as previously ordered. Rate of fire for the period Zero to Zero plus 3 will be Four rounds p.g.p.m. for 18-pdrs. Previously this rate was to be fired for four minutes,

*[Handwritten mark]*

*[Signature]*

To all recipients of Order No 50.

Major, R.A.  
Brigade Major,  
2nd Aust. Div. Arty.



AMENDMENT No 2 to  
 SECOND AUSTRALIAN DIVISIONAL ARTILLERY  
 ORDER No 50  
 =====

2nd Aust. D.A.H.C.,  
 3rd October, 1917.

Para 7, Line 2, for "D.28.e.40.45" read "D.28.a.22.55."

*A. L. J. J. J.*

Major, R.A.  
 Brigade-Major,  
 2nd Aust. Div. Arty.

To all recipients of Order No 50.

*AM*

*ES*



SECRET

## SECOND AUSTRALIAN DIVISIONAL ARTILLERY

COPY No 23

\*\*\* ORDER No 51 \*\*\*  
\*\*\*\*\*Headquarters,  
3rd. October, 1917.

1. On the capture of the BLUE LINE, S.O.S. Lines will approximately be as follows:-

<u>18-pdr</u>	<u>4.5" How.</u>
"C" Group, D.29.b.6.8.- D. <sup>23</sup> 25.d.6.9.	Points D.24.a.6.8.-D.18.c.3.3. D.18.d.17.17. Valley N.edge of BUSY WOOD,
"D" Group, D.23.d.6.8.- D. <sup>d 20</sup> 17.e.7.0.	BROODSEINDE-MOORSLEDE Rd to De Mispelaere Cabt. Valley between CHINA and ANVIL WOODS.

Lines to conform to the ground.  
Liaison Officers must get definite information regarding posts, etc, and make the necessary alterations. Group and D.A. H.Qs will be informed at once.

2. Barrage on the evening of "S" DAY.

The following programme will be carried out on "S" DAY on the front of the Second Army (viii Corps excepted):-

(9.45pm to 10 pm - Silent period-no firing except in case of attack  
(a) { 10. pm to 10.6pm- Standing Barrage, in depth from 200 yards to 1000 yards beyond S.O.S. Lines.

{ 10.6 pm to 10.11pm- Silent period.  
(b) { 10.11pm to 10.17pm- Standing Barrage in depth from 1200 yards to 2000 yards beyond S.O.S. Lines.

3. The order of separate barrages from W. to E. will be  
A - B - D - E (8" & 9.2" Hows) - E (60-pdrs)

4. Distance between M.P.L of Barrage, 200 yards.

5. Barrage "A", 200 yards beyond S.O.S. Line in the first barrage; 1200 yards beyond S.O.S. Lines in the second Barrage.

6. Rates of Fire:-

18-pdrs ---	2 rds p.g.p.m.
4.5" Hows....	1½ "

7. BARRAGE on "T" DAY:

(i) At 5.15 a.m. on "T" DAY, a barrage in depth will be put down on the Second Army front (less viii Corps)

(a) Barrages normal order W. to E. viz: A - B - D - E.

(b) "A" Barrage on S.O.S.Lines.

(c) Distance between barrages-150 yards

(d) Pace- 100 yards in 3 minutes.

(e) Rates of fire as for Bombardment Barrages.

(f) Barrages will creep straight down the Group Zones and jump back to S.O.S. Lines at Zero plus 30, remaining there till cease fire.

(g) 18-pdrs cease fire at Zero plus 33; other natures at Zero plus 37, unless otherwise required by the tactical situation.

QWATZ



(2)

7.(ii)	10.pm	Bursts of fire for 6 mins.	}	As for "S" DAY (a)
	10.11pm	do		
	11. pm	do	}	As for "S" DAY (b).
	11.11pm	do		

8. SUBSEQUENT DAYS:

"U"	DAY	}	Destructive, Harassing and Isolating fire; No Barrages.
"V"	"		
"W"	"	}	2 Barrages per diem, at least one of which will be during the night;
"X"	"		
"Y"	"		Bursts of fire at 9.30pm and 9.41pm as on "S" DAY.
"Z"	"		At 5.30 am, a barrage over the Second Army front.

Details for above will be issued later.

9. ACKNOWLEDGE.

*avg*

*J. J. P. [Signature]*

Major, R.M.  
Brigade-Major,  
2nd Aust. Div. Arty.

Issued at 1.p.m.  
NORMAL DISTRIBUTION.

*WAR*



9  
**SECRET**

AMENDMENT No 1 to  
-----  
SECOND AUSTRALIAN DIVISIONAL ARTILLERY

ORDER No 31  
=====

Headquarters,  
4th October, 1917.

1. Reference para 7 (i)

(a) Lifts will be 100 yards in three minutes

(b) At Zero plus 30 the 18-pdrs of "A" and "B" Barrages jump back to their starting line; ceasing fire at Zero plus 33.

(c) At Zero plus 36, 4.5" Hows/similarly/cease fire at Zero plus 51. <sup>act and</sup>

2. Reference para 7 (ii), delete and substitute:-

9.45 pm to 10 pm	Silent period, Barrages "A", "B", "D" and "E" put down a standing barrage; starting line "A", 200 yards beyond S.O.S. Line, normal distances.
10 pm to 10.6 pm	
10.6 pm to 10.11 pm	Silent period.
10.11 pm to 10.17 pm	As for 10 pm to 10.6 pm, but starting line, Barrage "A" 1200 yards beyond S.O.S. Line.
10.45 pm to 11 pm	Silent period.
11 pm to 11.6 pm	As for 10 pm to 10.6 pm
11.6 pm to 11.11 pm	Silent period.
11.11 pm to 11.17 pm	As for 10.11 pm to 10.17 pm

3. ✓ ACKNOWLEDGE.

*aw*

*J. D. Pook*

Major, R.A.  
Brigade-Major,  
2nd Aust. Div. Arty.

Normal Distribution  
Issued at 8 am

*Rest*



SECOND AUSTRALIAN DIVISIONAL ARTILLERY.

\*\*\* ORDER No 52 \*\*\*  
\*\*\*\*\*

Headquarters,  
3rd October 1917.

126

1. On the BLUE LINE being secured, Batteries will move forward as follows:-

2. "D" Group:

(a) 4th A.F.A.Bde. During afternoon of ATTACK DAY, one section per Battery at quarter hour intervals, will get into position and register. Remainder will proceed at Half hour intervals, as soon as forward sections are reported registered.

(b) 5th A.F.A.Bde: will continue work on their forward positions and get up as much ammunition as possible, ready to occupy the positions at short notice. This will be carried out as detailed for 4th A.F.A. Brigade, probably on "U" DAY.

3. "C" Group: will continue work on the forward positions about D.27.c.5.3. and D.27.d.2.4. and get forward as much ammunition as possible. They should be prepared to move up one section per Battery on the afternoon of "T" DAY to register; the remainder going up as soon as they have done so.

4. 2nd and 4th D.T.M.O's will get into communication with O.C's "D" and "C" Groups, respectively, and place all available men at their disposal for the work. D.T.M.O's will arrange for the rationing of these parties. Each will be supplied by 2nd and 4th D.A.C's with necessary transport on application.

5. Wagon Lines will move forward to areas selected by Staff-Captain who will make all arrangements and notify Brigades.

6. ACKNOWLEDGE.

*aws*

*[Signature]*

Major, R.  
Brigade-Major,  
2nd Aust. Div. Arty.

Issued at 6 p.m.  
NORMAL DISTRIBUTION.

Copies to 2nd and 4th  
Aust. D.T.M.O's..

SECOND AUSTRALIAN DIVISIONAL ARTILLERY.

Headquarters,  
3rd October, 1917.

*[Handwritten mark]*

The following additions will be made to NORMAL DISTRIBUTION OF ORDERS:-

- 2nd Aust. D.A.C. . . . .1 Copy
- 4th Aust D.A.C. . . . .1 "
- H.A., 1st ANZAC . . . .1.."
- SIG. OFFICER . . . .1. "







SECRET

Copy No 23

## SECOND AUSTRALIAN DIVISIONAL ARTILLERY.

----- O R D E R No 54 -----  
=====Headquarters,  
5th October, 1917.FOURTH STAGE OF OPERATIONS:

1. The following preparations will be made for the FOURTH and subsequent stages of the current operation.
2. The objective for the Fourth Stage will be approximately the line - FLINTE FARM - RHINE - TIBER.
3. On the capture of this line, the 4th and 5th Australian D.A.'s will be prepared to move forward under mobile warfare conditions. A Mobile Heavy Group will be formed for the same purpose.
4. Details for the move to forward positions of the 2nd Aust. D.A. Group have been issued in Order No 52.
5. IN-ENTRY RELIEF: The 5th Aust. Inf. Bde will relieve the 6th and 7th Aust. Inf. Bdes tonight (5/6th Oct) in the front line captured on 4th October. There will be two Battalions in the front line.
6. Headquarters of Inf. Bdes:-

5th A.I.Bde,	Advanced	D.26.c.1.3.
	Rear	I.12.c.3.5.
6th A.I.Bde,	Advanced	SANS SOUCI
	Rear	I.12.c.3.5.
7th A.I.Bde	RAILWAY WOOD	
7. Liaison will be carried out as heretofore during period when actual operations are not in progress.
8.  ACKNOWLEDGE.

*Normal Distrib*

*J.P. P. P.*

Major, R.A.,  
Brigade-Major,  
2nd Aust. Div. Arty.



SECRET

Copy No. 53

## SECOND AUSTRALIAN DIVISIONAL ARTILLERY

\*\*\* O R D E R No 55 \*\*\*  
\*\*\*\*\*

REFERENCE MAP -  
ZONNEBEKE, 28 N.E.1-1/10,000

Headquarters,  
8th October, 1917.

1. The Boundary of the Second Australian Division will be extended to the Railway on night 6/7th October. The Northern Boundary will then follow the Railway towards ROULERS from D.22.a.5.0. where it leaves it at present. Railway inclusive to 2nd Aust. D.A.
2. The 2nd Aust. Div. will accordingly take over that portion of the line held by the Right Div., 2nd ANZAC as far as the Railway on the night of 6/7th October. The relief will be carried out by mutual arrangements between G.O.C.'s <sup>Inf. Bdes</sup> concerned. Command will pass on completion of relief and at that hour Artillery Groups will be responsible for Sectors as detailed in para .3. Inf. Bde. Liaison Officers to notify the time of relief to Groups, who will report same and completion to D.A.H.Q.
3. The inter- Inf. Bde (and covering Group) Boundary will be SANS SOUCI - St. JOSEPH'S INSTITUTE along ZONNEBEKE-BROODSEINDE ROAD to D.22.d.6.5. - direct line through N.W. corner of DAIRY WOOD to E.13.c.15.95.
4. The Headquarters of 7th Aust. Inf. Bde will be at D.26.c.1.3.
5. Groups will ascertain exact front line after being taken over, through Bde. Liaison Officers and inform D.A.H.Q.
6. ACKNOWLEDGE.

*[Signature]*  
Major, R.A.  
Brigade-Major,  
2nd Aust. Div. Arty.

Issued at 8 a.m.  
Normal Distribution



SECRET

## SECOND AUSTRALIAN DIVISIONAL ARTILLERY

\*\*\* O R D E R No 56 \*\*\*  
\*\*\*\*\*Headquarters,  
6th October, 1917.

1. The 1st ANZAC CORPS in conjunction with the Corps and Army to the North, will advance on a day and hour to be notified.
2. The approximate objectives on the Corps Front have been notified.
3. On night of 6/7th October, the 7th Inf. Bde takes over the Sector up to Railway as detailed in Order 55.  
On night of 7/8th October,  
the 6th Aust. Inf. Bde will take over the Right Sector of the Divisional front;  
the 5th Aust. Inf. Bde will take over the Left Sector of the Divisional front.  
The 7th Aust. Inf. Bde will be in Divisional Reserve.
4. The 4th stage of current operations will probably take place on "X" DAY.
5. Two Bombardment Barrages will be carried out on "V" and "W" DAYS, instead of as notified in D.A. Order No 51. Diagrams attached (*groups only*)  
(a) Starting Line on Diagram will be 18-pdr S.O.S. Line  
(Heavy Artillery will be notified of S.O.S. Line)  
(b) Rates of fire:-  

<u>18-pdr</u>	<u>4.5" How</u>
2 rds p.g.p.m.	1½ rds p.g.p.m.

  
(c) Times of commencement will be notified later.  
(d) The usual restrictions as to use of 106 Fuze.
6. With reference to D.A. Order No 54, para 3, the O.C., "C" Group will reconnoitre positions about D.22 and D.28. These should be close to the Ridge in order to avoid observation from N.N.E., compatible to clearing the crest at required range.
7. Orders to move to these positions will be issued from this office on taking the 4th objective. The Staff-Captain is arranging for forward Wagon Lines.
8. The WESTHOEK- ZONNEBEKE ROAD is being remade and <sup>will</sup> be timbered. No traffic is allowed while under formation.
9. ACKNOWLEDGE.

*aw*

Issued at 8 a.m.  
Normal Distribution.

*J.P. S.*

Major, R.A.  
Brigade-Major,  
2nd Aust. Div. Arty.



SECRET

SECOND AUSTRALIAN DIVISIONAL ARTILLERY

ORDER No 58

-----oOo-----

Headquarters,  
7th October, 1917.

1. There will be a silent period on "V" DAY from 10.15pm to 10.70pm
2. There will be no firing during Silent Periods, except in case of actual attacks. On conclusion of period normal programme of Harassing fire, etc, will be continued.
3. Barrage action for "X" DAY:-
 

9.15 <sup>PM</sup> pm to 9.30pm	Silent period. E
9.30pm to 9.36pm	Barrages A, B, D, & E as a standing Barrage "A" 200 yards beyond S.O.S. Line.
9.36pm to 9.41pm	Silent period.
9.41pm to 9.47pm	Barrage A, B, D & E as a standing Barrage; "A" Barrage 1200 yards beyond S.O.S. Line.

4. Barrage action for "Y" DAY:-

- (a) At 4.45 am a barrage in depth will be put down in conjunction with the Corps on our Right and Left.
- (b) Normal order A, B, D. & E; W. to E. 150 yards between M.P.I.
- (c) Starting line, "A" on S.O.S. Line.
- (d) Lifts and Timing- 100 yards in 3 minutes.
 

At Zero plus 30, 18-pdrs jump back to starting line.

At Zero plus 36, 4.5" Hows. jump back to starting Line.
- (e) Cease Fire:
 

18-pdrs, Zero plus 33,
4.5" Hows., Zero plus 51

5. Rates of Fire ( rds p.g.p.m.) in paras 3 and 4:-

	<u>18-pdr</u>	<u>4.5" How</u>
Para 3	2	1½
Para 4	2	1

6. ACKNOWLEDGE.

*Ans*  
*WJZ*

*[Signature]*

Major, P.A.,  
Brigade Major,  
2nd Aust. Div. Artv.

Issued at 8 a.m.,  
Normal Distribution.



43

Army Form C. 2128.  
(In books of 100.)

No. of Message.....

**"C" Form**  
**MESSAGES AND SIGNALS.**

Prefix.....	Code <u>AR</u>	Words <u>33</u>	Received	Sent, or sent out	Office Stamp
			From <u>9110</u>	At.....m.	
Charges to collect			By <u>Cameron</u>	To.....	
Service Instructions.			By.....		
Handed in at.....			Office <u>119</u>	Received <u>27</u>	

TO 4 A. S. A.

*Sender's Number <u>54161</u>	Day of Month <u>7th</u>	In reply to Number	<b>AAA</b>
----------------------------------	----------------------------	--------------------	------------

<u>Reference</u>	<u>order</u>	<u>58 of</u>
<u>even</u>	<u>date</u>	<u>aaa In</u>
<u>para</u>	<u>3</u>	<u>second line</u>
<u>for</u>	<u>"9.15 am"</u>	<u>read</u>
<u>"9.15 pm"</u>	<u>aaa</u>	<u>Added</u>
<u>all</u>	<u>recipients</u>	

FROM 2nd Aust Div Arty

PLACE & TIME

\* This line should be erased if not required.  
 (B 8188) Wt. w. 7496-M857 250,000 Pads. 1/17 H & S (E489.) Forms/C.2123/3



SECRET

Copy No

SECOND AUSTRALIAN DIVISIONAL ARTILLERY.

ORDER No 59  
\*\*\*\*\*000\*\*\*\*\*

Headquarters,

7th October, 1917.

1. Order No 53 of 4/10/17 is cancelled.

2. (a)	Daily allotment from noon "T" DAY to midnight "W/X" DAY.	18-pdr per gun } 230 rds for } 3 1/2 days } 805	4.5" per How. } 230 rds for } 3 1/2 days } 805
(b)	Allotment from midnight "W/X" DAY to noon "Y" DAY	460	460
(c)	Daily Allotment from noon "Y" DAY to midnight "B/C" DAY	230 rds for 3 1/2 days } 805	230 rds for 3 1/2 days } 805
(d)	Allotment from midnight "B/C" DAY to noon "D" DAY	460	460
TOTAL ALLOTMENT from noon "T" DAY to noon "D" DAY		2,530	2,530

3. To be at Gun positions at midnight "W/X" DAY and midnight "B/C" DAY. } 960 } 760

4. To be on hand at gun positions at noon "Y" DAY and noon "D" DAY } 500 } 300

5. ✓ ACKNOWLEDGE.

*aw*

*H. D. John*

Major, R.A.  
Brigade-Major,  
2nd Aust. Div. Arty.

Issued at 2 p.m.  
NORMAL DISTRIBUTION.

*MSB*



## SECOND AUSTRALIAN DIVISIONAL ARTILLERY.

O R D E R No 60

-----oOo-----

Headquarters, 134  
8th October, 17.

1. Owing to the present weather conditions, it is not considered possible for guns to move forward by the WESTHONK-ZONNEBEKE ROAD from their positions in D.27.c.
2. In consequence of this, and in order to have a mobile Brigade consisting of one command, ready to move forward in accordance with this office Order No 54, Batteries will be re-adjusted as follows:-

3

10th A.F.A. Brigade				
Battery	Location	Guns		
		In position	Take Over	
37th	J.2.d.15.75.	5	-	1 at W.L.
38th	J.7.a.05.15.	3	2 from 41st	1 at I.O.M.
39th	J.7.c.57.62.	4	2 " 43rd	
110th	( J.7.c.13.78. ( D.27.d.3.2 (detached)	4 1		1 coming back.
11th A.F.A. Brigade. (Forward).				
41st	( D.27.c.6.2. ( D.27.c.3.4. ( D.27.c.8.0.	2	2 from 38th 2 from 39th	
42nd	J.2.d.62.62.	6		(2 at I.O.M.
43rd	D.27.d.1.4.	3		(1 coming back
111th	J.2.c.05.75.	5		1 at I.O.M.

4. "C" Group will make the necessary arrangements for personnel to take over as above immediately.
5. Positions for one Brigade have been reconnoitred and found possible from D.28.a.0.9. to D.21.d.60.35. The road must not be blocked. A report on this has been forwarded to "C" Group.
6. Battery Commanders concerned will reconnoitre and mark exact positions and access thereto immediately. It is proposed to come in by the BIRR X Rds - FREZENBERG - ZONNEBEKE ROADS, by permission of 2nd ANZAC; no other road being possible.
7. The 10th Brigade must be ready to move forward immediately the final objective on ATTACK DAY has been secured.
8. ACKNOWLEDGE.

Issued at 8 a.m.  
Normal Distribution

*J. P. Polkin*  
Major, R.A.  
Brigade-Major,  
2nd Aust. Div. Arty.



## SECOND AUSTRALIAN DIVISIONAL ARTILLERY

O R D E R No 61

-----oOo-----

Headquarters,  
8th October, 1917.1. INFORMATION:

The 3rd Phase of the operations having been brought to a successful issue, the Second Army is proceeding, after due preparation, to make a further advance; the Fifth Army co-operating on the Left Flank.

2. The 1st ANZAC is on the Right of the Advance and will have as its 1st Objective the line D.23.d.1.0. - RHINE-ASSYRIA - D.18.b.0.8. (BLUE LINE)

3. The advance will be made in two stages, as shown by the RED and BLUE LINES in Barrage Maps attached. \*

4. The 2nd Australian Division will carry out the attack on "X" DAY. Divisional and Inter-Brigade Boundaries as detailed in Order 55.

5. On the 2nd Aust. Div. Front, the attack will be carried out by the 6th Aust. Inf. Bde on the RIGHT and the 5th Aust. Inf. Bde. on the LEFT. The 7th Aust. Inf. Bde will be in Div. Reserve.

6. The 6th Aust. Inf. Bde will attack on a 2 Bn Front, *(22nd Bn. on Rt. 23rd Bn. on Left.)* having practically only one phase and a wide front. The 5th Aust. Inf. Bde will attack on a 1 Bn Front; 18th Battalion will take the RED LINE; 19th Battalion will take the BLUE LINE.

The 66th Division will attack on the LEFT of the 2nd Aust. Div.; the 167th Bde will be the RIGHT-BDE. of the 66th Division.

7. HEADQUARTERS:- 5th Aust. Inf. Bde. D.26.c.1.3.  
6th Aust. Inf. Bde. J.2.a.3.6.  
7th Aust. Inf. Bde. D.26.c.1.5.

8. ARTILLERY: The 2nd Aust. Div. will be covered by 1st, 2nd and 4th D.A.'s, the 1st Aust. D.A. having been allotted for tactical purposes.

The 1st A.D.A. ("C 1" Group) and 4th A.D.A. ("C" Group) will cover the 6th Aust. Inf. Bde.

The 2nd A.D.A. will cover the 5th Aust. Inf. Bde.

Inter-Group Boundaries as detailed in Order No 57.

9. BARRAGES

(a) The advance will be made under cover of a barrage in depth. Jumping Off Line, Lifts and Timings are shown in attached Map and Diagram.

(b) The 18-pdr "A" Barrage will halt when it reached each Protective Barrage, as shown on the Map.

(c) The Barrage will lift off the RED Protective Barrage North of BIRMA at Zero plus 106; South of BIRMA it remains on the RED Protective Barrage until fire ceases on the BLUE Protective Barrage at ZERO plus 334.

(d) At Zero plus 106, the Barrage North of BIRMA lifts at the rate of 100 yards in 8 minutes, up to the BLUE Protective Barrage.

(e) The "A" Barrage will commence 150 yards in front of the Infantry Jumping Off Line.



2nd Aust Div. Arty.  
ORDER No 61

(2)

10. Every 18-pdr of "A" Barrage will fire 4 rounds of SMOKE Shell in quick succession as it reaches the Protective Barrage as a signal to the Infantry that the Barrage is about to advance. The rate of fire will be quickened to 4 rds p.g.p.m. four minutes previous to lifting. Similarly the 4.5" Hows will quicken to 1 rd p.g.p.m.

11. RATES OF FIRE: (p.g.p.m.)

	18-pdr	4.5" How
Zero to Zero plus 4	4	1
Infantry moving	2	1
Infantry halted	1	$\frac{1}{2}$
"x" Zero plus 102 to Zero plus 106	4	1

"x" applies only to guns creeping forward to BLUE Protective Barrage.

12. Fire ceases at Zero plus 334, unless required.

13. The 1st Aust. Div. Arty will come under the tactical command of the 2nd Aust. D.A. Group (Brigadier-General G.J. (JOHNSTON, C.B., C.M.G., V.D.)) at 6 p.m. on 8th October, 1917. Zones will be covered by Groups as detailed in this office Order No 57, except that "C" Group will superimpose two Batteries over "C 1" Sector in case of S.O.S. until Zero minus 1 hour.

14. Groups will cover their zones with one Brigade - superimposing the other.

15. COMMUNICATIONS: The buried cable is being continued from present cable-head (TOKIO) to MOULIN FARM. The same arrangements as heretofore will hold good for F.O.O's. It is essential that visual signalling is put into action immediately the first F.O.O. has reached his selected position, while the other F.O.O. is laying the wire to him. Shutters may be visible over this short advance.

16. SYNCHRONISATION will continue as heretofore.

17. Liaison Lt-Col. EDWARDS and Lt-Col. SHELLSHEAR will act as Liaison Officer with the 6th and 5th Inf. Bdes respectively. Lt-Col O'MAHONY will act as Div. Liaison Officer with the 5th and 3rd Aust. D.A's. "C" Group F.O.O. will work as previously detailed with 23rd Battalion. "D" Group F.O.O. with 18th and with 19th Bn on passing through for the BLUE LINE Objective.

18. WIRELESS: L.L. Calls, G.F. and M.F. Calls will be answered on the same principles as laid down in Instruction No 3.

19. The move forward for the 10th A.F.A. Bde will be ordered from this office.

20. Zero Hour will be notified separately.

21. ACKNOWLEDGE.

NORMAL DISTRIBUTION,  
Issued at 8 a.m.

*[Signature]*  
Major, R.A.  
Bde-Major, 2nd Aust. Div. Arty

\* Maps to Groups & Liaison Officers.



SECRET

AMENDMENT No 1 to

Copy No 25

## SECOND AUSTRALIAN DIVISIONAL ARTILLERY

ORDER No 61

-----oOo-----

Headquarters,  
8th October, 1917.

Para 6, Line 1, After "22nd Bn and 23rd Bn" INSERT "21st and 24th Bn"  
(All four Battalions will be in the line).

Line 4, DELETE "18th"; INSERT "20th",

Line 5, DELETE "19th" INSERT "17th",

Para 7, Line 1, DELETE "D.23.c.1.34" INSERT "D.22.d.15.45."

Para 10, Line 3, DELETE "that the Barrage is about to advance".

Para 17, Line 6, DELETE "23rd", INSERT "24th",  
line 7, DELETE "18th and 19th"; INSERT "20th and 17th".

ACKNOWLEDGE.

*aw**Major P. A. ...*Major, R.A.  
Brigade-Major,  
2nd Aust. Div. Art.To all recipients  
of ORDER No 61.*aw*



**"C" Form**  
**MESSAGES AND SIGNALS.** No. of Message *40*

Army Form C. 2123.  
(In books of 100.)

Prefix *mu* Code *mc* Words *70*  
 Received From *ans* Sent, or sent out At *1.30 pm* m.  
 Charges to collect By *Price* To *td.*  
 Service Instructions. By *Phone*

Office Stamp: *8 X 17 D*

Handed in at *ans* Office *ans* m. Received *1.44* m.

TO *H ans BDA*

\*Sender's Number *BM 56* Day of Month *8th* In reply to Number *AAA*

*Ref order No 61 para*  
*13 "C1" group will not*  
*fire on new sector for*  
*sos until last hour mentioned*  
*asa consequently until that hour*  
*SOS boundaries between "C" and*  
*"D" groups will be from*  
*RIGHT to LEFT as follows*  
*RIGHT DIVISIONAL BOUNDARY D2380.6 to*  
*D1300.3 left divisional boundary and*  
*flankiers on likely points of*  
*assembly and approaches beyond 15 pdr*  
*sos line*

*OK*

FROM *Moth*  
 PLACE & TIME *11.15 am*

\* This line should be erased if not required.  
 8188 W. w. 7496-M867 250,000 Pads. 1/17 H & S (E489.) Forms/C.2123/3



40

Army Form C. 2123.  
(In books of 100.)

**"C" Form**  
**MESSAGES AND SIGNALS.** No. of Message.....

Prefix <u>bu mc</u>	Code.....	Words <u>70</u>	Received
Charges to collect			From <u>ano</u>
Service Instructions.			By <u>Price</u>
Handed in at <u>ays</u>			Office <u>ays</u> m. Received <u>1:14</u> m.



TO H ans BDA

*Sender's Number <u>BM 56</u>	Day of Month <u>8th</u>	In reply to Number <u>61 para</u>	<b>AAA</b>
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Ref  
13  
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1:30pm  
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FROM  
PLACE & TIME



SECRET

SECOND AUSTRALIAN DIVISIONAL ARTILLERY

Copy No

36  
139

ORDER No 62  
-----oOo-----

Headquarters,

9th October, 1917.

1. In addition to the barrage arranged for "Y" DAY in order No 58, there will be a Corps Barrage at 5 pm on that day as follows:-

Starting Line "A" and "B" Barrage, S.O.S. Line;

Lifts 100 yards in 3 minutes for four lifts;

Zero plus 12 mins, all Batteries cease fire for 3 minutes;

Zero plus 15 minutes, all calibres form a standing barrage in depth.

"A" Barrage, S.O.S. Line.

Distance between M.P.I. - 200 yards.

Cease fire, Zero plus 21.

Rates of fire, 18-pdrs - 2 r.p.g.p.m.

4.5" How.- 1 r.p.g.p.m.

2. On "Z" DAY there will be an Army Barrage at 5 a.m., similar to that to be fired on "Y" DAY at 4.45 am.

3. Neutralisation of Hostile Batteries will be carried out from 4.30 a.m. to 5.30 a.m. as for an attack.

4. There will be a Corps Barrage on "Z" DAY, for which orders will be issued later.

5. *ack* ACKNOWLEDGE.

*[Handwritten signature]*

Major, R.A.,  
Brigade-Major,  
2nd Aust. Div. Arty.

*[Handwritten mark]*

ISSUED AT 2 pm.  
Normal Distribution,



SECRET

Copy No 36

## SECOND AUSTRALIAN DIVISIONAL ARTILLERY

O R D E R No 63  
-----000-----Headquarters,  
9th October, 1917.

1. Provided that the 2nd Aust. Division effect their action and no further operations take place, they will be relieved by the 4th Aust. Division on the night 10/11th October. After relief the 2nd Aust. Division will move to the STEENVORDE Area.

2. The distribution of the 2nd Aust. Div. Arty in the line will remain the same as at present, but the C.R.A., 2nd Aust. Division will be relieved by the C.R.A. 4th Aust. Division, who will assume responsibility for the Field Artillery defence of the Left Divisional Front at 10 a.m. on 11th October.

3. 2nd Aust. Div. Art.H.Q. will close at their present position at 10 am, 11th October and reopen at RENINGHELST at the same hour.

5. *ack* ACKNOWLEDGE.

Issued at 2 pm  
Normal Distribution.

*H. P. ...*  
Major, R.A.  
Brigade-Major,  
2nd Aust. Div. Arty.



Copy No

30

## SECOND AUSTRALIAN DIVISIONAL ARTILLERY

ADDENDUM No 1 to ORDER no 63<sup>2</sup>  
-----oOo-----

SECRET

Headquarters,

9th October, 1917.

On the night 10/11th October, the 12th Aust. Inf. Bde will relieve 5th Aust. Inf. Bde in the Left Sector and the 15th Aust. Inf Bde will relieve the 6th Aust. Inf. Bde in the Right Sector.

*[Handwritten Signature]*  
Major, R.A.  
Bde-Major, 2nd Aust. Div. Arty.

Issued at 7 p.m.  
To all recipients of ORDER 63  
except "C 1" Group.

*[Handwritten Initials]*



*Cancelled*SECRET

## SECOND AUSTRALIAN DIVISIONAL ARTILLERY

Copy No 27

O R D E R No 64  
-----000-----Headquarters,  
10th October, 1917:

1. With reference to para 4, 2nd Aust. D.A. ORDER No 62, Corps Bombardment Barrage in depth will take place at 5.30pm on "Z" DAY.
  - (a) Starting Line, "A" Barrage on S.O.S. Line,
  - (b) Lifts forward, 100 yards in 3 mins in 3 lifts,
  - (c) Stop firing, Zero plus 18 to Zero plus 21,
  - (d) Jump back to) starting line) Zero plus 21 to Zero plus 24,
  - (e) Cease firing, Zero plus 24.
2. Rates of fire:- 18-pdr ... .. 2 r.p.g.p.m.  
4.5" Hows. ... 1 r.p.g.p.m.
3. ACKNOWLEDGE.

*H. P. ...*Major, R.A.  
Bde-Major, 2nd Aust. Div. Artv.

Issued at 3 pm to:-

"C" Group ... ..	Copies	1/9,
"D" Group ... ..	"	10/13
5th A.F.A. Bde ...	"	19
10th A.F.A. Bde ...	"	20
2nd Aust. D.A. C ...	"	21
4th Aust D.A. C ...	"	22
2nd Aust. Div. ....	"	23 ..
H.A. 1st ANZAC	"	24
H.A. 1st ANZAC ..	"	25
3rd Aust. Div. Art.	"	26
4th Aust. Div. Art.	"	27
5th Aust. Div. Art.	"	28
L.C., Left Inf. Bde	"	29
L.C., Right Inf. Bde.	"	30
2nd Aust. Div. Sig. Off.	"	31
File ... ..	"	32
War Diary ...	"	33/35
Gapres ... ..	"	36/40

-----



SECRET

SECOND AUSTRALIAN DIVISIONAL ARTILLERY

ORDER No 65

-----oOo-----

Headquarters,  
11th October, 1917.

Reference: Beelaore Sheet 1/10,000

1. INFORMATION : The 4th Phase of the Operations having been completed, the Second Army, after due preparation, will continue its operation in conjunction with the Fifth Army on the Left.

2. The main objective of the Second Army is PASSCHENDALE, to be taken by the Second ANZAC. The 3rd Australian Division (2nd ANZAC) will be on the Left of the 4th Aust. Div., who will take the objective shown in attached map on the 1st ANZAC front. The 5th Aust. Div. will be on the defensive.

3. The advance will be made in two stages, as shown in attached map.

4. It is anticipated that the operation will take place on or about "A" DAY.

5. ORGANISATION: The attack on 1st ANZAC front will be carried out by the 4th Aust. Div. covered by 1st, 2nd and 4th D.A.'s under Brig-Gen. W.L.B. BURGESS, D.S.O. The 1st Aust. D.A. ("C1" Group) will be transferred for tactical purposes to the 4th Aust. D.A. at 1 hour before Zero and will revert to the 5th Aust. D.A. at an hour to be notified by G.O.C., R.A. They will cover the same zone as detailed before in 2nd Aust. D.A. Order No 57.

6. PREPARATION: The preparation for the attack will be the same as for the 4th phase; preparatory bombardments being carried out on "Y" and "Z" DAYS as already detailed.

7. BARRAGES
- (a) At zero on the day of ATTACK, the 4th Aust. Div. will advance under a creeping barrage in depth, as shown in attached map.
  - (b) The barrage on the 5th Aust. Div. front will only consist of 18-pdrs and 4.5" Hows.
  - (c) North of a line E. and W. through point D.23.d.7.3. the barrage will creep forward as shown.
  - (d) South of above line, the barrage will remain stationary.
  - (e) "A" Barrage will remain as Protective barrage on the RED and BLUE LINES as shown on the attached map; the remainder will go on as shown in Diagram. Each gun of "A" Barrage will halt as it reaches the RED and BLUE Protective Barrage Lines.
  - (f) Timings, Lifts and cease fire, as shown in attached Diagram.
  - (g) The Jumping off Line of the Infantry is shown on attached map. "A" Barrage will start 150 yards in advance of this line.

8. Every 18-pdr, "A" Barrage, will fire four rounds of smoke shell in quick succession on reaching the RED Protective Barrage.

9. RATES OF FIRE: (Rounds p.g.p.m.)

(a) North of D.23.d.7.3. -	18-Odr	4.5" How.
Infantry halted,	1	1
Zero plus 4 to Zero plus 8	4	1
Infantry moving	2	1
Infantry halted	1	1
Zero plus 175 to Zero plus 180,	4	1
etc	etc	etc.

Guns and Howitzers having reached their Protective Barrages will automatically reduce their rates of fire.

P.T.O.



9 RATES OF FIRE (Contd)

(b) South of D.23.d.7.3. - 18-pdr 4.5" How

Zero to Zero plus 4	$\frac{1}{2}$	$\frac{1}{2}$
Zero plus 4 to Zero plus 8	4	1
Zero plus 8 onwards,	$\frac{1}{2}$	$\frac{1}{2}$

10. Fire ceases at Zero plus 300, to enable posts to be put out along the Railway Line.

11. MOVE: The Mobile Artillery organised for the 4th phase of the attack (2nd Aust D.A. Order No 54) will be held in readiness to move forward at the shortest notice.

12. Liaison, Wireless, F.O.O's, Rest of guns and personnel will be carried out as detailed for previous operations.

13. ATTACK DAY and Zero hour will be notified separately.

14. ACKNOWLEDGE.

*J. J. Paton*

Major, P.A.  
Brigade-Major,  
2nd Aust. Div. Arty.

Issued at 8 a.m.,  
Local distribution.

7. BARRAGES (a) At zero on the day of ATTACK the 18-pdr. Howitzers will advance under a creeping barrage in accordance with the attached map. (b) The barrage on the 5th Aust. Div. front will only consist of 18-pdrs and 4.5" Howitzers. (c) North of a line E. and W. through point D.23.d.7.3. the barrage will creep forward as shown. (d) South of above line, the barrage will remain stationary. (e) "A" Barrage will remain as protective barrage on the RED and BLUE LINES as shown on the attached map. Each gun commander will go on as shown in Diagram. (f) Barrage will halt as it reaches the RED and BLUE Protective Barrage Lines. (g) Barrage will start as shown in Diagram. (h) Barrage will start as shown in Diagram. (i) Barrage will start as shown in Diagram. (j) Barrage will start as shown in Diagram. (k) Barrage will start as shown in Diagram. (l) Barrage will start as shown in Diagram. (m) Barrage will start as shown in Diagram. (n) Barrage will start as shown in Diagram. (o) Barrage will start as shown in Diagram. (p) Barrage will start as shown in Diagram. (q) Barrage will start as shown in Diagram. (r) Barrage will start as shown in Diagram. (s) Barrage will start as shown in Diagram. (t) Barrage will start as shown in Diagram. (u) Barrage will start as shown in Diagram. (v) Barrage will start as shown in Diagram. (w) Barrage will start as shown in Diagram. (x) Barrage will start as shown in Diagram. (y) Barrage will start as shown in Diagram. (z) Barrage will start as shown in Diagram.

9. RATES OF FIRE (Contd)

18-pdr	4.5" How
1	1
4	1
8	1
1	1
4	1
etc	etc



FOURTH AUSTRALIAN DIVISIONAL ARTILLERY.

SECRET

HEADQUARTERS,  
11th October 1917.

"C" GROUP )  
"C 1" GROUP ) 3 copies each.  
"D" GROUP. )  
-----

- S.O.S. HOWITZER TASKS -

Howitzer Tasks on an S.O.S. after operations on "A" DAY will be as follows :-

"C" GROUP :-

- 1 Battery (110th) - Search from E 7 d 0 0 to Road at E 8 c 3 9.
- 1 Battery - Eastern end of BUSY WOOD and DROOGEN BROODEHOEK - BROODSENDE Road in D 24 c and d.

"C 1" GROUP :-

- 1 Battery - On Road between BIRMA COPSE and E 13 c 0 5.
- 1 Battery - Search Valley D 29 b.

"D" GROUP :-

- 1 Battery - Search from E 13 c 0 5 to BROUBEK.
- 1 Battery - CHINA and TABLE WOODS and houses D 24 d 0500.

ACKNOWLEDGE on form attached.  
=====

*C. M. Mate*

Major, R.A.,  
Brigade-Major,  
4th Australian Divisional Artillery.



"A" Form  
MESSAGES AND SIGNALS.

Army Form C. 2121  
(in pads of 100).

No. of Message.....

Prefix .....	Code .....	m.	Words	Charge	This message is on a/c of:	Recd. at.....m
Office of Origin and Service Instructions.			Sent			.....Service
.....			At.....m.		.....	
.....			To.....			(Signature of "Franking Officer.")
.....			By.....			

TO { D Group  
C Group

Sender's Number. Day of Month. In reply to Number. AAA

\* B.M. 22. 12th

Ref this office S/104  
 Howitzer SOS Tanks AAA  
 Amend 110th Bty to  
 lead as follows AAA  
 Search South side of  
 Railway from E7C85 to  
 E7B93 sweeping for 200  
 yds to South of above line  
 AAA addressed C & D groups

From 4 am DA (90)  
 Place  
 Time 4.5 pm

The above may be forwarded as now corrected. (Z) M. Waterman  
 Censor. Signature of Addressor or person authorised to telegraph in his name

\* This line should be erased if not required.



9

SECRET

ORDER NO. 96

HEADQUARTERS,  
11th October 1917.

1. The 4th Australian Division will resume the attack on the PASCHENDAELE Ridge on "A" day. Zero hour will be notified separately.
2. Barrage maps, Diagrams and Instructions for the same were issued under 2nd Aus. Divisional Artillery Order no. 65 .
3. The task of the 4th Australian Division will be to move forward S. of the YPRES - ROULERS Railway and form a flank to the II ANZAC. Corps which is attacking further North. The barrage map shows the 2 objectives, viz., the RED and BLUE lines.
4. The attack will be carried out by the 13th Aus. Inf. Bde. on the Right and the 12th Aus. Inf. Brigade on the Left.
5. Lieut.-Colonel F. O'MAHONY will be Liaison Officer with the 12th Aus. Inf. Brigade. Lieut.-Colonel T.I.C. WILLIAMS, D.S.O. will perform the same duties for the 13th Aus. Inf. Brigade.
6. SLOKE SHELL -
- Each 18-pr. as it reaches its RED and BLUE Protector will fire 4 rounds of smoke shell in quick succession to mark its arrival on its line.
7. F.O.Os. -
- F.O.Os. and parties will be worked under the same arrangements as in Attack No. 4 on the 9th October for "C" and "D" Groups. Names of F.O.Os. detailed to be telephoned to this Office.
8. The 9th Aus. Inf. Brigade is attacking on our Left. The 4th Aus. Inf. Brigade will be in Divisional Reserve.
9. After Zero plus 300 the 4th Australian Division are placing a post out at E 7 c 5 3, and the 3rd Australian Division (9th Aus. Inf. Brigade) are advancing further till their Right is on the Railway at E 7 d 1 8.
10. After Zero plus 300 the S.O.S. line on the Divisional front will be as follows :-

Along the BLUE Line Protector barrage from  
D 29 b 4 6 to E 13 a 7 8 and thence parallel to  
the Railway to E 7 d 0 0 .

There must be no fire North of a line joining E 13 a 7 8.  
to E 8 c 2595.

With the above proviso the above line may be varied  
at the request of G.Os.C. Infantry Brigades, as  
circumstances may arise.

/11.....



ORDER NO. 96 (Continued).

11. The boundaries between Groups will be as follows along the above line :-
- Between "C" and "C 1" Groups - D 24 a 5 0  
Between "C" and "D" Groups - D 18 d 9578.
12. At 10 a.m. on "B" day, "C" and "D" Group will exchange zones, in order to ensure that the shortest range guns are on the Left of the Divisional front. The "A" Day Liaison Officers will be relieved at the same hour. of "C" and "D" Groups Group Commanders/will arrange mutually the shift over of S.O.S. Lines.
13. Signal communication between Right Infantry Brigade Headquarters and "C 1" Group Headquarters will be arranged for Liaison purposes.
14. ACKNOWLEDGE on form attached.  
=====

*C.M. Jates*

Major, R.A.,  
Brigade-Major,  
4th Australian Divisional Artillery.

-----

DISTRIBUTION.



24  
10



"A" Form  
MESSAGES AND SIGNALS.

Army Form C. 2121  
(in pads of 100).

No. of Message.....

Prefix .....	Code .....	m.	Words	Charge	This message is on a/c of:	Recd. at.....m
Office of Origin and Service Instructions.			Sent			.....Service
secret			At.....m.		.....	
			To.....			(Signature of "Franking Officer.")
			By .....			

TO	C prompt
	D prompt

Sender's Number.	Day of Month.	In reply to Number.	AAA
* BMS	111R		

Reference order no 96 AAA  
 zero hour will be  
 5.25 am 12<sup>th</sup> October  
 AAA acknowledged by  
 wire AAA addressed  
 C+D prompt

From	4 am DA
Place	
Time	

The above may be forwarded as now corrected. (Z) M. J. M. R. P. A.  
 Censor. Signature of Addressor or person authorised to telegraph in his name

\* This line should be erased if not required.  
 (227) Wt W492/M1647. 50,000 Pads. 5/17. A.C.Lid. (E 1187)



SECRETINSTRUCTION NO. 22HEADQUARTERS,  
13th October 1917.

1. Dumps at guns will be maintained at the following strengths per gun :-

18-pr.	--	400
4.5" How.	--	300

In addition to the above the daily allotment will be dumped as required.

This amount is expected to be about 40 rounds per gun per diem. Exact instructions on this point will be issued later.

2. Opportunity will now be taken to complete the consolidation of the Artillery. The intention as regards Grouping and locations of Brigades is as follows :-

2nd Aus. D.A. (4th and 5th Brigades)

Grouped in and about J 2 and D 26.

4th Aus. D.A. (10th and 11th Brigades)

Grouped in and about D 21, 27 and 28.

3. The first step in the above will be the above will be the completion of the 38th, 39th, 43rd and 110th(How) Batteries in their forward positions as early as possible, and the move of the 105th and 111th How. Batteries to their selected positions.

As soon as the 38th, 39th, 43rd and 110th How. Batteries are complete, the 37th Battery will be moved forward to a position to be selected, and this will be followed by the 42nd Battery.

Group Commanders will report the map locations of the positions selected.

4. Instructions will be issued shortly on what use may be made of the trench tramway running up to ZONNEBEKE from WESTHOEK.

It is hoped that guns may be moved by this.

5. Artillery policy will be as follows :-

A -- Harassing fire on enemy's approaches and communications -  
20 rounds per gun per night.  
10 " " " " day.

B. -- Prompt engaging of living targets.

A HARASSING FIRE.....



INSTRUCTION      NO.      22      (Continued)

---

5 Continued.

A    HARASSING FIRE    :-

Each Group will operate in its own zone, and an amended track and occupation map will shortly be issued.

B.    ENGAGING LIVING TARGETS :-

Every advantage must be taken of our observation from the Ridge.

Two O.Ps. per Brigade will be established and direct visual communication to Battery positions maintained from the Ridge.

Lists showing map locations of these O.Ps. and Group tactical O.Ps. will be forwarded to this Office by the evening of the 14th instant.

6.    WIRELESS SETS. :-

Wireless masts will be established by each Group as follows :-

At Group Headquarters	--	1 mast
With a selected Battery	--	1 mast.

Locations of the latter will be sent in as soon as possible.

7.    Group Commanders are again reminded of the necessity of the maintenance of a system of reliefs. Every opportunity must now be taken to rest personnel as much as possible.

At their discretion, Group Commanders may send the personnel of one Section per consolidated Battery back to wagon lines. Battery Commanders will, if possible, be sent back to wagon lines and Battery Captains put in command of the gun positions.

8.    SALVAGE OF AMMUNITION    :-

Rear dumps of Batteries must be cleared before fresh ammunition is drawn, and Group Commanders will ensure that their rear positions are so cleared.

9.    ACKNOWLEDGE on form attached.

*CW Jate*

Major, R.A.,  
Brigade-Major,  
4th Australian Divisional Artillery.

Normal  
Distribution.



FOURTH AUSTRALIAN DIVISIONAL ARTILLERY.SECRETINSTRUCTION NO. 23HEADQUARTERS,  
13th October 1917.1. INSTRUCTION NO. 21 is cancelled.2. The following will be the NORMAL DISTRIBUTION of 4th Australian Divisional Artillery ORDERS and INSTRUCTIONS :-COPIES.

Nos.	1	-	9	"C" Group.
	10	-	18	"D" Group.
			19	10th Aus. F.A. Bde..
			20	5th Aus. F.A. Bde..
		(	21	2nd Aus. D.A.
		(	22	5th Aus. D.A..
		(	23	R.A. 1st ANZAC..
	for	(	24	4th Aus. Div..
	<u>inf.</u>	(	25	4th Aus. Inf. Bde..
		(	26	12th " " "
		(	27	13th " " "
		(	28	3rd Aus. D.A..
		(	29	57th H.A.G..
		(	30	H.A. 1st ANZAC..
			31	Sig. Officer
			32	C.R.A..
			33	S.C..
			34	R.O..
			35	File
		(	36	
		(	37	Diary
		(	38	


Major, R.A.,  
Brigade-Major,  
4th Australian Divisional Artillery.



SECRET.

Copy No. 28

SECOND AUSTRALIAN DIVISIONAL ARTILLERY.

\*\*\*\*\* ORDER No. 37. \*\*\*\*\*

Headquarters,  
19th Sept. 1917.

- 1. Diagrams for two bombardment Barrages to be carried out on "D" day are enclosed.
- 2. 1st BARRAGE "D" DAY.
  - (a). Will be carried out in conjunction with the Corps on our Left.
  - (b). Note 5 minutes pause at Z+48 till Z+51.
  - (c). Starting point of "A" Barrage :- 300 Yards from Infantry jumping off line as shown in maps issued with O.O. 34.
  - (d). Starting time 11 a.m.
  - (e). Rates of Fire :-
 

18-pdrs.	Zero to Zero plus 13'	2 rds.	P.g.p.m.
	Zero + 13' to Zero + 48'	1 rd.	" "
	Zero + 51' to Zero + 33'	2 rds.	" "
4.5" Hows.	Throughout	1 rd.	" "

- 3. 2nd. BARRAGE "D" DAY.
  - (a). Will be carried out in conjunction with the Corps on our Left.
  - (b). Starting point of "A" Barrage 150 yards from the Infantry Jumping Off Line as shown on map issued with O.O. 34.
  - (c). Rates of Fire:-
 

18-pdrs.	2 rds. per gun per minute throughout.
4.5" Hows.	1 rd. " " " " " "
  - (d). Starting time 3 pm

4. Ammunition required:-

	<u>1st Barrage.</u>	<u>2nd Barrage.</u>
18-pdrs.	34	96
4-5" Hows.	60	81

- 5. The usual overlap will be allowed.
- 6. ACKNOWLEDGE.

*W. P. K.*

Major R.A.,  
Brigade Major,  
2nd Australian Divnl, Artillery.

Issued at 5 p.m.

Normal Distribution.

Additional copies to Brigade Liaison Officers.

DIAGRAMS TO GROUPS ONLY

*W.P.K.*



4th AUSTRALIAN DIVL ARTILLERY.		154
No.	91578	
Date	16/10/17	

FOURTH AUSTRALIAN DIVISIONAL ARTILLERY.

SECRET

5th Aus. F.A. Bde. ) HEADQUARTERS,  
 10th " " " ) 16th October 1917.  
 2nd Aus. D.A. ) for Inf.

"C" GROUP.  
 "D" GROUP.  
 -----

1. This Office No. G 1/226 of 14/10/16 is cancelled as from noon 17th. From that hour until noon 25th the allotment for expenditure will be per diem per gun :-

18-prs.	--	120 rounds.
4.5" Hows.	--	120 rounds.

The dump remains as before.

2. Harassing fire will be continued:

1080 rounds 18-pr. )  
 360 rounds 4.5" How. ) per day per Group,

two thirds to be fired by day and one third by night. This fire will extend as far East as a North and South line through E S c O O. 10 more rounds per gun and Howitzer per diem are allotted to Groups for other purposes. The balance of the 120 rounds per gun (viz. 80 rounds) will be reserved.

3. It is expected that preparatory barrages will be ordered for the 22nd, 23rd, 24th and 25th, absorbing 160 A and AX and 120 BX on each day. Groups are reminded that the ammunition expended on these barrages is equally as important in the final result of an attack as ammunition expended on the day of an attack itself, and the amount ordered to be fired must on no account be diminished.

4. From para. 1 it will be seen that each gun, were it possible, could have up at its pits at noon on the 17th, a Dump of 400 rounds plus 960 rounds, this last figure being 8 x 120 rounds allotted for expenditure.

5. It is expected that orders will be received to have 960 rounds per gun up at the pits on the night 25th/26th. Orders will be issued on this subject later.

6. Group Commanders will please give the subject of weather protection for ammunition their attention. Small cupolas are available.

7. Howitzer Batteries of "C" GROUP will each have 300 rounds of special shell in the vicinity of their positions.

8. In view of the great difficulties experienced in getting up ammunition, and the large amounts recently destroyed, the C.R.A. directs that no Dump shall consist of more than 200 rounds or 200 4.5" cartridges.

9. ACKNOWLEDGE by wire.

Major, R.A.,  
 Brigade Major,  
 4th Australian Divisional Artillery.

*CMR*



FOURTH AUSTRALIAN DIVISIONAL ARTILLERY

155

4th AUSTRALIAN DIVL. ARTILLERY.

No. S/III

Date.....

SECRET.

HEADQUARTERS,  
17th October 1917.

	5th Aus. F.A. Bde.)	
"C" GROUP.	10th " " " )	
"D" Group.	2nd Aus. D.A.. )	<u>for</u>
-----	2nd D.A.C.. )	<u>inf.</u>
	4th D.A.C.. )	
	R.A., 1st ANZAC.. )	

1. The attached Table shows the tasks in ammunition carrying, per Battery required, up to the morning of the 26th instant and is based on :-

- A - The amounts at Battery positions at noon 17th.
- B. - The amount required to be at the Battery positions by dawn, 26th, or
- C - Tasks already set or outlined

B is as follows :-

1050 per 18-pr.	=	dump of 400 plus 650 for operation
700 " 4.5" How.	=	" " 300 plus 400 " "

2. Orders have been issued for the expenditure of 960 rounds A and AX and 720 rounds 4.5" How. ammunition up to the 25th inclusive,

	960)	720)	
so that	650) 18-pr.	and 400)	4.5" How. is the amount
	1610)	1120)	

which will have to pass through the gun positions per gun or Howitzer over and above the Dump of 400 (18-pr.) and 300 (4.5" How.), between the 17th and the morning of the 26th.

3. It is realised that a high organisation will be required to carry this out, and the utilisation of all our resources will be necessary to reach the state aimed at. Tram-lines may be available to supply the forward positions of "C" GROUP, but reliance is not to be placed on them.

4. With the above object in view, as from the 19th instant, the C.O. of the Brigade of each Divisional Artillery, who is not in the Line, will be responsible for supervising the forwarding of ammunition to his Divisional Artillery Brigades after its delivery from INFERNO Dump in I 16.

He will have the Battery states of ammunition sent down to him daily by the Group Commander and on these states will allot tasks to Battery Wagon Lines, utilising his resources where required.

Each D.A.C. will carry one third of the ammunition sent forward to its Group daily, and will take it to such Batteries as may be detailed by the C.O. of the above Brigades.

5. Para. 5 of ADMINISTRATIVE INSTRUCTION NO. 17 will be cancelled where it is in conflict with the above.

6. ACKNOWLEDGE on form attached.

Major, R.A.,  
 Brigade-Major,  
 4th Australian Divisional Artillery.

C.M. Bates



S/ 111/1

FOURTH AUSTRALIAN DIVISIONAL ARTILLERY.S E C R E T.  
=====

	5th Aus. F.A. Bde.	
	10th " "	
"C" GROUP.	2nd Aus. D.A.. )	
"D" GROUP.	2nd Aus. D.A.C.. )	
-----	4th Aus. D.A.C.. )	for
	R.A., 1st ANZAC. )	<u>inf.</u>
	1st ANZAC. 'Q' )	
	4th Aus. Div. )	

HEADQUARTERS,  
19th October 1917.REFERENCE PARA. 2 of this Office S/111 of 17th instant.

Closer information having now been received as to the amount of ammunition which will probably be expended before the 26th instant, the figures in the abovementioned para. will be amended:-

For 960 A and AX and 720 4.5" How.

read 302 A and AX and 420 BX

consequently,

for 1610 18-pr. read 1302, andfor 1120 4.5" How. " 870

Resultant on the above, the attached table will be substituted for that issued with S/111 of the 17th.

It should be noted that Column 1 gives the ammunition up at Batteries at noon 18th October.

ACKNOWLEDGE on form attached.  
=====*Collates*

Major, R.A.,  
Brigade-Major,  
4th Australian Divisional Artillery.

-----



FOURTH AUSTRALIAN DIVISIONAL ARTILLERY.A M E N D E D T A B L E(To accompany S/111/1)

showing

Carrying tasks of Btys.  
up to night 25th/26th inclusive.

Unit	On hand 18th	Excess over Dump	Balance to bring up	Pack horse loads
10th Battery	3739	1339	6473	809
11th Battery	2342	-	7870	984
12th Battery	2639	239	7583	948
13th Battery	2901	501	7311	912
14th Battery	3315	915	6897	862
15th Battery	4067	1367	6145	768
104th How. Bty.	5024	1224	3996	999
105th How. Bty.	4005	2205	3015	754
37th Battery	3024	624	7188	898
38th Battery	4214	2014	5798	722
39th Battery	4125	1725	6087	761
41st Battery	3678	1278	6534	817
42nd Battery	3934	1534	6278	785
43rd Battery	2213	-	7999	999
110th How. Bty.	2833	1033	4187	1047
111th How. Bty.	2022	222	4998	1249



FOURTH AUSTRALIAN DIVISIONAL ARTILLERY

COPY NO...

SECRET                      ORDER    NO.    97

HEADQUARTERS,  
20th October 1917.

1. Consequent on the change of Divisional Front ordered in 4th Australian Division ORDER No. 87, the following re-distribution of Artillery boundaries will take place at 10 a.m., 21st October 1917 :-

2. S.O.S. LINE -

The S.O.S. Line on the Divisional Front will be as follows :-

D 24 a 20 - D 18 c 60 - D 18 a ~~05~~  
1555

3. ZONES FOR S.O.S. -

Both Groups for S.O.S. purposes will cover the whole Divisional front.

"C" GROUP will, however, not fire for an S.O.S. unless asked to by G.O.C. Infantry Brigade holding the Line, or ordered to do so by this Office.

4. ZONES FOR OFFENSIVE OPERATIONS -

For Bombardment Barrage purposes and Attack Days the Group Zones will be as follows :-

"C" GROUP Northern Boundary :-

ROULERS - YPRES Railway inclusive.

Inter-Group Boundary :-

A line through D 18 d 06 - D 23 a 4032 and its continuation East.

"D" GROUP Southern Boundary :-

A line through E 19 a 08 - D 23 c 9053 and its continuation East, and overlap this line 50 yards.

5. BRIGADES SUPERIMPOSED -

For Offensive operations, one Brigade in each Group will be superimposed on its Group Zone.

6. HARASSING FIRE -

"C" GROUP only will carry out harassing fire, firing 720 rounds A and AX and 240 rounds BX daily. Two thirds by night and one third by day.



7. COMMAND OF "C" GROUP -

Orders have been issued to 10th and 11th Aus. F.A. Brigades for the C.O. 10th Aus. F.A. Brigade to relieve the C.O. 11th Aus. F.A. Brigade in Command of "C" Group by 8 a.m., 21st instant.

8. LIAISON -

"D" GROUP will find the Liaison Officer with the Infantry Brigade holding the Line.

9. LIAISON BARRAGE -

"C" GROUP will be prepared to assist the Right-Division on the Code call -- "HELP FLINTE", and will barrage from

D 30 a 0011 - D 29 b 6080 - D 24 a 2 0.

with one Brigade, the Howitzers being placed on selected spots not less than 200 yards East of the above line.

10. REPLY TO S.O.S. -

Replies to S.O.S. will be as follows :-

<u>18-prs.</u>	<u>5 minutes</u>	--	4 rounds per gun per min.,
	<u>3 minutes</u>	--	2 rounds per gun per min.,
	<u>5 minutes</u>	--	1 round per gun per minute,

when fire will cease unless the signal is sent again -- in which case the procedure will be repeated.

4.5" Hows. Half the above rates.

After the first five minutes alternate guns or, if a Brigade be superimposed, the guns of the Superimposed Brigade will search back for 500 yards in lifts of 100 yards every 2 minutes.

11. WIRELESS MAST DISTRIBUTION -

There will be - 1 wireless mast at each Group H.Q.,  
1 wireless mast with direct communication to a selected Battery in each Group.

4th Aus. D.A.H.Q. set will be in Reserve.

12. N.F., G.F. and L.L. CALLS -

"C" GROUP will answer all N.F. calls in Square E.Y., and will turn on one Brigade to all G.F. Calls. The reply to a G.F. Call will be 10 rounds per gun and Howitzer to be repeated if the signal is repeated.

L.L. Calls will be answered by every gun and Howitzer which can reach, with 5 minutes' rapid fire, when N.F., G.F., or L.L. Calls are received.

If engaged in other important tasks, the equivalent of 1 Section per Battery must be used.

13. For Bombardment Barrages and Attack Days the 18-prs. in the "B" Barrage (4.5" How.) will be those of 1 Battery per Group.

14. ACKNOWLEDGE on form attached (Groups by wire).

4th Australian Divisional Artillery.  
Major, R.A.,  
Brigade-Major,  
CMBater

Issued to  
Signals at  
1.15 p.m.



FOURTH AUSTRALIAN DIVISIONAL ARTILLERY. COPY NO. 35.....

SECRET

CORRIGENDUM TO ORDER 97

HEADQUARTERS,  
21st October 1917.

Reference 4th Aus. Divisional Artillery ORDER No. 97 of  
20th October 1917.

For para. 12 N.F., G.F. and L.L. CALLS, substitute  
the following :-

" "C" GROUP will answer all N.F. Calls in square  
E.Y., and will turn on one Brigade to all G.F. Calls.  
The reply to a G.F. call will be 10 rounds per gun  
and Howitzer to be repeated if the Signal is repeated.  
L.L. Calls will be answered by every gun and  
Howitzer which can reach, with five minutes' rapid  
fire.  
When N.F., G.F. or L.L. Calls are received, if  
engaged in other important tasks, the equivalent  
of 1 Section per Battery must be used. "

ACKNOWLEDGE on form attached.

*C. J. D. J. J.*

Major, R.A.,  
Brigade-Major,  
4th Australian Divisional Artillery.

DISTRIBUTION.

As for Order No. 97.



SECRETINSTRUCTION NO. 24HEADQUARTERS,  
20th October 1917.

1. There will be two Bombardment Barrages on each of "K", "L", "M" and "N" days, "K" Day being the 22nd instant.

2. Times of commencement

"K"	(A)	To be notified later.
"K"	(B)	5.45 p.m..
"L"	(A)	6 a.m..
"L"	(B)	4 p.m..
"M"	(A)	9.15 a.m..
"M"	(B)	5.30 p.m..
"N"	(A)	7 a.m..
"N"	(B)	1.30 p.m..

"K" (A) and "M" (A) are Army Barrages; the remainder are Corps Barrages.

3. Maps are issued herewith showing the Starting lines for the Army Barrages and the Corps Barrages.

4. The position of these barrages with reference to these lines is shown on the Barrage diagrams also issued herewith, the Starting line being taken as that marked start

5. Rates of fire during the Barrages will be as follows :-

18-prs. -- 2 rounds per gun per min.

4.5" Howe. - 1 round per How. per min.

6. From Zero to Zero plus 6, all available guns will be used.

After Zero plus 6, not more than 4 guns per Battery will be used.

7. Mistakes in barrages will be looked for and corrected during "L" (B) "M" (A) and "N" (B) Barrages.

8. Special observations will be taken on the enemy reply to all barrages and reports of observers will be sent in to this Headquarters by earliest possible D.R..

These reports will show :-

- (A) Time of enemy reply.
- (B) Nature of reply and location.
- (C) Time of cessation.

9. STANDING BARRAGES "L" and "M" Days -

On "L" and "M" days, Standing Barrages will be put down with the "A" Barrage on the "Army Barrage Starting Line" and the "B" Barrage 200 yards East of it at the following times :-

8.15 to 8.21 p.m..

8.45 to 8.51 p.m..

Rates of fire, as in para. 5.

10.....



S E C R E T

INSTRUCTION NO. 24 (Continued)

10. Silent periods "L" DAY -

On "L" Day there will be two Silent Periods during which no firing will take place, except in response to S.O.S. Signals:-

8 to 8.15 p.m. and 8.30 to 8.45 p.m.

11. Synchronisation of watches will be carried out as previously, a watch being sent to each Group from D.A.H.Q..

12. ACKNOWLEDGE on form attached.

*W. M. ...*

Major, R.A.,  
Brigade-Major,  
4th Australian Divisional Artillery.

Normal  
Distribution.

Issued to Signals at 2.15 p.m.



FOURTH AUSTRALIAN DIVISIONAL ARTILLERY.

T A B L E

showing

Carrying Tasks of Batteries  
up to night 25th/26th inc.

Unit	On hand 17th	Excess over Pump.	Balance to bring up	Pack horse loads	Pack horse loads per diem from 17th inc.
10th Battery	3529	1129	8531	1070	134
11th Battery	2502	102	9558	1195	144
12th Battery	2719	319	9341	1168	146
13th Battery	2955	555	9110	1140	143
14th Battery	3435	1035	8625	1078	136
15th Battery	4227	1827	7833	979	122
37th Battery	3204	804	8816	1102	137 *
38th Battery	4574	2174	7486	936	107
39th Battery	4045	1645	7915	979	122
41st Battery	3378	978	8682	1083	136
42nd Battery	3694	1294	8366	1046	151 *
43rd Battery	2373	-	9687	1211	151
104th How. Bty.	3064	1264	5456	1364	170
105th How. Bty.	4005	2205	4515	1130	142 * 3/2
110th How. Bty.	3023	1223	5497	1374	171
111th How. Bty.	2079	279	6441	1610	201

\* On the move.

825

512

3 1137

379

2559

434

31

3024



ORDER NO. 98

SECRETHEADQUARTERS,  
23rd October 1917.

1. The 1st Australian Divisional Artillery (1st and 2nd Brigades) will be attached to the Left Divisional Artillery Group for Attack Day (No. 6) as from Zero minus 1 hour.
2. The Zone for barrage purposes for the 1st Australian Divisional Artillery will be the whole Left Divisional Front, superimposed over the 2nd and 4th Aus. Div. Artillery Brigades.
3. The 1st Australian Divisional Artillery Brigades will be known as "C (1)" GROUP.
4. Signal communication will be arranged by the Officer-in-Charge R.A. Signals -
  - A - between <sup>"D"</sup> Group Headquarters and "C (1)" GROUP Headquarters.
  - B - between "C (1)" Group Headquarters and 4th Australian Divisional Artillery Headquarters.
5. "C (1)" GROUP will return to the Right Divisional Artillery Group at an hour to be notified later, and after the attack.
6. ACKNOWLEDGE on form attached.

*(M) Date,*Major, R.A.,  
Brigade-Major,  
4th Australian Div. Artillery.DISTRIBUTION.Normal &  
39) ...  
40) -- 1st Aus. D.A..  
41)







FOURTH AUSTRALIAN DIVISIONAL ARTILLERY.

COPY NO. 38

SECRET

ORDER NO. 99

HEADQUARTERS,  
24th October 1917.

1. The 4th Australian Divisional Artillery will be relieved by the 2nd Australian Divisional Artillery as follows :-

10th Battery	relieves	37th Battery	-	(4 guns)
12th "	"	39th "		(5 " )
13th "	"	41st "		(5 " )
14th "	"	43rd "		(5 " )
15th "	"	42nd & 38th Btys.		(3 guns each).
104th How. "	"	110th How. Bty		(4 guns)
195th How. "	"	111th " "		(4 guns).

2. The guns of the 2nd Australian Divisional Artillery in HANNEBEEK will be disposed of as follows :-

10th Battery retains one Section in action, hands over one gun to each of 11th and 12th Batteries and the remaining 2 guns (1 damaged) to the 37th Battery.

11th Battery Remains in action. One in action damaged to 37th Battery.

12th Battery 3 in action damaged to 39th Battery. 1 good gun to 2nd Battery. 1 good Section to 4th Battery. All in position.

13th Battery 4 good guns (to 41st Battery. *53rd in position*)  
1 damaged

14th Battery 5 guns in position to 2nd Battery.

15th Battery 4 guns (2 damaged) to 38th Battery ?  
1 gun to 42nd Battery. *→ 1st Bty*

105th How. Battery 5 good guns to 102nd How. in position. 1 bogged to 111th How. Bty..

104th How. Battery Retains 1 Section. 1 Section to 105th How. Battery. 1 good gun and 1 damaged gun to 110th How. Battery.

3. Guns as per attached Schedule will be withdrawn from Battery positions by 4th Australian Divisional Artillery Batteries, with the exception of some of those of the 2nd Aus. Divisional Artillery and 1st Aus. Divisional Artillery, all are bogged or damaged. Good guns must on no account be withdrawn from forward positions.

4. All Batteries will retain their own stores. Guns will be handed over stripped except for sights and sight clinometers.



ORDER NO. 99 (Continued).

5. The relief will be carried out as follows :-

The 2nd, 4th and 102nd How. Batter<sup>ies</sup> will take over from the 12th, 14th and 105th How. Batteries on bloc, commencing at 6 a.m. *25th instant*

On relief the 12th, 14th and 105th How. Batteries will relieve the 39th, 43rd and 111th How. Batteries.

The remaining reliefs will be carried out by Sections and will be completed by 6 p.m. on 25th instant. On relief, 4th Australian Divisional Artillery Batteries will withdraw guns as per attached Schedule, to wagon lines.

6. As from 6 a.m., 25th, both the present "C" and "D" GROUPS will cover with S.O.S. lines the whole Divisional front.

The guns of the 1st Australian Divisional Artillery in action at 6 a.m. will be prepared to put a barrage on receipt of an S.O.S. Signal, from D 24 b 0 4 to D 18 b 0085.

7. On completion of the relief the Artillery will be grouped as follows :-

"C" GROUP	--	2nd Aus. D.A..
"D" GROUP	--	1st Aus. D.A..

Zones will be as at present held by the present "C" and "D" Groups.

8. Group Headquarters will be as follows :-

"C" GROUP	--	I C b 9505
"D" GROUP	--	D 26 c 4045 in dugouts on the South side of the Railway.

The new "D" GROUP will temporarily remain at HALF WAY HOUSE until after Attack Day No. 3.

9. Command of Batteries will devolve on 2nd and 1st Aus. Divisional Artillery B.Cs. on completion of each Battery relief. "C" and "D" GROUPS as re-constituted in para. 7 will come into effect on the completion of the relief of the 4th Australian Divisional Artillery Batteries, and after its notification to this Office, when the Command of "D" GROUP will pass to the C.O. 1st Aus. Divisional Artillery Group, and the Command of "C" GROUP will pass to the C.O. 2nd Aus. Divisional Artillery Group.

10. The new "C" and "D" GROUPS will both cover the Divisional front with S.O.S. lines until 1 hour before ZERO on Attack Day No. 3. After this hour S.O.S. zones for Groups will be the Offensive Zones.

11.

11.....



ORDER NO. 99 (Continued)

11. Group Commanders will ensure that both they and their Battery Commanders hand-over all instructions and orders for offensive operations to Units relieving them.

12. ACKNOWLEDGE on form attached. (Groups by wire).

*C. M. G.*

Major, R.A.,  
Brigade Major,  
4th Australian Divisional Artillery.

DISTRIBUTION.

1 - 9 "C" GROUP.  
10 - 18 "D" GROUP.  
19 11th Aus. F.A. Bde..  
20 4th Aus. F.A. Bde..

For inf. :-

21 2nd Aus. D.A..  
22 5th Aus. D.A..  
23 1st Aus. D.A..  
24 R.A. 1st AMZAC..  
25 1st Aus. Div..  
26 1st Aus. Inf. Bde.  
27 2nd Aus. Inf. Bde..  
28 3rd Aus. Inf. Bde..  
29 4th Canadian Division.  
30 57th H.A.C..  
31 H.A. 1st AMZAC..  
32 1st Aus. F.A. Bde.. } c/o 5th Aus. D.A..  
33 2nd Aus. F.A. Bde..  
34 Sig. Officer.  
35 C.R.A..  
36 S.C..  
37 R.O..  
38 File.  
39 - 41 Diary.



FOURTH AUSTRALIAN DIVISIONAL ARTILLERY.

SECRET.

SCHEDULE

(To accompany ORDER 99)

GUNS TO BE OBTAINED BY 4TH AUSTRALIAN DIVISIONAL ARTILLERY AND WITHDRAWN WHERE NECESSARY.

From 2nd Aus. Div. Artillery and own positions :-

- 37th Battery - (~~2 from 10th Battery,~~  
(2 own position, *4 from 10th*  
(1 from 11th Battery.
- 38th Battery - (~~2 from own position~~  
(1 from 15th Battery. *5 from 15th*
- 39th Battery - 3 from 12th Battery. }  
*1 " 10th*
- 110th How. " - 2 from 104th How. Battery.
- 41st Battery - (~~5 from 15th Battery,~~ *1 from 14th*  
(1 from own position. *1 from 13th* }
- 42nd Battery - 1 from own position, *1 from 11th*  
1 from 15th Battery. *1 from 10th and 11th*
- 43rd Battery - 1 from own position.
- 111th How. " - (1 from own position,  
(1 from 105th How. Battery.

From 1st Australian Div. Artillery :-

- 43rd Battery - From 2nd Battery.  
2 at J 3 a 1520 (good guns)  
1 at J 7 b 2530 (bogged)  
1 at " (Smashed)  
1 at Wagon linec H 21 d. *out of action*
- 42nd Battery 1 at I.O.M..
- 39th Battery - 2 from 4th Battery at J 7 d. 3480.

110 4 damaged  
from 113 at  
J 8 B 4555

111 1 damaged  
from 102  
at J 7 B 00.

~~110th How. " - 2 from 102nd Battery at  
J 7 b 0300~~

~~111th How. " - 2 from 102nd Battery at  
J 7 b 0000.~~

Dial Sights or I.O.M. receipts for same must be obtained for all the above guns.



"A" Form.  
MESSAGES AND SIGNALS.

Army Form C.2121  
(in pads of 100).  
No. of Message.....

Prefix.....	Code.....	m.	Words	Charge	This message is on a/c of:	Recd. at.....m.
Office of Origin and Service Instructions.			Sent			Service.
			At.....m.			From.....
			To.....			By.....
			By.....	(Signature of "Franking Officer.")		

TO {	"C" Group.	CRASH.	
	"D" Group.		

Sender's Number.	Day of Month.	In reply to Number.	AAA
* B.M. 99	24		

ORDER 99 AAA Para. 2 EGG AAA PSALL

13th 47th

53

takes one damaged EAGLE takes four good pieces

13

AAA EGG can be erased for S.O.S. from 6 a.m.

53

at which hour EAGLE will take over AAA

Addressed C and D groups repeated CRASH and

all recipients of ORDER 99 by D.R. AAA

From	
Place	4th Aus. D.A.
Time	

The above may be forwarded as now corrected.

(Z) [Signature] Major. R.A.

Censor. Signature of Addressor or person authorised to telegraph in his name.

\* This line should be erased if not required.

750,000. W 2186-M509. H. W. & V., Ltd. 6/15. 4th Aus. Divisional Artillery.



"A" Form. MESSAGES AND SIGNALS.

Army Form C.2121 (in pads of 100). No. of Message

Prefix .....	Code .....	m.	Words	Charge	This message is on a/c of: ..... ..... Service.	Reed. at .....	m.
Office of Origin and Service Instructions.			Sent			Date .....	From .....
			At .....	m.	(Signature of "Franking Officer.")	By .....	
			To .....				
			By .....				

TO { "C" Group. 5th Aus. D.A..

Sender's Number.	Day of Month.	In reply to Number.	AAA
B.M. 100	24		

ORDER 99. Schedule AAA Cancel 110th and 111th  
 from 1st Div. Arty. ~~AAA~~ 111th takes one  
 damaged from 102nd 110th takes four damaged  
 from 113th at J 8 b 4555 AAA Addressed C  
 Group repeated 5th Aus. D.A. copy to all other  
 recipients Order 99 by D.R.

From 4th Aus. D.A.  
 Place  
 Time

*Handwritten signature: Arthur R. ...*

The above may be forwarded as now corrected. (Z) Major, R.A.,  
 Brigade-Major,  
 4th Australian Division

\* This line should be erased if not required.  
 750,000. W 2186-M509. H. W. & V., Ltd. 6/16.



"A" Form.  
MESSAGES AND SIGNALS.

Army Form C.2121  
(in pads of 100).  
No. of Message .....

Prefix .....	Code .....	m.	Words	Charge	This message is on a/c of:	Recd. at.....m.
Office of Origin and Service Instructions.			Sent			.....Service.
.....			At.....m.		From.....	
.....			To.....		By.....	
.....			By.....		(Signature of "Franking Officer.")	

TO {

C pomp		
D pomp		

Sender's Number. * B M 101	Day of Month. 24th	In reply to Number.	AAA
-------------------------------	-----------------------	---------------------	-----

Order	99	AAA	42	has
5	forward	39	has 4	AAA
C	and	D	pumps	with
mutually	arrange		vary	order
99	so	that	all good	forward
from	of	Fourth	DA	are
take	over	and	that	2nd
ans	DA	remain	at	full
strength	in	from	AAA	variation
to	be	reported	to	this
of				

From 4 ans DA

Place

Time 12 mn

The above may be forwarded as now corrected.

Censor. (Z) W. J. [Signature]

Signature of Addressor or person authorised to telegraph in his name.

\* This line should be erased if not required.  
750,000. W.2186-M509. H. W. & V., Ld. 6/16.







"A" Form. MESSAGES AND SIGNALS.

Army Form C.2121 (in pads of 100). No. of Message

Prefix, Code, m. Office of Origin and Service Instructions. Words, Charge, Sent, At, To, By. This message is on a/c of: Recd. at, Date, From, By. (Signature of "Franking Officer.")

TO { C group, 8 group, 5th Aus DA

Sender's Number: \* 107103, Day of Month: 25th, In reply to Number: AAA

Table with 5 columns: Order, AAA, 42nd AAA, 15th AAA, and other units. Contains handwritten notes and corrections in purple ink.

From: 4th Aus DA, Place, Time

The above may be forwarded as now corrected. (Z) [Signature]

\* This line should be erased if not required. 750,000. W 2186-M509. H. W. & V., Ltd. 6/16.



SECRET

INSTRUCTION NO. 25

HEADQUARTERS,  
24th October 1917.

1. A Barrage Map (on the scale of one per Battery and Group Headquarters) for Attack Day No. 6 is issued herewith. The Group Boundary between "C" and "D" Groups is shown on the map; also the Dividing line between the Left Division and the Right Division, and the Left Division and the 4th Canadian Division on our Left. The former differs slightly from that given in 4th Australian Divisional Artillery ORDER NO. 97. Owing to the relief, the Barrage Maps for "C" GROUP have been divided into Battery Sectors. (viz. 50 yards every 4 minutes) Barrage Diagrams showing Lifts and timings/are also issued on the Scale of 1 per Group.

2. The Barrage covers the operations of the 1st Australian Division whose object is the securing of the Right flank of the 4th Canadian Division by joining from our present front line about NIENHOLEN Spur to and including DECLINE COPSE South of the Railway Line.

3. There will be no definite "Jumping-off" line as heretofore.

4. Every 18-pr. of the "A" Barrage will fire 4 rounds Smoke shell in rapid succession to mark its arrival on the Protective Barrage.

5. Rates of fire will be as follows :-

	<u>18-pr.</u>	<u>4.5" How.</u>
ZERO to Z plus 4	2	1
Z plus 4 to Z plus 8	4	1
Zero plus 8 until arrival at Protective Barrage	2	1
After arrival on Protective Barrage	1	$\frac{1}{2}$

Ammunition will be used as follows :-

A = 75%, AX = 25%  
provided Dumps will consist of not less than 50% A (for S.O.S. purposes) on conclusion of operation.

6. Groups will cease fire at Zero plus 150 unless further required.

7. The Barrage Map shows the over-lap of 50 yards on the Northern Boundary. There will be no over-lap on the inter-Divisional Boundary.

8.....



INSTRUCTION NO. 25 (Continued)

8. The C.O. 2nd Aus. F.A. Brigade will be Liaison Officer with the attacking Infantry Brigade at D 26 c 4045 and will take up his duties on the 25th instant.

9. Battery Commanders of 4th Australian Divisional Artillery Batteries will work out the Barrages for their guns before handing over to 2nd Aus. Divisional Artillery Batteries, and give every assistance possible to Battery Commanders, 2nd Aus. Divisional Artillery Batteries.

10 ACKNOWLEDGE on form attached. (Groups by wire).

*C. W. Mates*

Major, .R.A.,  
Brigade-Major,  
4th Australian Divisional Artillery.

DISTRIBUTION.

- 1 - 9 "C" Group.
- 10 - 18 "D" Group.
- 19 - 28 "G1" Group. (c/o 5th Aus. D.A.).
- 29 11th Aus. F.A. Bde..
- 30 4th Aus. F.A. Bde..

For inf.

- 31 2nd Aus. D.A..
- 32 5th Aus. D.A..
- 33 1st Aus. D.A..
- 34 R.A. 1st ANZAC..
- 35 1st Aus. Div..
- 36 1st Aus. Inf. Bde.. 43 C.R.A..
- 37 2nd Aus. Inf. Bde.. 44 S.G.
- 38 3rd Aus. Inf. Bde.. 45 R.O..
- 39 4th Canadian Division. 46 File
- 40 57th H.A.C.. 47)
- 41 H.A. 1st ANZAC.. 48) Diary.
- 42 Sig. Officer. 49)



FOURTH AUSTRALIAN DIVISIONAL ARTILLERY. COPY NO.....

SECRETINSTRUCTION NO. 26.HEADQUARTERS,  
25th October 1917.1. S.O.S. LINE.

The S.O.S. Line on the Divisional Front after the attack will be as follows, unless otherwise ordered :-

D 24 a 20 - D 18 c 60 - D 18 b 1085

2. Days after "O", will be known as "P (a)", "Q (a)", "R (a)", "S (a)", etc..

3. ACTION "P (a)" Day :-

Artillery action for "P (a)" Day will be as follows :-

5.20 a.m., an ARMY Barrage on front of Xth, 1st ANZAC. and Canadian Corps.

Starting line as for ARMY Barrage issued with INSTRUCTION NO. 24, viz, on Corps front -

E 25 c 5 2 - E 13 c 5 0 - D 12 d 4500.

Lifts and timings of Barrage are shown on attached diagram. (Groups only).

"P (a)" A Barrage :-

Rates of fire as for previous bombardment barrages i.e. 18-prs., 2 and 4.5" Hows. 1 roundx per gun per minute.

4. There will be bursts of fire at Bombardment Barrage rates at 8.45 p.m. to 8.51 p.m. and at 9.10 p.m. to 9.16 p.m.

This fire will take the form of a Standing Barrage in depth "A" and "B" Barrage. -

"A" Barrage on the line E 19 a 6 9 to D 18 b 1085

"B" Barrage 200 yards East of above.

There will be silent periods at -

8.51 p.m. to 9.10 p.m.,  
10. p.m. to 10.30 p.m.

unless firing is required in response to S.O.S. Signals.

5. ACTION ON "Q (a)" Day :-

On "Q (a)" Day the following will be the programme :-

ARMY Barrage at 5.30 a.m., Starting Line as on "P (a)" Day. Lifts and timing are shown on "Q (a)" A Barrage Diagram attached (Groups only).

Rates of fire as on "P (a)" Day.



INSTRUCTION NO. 26 (Continued).

8. There will be bursts of fire as on "P (a)" Day at  
 8.15 p.m. to 8.21 p.m..  
 9.33 p.m. to 9.41 p.m..
9. There will be silent periods -  
 8.21 p.m. to 8.40 p.m.  
 11 p.m. to 11.50 p.m..
8. Should Attack No. 7 take place on "S (a)" Day the following action will take place on "R (a)" Day :-  
 ARMY Barrage at 5.15 a.m., Starting Line as on "P (a)" Day.  
 Lifts and timing as on attached Diagram for "R (a) A Barrage (Groups only).
9. There will be silent periods -  
 8 p.m. to 8.30 p.m.  
 10 p.m. to 10.30 p.m..
10. COUNTER BATTERY WORK :-  
 Vigorous Counter-Battery work is being maintained.  
 "C" GROUP will answer M.F. Calls in Square E.Y..
11. HARASSING FIRE :-  
 Harassing fire will be maintained on communications by "C" GROUP, 720 rounds A and AX and 240 rounds BX being fired each day (two thirds by night and one third by day).
12. ACKNOWLEDGE on form attached.

DISTRIBUTION :-

1 - 9 "C" Group.  
 10 - 18 "D" Group.  
 For inf -

19 1st Aus. D.A..  
 20 2nd Aus. D.A..  
 21 5th Aus. D.A..  
 22 R.A. 1st ABZAC..  
 23 1st Aus. Div..  
 24 1st Aus. Inf. Bde..  
 25 2nd Aus. Inf. Bde..  
 26 3rd Aus. Inf. Bde..  
 27 H.A., 1st A.ZAC..  
 28 57th H.A.G..

29 C.R.A..  
 30 S.C..  
 31 R.C..  
 32 File.  
 (33)  
 (34) Diary.  
 (35)

4th Australian Divisional Artillery.

Major, R.A.,  
 Brigade-Major,

*Crider*



SECRETORDER NO. 100HEADQUARTERS,  
25th October 1917.

1. (a) The 2nd and 5th Armies are to attack on "O" Day, the operations forming part of a series of operations for the capture of PASSCHENDALE.

(b) The 10th Canadian Brigade of the 4th Canadian Division is attacking on the left of the 1st Australian Division.

2. (a) The 2nd Aus. Inf. Brigade will attack on "O" Day for the purpose of protecting the right flank of the 4th Canadian Division, and will establish a strong point on the spur in D 18 a extending well out towards ASSYRIA.

Zero hour will be communicated later.

(b) The operation will be carried out in one stage.

3. (a) DECLINE COPSE south of the railway and the YPRES - ROULERS Railway are inclusive to this Division.

(b) The 4th Canadian Division has been instructed to afford the necessary facilities for supports of this Division to move north of the Railway.

4. (a) A creeping barrage will be put down along the whole Div. front as shown in the Barrage maps issued with 4th Australian Divisional Artillery INSTRUCTION NO. 25.

(b) (i) The creeping barrage will be put down at Zero 150 yards in front of the post at D 17 B 7540.

(ii) At Zero plus 8 minutes the barrage will move forward at the rate of 100 yards in 8 minutes. The 18-pr. barrage will advance in lifts of 50 yards every four minutes.

(iii) On the arrival of the barrage at a line 200 yards beyond the objective a protective barrage will be formed there and a special searching programme will be carried out by the Heavy Artillery up to a line well down the reverse slopes of the KEIBERG Ridge.

5. (a) The 1st and 2nd Australian Divisional Artilleries under the command of Brigadier-General W.L.H. BURGESS, D.S.O. have been allotted to the Division for the attack.

(b) Two 6" How. Batteries from the Bombardment Group affiliated to the Division will be at the call of the Divisional Commander on "O" Day.

Requests for their assistance will be made through Divisional Headquarters.

6. (a) A contact Aeroplane will fly at about Zero plus 60 minutes, at which time flares will be called for by dropping a white Very light and sounding a succession of "A"s on the KLAXON Horn.

(b) WHITE FLARES ONLY WILL BE LIT.

These will be supplemented by the use of WATSON fans, and the waving of helmets, handkerchiefs, etc..

(c).....



ORDER    NO.    100    (Continued)

6 (Continued).

(c) The following success signal will be fired on gaining the objective :-

3 White Very Lights fired in rapid succession and repeated once or twice with a definite interval in each case.

7. ACKNOWLEDGE on form attached.

*C. W. Pate*

Major, R.A.,  
Brigade-Major,  
4th Australian Divisional Artillery.

DISTRIBUTION.

No.	1	"C" Group.
	2	"D" Group.
	3	"Cl" Group.
	4	11th Aus. F.A. Bde..
	5	4th Aus. F.A. Bde..
	6	Liaison Officer.

For inf. --

	7	2nd Aus. D.A..
	8	5th Aus. D.A..
	9	1st Aus. D.A..
	10	R.A. 1st ANZAC.
	11	1st Aus. Div..
	12	1st Aus. Inf. Bde..
	13	2nd Aus. Inf. Bde..
	14	3rd Aus. Inf. Bde..
	15	4th Canadian Division.
	16	57th H.A.C..
	17	H.A. 1st ANZAC..

	18	C.R.A..
	19	Sig. Off..
	20	S.C..
	21	R.O..

	22	File
	23)	
	24)	Diary.
	25)	



FOURTH AUSTRALIAN DIVISIONAL ARTILLERY.

COPY NO 22

SECRET

ORDER NO. 101.

HEADQUARTERS,  
26th October 1917.

1. COMMAND.

The C.R.A. 4th Australian Division will hand over command of the Field Artillery covering the Left Division 1st A.ZAC. to the C.R.A. 1st Australian Division, at 10 a.m. 27th October 1917.

2. MOVE OF HEADQUARTERS :-

Headquarters 4th Australian Divisional Artillery will move to REMINGHELSST at 10 a.m., 27th October.

3. ACKNOWLEDGE on form attached.

*imfrates*  
Major, R.A.,  
Brigade-Major,  
4th Australian Divisional Artillery.

DISTRIBUTION.

- No. 1 to 4th Aus. F.A. Ede..
- 2 5th " " "
- 3 1st " " "
- 4 2nd " " "
- 5 10th " " "
- 6 11th " " "
- 7 2nd Aus. D.A.C..
- 8 4th Aus. D.A.C..
- 9 4th Aus. D.T.L.O..
- For inf -
- 10, 1st Aus. D.A..
- 11 2nd Aus. D.A..
- 12 5th Aus. D.A..
- 13 1st Aus. Div..
- 14 4th Aus. Div. 'Q'.
- 15 4th Aus. Div. 'G'.
- 16 57th H.A.C..
- 17 R.A. 1st ANZAC..
- 18 H.A. 1st ANZAC..
- 19 C.R.A..
- 20 B.C..
- 21 R.O..
- 22 File
- 23 )
- 24 ) Diary.
- 25 )