

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

Artillery

Item number: 13/8/15

Title: Brigadier General, 2nd ANZAC
Corps Heavy Artillery

October 1917



AWM4-13/8/15

WAR DIARY

Army Form C. 2118.

or INTELLIGENCE SUMMARY

(Erase heading not required.)

Instructions regarding War Diaries and Intelligence Summaries are contained in F. S. Regs., Part II and the Staff Manual respectively. Title Pages will be prepared in manuscript.

Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
HAZEBROUCK	23 X 17		<p>Operations as shown in appendix to vol XVI were carried out on the 4th, 9th, and 12th inst.</p> <p>During the first of these operations the NZ Div was on the left of the Cooke point and the 3rd Cavalry Div on the right; for the operations on the 9th inst. the 4th Div was on the left and the 6th Div on the right. For the operations of the 12th the divisions were as for the operation on the 4th inst. Practically all the 52 batteries controlled by the H.A. were used forward except of the very simple difficulties due to mud and that is complete.</p> <p>The operation of the 4th inst. undertaken under more favourable weather conditions than the other two, was a complete success, practically all objectives were taken and held. The operations of the 9th and 12th were much interfered with by the weather conditions the wind in the forward lying areas being practically impassable and the enemy machine gun defence strong; some of which was <u>explosive</u> used in both operations. During the whole period covered by these operations the enemy batteries were kept in a subdued condition so that the main hindrance to further advance was undoubtedly the mud.</p> <p>On the 17th inst the area was handed over to the Canadian Corps H.A. and the Second Army H.A. withdrew with the Corps to rest in HAZEBROUCK.</p>	<p>Appendix 711</p> <p style="text-align: right;">JWH</p>

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Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
MERTINGHE CHATEAU.	28/10/17.	10 am.	Took over from Vth Corps H.A. (Fifth Army) after their operations on ZONNEBEKE on the 26th inst. Lt. A.E.F. CHURCH was injured by aeroplane bomb several days before while attached (temp.) to 1st ANZAC. R.A.	
	29/10/17.		Arranging position of batteries moving forward and location of groups and batteries coming into Corps. from VIII, and IX Corps. Continued bombardments, counter battery work, harassing tasks and support of divisions.	F.W.H
(Sgd). F.W. Henderson. Lt. R.G.A.				
R.O.				
2nd Anzac H.A.				
(Original of above was written on same sheet as entires for end of previous month and filed with volume for that month).				

SECRET.IIInd Anzac H.A. Instructions No. 1.PREPARATORY BARRAGES

1. Two Army preparatory barrages will be carried out on "P" day at 9.30 a.m. and 8.15 p.m.
2. Two Corps preparatory barrages will be carried out on "Q" day and two on "R" day, details of which will be notified later.
3. The rate of fire will be :-

6" hows.	...	Two thirds of a round per gun per minute.
8" h.w.s.)		
9.2" do.)		
60-pdrs.)	...	Half a round per gun per minute.
4. Maps are being forwarded to Groups concerned, showing 17 barrage lanes lettered A to Q.
5. Lanes are allotted as follows :-

6" Hws.	Northern D.B.Group -	Lanes, L, M, N, O, P, Q.
	X Group-	Lanes, J, K.
	U Group-	Lanes, G, H, I.
	Southern D.B.Group -	Lanes, A, B, C, D, E, F.
8" and	Northern D.B.Group -	Lanes, L, M, N, O, P, Q.
9.2" hws.	U Group-	Lanes, F, G, H, I, J, K.
	Southern D.B.Group -	Lanes, A, B, C, D, E.
60-pdrs.	S Group-	Lanes, A, B, C, D, E, F.
	T Group-	Lanes, G, H.
	R Group-	Lanes, I, J, K, L, M, N, O, P, Q.
6. The fire of batteries will not be distributed in depth, but the R.P.I.'s of all guns of a battery will be placed in line, but special attention is to be paid to strong points.
7. Barrage diagrams are being forwarded to Groups concerned, showing the various lifts. That for the 9.30 a.m. barrage is marked "P1" and for the 8.15 p.m. barrage "P2."
8. The line marked "start" on the diagram is the 18-pdr. starting line, which will be placed 200 yards east of our front line.
9. F.C.C.'s. reports will be forwarded to this office as soon as possible after the barrage. These will state where the enemy barrage is placed, volume of fire and general direction from which the fire appears to come, and will also draw attention to any apparent faults in our barrage.
10. Groups will send an officer to H.A. Headquarters to synchronise 3 hours before each zero.
11. Acknowledge.

S. Mead.

Major, RA.,
Brigade Major,
2nd Anzac Heavy Artillery.

30/9/17.

Issue to all Groups.

Copies to H.Q., R.A., II Anzac

J.B.S.C., II Anzac. for information.

SECRET.IInd Anzac H.A.
No. 33/1H.A.Group.

Reference IInd Anzac H.A. Instructions No. 1.,
the following are points reported to be held by our infantry
last night :-

D.6.a.40.45. - D.8.a.0.3. - D.8.c.1.9. -
D.7.d.85.85. - D.8.c.3.0. - D.14.a.75.40. -
D.14.d.70.55. - D.15.c.1.1. - D.21.a.25.60. -
D.21.a.5.4. (on road) - D.21.c.8.5. - D.21.d.2.1. -
(on railway) - D.22.c.0.0. - D.28.a.3.7. -
D.28.a.15.60. - D.28.a.3.0.

The starting line referred to in para. 8 of the
instructions will be a line 200 yards east of, and roughly parallel
to a line connecting the above points.

30/8/17.

J W Henderson Lt

for

Major, RA.,
Brigade Major,
IInd Anzac H.A.

SECRET.

No. 30/14.

IInd Anzac Heavy Artillery.

LOCATION LIST.

IInd Anzac H.A. Headquarters - H. 2. b. 98.25.

 42nd H.A.G. (Counter Battery) Lt.-Col. M.S.EYRE, D.S.O.
 S. Group. Headquarters - H. 12. b. 05.75.

S 1	✓110 (H) Bty.	60-pdr.	I. 4. d. 20.70.
S 2	✓1/1 Kent H.B.	60-pdr.	I. 4. d. 40.80.
S 6	✓178 (S) Bty. 15 (S)	6" How.	I. 4. a. 41.71.
S 7	✓352 (S) Bty.	6" How.	I. 5. b. 30.70.
S 8	✓57 (S) Bty.	8" How.	C. 27. d. 31.73.
S 9	✓26 (H) Bty.	60-pdr.	I. 4. b. 25.90.

 2nd H.A.G. (Counter Battery) Lt.-Col. R.L.BARTON.
 T. Group. Headquarters - I. 8. a. 90.60.

T 1	✓177 (S) Bty.	6" How.	I. 5. a. 20.10.
T 3	✓76 (S) Bty.	9.2" How.	I. 5. c. 47.81.
T 4	✓85 (S) Bty.	12" How.	I. 9. c. 00.90. & I. 1. c. 38.15.
T 5	✓434 (S) Bty.	6" Mk.VII Gun	I. 9. c. 78.04.
T 6	✓122 (H) Bty.	60-pdr.	I. 5. c. 80.60.

 70th H.A.G. (Counter Battery) Lt.-Col. T.S.N.HARDINGE.
 Z. Group. Headquarters - I. 1. d. 20.50.

Z 1	✓233 (S) Bty. 171 (S)	6" How.	C. 28. a. 99.77.
Z 2	✓191 (S) Bty.	9.2" How.	I. 4. b. 70.66.
Z 5	✓118 (S) Bty.	12" How.	C. 27. b. 64.89. & 31.78.
Z 6	✓99 (S) Bty.	6" How.	I. 3. b. 79.65.
Z 7	✓217 (S) Bty.	6" How.	C. 22. d. 75.20. & 50.10.

 13th H.A.G. (Counter Battery) Lt.-Col. H.G.CARR, D.S.O.
 R. Group. Headquarters - I. 7. b. 50.10.

R 1	✓22 (H) Bty.	60-pdr.	C. 22. d. 40.70.
R 2	✓133 (H) Bty.	60-pdr.	C. 27. c. 59.08.
R 4	✓1/2 London H.B.	60 pdr.	C. 29. a. 30.30.
R 5	✓147 (H) Bty.	60-pdr.	C. 28. c. 05.95.
R 3	✓279 (S) Bty	6" How.	I. 5. a. 40.18.

 89th H.A.G. (Counter Battery) Lt.-Col. G.G.W.CORRIE.
 X. Group. Headquarters - H. 12. d. 70.70.

X 1	✓224 (S) Bty.	6" How.	I. 4. b. 65.15.
X 2	✓291 (S) Bty.	6" How.	I. 5. b. 7.0.
X 3	✓238 (S) Bty.	6" How.	I. 5. a. 80.80. & 60.90.
X 4	✓331 (S) Bty.	6" How.	I. 5. b. 30.30.
X 5	✓221 (S) Bty.	8" How.	I. 5. a. 40.90.
X 6			

/continued

APPENDIX

6

- 2 -

Northern Double Bombardment Group. Lt.-Col. H.W.ILES - H.1.a.50.50.

33rd H.A.G. Lt.-Col. R.W.CASTLE, D.S.O.
O. Group. Headquarters - I. 1. c. 72.20.

O 2	✓ 55 (S) Bty.	9.2" How.)	C. 28. c. 10.80.
O 3	✓ 186 (S) Dty.	9.2" How.)	I. 3. a. 41.61.
O 4	✓ 197 (S) Bty.	6" How.	C. 27. c. 90.70.
O 5	✓ 299 (S) Bty.	6" How.	I. 3. a. 71.70.
O 6	✓ 31 (S) Bty.	6" How. (30-cwt)	C. 28. b. 20.40. & a. 90.10.

25th H.A.G. Lt.-Col. S.O.BOYD.
W. Group. Headquarters - I. 7. d. 30.00.

W 1	✓ 116 (S) Bty.	6" How.	I. 4. a. 34.80.
W 5	✓ 286 (S) Bty.	8" How.	C. 28. d. 60.90.
W 6	✓ 119 (S) Bty.	6" How.	I. 10. d. 36.59.
W 7	✓ 157 (S) Bty.	6" How.	C. 27. d. 85.12.
W 8	✓ 363 (S) Bty.	9.2" Gun	{ B. 28. c. 82.60. B. 30. b. 31.72.
W 9	✓ 12 R.M.A.	15" How.	I. 8. b. 84.69.

Southern Double Bombardment Group.
77th H.A.G. Lt.-Col. H.de L.WALTERS. Hdqrs. H. 7. c. 90.50.

48th H.A.H. Lt.-Col. H.R.BRANCKER.
P. Group. Headquarters - I. 8. a. 90.60.

P 2	✓ 409 (S) Dty.	6" Gun	I. 3. d. 50.70.
P 5	✓ 129 (S) Bty.	9.2" How.	I. 3. d. 80.30.
P 6	✓ 351 (S) Bty.	6" How.	I. 9. b. 31.82.
P 7	✓ 61 (S) Bty.	6" How.	I. 2. b. 80.70.
P 8	✓ 71 (S) Bty.	6" How.	I. 10. a. 20.80.

88th H.A.G. to be relieved by 68th H.A.G. Lt.-Col. BRIDGES.
M. Group. Headquarters - H. 22. a. 10.50.

M 2	✓ 114 (S) Bty.	6" How.	I. 5. c. 90.30.
M 1	✓ 33 (S) Bty.	8" How.	I. 10. a. 90.15.
M 3	✓ 168 (S) Bty.	6" How.	I. 4. c. 77.50.
M 4	✓ 211 (S) Dty.	6" How.	I. 10. a. 50.50.

Reserve Group (Bombardment).

16th H.A.G. Lt.-Col. C.W.CLARK, C.M.G.
U. Group. Headquarters - I. 7. a. 60.55.

U 1	✓ 66 (S) Dty.	9.2" How.	C. 28. c. 70.20. & 455
U 2	✓ 250 (S) Bty.	6" How.	I. 10. b. 75.08. & 80.32.
U 3	✓ 67 (S) Bty.	6" How.	I. 10. b. 20.10. to 20.4
U 4	✓ 112 (S) Bty.	6" How.	I. 4. b. 28.15.
U 5	✓ 274 (S) Bty.	6" How.	I. 4. a. 30.50.
U 6	✓ 253 (S) Bty.	8" How.	I. 4. d. 20.30.

2/10/17.

SECRET.IInd Anzac H.A. Instructions No. 2.

1. The IInd Anzac Corps will take part in the next offensive operation carried out by the Second Army.
2. The front of attack will extend from the YPRES - BOULERS railway (D.21.G.2.1.) to Second Army boundary near AVIATIN Farm (D.8.a.2.).
3. The objective for the next stage of the attack will be approximately from D.22.a.8.8. to D.3.c.30.75. and will include DAFE CROSSING, TYNE COTTAGE, BERLIN WOOD and KRONPRINZ FARM.
4. The 1st Anzac Corps is attacking on our right and the VIIIth Corps (Fifth Army) on our left.
5. The IInd Anzac attack will be carried out by the 3rd Australian Division on the right and the New Zealand Division on the left. Each division will attack on a front of two Brigades, holding one Brigade in Reserve.
6. The attack will take place on code day "S." Hour of attack will be communicated later.
7. The Railway is inclusive to IInd Anzac. 1st Anzac wish that special care be taken that no rounds fall south of the Railway from Zero till Zero plus 20.
8. ACKNOWLEDGE.

Issued.
Major, R.A.,
Brigade Major,
2nd Anzac Heavy Artillery.

30/9/17.

Issued to all H.A. Groups.

Copies for information to:-

R.A., IInd Anzac.
H.A., 1st Anzac.
C.B.S.O., IInd Anzac.

IInd Anzac H.A. Instructions No. 5.1. Boundaries.

The boundary between the 1st and IInd Anzac Corps will be from the point where the front line trench crosses the YPRES-ROULERS Railway at D.21.d.2.1. along the railway (inclusive to IInd Anzac) to D.22.a.75.05., and thence in a straight line through D.25.b.08.95.

The boundary between IInd Anzac and XVIII Corps will be a straight line through D.8.a.21.52. and D.3.c.9.9.

The boundary between 3rd Australian and New Zealand Divisions will be a straight line through dug-out at D.15.c.35.05. and D.16.d.5.0.

The Northern boundary of the Corps Counter-battery area will be a line joining C.23.a.0.0. to W.13.c.0.0.

The Southern boundary will be the YPRES - ROULERS railway eastwards to D.17.a.5.0., thence along E. and W. grid through D.17. central.

2. Artillery Action.

(a) Double-Group Commanders will arrange in consultation with Divisions for daily bombardments of known M.G. emplacements, strong points, telephone exchanges and hostile O.P.'s., with Delay action fuzes.

(b) Gas shell should always be preceded by H.E., the proportion of gas shell being gradually increased.

(c) Bombardments of bivouacs, hutments and other likely positions of assembly, both by day and night, will be ordered daily from this office, as well as road searches.

3. Fuzes.

The proportion in which No. 106 fuzes will be supplied is 5% for all 6", 8" and 9.2" hows.

These fuzes must not be used for C.B. work, except when necessary for observation. They must be kept for barrages, the idea being to make as few fresh shell holes as possible.

4. Cover for Ammunition.

Too much stress cannot be laid on the importance of protecting ammunition from the weather.

5. Wireless.

As battery wireless masts are frequently blown down by shell fire, it is important that group wireless should take in all messages which affect the group, and Group Commanders should ensure that these are repeated by telephone to the battery concerned.

This is especially important as regards GF and LL calls, and particularly on attack day.

6. Rations.

Arrangements will be made to have three days' rations and water at the gun positions by the evening of Q day for use on R, S and T days.

7. Light.

For tactical purposes night will be taken to be from 7 pm to 3 am.

8.

Groups please acknowledge.

S. Mead.

Major, RA.,

Brigade Major, IInd Anzac H. A.

1/16/17.

IIInd Anzac H.A. Instructions No. 4.

FORWARD POSITIONS

6-inch, 8-inch and 9.2-inch Hows and 60-pdr batteries to be sited so as to be able to fire effectively -

Northern Groups - 2000 yds beyond line V.24.c.9.2. - D.6.b.5.5.

Southern Groups - 2000 yds beyond line D.6.b.5.5. - E.7.c.0.9.

Dividing line between Groups should run roughly from WARWICK FARM to D.6.b.5.5.

Northern Groups will be -

R. Z. O. W.

Southern Groups will be -

S. T. P. M.

Centre Groups will be -

U. X.

Centre Groups should be sited so as to fire 2000 yds beyond the line D.6.d.8.0. - V.30.d.4.0.

Area allotted for Northern Groups -

C.17.d., C.18.b, c, and d, C.24.a. and b, and D.19 if required

Southern Groups -

C.30.a, b, I.6.a, b, c, ~~d~~, and ~~J.1.c.~~

Centre Groups -

C.30.c. and d.

Reconnaissance of positions to be made immediately - and positions prepared as far as possible - ammunition dumps formed, etc. List of selected positions to reach this office by 9 p.m. Oct. 2nd, showing routes proposed and repairs to roads required.

/continued

- 2 -

All R.W.A. positions in areas given will almost certainly be vacated and can therefore be selected. O'G.C. Groups must arrange mutually not to select the same positions.

All preparations should be made to move forward three sections per group on the night following the morning of the attack.

There will be 3 routes available -

WIELTJE - ST.JULIEN road as far as C.17.d.35.90., then across the river, which is being bridged.

WIELTJE - CRAVENSTAPEL road.

POTIJZE - FREZENBERG road.

Reconnaissance should also be made before October 7th by C.B.Groups for positions in C.19, 20, and 21 - for all 8-inch and 6-inch hows, and as many 60-pdrs as possible.

S. Ince.

Major, R.A.,
Brigade Major,
IInd Anzac H.A.

1st October 1917.

Issued to:-

All Groups.

C.F.S.C.)

R.A., IInd ANZAC.)

) for information.

SECRET.IInd Anzac H.A. Instructions No. 5.

1. From noon October 2nd, the boundaries of lanes will be as follows :-

Southern boundaries - Straight lines through the following points :

Lane A - D.21.d.23.00. to D.17.d.40.00.
 Lane B - D.32.c.03.00. to D.18.c.00.75.
 Lane C - D.21.c.00.47. to D.19.a.00.33.
 Lane D - D.21.a.00.03. to D.13.a.00.88.
 Lane E - D.21.a.00.55. to D.11.d.05.00.
 Lane F - D.15.c.00.10. to D.11.c.00.04.
 Lane G - D.15.c.00.65. to D.11.c.00.60.
 Lane H - D.15.a.00.20. to D.11.a.00.15.
 Lane I - D.15.a.00.75. to D.11.a.00.70.
 Lane J - D.9.c.00.27. to D.5.c.00.25.
 Lane K - D.9.c.00.85. to D.5.c.00.75.
 Lane L - D.9.a.00.39. to D.5.a.00.38.
 Lane M - D.8.b.00.45. to D.4.b.00.40.
 Lane N - Northern boundary D.9.a.00.55. to D.3.central.

2. For barrages - Lanes will be reallocated as follows:-

6-inch Hows.

Southern Bombardment Group	-	Lanes A to D inclusive.
U.Group	-	Lanes F to H " "
X.Group	-	Lanes E and I " "
Northern Bombardment Group	-	Lanes J to L " "

8-inch and 9.2-inch Hows.

Southern Bombardment Group	-	Lanes A to C inclusive.
U.Group	-	Lanes D to H " "
Northern Bombardment Group	-	Lanes I to L " "

/continued

- 8 -

60-pounders.

S. Group	-	Lanes A to F inclusive
R. Group	-	Lanes G to M " "

3. The spare 6-inch How. batteries in the Northern and Southern Bombardment Groups will be superimposed during the barrage in lanes selected by Group Commanders in their own ^{assigned} areas, special attention being paid to strong points or places of assembly.

4. S and R Groups will also each superimpose 2 60-pdr guns on lanes selected by the Group Commanders.

5. The 6-inch How. batteries and 60-pdr guns thus superimposed will be detailed to take up all G.F. and LL calls within their arcs of fire.

On receipt of such calls, these batteries and guns will fire on the objective indicated at a rapid rate for 10 minutes, and then continue at a slow rate until fresh instructions are received from the Group Commanders.

6. The 6-inch how. batteries can also be taken off the barrage to carry out any special tasks asked for by the Division.

S. Mead

Major, RA.,
Brigade Major,
IInd Anzac H.A.

1st October 1917.

Issued to :-

All Groups.
R.A., IInd Anzac.
C. B. S. O.
XVIII Corps H.A.
1st Anzac H.A.
21st Sqdn. R.F.C. (2 copies)
R.A. Liaison Officer, 2nd Wing R.F.C.

N.2. Div + D.A.

3rd Aust Div + D.A.

SECRET.

Amendments to II Anzac H.A. Instructions
No. 5 of 1st October, 1917.

Para: 2.

U Group- For "E to G" read "F to H."

X Group- For "H and I" read "E and I."

Para: 3.

Before "areas" insert "Divisional."

Distribution at foot

Add- N.Z. Division and D.A.
3rd Aust. Div. and D.A.

U and X Groups acknowledge.

S. Mead
Major, RA.,
Battalion Major,
2nd Anzac Heavy Artillery.

2/10/17.

33/22

SECRET.IInd Anzac H.A. Instructions No. 6.Selected
Horsed
Batteries.

1. 2 60-pdr. batteries and 2 6" how. batteries, horse drawn, are to be held in readiness to move forward at short notice, if required.

One 60-pdr. battery and one 6" how. battery are to be detailed from R Group, the necessary arrangements being made by the Group Commander to horse the 6" battery with 60-pdr. teams.

81 Siege Battery will be detailed by P Group, and the other 60-pdr. battery will be detailed by S Group.

Groups will make arrangements, by drawing on other batteries in their Groups, so as to ensure that the selected 60-pdr. batteries will move forward complete with 6 guns, and the 6" how. batteries with 4 guns.

Zone
Calls.

2. (a) On attack day, NF calls west of a line through D.17. central, D.10. central and D.3. central will be answered by the Divisional Artillery, and NF calls east of this line by the Heavy..Squares have been allotted to C.E. batteries by the C.E.S.O.

(b) GF and LL calls will be answered as detailed in para: 5 of H.A. Instruction No. 5, irrespective of the above line. 409 (S) Battery (6" XII guns) will answer all GF and LL calls east of a line through U.20.a.00. and E.14.a.00.

(c) The importance of there being no doubt as to the im-mediate answering of zone calls is to be emphasized.

(d) After the capture of the final objective, the enemy country will be divided into an inner and outer zone by a straight line through D.18, D.5, and V.28. central.

NF calls west of this line will be answered by the Divisional Artillery, and East of this line by the H.A.

Contact
Patrols.

3. (a) Contact aeroplanes will be distinguished by one black streamer on each lower plane

(b) Machines of 21st Squadron, RFC., carry the following distinguishing marks :-

On fuselage, working from observer's seat towards rudder-

British markings.
Large "A" in white.
A dumbbell, painted in white.

(c) Only one contact aeroplane will work on the Corps front at one time.

/continued.

- 2 -

Long
Range
Guns.

4. (a) Prior to zero on attack day, the 12" and 9.2" guns will only be used for exceptionally favourable targets.

(b) Daily enfilades of the MENIN road will be carried out by a 6" gun.

(c) After zero the policy of the long range pieces will be to interfere with the enemy's probable movements and concentrations with a view to counter-attack.

(d) Ammunition allotted for expenditure during the ensuing phase is:-

12" gun	...	50 rds. per gun.
9.2" gun	...	100 rds. per gun.

S. Mead.

Major, RA.,
Brigade Major,
2nd Anzac Heavy Artillery.

2/10/17.

Issued to H.A. Groups.

Copies to:-

R.A., IInd Anzac
C.B.S.O., II Anzac.
N.Z. Division.
N.Z. Div. Arty.
3rd Aus. Division.
3rd Aus. D. Arty.

SECRET.

IInd Anzac H.A.

IInd Anzac H.A. Instructions No.7.

With reference to the attached Map

BARRAGE ON ATTACK DAY.

1. The map shows the lifts of BARRAGE **A**.
 2. The relative distances between BARRAGES **A, B, C, D & E** will be 200 yards. The lifts of each barrage will be 100 yds.
 3. The rates of fire for BARRAGES D and E will be as under :-

Zero to Zero plus 3	-	1 round per gun per minute.
During the 12 minutes halt from Zero plus 29 to Zero plus 41	}	1 round per gun per 3 minutes till Zero plus 39 - 1 round per gun per minute for the last two minutes.
During the halt on the Red protective barrage.	}	1 round per gun per 3 minutes till Zero plus 126 - 1 round per gun per minute for the last four minutes.
During the 12 minutes halt from Zero plus 154 to Zero plus 166	}	1 round per gun per 3 minutes till Zero plus 164 - 1 round per gun per minute for the last two minutes.
During the advance of the barrage.	}	2/3 round per gun per minute.
- Note.- The above rates are made out on the assumption that the average number of guns in howitzer batteries is four. The rates must be increased by Groups according to the number of guns out of action on ATTACK DAY.
4. O's.C. Groups will ~~arrange~~ that dugouts, strong points, etc., will be concentrated on and will receive a greater volume of fire than open country.

Each Double Bombardment Group has two 8-inch howitzer batteries which should be used for these purposes within their Divisional areas.

/continued

5. 75 per cent of 106 fuses will be used.

6. (a) During the Protective Barrage for the Intermediate Objective, Barrages D and E will move forward at Zero plus 83 in 100 yds lifts every 3 minutes for 1000 yards, and will then jump back on to the Protective lines at Zero plus 113 until Zero plus 130, when they will advance again as shown in the attached map.

(b) After the whole protective barrage for the final (blue) objective has been formed, which will be at Zero plus 206, the following procedure will be adopted :-

Barrages D and E will commence advancing at Zero plus 206, moving forward in 100 yards lifts every 3 minutes until Zero plus 254, when they STOP.

Zero plus 314 to Zero plus 359 - Reopen fire on final protective line and make 15 lifts at 100 yds every 3 minutes.

Zero plus 359 - STOP.

Zero plus 419 to Zero plus 464 - Reopen fire on final protective line and make 15 lifts at 100 yards every 3 minutes.

Zero plus 464 - STOP (7 hrs 44 minutes after Zero).

During the periods marked STOP, the guns may be used as required, but will at once reopen on their final protective lines at S.O.S.

(c) After the final Protective Barrage has finished, Batteries will be used as required for bombardment, searching fire, etc., but must be ready to reopen on their final protective lines immediately on receipt of S.O.S.

S. Mead

Major, R.A.,
Brigade Major,
IInd Anzac B.A.

2nd October, 1917.

Copies to :-

L.A. Groups. R.A., IInd Anzac.
S.O.S. N.Z. Division.
A.C. Div. Art. 3rd Aus. Div.
3rd A.C. Div. Art.

SECRET.

Addendum to IInd Anzac H.A. Instructions No.7.

10 60-pdr guns only will be used on the barrage, being 5 from R.Group and 5 from S:Group, in lanes selected by Group Commanders out of those allotted to them.

Each Group will tell off 2 out of the above 5 guns to take up GF and LL calls.

Guns which are sited furthest back should be selected for the barrage.

At Zero plus 254 all 60-pdrs will be withdrawn from the barrage altogether, and put on to road-strafoes, but the 4 guns told off for GF and LL calls must still remain available for that purpose and immediately quit any other task to take up such a call.

S. Mead.

Major, RA.,
Brigade Major,
IInd Anzac H.A.

3/10/17.

Issued to :-

All Groups.
R.A., IInd ANZAC.
C. B. S. O.
N.Z.Division.
N.Z.Divnl. Arty.
3rd Australian Div.
3rd Australian Divl. Arty.

SECRET.IIInd Anzac H.A. Instructions No. 8.F. O. O's.

1. Probably 9 pairs buried cable will be allotted to Heavy Artillery on the bury which ends at GALLIPOLI (D.13.d.2.2.), and 55 pairs on the bury which ends near ZEVENKOTE (about D.20.c.5.4).
2 pairs each are being allotted to 4 of the C.B. Groups, and 1 each to the remaining Groups.
2. All lines must be entirely metallic, and no earth returns may be used.
3. During the attack, at least one O.P. per Group must be plugged through to the Group. Communications from these O.P's. will be made to the Group only, and not to the F.O.O's. battery.
4. F.O.Os. will keep a sharp look-out for fleeting opportunity targets, especially after the final protective barrage has been stopped.
5. S and T Groups will each detail a F.O.O. who should endeavour to establish communication with and observe from the vicinity of WINDMILL HILL, as soon as possible.
6. Lt.-Col. H.G.Carr, D.S.O., will be at Hill 37. He will be responsible for recommending that the application of an increased number of batteries to C.B. work is necessary if the enemy's fire becomes troublesome.
7. Groups please acknowledge.

S. Carr
Major, RA.,
Brigade Major,
2nd Anzac Heavy Artillery.

2/10/17.

Issued to H.A.Groups.
Copies to:-

R.A., II Anzac.
C.B.S.C., II Anzac.
N. Z. Division.
N. Z. D. A.
3rd Aus. Division.
3rd Aus: D.A.
H.A. Signals.

SECRET.

33/33

Amendment to H.A. Instructions No. 9.Para: 5.S, R and X Groups, 6" hows.Delete the words "to each" and for "lane"
read "lanes."*S. Mead.*Major, RA.,
Brigade Major,
2nd Anzac Heavy Artillery.

3/10/17.

SECRET

IIInd Anzac H.A. Instructions No. 9.

1. The following programme will be carried out on the evening of "S" day :-

- 9.45 p.m. to 10 p.m. Silent period - no firing except in case of enemy attack.
- 10 p.m. - 10.6 p.m. Standing barrage in depth from 200 yds. beyond S.O.S. line to 1000 yds. beyond S.O.S. line.
- 10.6p.m. to 10.11p.m Silent period.
- 10.11pm to 10.17 p.m. Standing barrage in depth from 1200 yards beyond S.O.S. line to 2000 yards beyond S.O.S. line.

2. The order of the separate barrages from WEST to EAST will be A - B - D - E (8" and 9.2") - E (60-pdr).

3. In order to thicken the barrage, as many counter-battery guns as possible will be superimposed:-

- S Group will detail 1 60-pdr. gun to ~~each~~ lanes A to F.
- R Group will detail 1 60-pdr. gun to ~~each~~ lanes I to G.
- S Group will detail 5 6" Hows. to ~~each~~ lanes A to E.
- R Group will detail 2 6" Hows. to ~~each~~ lanes L & M.
- X Group will detail 6 6" Hows. to ~~each~~ lanes S to F.

4. Barrage "A" will be put down 200 yds. beyond S.O.S. line in the first barrage, and 1200 yards beyond S.O.S. line in second barrage.

5. Distance between separate barrages 200 yards.

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

6" How.	...	1.
8")	...	Two-thirds.
9.2")		
60-pdr.)		

7. Groups please acknowledge.

S. Mead.

Major, RA.,
Brigade Major,
2nd Anzac Heavy Artillery.

3/10/17.

Issued to H.A. Groups
Copies to:-

- | | |
|-----------------|---------------|
| R.A., II Anzac. | C.E.S.O. |
| N.Z. Division. | N.Z.D.A. |
| 3rd Aus: Divn. | 3rd Aus: D.A. |

SECRET.

IInd Anzac H.A.
No. 13/27.

IInd Anzac H.A. Instructions No.10.

Programme for "T" Day.

1. On "T" Day at 5.15 a.m. a Barrage in depth will be put down on the fronts of the IXth., Xth., 1st Anzac and 2nd Anzac Corps, in accordance with attached barrage table.
2. The barrages will be in normal order from West to East, viz: A, B, D, E.
3. Barrage A will be on S.O.S. lines, and distances between barrages will be 150 yards.
4. The pace of the barrage will be 100 yards in three minutes.
5. Rates of fire as for Army Preparatory Barrages.
6. Barrages will creep straight forward, and each Barrage will make one lift back before ceasing fire.
7. Barrage A will lift back on to a line 300 yards East of the S.O.S. lines, the remaining barrages conforming.
8. Barrage "A" and 18 Pdr. Barrage "B" will lift at Zero plus 30, and will cease fire at zero plus 33.

The remaining barrages will lift back at zero plus 48, and will cease fire at Zero plus 51.
9. Lanes and guns to be detailed as for Attack Day Barrage.
10. Groups please acknowledge.

S. Head.
Major, RA.,
Brigade Major,
IInd Anzac H.A.

3rd October, 1917.

Issued to :-

- All Groups.
- C.E.S.O.
- R.A., IInd ANZAC.
- N.Z.Division.
- N.Z.Divnl. Artillery.
- 3rd Australian Division.
- 3rd Australian Divnl. Artillery.

SECRET.

IInd Anzac H.A. Instructions No.11.

The following places will be kept under fire by batteries detailed below from Zero plus 254 to Zero plus 314 and from Zero plus 359 to Zero plus 419.

1.	S.W. end of spur D.5.central - MEETCHEELE and FURST FARM Cross Roads and junctions	116 S.B. 157 S.B.	Rate - 6" How. 1 rd. per
2.	PASSCHENDAELE Village S.W. of D.6.central	236 S.B. 114 S.B.	gun per 6 mins. 8" & 9.2"
3.	CREST FARM D.12.a.19.	112 S.B. 258 S.B.	1 rd. per gun per 8 mins.
4.	High Ground in D,11.d. and D.12.c.	33 S.B. 168 S.B. 274 S.B.	

The following roads and tracks will be searched by 60-pdrs from Zero plus 254 onwards.

1.	The Valley and Railway from D.13.b.08. to E.7.c.75.	42nd HAG	Intermittent bursts of fire
2.	Road from D.12.c.0540 to PASSCHENDAELE to E.12.b.9098. thence via ENLIST WOOD to Railway.	42nd HAG	2 guns per task. Rate 30 rounds per task per hour.
3.	HAALEN - PASSCHENDAELE thence through E.1.c. & d. to W.26.d.72.	13th HAG 42nd HAG	* 1 gun per group.
4.	BELLE VUE - MEETCHEELE - thence N.E. towards ROODKRUIS.	13th HAG	
5.	YETTA Houses - WALLEMOLEN Comotry - WOODLAND Plantation to V.29.c.25 - VANITY House - GOUDBERG - VALOUR Farm - V.30.b.21.	13th HAG	

/continued

- 2 -

From zero onwards, 6-inch guns will engage the following targets :-

Task	Battery	Rate of fire.
1. YPRES - MENIN Road from KOELENBERG Cross Road (K.S.S.o.) to limit of range S.E.	434 S.E.	At rate of 1 round per gun per 10 mins. but to be fired in irregular bursts.
2. MOORSLEDE.	434 S.B.	
3. Road from VINDICTIVE Cross Roads to ROODKRUIS. OOSTNIEUWKERKE	409 S.B.	
4. YPRES ROULERS Railway - from Railway Station at E.7.b.91. to limit of range N.E.	409 S.B.	
5. Road in W.26.c.06. N.E. to W.21.central thence to de RUITER.	409 S.B.	
6. Road from KALVE to de RUITER	409 S.B.	

3rd October, 1917.

W. Mark
for

Major, RA.,
Brigade Major,
IInd Anzac H.A.

Issued to :-

All Groups.
C.B.S.O.
R.A., IInd ANZAC.
N.Z. Division.
N.Z. Divnl. Artillery.
3rd Australian Division.
3rd Australian Divnl. Artillery.

SECRET.

IInd Anzac H.A. Instructions No.12.

On Attack Day the 9.2-inch guns will fire on the targets detailed below, from Zero plus 60 mins. to Zero plus 7 hours.

The rate of fire will be 6 rounds per gun an hour. The order of engaging the targets and the number of rounds put on each will be ordered by the Battery Commander. Fire should be irregular and special attention should be paid to ROULERS Station and dump.

Targets.

1. ROULERS Railway Station and Dump.
2. Road from ROULERS towards DE RUITER.
3. Cross Roads in X.14.a. to VIJFWEGEN to RUMBEKE.
4. Cross Roads at X.20.a.
5. KOEKUITHOEK.
6. BEYTHEM - especially railway Station, which is a detraining point and should be engaged at about, plus 5 hours.

S. Mead.

Major, R.A.,
for Brigade Major,
IInd Anzac H.A.

3rd October, 1917.

Issued to :-

- All Groups.
- C. B. S. O.
- R.A., IInd ANZAC.
- N.Z. Division.
- N.Z. Divisional Artillery.
- 3rd Australian Divnl. Artillery.
- 3rd Australian Division.

33/4426

IInd Anzac H.A. Instructions No. 1st A.

IInd Anzac H.A. Instructions No. 13 are cancelled and the following substituted :-

1. Group Commanders will make arrangements to push forward on S/T night a section of each of the following batteries to the positions selected by them :-

<u>C.B. Groups.</u>	1 60-pdr. battery. 1 6" how. battery.
<u>Bombardment Groups.</u>	2 6" how. batteries.

2. The sections should be taken from the rearmost batteries and the positions selected should not interfere with the movement forward of the heavier natures of batteries a day or two later.

Roads are being constructed from SPREE Farm along the valley East of the STEENBEEKE towards POBBERN CASTLE and also from C.30.d.00.50. to the C of CAMEL DRIVE, but these will not be available for a day or two.

The Southern area from CAMEL DRIVE to the railway should afford positions for all 9.2" batteries as the road is in fair order and the light railway already extends to BAVARIA HOUSE.

A large number of suitable positions can be found on each side of the WIELTJE - GRAVENSTAFEL road, between BRIDGE HOUSE and SPREE Farm.

Further reconnaissance should be made on the morning of the 4th, and fresh positions selected if necessary.

R.F.A. positions will not be available on the night of the 4th, but will probably be available in a day or two for heavier natures.

No sections will move forward till ordered from this office by telephone; code word "ADVANCE."

3. Wireless masts should be transferred from rear to front sections as soon as the latter are in action, and not before.

4. ACKNOWLEDGE by wire.

S. Mead

Major, RA.,
Brigade Major,
2nd Anzac Heavy Artillery.

3/10/17.

Issued to all H.A. Groups.

Copies to:-

R.A., IInd Anzac.
C. B. S. O.
N.Z. Division.
3rd Aus: Divn.
N. Z. D. A.
3rd Aus: D.A.

IIInd Anzac H.A. Instructions No. 14.Enemy Assembly Areas.

It is considered that the areas detailed below are likely assembly positions for the enemy's counter-attack troops:-

Should fire be required on any of these, a message worded thus "Enemy massing A.B.," etc., will be sent to H.A.Groups.

Bombardment Groups should have a set piece prepared for dealing with any of these points :-

- A. Area within D.10.d.9.8. - D.11.c.3.9. - D.11.c.7.1. - D.11.c.3.0.
- B. Area within D.11.a.7.1. - D.11.a.7.4. - D.11.c.2.8. - D.11.c.8.4.
- C. Area within D.17.central - D.17.b.6.6. - D.17.b.9.2. - D.17.d.2.7.
- D. Area within D.17.b.8.3. - D.17.b.9.9. - D.18.a.4.9. - D.18.a.4.4.
- E. Area within D.17.d.6.9. - D.17.b.9.2. - D.18.c.4.4. - D.18.c.0.2.
- F. Area within D.18.c.6.3. - D.18.c.9.6. - D.24.b.3.9. - D.24.a.9.7.
- H1. Area within D.17.a.5.9. - D.11.c.8.3. - D.17.b.2.9. - D.17.a.8.5.
- H2. Area within D.11.c.8.3. - D.11.d.2.7. - D.11.d.5.3. - D.17.b.2.9.
- H3. Area within D.17.a.8.5. - D.17.b.2.9. - D.17.b.5.5. - D.17.b.1.2.
- H4. Area within D.17.b.2.9. - D.11.d.5.3. - D.17.b.8.9. - D.17.b.5.5.

3/10/17.

S. Head.
Major, RA.,
Brigade Major,
2nd Anzac Heavy Artillery.

Issued to H.A.Groups.

Copies to:-

- R.A., II Anzac.
- C. B. S. O.
- N. Z. Division.
- 3rd Aus: Divn.
- N. Z. D. A.
- 3rd Aus: D.A.

SECRET.IIInd Anzac H.A. Instructions No. 15.

The 15" how. will fire on the following targets.

Rate will be at 1 round per 6 minutes :-

Zero to zero plus 20 (1)	Hamburg	Delay.
plus 20 to plus 40 (2)	DAB Trench	Delay.
Plus 40 to plus 80 (3)	Rebus at Koeselaarhoek (D.17.a.)	Delay.
plus 80 to plus 120 (4)	Hillside farm and mobus	100 and Delay.
plus 120 to plus 180 (5)	Rebus about Delle Vue and D.A.d.central	100 and Delay.
plus 180 to plus 200 (3)	Friesland and Luck Lodge.	100 and Delay

S. Mead

Major, RA.,
Brigade Major,
2nd Anzac Heavy Artillery.

3/10/17.

Issued to H.A. Groups.
Copies to:-

R.A., II Anzac.
C. B. S. O.
N.Z. Division.
3rd Aus: Divn.
N. Z. D. A.
3rd Aus: D. A.

SECRET.

IInd Anzac H.A. Instructions No.16.

S. O. S.

1. When an S.O.S.*Signal is received, all barrages will go down on their protective lines.
2. The normal S.O.S. instructions (H.A.No.32/9 of 2.10.17) will be modified from Zero until further notice, to the following extent :-
 - (a) The 10 60-pdrs detailed to the attack barrage will go down on the S.O.S. barrage and will not be available for C.B. work.
 - (b) D & E barrages will fire for two minutes on their protective lines, and then creep forward (Eastwards) for 500 yards by lifts of 100 yards every 2 minutes, jumping back to their protective lines for 2 minutes, and then ceasing fire.
3. If the S.O.S. signal or message is repeated during the 5 minutes before the barrage ceases, the procedure will be repeated.
4. These instructions are issued in order to avoid, as far as possible, any unnecessary expenditure of ammunition.
5. Groups ACKNOWLEDGE.

3rd October, 1917.

S. Mead.

Major, RA.,
Brigade Major,
IInd Anzac H.A.

Issued to :-

All Groups.
C. E. S. O.
H.A., IInd ANZAC.

IInd Anzac H.A. Instructions No. 17.

1. At 4.30 p.m. on "S" day the Protective Barrage will be put down, and will advance in lifts of 300 yards every 3 minutes until Barrage E reaches a line about E.2.c.00 - W.25.central (8 lifts) where it will remain till 5.3 p.m.
2. At 5.3 p.m. all barrages will jump back on to their original protective lines for 3 minutes, after which they will cease fire on their protective lines, and will continue the tasks on which they were previously engaged.
3. The 6" Guns will fire on the following billets and approaches from 4.30 p.m. to 5.10 p.m., after which they will continue their previous tasks :-

Rate - 1 round per gun per 4 mins.

- (a) 1 gun 409 S.B. on Wood in W.13.a. and W.13.c. (HEIDENGOED COPSE).
- (b) 1 gun 409 S.B. on WRANGLE FARM W.19.c.26. Farm at W.19.c.59. WHISK FARM at W.19.d.19. and road through W.19.
- (c) 1 gun 409 S.B. on Farm W.20.a.60. and road thence N.E.
- (d) 1 gun 434 S.B. on CALF COPSE and Farms at W.20.c.53. and 30. and on road running N.E.

In addition, 3 60-pdrs guns of the 13th H.A.G. will fire on :-

- (a) VIGIL FARM. V.18.c.89. - NET HEIDENGOED FARM V.18.d.28.
- (b) VULTURE HOUSE V.24.b.74,
VERSE Cott. V.24.b.25.
VENISON FARM. V.24.b.20.
- (c) WRATH FARM W.25.a.72. and road thence N.E.

Rate 1 rd. per gun per 2 minutes.

4. Rate of fire :

6" Hows. - 1 rd. per how. per 2 mins.

8+9.2" do - do -

5. Groups ACKNOWLEDGE.

4th October, 1917.

Cpl. Incent
Major, i.A.,
Brigade Major,
IInd Anzac H.A.

Issued to :- All Groups, C.E.S.O., i.A., IInd ANZAC, N.Z. Division,
N.Z. Div. Arty. 3rd Aus. Division, 3rd Aus. Div. Arty.

SECRET.IIInd Anzac H.A. Instructions No. 18.

1. From 1.30 a.m. till 2 a.m. on T day, the approaches to PASSCHENDAELE from the East, where they enter that village, will be subjected to a gas shell bombardment by all available 60-pdrs.

2. 4.5" Hows. are co-operating, N. and S. of the Church.

3. There will be three bursts of fire:-

From 1.30 - 1.36 a.m.
1.40 - 1.48 a.m.
1.54 - 2.00 a.m.

at a rate of 1 round per gun per minute.

4. During the first burst, 1 gun in each battery will fire H.E. or Shrapnel, and the remaining guns will fire P.S. only.

During the last two bursts all guns will fire P.S. only.

5. Northern C.B. Groups will gas area:-

D.6.d.4.5. -8.5. -8.8. -4.8.

Southern C.B. Groups will fire on area:-

D.6.d.4.2. -8.2. -8.5. -4.5.

M.P.I's. should be placed about 100% to windward of where the effect is desired.

6. If the wind is above 12 m.p.h. the bombardment will be cancelled, by telephone message "NAPOO."

7. Groups please ACKNOWLEDGE.

S. Mead

Major, RA.,
Brigade Major,
2nd Anzac Heavy Artillery.

4/10/17.

Issued to all H.A. Groups.
Copies to:-

R.A., II Anzac.
C.B.S.O., II Anzac.
3rd Aus: Divn.
N.Z. Division.
3rd Aus: D.A.
N. Z. D. A.
Chemical Adviser, II Anzac.

IIInd Anzac H.A. Instructions No.1f.

1. Fourth Stage. To-day's operations having been successful, the following additional instructions will be carried out in preparation for the fourth stage of the current operations.
2. Forward moves. (a) All moves of guns ordered in H.A. Instructions No.13a must be completed by 6 a.m. 6th inst.
- (b) Reconnaissances will be completed for the 9.2" and 8" How. positions and the remainder of those 6" How. and 60-pdrs. which are to be moved forward.
The positions should be prepared at once, and B.C.'s must be ready to move forward so as to be in their new positions by the night of Oct. 6th.
- (c) The 15" How. and the rear 12" load How. are to go forward as soon as possible, the latter to the line OXFORD - CAMBRIDGE road.
3. Mobile Group. (a) Arrangements are to be made for the immediate formation, when required, of a mobile Group, to consist of the batteries detailed in H.A. Instructions No.6 of 2-10-17; the horsed transport of 1 6" How. battery being provided by temporary interchange with a 60-pdr. battery.
- (b) The Group will be commanded by the O.C., 13th H.A.C., who will retain his own Headquarters. The remaining batteries of A. Group being attached, on the formation of the mobile group, to other groups.
- (c) The mobile group will be ready to move forward if required after the capture of the objective in the fourth (next) stage. It will be used primarily for C.B. work. It will be provided with two extra officers to act as Liaison Officers between H.A.G. Commander and the two Divisional Artilleries concerned. These officers are to be selected by the O.C., 13th H.A.C., from the subalterns in his present group.
- (d) The wagon lines for the Mobile Group will be brought up on the evening before ATTACK DAY to a forward area, so as to be ready to limber up at short notice.
4. On the evening of "T" day two bursts of fire as under will be carried out.
- As many guns and howitzers as possible will be employed and fire will be distributed in depth as shown below.
- 9.45 p.m. to 10 p.m. Silent period.
- 10 p.m. to 10.6 p.m. Standing barrages in the following order West to East A, B, D, E, 200 yards between barrages. Barrage "A" on a line 200 yards beyond its Protective line.
- 10.6 p.m. to 10.11 p.m. Silent period.

/continued

- 2 -

10.11 p.m. to 10.17 p.m. As above, except that Barrage "A" will be placed on a line 100 yards beyond its Protective line.

and

10.45 p.m. to 11.0 p.m. Silent period.

11.0 p.m. to 11.6 p.m. Standing barrages in the following order West to East A, B, D, E, 300 yards between barrages. Barrage "A" on a line 300 yards beyond its Protective barrage line.

11.6 p.m. to 11.11 p.m. Silent period.

11.11 p.m. to 11.17 p.m. As above except that Barrage "A" will be placed on a line 600 yards beyond its Protective barrage line. (Owing to the long range, Barrages "A" and "B" may have to be combined).

Dates of fire :-

6", 8", 9.2", 60-pdrs. - 1 round per gun per 2 minutes.

5. Two preparatory barrages will be carried out on "U" Day and two on "V" Day.

At 5.30 a.m. on "X" Day, there will be an Army Preparatory barrage. Details later.

6. Groups please ACKNOWLEDGE.

S. Wood.

Major, R.A.,
Brigade Major,
IInd Anzac H.A.

4th October, 1917.

Issued to :-

All Groups.
C. B. S. O.
R.A., IInd ANZAC.
N.Z. Division.
N.Z. Divnl. Arty.
3rd Australian Division.
3rd Australian Divnl. Arty.

PREPARATORY BARRAGES.

Reference H.A. Instructions No. 19 of yesterday; para: F :-

1. The Preparatory barrages will be carried out on V and W Days, and not on U and V Days, as therein stated.

The times will be :-

V Day

No. 1 - 6.10 a.m.

No. 2 - 4.0 p.m.

W Day.

No. 1 - 6.15 a.m.

No. 2 - 11.30 a.m.

2. The Army Preparatory Barrage will be at 5.30 a.m. on Y Day, not X Day.

3. Rates of fire :-

6-inch Hows - $2/3$ a round per gun per min.

8-inch Hows)
9.2-in Hows) $1/2$ round per gun per min.
60-pdrs.)

4. Diagrams will be forwarded; attention is drawn to H.A. Instructions No. 20 as to Starting line.

5. Groups concerned ACKNOWLEDGE.

5th October, 1917.

S. Head.

Major, RA.,
Brigade Major,
IInd Anzac H.A.

Issued to :-

All Groups.
R.A., IInd Anzac.
C. B. S. O.
N.Z. Division.
N.Z. Divnl. Arty.
3rd Australian Division.
3rd Australian Divnl. Arty.

SECRET.IInd Anzac H.A. Instructions No. 13 B.

In continuation of H.A. Instructions No.13, para: 2. :-

1. All forward moves of 60-pdrs, and 6", 8", and 9.2" hows. must be completed by the evening of 6th Oct. The remaining sections of these batteries ordered forward in H.A. Instructions No.13 A should be in their new positions by 6 a.m. on 6th Oct.
2. The 15" how. and 1 12" how. must be in their forward positions by the night of Oct. 7th.
3. The B.G.H.A. wishes to impress upon all concerned the urgent importance of the guns being got forward up to time. Group Commanders will please arrange the moves of their batteries without further orders, subject to the following :-
 - (a) The rear sections of batteries must not be put out of action till the forward sections are in action.
 - (b) Groups must notify this office as early as possible of the locations to be occupied (this is most important with reference to ammunition supply), and the approximate time of pulling out.
4. It is in the discretion of Group Commanders to move guns by day.

S. Head

Major, RA.,
Brigade Major,
IInd Anzac H.A.

5th October, 1917.

Issued to :-

All H.A.Groups.
R.A., IInd Anzac.
C. B. S. C.
N.Z.Division.
N.Z.Div. Arty.
3rd Aust. Division.
3rd Aust. Div. Arty.

SECRET.

APPENDIX

34/8³⁶

IInd Anzac H.A. Instructions No.20.

Starting line for barrages.

In future, in order to avoid confusion, all H.A. barrages will be referred, in orders and diagrams, to the H.A. S.O.S. starting line (or H.A. Protective line), i.e., the line put down by 6" Howa. (D line) on S.O.S.

B barrage (60-pdrs) is normally 200 yards ahead of D, but may be varied in orders.

The H.A. S.O.S. line at present is :-

D.4.a.7.9. - D.4.d.35.45. - D.11.central - D.18.c.6.5.

(as stated yesterday in H.A. No.32/12.)

5th October, 1917.

Major, RA.,
Brigade Major,
IInd Anzac H.A.

Issued to :-

- All Groups.
- R.A., IInd Anzac.
- C.B.S.O.
- N.Z. Division.
- N.Z. Divnl. Arty.
- 3rd Aust. Division.
- 3rd Aust. Divnl. Arty.

34/6

SECRET.IInd Anzac H.A. Instructions No. 21.O.P.'s.

1. Northern Double Group will establish a permanent O.P. at KOREK.
2. Southern Double Group will maintain a permanent O.P. at HILL 37, and establish another one at about JACOB'S HOUSE (D.21.a.)
3. R and Z. Groups will maintain permanent O.P.'s on HILL 37 and will arrange for visual communication with ABRAHAM HEIGHTS, where they will establish temporary O.P.'s.
4. S. and T. Groups will establish a permanent O.P. or O.P.'s in the neighbourhood of WINDMILL HILL. These Groups will make mutual arrangements as to maintenance of the line or lines from ZE.

S. Mack

Major, RA.,
 Brigade Major,
 IInd Anzac H.A.

5th October, 1917.

Issued to :-

All H.A. Groups.
 C. B. S. O.
 R.A., IInd ANZAC.

SECRET.IInd Anzac H.A. Instructions No.22.

1. Second and Fifth Army offensive operations will be resumed on X Day*(4th phase).
2. IInd ANZAC* will attack with 66th Division on the right and 49th Division on the left.
Each Division will attack on a front of two Brigades with one Brigade in reserve.
3. 1st ANZAC is co-operating on the right and XVIII Corps on the left.
4. The objective line is approximately - D.18.b.0.8. - D.12.c.6.3. - D.12.a.3.2. - D.5.c.6.0. - D.4.b.4.3. - D.4.a.30.65.
5. The Corps Northern boundary is unchanged; the Southern boundary will be the YPRES - ROULEHS Railway (inclusive to 1st ANZAC).
6. The following H.A. Instructions, dealing with the 3rd phase of the operations, will hold good for the next phase unless otherwise stated :-
 - No.3. - paras: 2, 3, 4, 5.
 - No.6. - paras: 2 (zone calls) and 3 (contact patrols).
 - No.8. -- paras: 2, 3, 4 (F.O.O's).
 - No.14. - (Enemy assembly areas).
 - No.16. - (S.O.S.).
7. Groups please ACKNOWLEDGE.

6th October, 1917.

S. Head
Major, RA.,
Brigade Major,
IInd Anzac H.A.

Issued to :-

All H.A.Groups.
R.A., IInd Anzac.
C.L.S.O.
21st Sqdrn., R.F.C.

SECRET.IInd Anzac H.A. Instructions No. 23.

1. The following is substituted for para: 1 of Instructions No. 5 of 1-10-17:-

From 8 am, 7th Oct. the boundaries of lanes will be as follows:-

		Southern boundaries
A.	- D.17.d.45.90.	- E.8.a.00.10.
B.	- D.17.b.15.20.	- E.8.a.00.57.
C.	- D.17.a.60.55.	- E.2.c.00.07.
D.	- D.17.a.50.90.	- E.2.central.
E.	- D.11.c.20.20.	- E.2.a.00.00.
F.	- D.10.d.92.57.	- W.26.c.50.00.
G.	- D.10.d.65.90.	- W.26.c.00.25.
H.	- D.10.b.40.25.	- W.26.c.00.70.
I.	- D.10.b.05.55.	- W.26.a.00.17.
J.	- D.10.a.75.90.	- W.26.a.00.65.
K.	- D.4.c.45.25.	- W.19.d.70.00.
L.	- D.4.c.15.57.	- W.20.c.00.60.
M.	- D.3.d.85.92.	- W.20.a.00.10.
Northern		
Boundary M.	- D.3.b.55.25.	- W.20.a.00.60.

2. The allotment of lanes is unaltered, and is as follows:-

6-inch Hows.

Southern D.B.Group - Lanes A to D inclusive.
 U.Group - Lanes F, G, H.
 X.Group - Lanes E & I.
 Northern D.B.Group - Lanes J to M inclusive.

(Note.- Above is for preparatory and operation barrages. For S.O.S. X. Group drops out to C.B. work, and Southern D.B.Group takes up Lane E, and Northern D.B.Group takes up Lane I.)

8" and 9.2" Hows.

Southern D.B.Group - Lanes A to C inclusive.
 U.Group - Lanes D to H inclusive.
 Northern D.B.Group - Lanes I to M inclusive.

60-pdrs.

S.Group - Lanes A to F
 R.Group - Lanes G to M

3. Groups please ACKNOWLEDGE.

6th October, 1917.

C. Head.
 Major, RA.,
 Brigade Major,
 IInd Anzac H.A.

Issued to :- All H.A.Groups, R.A., IInd ANZAC, C.B.S.O.,
 N.Z.Div., N.Z.D.A., 3rd Aus. Div., 3rd Aus. D.A.

SECRET.IIInd Anzac H.A. Instructions No. 2/.

1. Should the situation on X day after the capture of the Blue Line be such as to render a further advance practicable, it is intended to exploit success as follows:-
 - (a) The Reserve Brigades of the two attacking Divisions will push forward to the GREEN LINE (approximately the line E.7.c.8.5. - PASSCHENDAELE inclusive - VENTURE Farm inclusive - V.20.b.2.5.
 - (b) The 2nd and 1st Anzac Mounted Regiments (acting mounted or dismounted) will co-operate under the orders of their respective Corps. The 5th Cavalry Division will be prepared to follow up by making a further advance on the morning of Y day.
 - (c) Arrangements have been made to move the 3rd Australian and New Zealand Divisions by road and rail so as to be in a position to renew the attack on Y day.
2. In this event the Army Commander will fix a NEW ZERO.
3. At NEW ZERO minus 30 minutes, the BLUE Protective Barrage will re-open at slow rates while the Reserve Brigades close up to the barrage in time to advance at NEW ZERO.
4. At New ZERO hour, the BLUE Protective Barrage will increase to full barrage rates and at ZERO plus 4 will advance at a rate of 100 yards in 6 minutes - the infantry following.
5. A protective barrage will be formed in advance of the GREEN DOTTED LINE (approximately E.7.c.2.2. - GRUN inclusive - D.6.a.0.0. - V.29.d.3.3. - V.29.c.2.9.) during the halt on that line.

During this halt the H.A. of the Protective Barrage will bombard PASSCHENDAELE, using 106 fuzes as far as the position of the infantry permits; otherwise with delay action fuzes.
6. At NEW ZERO plus 90 minutes, the GREEN DOTTED protective barrage will lift and a main advance at a rate of 100 yards in 6 minutes. It will be followed by the Reserve Brigades which will capture PASSCHENDAELE and the GREEN LINE.
7. Groups please acknowledge.

J. W. Henderson

Brigade Major,
2nd Anzac Heavy Artillery.

7/10/17.

Issued to H.A. Groups.
Copies to:-

R.A., II Anzac.
C. B. S. O.
Left D.A.
Left Division.
Right Division.
Right D.A.

SECRET.

IInd ArMac H.A. Instructions No.25.

"X" Day Barrage.

1. The "Army Barrage Map" shows the lifts of Barrage A. The H.A. Barrage Map shows the lifts of Barrage D (6" Howa.).
2. The relative distances between barrages will be 200^x. The lifts of each barrage will be 100 yds.
 - (a) Until the barrage leaves the RED PROTECTOR :-
On the right Divsn. Front, the order will be -
A - B - D - E (8" & 9.2") - E (60-pdrs).
On the left Divsn. Front the order will be -
A - B - C - D - E (8", 9.2" & 60-pdrs).
 - (b) During and after leaving the RED PROTECTOR the order on both Divsn. Fronts will be -
A - B - C - D - E (8", 9.2" & 60-pdrs).
 - (c) The Boundary between Divisions will be from the corner of BERLIN WOOD, D.10.c.65.50. to D.10.b.5.0., thence along the River RAVEBEEK.
 - (d) The starting line for Barrage D will be :-
for Right Divsn. Front - D.10.b.58.05. - 17.b.60.00.
for Left Divsn. Front - D.4.a.00.48. - 10.b.66.85. - 10.b.95.22.
3. Rates of fire for barrages D and E will be :-

Zero to Zero plus 4	-	1 rd. per gun per min.
During the lifts to the RED PROTECTOR)	1 rd. per gun per 2 mins.
While on RED PROTECTOR)	1 rd. per gun per 3 minutes until Zero plus 102, and then 1 rd. per gun per min. for the last 4 minutes.
During the lifts to the BLUE PROTECTOR)	1 rd. per gun per 2 mins.
While on BLUE PROTECTOR)	1 rd. per gun per 3 mins.

H.B.- The above rates are made out on the assumption that the average No. of guns in howitzer batteries is 3. The rates must be increased by Groups for batteries which have less than 3 guns in action on ATTACK DAY.

/continued

4. O's C. Groups will arrange that dug-outs, strong points, etc., will be concentrated on and will receive a greater volume of fire than open country.

Each D.B.Group Commander has 2 6" how. batteries which should be used for these purposes, within their divisional areas.

5. 75 % of 106 fuzes will be used, if available.
6. During the period of the RED PROTECTOR, barrages D and E will move forward at 100 yard lifts every 2 minutes, commencing at Zero plus 60, for 1500 yards, and will then jump back on to the protective lines, remaining on these lines until Zero plus 100, when they will advance in front of Barrage A and the Infantry.
7. After the whole of the BLUE PROTECTOR has been formed, which will be at Zero plus 170, the following procedure will be adopted:-

Barrages D and E.

Zero plus 173	-	-	Commence advancing in lifts of 100 yds. every 3 minutes until -
Zero plus 218	-	-	STOP.
Zero plus 278	-	-	Reopen on their protective lines and make 15 lifts of 100 yards each in 3 minutes, and then
Zero plus 307	-	-	STOP.

During the periods marked 'STOP' guns may be used as required, but will re-open at once on the BLUE protector at S.O.S.

7. Groups ACKNOWLEDGE.

7th October, 1917.

S. Mead.
Major, RA.,
Brigade Major,
IInd Anzac H.A.

Issued to :-

All H.A.Groups.
R.A., IInd Anzac.
C. B. S. O.
N.Z.Division.
N.Z.Div.Arty.
3rd Aus. Division.
3rd Aus. Div.Arty.

SECRET.IIInd Anzac H.A. Instructions No. 25A.

Reference H.A. Instructions No. 25, paras: 6 and 7 :-

1. During the forward searches, i.e.:-

from Zero plus 60 to Zero plus 90.
 Zero plus 173 to Zero plus 218.
 Zero plus 278 to Zero plus 307.

the rate of fire will be 1 round per gun per 4 minutes.

2. During the halts on the Red and Blue Protectors, the rate will be 1 round per gun per 8 minutes, except from Zero plus 102 till Zero plus 106, when it will be 1 round per gun per minute. Para: 3 of Instructions No. 25 should be amended accordingly.

3. ACKNOWLEDGE.

[Signature]
 Major, RA.,
 Brigade Major,
 2nd Anzac Heavy Artillery.

8/10/17.

Issued to ... 25.

SECRET.IIInd Anzac ... Instructions No. 26.

1. Programme for X evening.
- On the evening of X day the following programme will be carried out :-
- 9.15p.m. to 9.30p.m. - Silent period. No fire except in case of enemy attack.
- 9.30p.m. to 9.36p.m. - Standing barrage in depth. 6" Hows. D barrage on H.A. S.O.S. line; 8" and 9.2" Hows. 200^x beyond D barrage; 60-pdrs. 400^x beyond D.
- 9.36p.m. to 9.41p.m. - Silent period.
- 9.41p.m. to 9.47p.m. - Standing barrage in depth. D barrage 1000^x beyond H.A. S.O.S. line; 8" and 9.2" Hows. 200^x beyond D; 60-pdrs. 400^x beyond D.
- Rates:-
- 6" Hows. 1 round per gun per min.
60-pdrs.)
8" & 9.2" Hows) 2/3rd rd. per gun per min.
- Guns and hows. of R, S and X Groups will participate in these barrages unless employed on C.B. work at the time; O.C. X Group superimposing his surplus guns on any lanes selected by him.
2. Barrage on Y day.
- (a) The barrage on Y morning will be at 4.45 a.m. and not 5.30 a.m. as previously stated.
- (b) Barrage D will start 300^x short of the H.A. S.O.S. line.
- (c) 8" and 9.2" hows. and 60-pdrs. will start 150^x beyond barrage D.
- (d) Pace- 100^x in 3 minutes.
- (e) Rate of fire and guns employed, as in para: 1.
- (f) Barrages will creep straight forward till Zero plus 48, when they will jump back on to a line through Dump in E.7.c. - GRUN - D.6.c.8.2. - GRAF WOOD - Dugouts in D.5.b.central - VINE COTTAGE. - VAPOUR FARM.
- (g) Cease fire Zero plus 51.

3.

ACKNOWLEDGE.

*S. Meach.*Major, RA.,
Brigade Major,
2nd Anzac Heavy Artillery.

7/10/17,

Issued to H.A. Groups. 4 BTYS.
Copies to: R.A., II Anzac, C.P.S.O., Left & Right Divisions
and Divisional Artilleries.

SECRET

2nd Anzac Heavy Artillery Instructions No.26A.

1. The rate of fire of the standing barrages at 9.30 and 9.41 p.m. on X day will be :-

6" Hows - 1 round per gun per 2 minutes.

8", 9.2" Hows,) 1 round per gun per 3 minutes, and not
60pdrs.)

as stated in H.A. Instructions No.26 of yesterday.

2. Groups acknowledge.

S. Mead.

Major, RA.,
Brigade Major,
2nd Anzac H.A.

Issued to H.A. Groups

Copies to:- R.A., 2nd Anzac.
C.B.S.O.
Right Division.
Left Division
Right D.A.
Left D.A.

SECRET.IInd Anzac H.A. Instructions No.27."X" Day Barrage.

In continuation of Instructions No.25 :-

1. The following amendments should be made :-
 Para: 2. (a) For "leaves" read "reaches".
 (d) Delete whole sub-para: "The Starting line for, etc."

Reference para: 1, no H.A. Barrage Map will be issued.

2. The "Army Barrage Map" issued yesterday shows the "A" Barrage starting line (extremities D.3.c.8.9. and D.17.a.55.00.), the "A" Barrage RED PROTECTOR (extremities D.3.b.8.4. and D.17.b.95.50.), and the "A" Barrage BLUE PROTECTOR (extremities D.4.a.60.80. and D.18.b.35.90.).

These lines may be straightened out slightly by Group Commanders, if necessary, in arranging their H.A. barrages.

3. The Northern boundary of lane M should be amended as follows to agree with the Army Barrage Map :-

D.3.central to D.4.a.0.5. to V.29.c.0.8. to V.30.a.0.8.

4. The dividing line between divisions may be taken as the line dividing lanes G and H.

5. On the formation of the BLUE PROTECTOR Barrage, C is superimposed on B and the formation will be,

C
 A - 200^x - B - 200^x - D - 200^x - E (9.2" & 8") - 200^x -
 E (60-pdrs).

This formation will be retained in the forward searches commencing at Zero plus 173 and Zero plus 278, and also on S.O.S., unless, and until, orders are received to revert to the normal formation. The reason is that the machine guns cannot reach the range for the normal barrage for the BLUE PROTECTOR.

6. Groups ACKNOWLEDGE.

*S. Mead.*Major, RA.,
Brigade Major,
IInd Anzac H.A.

8th October, 1917.

Issued to :-

All H.A. Groups.
 H.A., IInd Anzac.
 C. B. S. C.
 N.Z. Divn.
 N.Z. Div. Arty.
 3rd Aus. Divn.
 3rd Aus. Div. Arty.

Copies for BTXS (except T & Z)
only 2 BTXS of X Group
 " 3 " " R "
 " 3 " " S "

SECRET.IInd Anzac H.A. Instructions No. 28.

F.O.O's. 1. (a) The Southern Bombardment Group will detail a Major to proceed on X day to ABRAHAM HEIGHTS and establish communication with H.A. Headquarters through his Group or Double Group Hors.

He will send in reports of the general situation and be responsible for recommending the application of an increased number of batteries to C.B. work if the enemy's fire becomes troublesome.

(b) U and X Groups will each detail a F.O.O. to push forward to the neighbourhood of D.17.a. as soon as practicable.

2. Zone calls will be taken up as laid down for the last phase of the operations.

S.O.S. 3. The Artillery will not respond to an S.O.S. Signal from Zero minus 10 minutes to Zero, in order to avoid the possibility of the S.O.S. response being mistaken for the opening barrage.

4. Groups please AGNO LEDGE.

S. Head.

Major, R.A.,
Brigade Major,
2nd Anzac Heavy Artillery.

8/10/17.

Issued to H.A. Groups & BATTERIES
Copies to:
R.A., IInd Anzac.
C. B. S. O.
Left Division.
Right Division.
Left D.A.
Right D.A.

SECRET.

IIInd Anzac H.A. Instructions No. 28A.

Amendment to Instructions No. 28 of to-day:-

U Group will detail a F.O.O. to push forward from LORETT,
and not to D.17.a.

Southern Double Bombardment Group will detail a F.O.O. to
push forward to the neighbourhood of D.17.a., in addition
to detailing the Major to ABRAHAM HEIGHTS.

8/10/17.

S. Head.
Major, R.A.,
Brigade Major,
2nd Anzac Heavy Artillery.

Issued to recipients of Ins. 28.

SECRET.IIInd Anzac H.A. Instructions No. 29.

Counter-
battery
boundary.

1. The Counter-Battery Southern Boundary will be an East and West Grid line through E.19. central. The Northern Boundary will remain as at present (Artillery Instructions No. 1, para: 7).

Inner and
outer
lines.

2. After the Infantry have captured the Blue Line, the enemy country will be divided into an inner and outer zone for the purpose of zone calls and harassing fire.

Dividing
line.

3. The dividing line between the inner and outer zones will be through V.30. central - E.1. central - E.8. central - thence down the North and South grid line to the Southern Counter-Battery Boundary.

The Heavy Artillery will be responsible East of this line.

4. Harassing fire will be carried out within the Corps Boundaries, but zone calls must be answered within the limits of the Counter-Battery area.
5. Groups please acknowledge.

S. Head.

Major, RA.,
Brigade Major,
2nd Anzac Heavy Artillery.

8/10/17.

Issue to H.A.Groups.
Copies to:-
R.A., II Anzac.
C.B.S.O., II Anzac.
Right Division.
Left Division.
Right D.A.
Left D.A.

SECRETIInd Anzac H.A. Instructions No. 30.

1. The following are the tasks for the 15-in How. on X Day :-
rate - 10 rds. per hour.

Zero to Zero plus 20 - Group of Mebus at D.12.a.1030.
Zero plus 20 to Zero plus 40. - CREST FARM.
Zero plus 40 to Zero plus 100. - PASSCHENDAELE and ENLIST FARM
E.1.c.71. group of Batteries.
Zero plus 100 to Zero plus 218. - Railway Station in E.7.b.
106 fuzes.
Zero plus 278 to Zero plus 307. - VINDICTIVE Cross Roads V.30.d.
106 fuzes.

2. The following are the tasks for 6-inch Guns :-

rate - 10 rounds per hour per gun.

Zero to Zero plus 307. - 1. LENIN Road from KOELENEBERG to 434 S.B.
CHELUWE.
2. VIERKAVENHOEK and Railway to S.W. 434 S.B.
3. Roads from ROODKRUIS to de RUITER 409 S.B.
and OOSTNIEUWERKE.
4. Road from KALVE to de RUITER. 409 S.B.
5. Road from W.21.c.0.2. to de RUITER 409 S.B.

3. The following are the tasks for the 9.2-inch guns :-

rate - 5 rounds per hour per gun.

Zero plus 60 to Zero plus 307 - 1. ROULERS Railway Station.
2. Railway from ROULERS to X 7.
Distribution of fire to be settled by Battery Commander. 3. ROULERS - de RUITER Road.
4. ROULERS - STEENOVENHOEK Road.
5. Cross Roads at X.14.a..
6. Cross Roads at X.20.a..

W. M. M. M.

Major, R.A.,
for Brigade Major,
IInd Anzac H.A.

5th October, 1917.

Issued to :- All H.A. Groups, I.A., IInd ANZAC, C.B.S.O.,
S.Z.Divn., E.Z.D.A., 3rd Aus, Divn. 3rd Aus, D.A.

SECRET.Copy No. ¹⁵.....IIInd Anzac Heavy Artillery Order No. 11^c.

8th October, 17.

1. Reference II Anzac H.A. Instructions No. 22 of 6/10/17 :-

Zero Day will be 9th Oct.Zero Hour will be 5.20 AM

2. ACINO LEDGE.

*S. Meach*Major, RA.,
Brigade Major,
2nd Anzac Heavy Artillery.Issued at 2 p.m. to:-

Copies 1-12	H.A. Groups.) For information.
13	C.E.S.O.	
14	R.A., II Anzac	
15	War Diary.	
16	File.	

Ind Anzac H.A. INSTRUCTIONS No. 31.Z Day.

1. Army Barrage. (a) There will be an Army Preparatory Barrage at F.O a.m. on Z Day.
- (b) X, E & S Groups will not be employed on the barrage.
- (c) Barrage D will start 100% short of the H.A. S.O.S. line, and Barrage E will start 150% beyond D.
- (d) Pace - 100% in 3 minutes.
- (e) Barrages will creep straight forward till Zero plus 48 when they will jump back on to a line through Dump in E.7.c. - GRUM - D.F.c.8.2. - CHAF WOOD - dug-outs in D.5.b.central - VINE Cottage - VAPOUR Farm.
- (f) Cease fire Zero plus 51.
- (g) Rate of fire, all natures, 1 round per gun per 3 minutes.
2. C.B. Work. From 4.30 a.m. to 5.30 a.m., neutralization of hostile batteries will be carried out under instructions from the C.B.S.O., as for an attack.
3. Corps Barrage. (a) At 4.30 p.m. on Z day there will be a Corps preparatory barrage in accordance with diagram marked 'Z.'
- (b) Rate of fire, all natures, one round per gun per 3 mins.
- (c) 2 6" how. batteries of X Group, and 5 60-pdr. guns from each of R and S Groups will be employed on this barrage.

A Day.

4. Silent Periods. (a) Silent periods and bursts of fire will be carried out as follows:-
- | | | |
|-----------|--------------------|--------------------------------|
| and | | |
| Standing | 10.0 - 10.15 p.m. | Silent period. |
| Barrages. | 10.15 - 10.21 p.m. | Standing barrage in depth. D |
| | | barrage on H.A. S.O.S. line; |
| | | 8" and 6.2" - 200% beyond D; |
| | | 60-pdrs. - 400% beyond D. |
| | 10.21 - 10.26 p.m. | Silent period. |
| | 10.26 - 10.32 p.m. | Standing barrage in depth. E |
| | | barrage 1000% beyond H.A. |
| | | S.O.S. line; 8" and 6.2" hows. |
| | | 200% beyond D; 60-pdrs. 400% |
| | | beyond D. |
- (b) The C.B. 6" hows. and 60-pdrs. mentioned in 3 (c) above will participate.
- (c) Rates of fire:-
- | | | |
|------------|-----|-----------------------------|
| 6" hows. | ... | 1 rd. per gun per minute. |
| 60-pdrs. | } | ... |
| 8" hows. | | |
| 6.2" hows. | | |
| | | 2/3 rd. per gun per minute. |

/continued.

B Day.

5. Army
Barrage.
- (a) Zero hour - 5.15 a.m.
 - (b) The C.B. 6" hows. and 60-pdrs. mentioned in para: 3 (c) above will participate.
 - (c) Barrage D will start 100^x short of H.A. S.O.S. line - 6" and 8.2" hows. and 60-pdrs. 150^x beyond D.
 - (d) Pace 100 yds. in 3 minutes.
 - (e) Barrages will creep straight forward till zero plus 48, when they will jump back on their own protective lines for 3 minutes, ceasing fire at zero plus 51.
 - (f) Rate of fire, all natures, 1 round per gun per 3 minutes.
6. Groups please acknowledge.

10/10/17.

S. Mead.
Major, RA.,
Brigade Major,
2nd Anzac Heavy Artillery.

Issued to H.A. Groups.

Copies to:-

- H.A., II Anzac.
- C.B.S.O., II Anzac.
- Right Division.
- Left Division.
- Right Div. Arty.
- Left Div. Arty.

IIInd Anzac H.A. Instructions No. 32.

- Fifth Phase.** 1. On A day, at a zero hour, the IIInd Anzac will resume operations (5th phase) in conjunction with the rest of Second Army and the Fifth Army.
- Attack- ing Div- isions.** 2. The IIInd Anzac will attack with two Divisions, the 3rd Australian Division on the Right and the New Zealand Division on the Left.
- Object- ive.** 3. Intermediate and final objective lines have been provisionally fixed as follows:-

Red Line D.18.b.0.8. almost straight to V.28.c.8.2.

(Red F.A. protector- D.18.b.35.90. almost straight to D.28.d.15.35).

Blue Line. E.7.c.15.20. - GRUN inclusive - CREST Farm inclusive - GRAF Wood at D.6.c.20.85. - D.5.b.6535 - V.29.d.35.20. - VANITY House inclusive - VAPOUR Farm inclusive.

(Blue F.A. protector- E.7.c.5.4. - E.7.a.25.00. - D.6.d.05.15. - V.29.d.75.45. - V.29.a.40.00).

Green Line. E.7.d.05.75. - ENLIST Farm inclusive - EXERT Farm inclusive - W.25.c.10.20. - V.30.a.20.10. - VENTURE, VIRTUE and VIRILE Farms all inclusive.

(Green F.A. protector- 150^x to 200^x beyond Green Line and parallel to it).

Green Dotted Line.

Flattens Green Line by cutting across from ENLIST Farm to VENTURE Farm (including both).

(Green Dotted F.A. protector- about 200^x beyond and parallel to Green Dotted Line).

- Bound- aries.** 4. Corps and Divisional boundaries are approximately unaltered.

- For- mation of barrage.** 5. (a) The barrage will be put down in the normal formation-
A - 200^x - B - 200^x - C - 200^x - D - 200^x - E.

(b) This formation will hold good until reaching the Blue protector; except that, in lanes E, F, G and H, Barrage E will maintain a distance from barrage D of 100^x instead of 200^x while advancing through PASSCHENDAELE, i.e., during the advance from the Red to the Blue Protector.

(c) On reaching the Blue protector the formation will be changed to:-

A - 200^x - B - 200^x - D - 200^x - E (8" and 9.2") - 200^x - E (60-pdrs).

The barrage will remain in this formation during the advance to the Green Protector, while on the Green Protector, and on S.O.S.

/continued

Treat-
ment of
PASSCHEN-
DAELE.

6. During the advance of the barrage through PASSCHENDAELE an increased number of guns and hows. will be placed on lanes E, F, G & H. A proportion of the Heavy Artillery will also bombard PASSCHENDAELE from Zero hour onwards. Details will be sent later.

Forward
Searches.

7. (a) During the Red, Blue and Green dotted protectors, Barrages will advance in lifts of 100^x every 3 minutes for 15 minutes, after which they will jump back on to their Protective lines and STOP until ten minutes before the barrage is timed to advance again, when they will re-open on their protective lines.

(b) Three minutes after the Green Protector has been finally formed, barrages D & E will advance at 100^x lifts every 3 minutes for 15 lifts, after which they will STOP.

Rates of
fire.

8. Rates of fire for barrages D & E :-

Zero to plus 4 - 1 rd per gun per 2 minutes.
4 to 8 - 1 " " " " 1 minute.

During the advance of the)
infantry to the Red, Blue) 1 rd per gun per 2 mins.
Green dotted and Green)
lines.)

While standing on the Red)
Blue, Green dotted and) 1 rd per gun per 3 mins.
Green protector.)

While searching forward)
from the Red, Blue, Green) 1 rd per gun per 3 mins.
dotted and Green lines.)

S. Mead.

Major, RA.,
Brigade Major,
IInd Anzac H.A.

10th October, 1917.

Issued to :-

All H.A. Groups.
C.B.S.O.
R.A., IInd ANZAC.
N.Z. Divnl. Artillery.
3rd Aust. Divnl. Artillery.

SECRET.IInd Anzac H.A.
No. 34/29.

(1) The following change in the boundaries of lanes (ref. IInd Anzac H.A. Instructions No.23) will come into force at noon on Z Day.

(2) The Southern boundary

		of lane	A	is through	D.16.d.90.00	and	E.8.a.00.18.
"	"	"	B	"	D.17.c.00.56	"	E.3.c.00.70.
"	"	"	C	"	D.17.a.00.08	"	E.1.d.70.00.
"	"	"	D	"	D.17.a.00.57	"	E.2.c.00.69.
"	"	"	E	"	D.10.d.85.00	"	W.26.d.10.00.
"	"	"	F	"	D.11.c.00.57	"	E.2.a.00.68.
"	"	"	G	"	D.11.a.00.05	"	W.26.c.00.42.
"	"	"	H	"	D.11.a.00.55	"	W.26.c.00.92.
"	"	"	I	"	D.4.d.90.00	"	W.26.a.00.43.
"	"	"	J	"	D.4.c.94.00	"	W.26.a.00.93.
"	"	"	K	"	D.4.c.00.00	"	W.19.d.20.00.
"	"	"	L	"	D.4.c.00.51	"	W.25.a.00.88.
"	"	"	M	"	E.4.a.00.00	"	W.19.c.00.38.
"	Northern	"	M	"	D.4.a.00.51	"	W.19.c.00.90.

(3) The allotment of lanes to Groups is unaltered.

(4) Groups please ACKNOWLEDGE.

S. Meud.

Major, RA.,
Brigade Major,
IInd Anzac H.A.

10th October, 1917.

Issued to :-

All H.A.Groups. + PTYS.
R.A., IInd ANZAC.
C.B.S.O.
N.Z.Division.
N.Z.Divn. Arty.
3rd Aust. Divn.
3rd Aust. Divn. Arty.

IInd Anzac H.A. Instructions No. 33.

1. From Zero plus 454 onwards the 60-pdrs released from the barrage will harass the following roads, to their limit of range :-

Rate 5 rounds per hour per road:

13th H.A.G.

1. Road from W.19.c.73. to ROODKRUIS thence to OOSTNIEUWKERKE and PLAYERS Cross roads at D.16.a.5090.
2. Road from W.26.a.08. to W.21.central via TONKSEY Farm at W.22.a.6095. to WILLS Corner at D.16.d.6085.
3. Road via KALVE to D.16.d.6085.

42nd H.A.G.

4. Road from W.26.c.08. to W.21.central.
5. Road from E.2.a.00. to (W.26.d.55.) to W.27.b.0065.
(W.26.d.2590.)
to MAGERMEIRIE (D.22.c.).
6. Railway from E.2.c.70. eastward.

2. In addition to above, fire will be supplemented on the nearer portions of above roads as follows:-

One 6-inch How. per road - 106 fuzes,
Rate - 5 rounds per hour per road.

Northern Double Group - Roads 1 and 2.
16th H.A.G. - Roads 3 and 4.
Southern Double Group - Roads 5 and 6.

3. The 6-inch guns of 409 S.B. will fire on the following tasks from Zero onwards :-

(a) 1 gun on RHEIN Road between CHELUWE and KOELENBERG.

(b) Remaining guns
/searching in alternate periods the YPRES - ROULERS railway from E.3.a. eastward (paying especial attention to turntable at W.27.d.42. and VIEUX Crossing) and the ROODKRUIS - OOSTNIEUWKERKE and ROODKRUIS - ROULERS roads to limit of range.

Rate - irregular fire, 10 rds. per hour per gun.

4. The 9.2" guns of 363 S.B. will fire at the following targets from Zero onwards: distribution of fire to be settled by Battery Commander :-

Rate - 5 rounds per gun per hour -

1. ROULERS railway Station.
2. Western exits of ROULERS.
3. MULLBEKE and western exits.

5. Groups ACKNOWLEDGE.

11th October, 1917.

W. Mack
Major, RA,
Brigade Major,
IInd Anzac H.A.

Copies to :- All Groups, IInd Anzac, C.D.S.O., N.Z.Div., N.Z.D.A.,
3rd Aus. Div., 3rd Aus. D.A.

SECRET.Ind Anzac H.A. Instructions No. 34.1. Barrage Time Table.

Reference Instructions No. 30 of yesterday, the Barrage Time Table is as follows for Barrage D:-

* 0	to	72	...	Advance to Red Protector.
* 72	-	75	...	Stand on Red Protector.
* 75	-	90	...	Search forward from Red Protector.
* 90	-	93	...	Stand on Red Protector.
* 93	-	170	...	STOP.
170	-	180	...	Stand on Red Protector.
180	-	252	...	Advance to Blue Protector.
252	-	255	...	Stand on Blue Protector.
255	-	270	...	Search forward from Blue Protector.
270	-	273	...	Stand on Blue Protector.
273	-	290	...	STOP.
290	-	300	...	Stand on Blue Protector.
300	-	364	...	Advance to Green Dotted Protector.
364	-	367	...	Stand on Green Dotted Protector.
367	-	382	...	Search forward from Green Dotted Protector.
382	-	390	...	Stand on Green Dotted Protector.
390	-	406	...	Advance to Green Protector.
406	-	409	...	Stand on Green Protector.
409	-	454	...	Search forward from Green Protector.
454			...	STOP.

2. The starting line for Barrage A will be
3. R and S Groups will each detail 5 60-pdr. guns to the barrage.
X Group will detail 2 6" how. batteries to the barrage.
4. (a) During certain periods, as shown in schedule A, a number of hows. will engage PASSCHENDAELE and strong points in the vicinity.
(b) After 454, 60-pdrs. from the barrage will go to road searches (Instructions No. 33).
(c) After 454, a proportion of the barrage hows. will go to road searches (Instructions No. 33).
The 6" hows. of X Group will go to C.F. work.
The remaining hows. will be available for tasks as required.
5. During the advance of the Barrage through PASSCHENDAELE, i.e., from 180 to 244, Southern D. Group will super-impose 2 8" or 9.2" hows. on Lane F, and Northern D Group will super-impose 2 8" or 9.2" hows. on Lane G. Each Double Group will also super-impose one 6" how. battery on lanes E and H respectively.
6. Special attention is to be paid during the barrage to strong points, mebus, etc.

/continued.

7. The instructions for answering Zone Calls will be as in previous phases.
8. The rate of fire for S.O.S. will be one round per how. or gun per 2 minutes.
9. Groups please ACKNOWLEDGE.

S. Inwood

Major, RA.,
Brigade Major,
2nd Anzac Heavy Artillery.

11/10/17.

* Subject to alteration.

Issued to H.A.Groups.

Copies to:-

R.A., 1Ind Anzac.

C.E.S.O.

New Zealand D.A.

3rd Australian D.A.

SECRET.IInd Anzac H.A.SCHEDULE A.

1. The following targets as detailed below will be engaged.

Zero to Zero plus 170.	a. PASSCHENDAELE from D.6.c. 8590 to D.6.a.4015. and D.6.a.8055. Especial attention being paid to houses and dug-outs at D.6.a.7847. and D.6.a.8510.	Two 8" or 9.2" hows to be detailed by 62nd HAG	1 rd per how. per 5 mins quickening for last 10 mins.
	b. PASSCHENDAELE from Church to D.6.c.8590.	Two 8" or 9.2" hows to be detailed by 16th HAG.	- do -
Zero to Zero plus 315.	c. EXERT Farm	191 S.B. (2nd HAG)	10 rounds per target per hour.
	d. EXERT Copse.	- do -	

N.B.- Hows. engaged on targets (a) and (b) will return to barrage at Zero plus 170.

2. The following are the tasks for the 15-inch How. of 12 R.M.A.:

Time	Target	Fuze	Rate.
Zero to Zero plus 180.	PASSCHENDAELE from Church to D.6.b.4.7.	106 & delay.	1 round per 10 mins.
Zero to Zero Zero plus 180 to Zero plus 196.	- do -	Delay only	"
Zero plus 196 to Zero plus 300	Dug-outs and houses at E.1.c.4570.	Delay only	
Zero plus 300 to Zero plus 324.	Strong point at W.25.c.45.	106	
Zero plus 324 to Zero plus 348.	- do -	Delay.	
Zero plus 348 onwards.	WHISK Farm.	106 only	

Especial attention to be paid to houses and dug-outs at D.6.b.45.55 and D.6.b.35.15.

/continued

- 8 -

3. Following are the tasks on A Day for the 12" Hows of 85 S.B. :-

Time	Task	Fuze	Rate.
Zero to Zero plus 56.	PASSCHENDAELE Church to D.12.a.97.	106 and Delay.	1 round per gun per 8 mins.
Zero plus 56 to Zero plus 180.	- do -	Delay.	
Zero plus 180 to Zero plus 188.	PASSCHENDAELE Church and Square only.	106	
Zero plus 188 to Zero plus 196.	- do -	Delay.	

Gilman

Major, H.A.,
for Brigade Major,
IInd Anzac H.A.

11th October, 1917.

Issued to :-

- H.A., IInd ANZAC.
- File.
- All H.A.Groups.
- C.B.S.O.
- 1st Anzac H.A.
- XVIII Corps H.A.
- 3rd Aust. Division.
- N.Z.Division.

SECRET.

Amendments to H.A. Instructions No. 34 of to-day.

Para: 1

For	"0	to	72	read	"0	to	84."
	72	-	75	..	84	-	87.
	75	-	80	..	87	-	82.
	80	-	83	..	82	-	85.
	83	-	170	..	85	-	170."

Para: 2

Should now read-

"The starting line for barrage A will be (for purposes of fixing the starting for barrage D) as shown on the tracing sent out with Army Barrage Map (A day), except for lanes A, B, C and D. The O.C., Southern Double Group will decide, in consultation with the Right Division, the starting line for barrage D on these lanes.

Para: 5

Delete whole para.

S. Hand

Major, RA.,
Brigade Major,
2nd Anzac Heavy Artillery.

11/10/17.

Issued to recipients of Ins. 34.

SECRET.

2nd Anzac H.A.
No. 34/A.

Reference H.A. Instructions No. 34 of to-day,

para 3 :-

All 60-pdrs will now be employed on C.B. work from Zero onwards, and no 60pdrs will be on the barrage.

R and S Groups will each detail 3 60pdr guns to search roads from 454 onwards.

11/10/17.

S. Head.

Major, RA.,
Brigade Major,
2nd Anzac H.A.

Issued to recipients of Ins.34.

SECRET

IInd Anzac H.A. Instructions No. 35.

1. From 17th October onwards, observed systematic bombardment and wire cutting on all enemy strong points will take place.
2. Double Group Commanders will arrange these bombardments, in their own Group lanes only, in consultation with Divisions, sending in daily programmes so as to reach this office by 6.p.m. on the day previous.
Tasks for U. Group, which is not in close touch with Divisions, will be detailed from this office.
N. Double Group will pay special attention to MEETCHEELE and to the defensive works in D.4.d. (BELLE VUE).
3. PASSCHENDAELE will be systematically bombarded for destruction and will be kept under fire by night for the prevention of repair. Details will be arranged from this office.
In addition, U. Group will continue to keep PASSCHENDAELE under fire during hours of visibility, to prevent ^{enemy} observation of our batteries.
4. For the purposes of harassing and isolating fire on enemy approaches and back areas, the boundary between the Inner (Divnl. Arty.) and Outer (Heavy Arty.) zones will be the line through V.29.central, D.6.central, E.7.central.
5. Attention is again directed to the necessity for protecting ammunition from weather.
6. Groups ACKNOWLEDGE.

S. Ineart.

Major, R.A.,
Brigade Major,
IInd Anzac H.A.

15th October, 1917.

Issued to :- All H.A. Groups.
R.A. IInd ANZAC.
C.B.S.C.
N.Z. Divn.
H.Z.D.A.
3rd Aus. Divn.
3rd Aus. L.A.

SECRET.IInd Anzac H.A.
No. 30/19.All Groups & Blys

There will probably be a pause of some days duration before the next operation, and during this period every effort must be made to push batteries as far forward as possible.

No traffic of any sort, except supplies, will be allowed on the roads until the 15th inst., and no movements will be carried out then without reference to this office.

It is urgently necessary to reduce the congestion of batteries near BAVARIA HOUSE and the Counter-Battery Groups must arrange to move all their 6-inch how. batteries from this area to the neighbourhood of D.26.a. and b.

The following batteries will be moved forward to this area :-

4 6-inch how. batteries	X. Group.
2 6-inch how. batteries	S. Group.
1 6-inch how. battery	T. Group.
1 9.2-inch how. battery	Z. Group.

The following positions are reserved for X. Group :-

D. 26. a. 18.30. - 20.08.

D. 26. a. 55.55.

D. 26. a. 50.40.

D. 26. b. 27.40. - 27.16.

The following are the pin points of positions being vacated :-

1.	C. 30. d. 10.29.
2.	C. 30. a. 50.70.
3.	C. 30. d. 29.60.
4.	C. 30. d. 07.71.
5.	I. 6. b. 42. 13.
6.	I. 6. b. 14.46.

/continued

- 2 -

7. C. 30. c. 90.70.
8. C. 30. c. 80.30.

It is suggested that positions 3 and 4 should be occupied by S/2 and S/9 and positions 1 and 2 by M/2 and U/4 respectively.

All 60-pdrs, 6-inch, 8-inch and 9.2-inch batteries must be East of a line C.17.central to I.6.central.

Positions for 12-inch hows. and 6-inch guns must be found along the CAMBRIDGE or OXFORD Road.

All positions must be reconnoitred at once. No reliance can be placed on h.F.A. positions becoming vacant.

As soon as the roads are open, arrangements must be made to start work on preparing forward positions, establishing ammunition dumps, etc.

286 Siege will be transferred to S. Group as S/3.

57 Siege will be transferred to W. Group as W/2.

Change of command to take place at 12 noon 14th instant.

The plank road from C.30.d.15.60. is being extended to BRIDGE HOUSE and will be in constant use.

C's.C. Groups must arrange that no battery will be within 200 yards West of the road or within 10 yards East of the road, so as to ensure traffic not being interfered with by artillery fire.

13th October, 1917.

Gillman
Major, RA.,
for Brigade Major,
IInd Anzac H.A.