

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

Artillery

cor
Item number: 13/32/1

Title: Headquarters, 4th Australian Field
Artillery Brigade

September 1915 - July 1916



AWM4-13/32/1

WAR DIARY

Carbon copies of extracts of this diary
may also be located at :-

PR 82/155

April 1916-May 1919

AWM file 419/26/22

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TELEGRAPHIC ADDRESS:
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"STRALIS. LONDON."
TELEPHONE:
VICTORIA 8860 (8 LINES).

AUSTRALIAN IMPERIAL FORCE.

Administrative Headquarters, A.I.F.

130, HORSEFERRY ROAD,

LONDON, S.W.

29
~~28th~~ August, 1916.

The Secretary,
Department of Defence,
Melbourne.



Herewith I forward Confidential War Diary
for the 4th Field Artillery Brigade, A.I.F., from the
23/9/15 to the 10/7/16 inclusive, also Operation Orders.

H. J. Bunker

for Colonel,
Commandant,
Administrative Headquarters,
A.I.F., London.

H.

D.A.G. 3rd Ech. B.F.F.

Herewith copy of war diary
up to 10.7.16 the date on
which I became adjutant.

The previous entries in the
war diary were not signed
& were brief & abrupt as will
be seen from this copy.

The copy dealing with our share in the
SOMME is being forwarded.

14.8.16

J.H. Perryman Capt

Adj 4th F.A.B.

P.S.

A copy of Operation orders
dealing with operations
at ARMENTIERES.

These have no appendix or
reference numbers in the War
Diary as they should have.

On 10.7.16 Lt Col. WATTS took
over command of the Bde & I
became adjutant & these orders
refer to previous period.

J.H.P.

Date	Place and Time.	4 th F.A. Brigade A.I.F.	Remarks or References to Appendices, &c., attached.
23.9.15	MELBOURNE	Unit was formed & went into camp at ALBERT PARK.	
18.11.15	do	Unit embarked for active service abroad on A.M.A.T "WILTSHIRE"	List of officers attached to
12.12.15	SUEZ	arrived at SUEZ EGYPT.	this sheet.
15.12.15	do	Disembarked & proceeded to AERODROME CAMP, HELIOPOLIS, near CAIRO.	<u>A.P.P. I.</u>
24.12.15	HELIOPOLIS	4 th F.A. Bde. moved to TOURA about 9 miles S. of CAIRO on the side of the NILE near MAADI.	
16.12.15	HELIOPOLIS	Lt-Col GRIMWADE admitted to No 1 AUS. GEN. HOSPITAL	
8.1.16	TOURA	During the absence of Lt-Col GRIMWADE Major W.S. DAVIDSON commanded the Brigade. Capt. O.F. DIXON commanded	

Date	Place and Time.		Remarks or References to Appendices, &c., attached.
8.1.16	TOURA	The 10 th Battery vice Major W.S.S.	
		DAVIDSON & Lieut R.E.FANNING as adjutant vice Capt O.F. DIXON	
16.1.16	TEL-EL-KEBIR 3p.m.	The 1 st & 2 nd AUSTRALIAN DIVS were reviewed by Sir A. MURRAY, G.O.C. M.E.F.	
31.1.16	do.	Lt-col GRIMWADE returned to duty & resumed command of the 4 th F.A. Bde.	
3.		MAJOR W.S.S. DAVIDSON 10 th Bty. CAPT. O.F. DIXON ^{adjt} Lieut R.E.FANNING orderly officer.	
3.3.16		Major W.S.S. DAVIDSON took over command of 2 nd D.A.C. Capt. O.F. DIXON took over command of 10 th Bty.	

Date	Place and Time.	4 th F.A. Bde A.I.F.	Remarks or References to Appendices, &c., attached.
	3.3.16	Lieut. R.E. FANNING transferred to 5 th F.A. Bde	
		Lieut. W.L. FANNING appointed adjutant temporarily	
FERRY POST	5.3.16	Gunnery personnel & officers proceeded to FERRY POST for service practice on the E. of CANAL defences.	
	4.3.16	19 th Bty formed. Capt. ST CLAIR	
TEL-EL-KEBIR	8.3.16	Lieuts JENKINS & DAVIDSON transferred to 22 nd How Bde	
	8.3.16	2 nd & 3 rd reinforcements arrived & a new Bde Amm. Column was formed in place of the old one which formed the 19 th Bty.	
		Lieut. F.H. BERRYMAN was appointed to command & organize the new Bde Amm. Column	

Date.	Place and Time.	4 th F.A. Bde. A.I.F.	Remarks or References to Appendices, &c., attached.
	12.3.16	Lieuts. SCOTT, CULLEN & CHASE, transferred	
TEL-EL-KEBIR		to 5 th Aus. Div ⁿ .	
	13.3.16	Brigade entrained for ALEXANDRIA	
ALEXANDRIA	14.3.16	Brigade embarked on transports "MINNEAPOLIS" & "KNIGHT OF GARTER"	
MARSEILLES	20.3.16	Brigade disembarked in FRANCE at MARSEILLES & camped for the night at ANGLAIS CAMP FOURNIER.	
	21.3.16	Brigade entrained en route to HARVE	
23.3.16	HARVE	Arrived at HARVE	
28.3.16	do.	Proceeded by train to THIENNES	
29.3.16	LYNDE	Brigade dis-entrained at THIENNES & BERGUETTE & marched to LYNDE. Belleted at LYNDE	

Date.	Place and Time.	4 th F.A.B. A.I.F.	Remarks or References to Appendices, &c., attached.
31.3.16	LYNDE	Detached C.O., 2 officers & 30 other ranks per battery to proceed for instructions at PLOEGSTREEK in the firing line.	
8.4.16	ARMENTIERES	Right Sections of batteries of 4 th F.A.B. relieved Right Sections of Batteries of 175 th F.A. Bde. R.F.A.	
9.4.16	do	Left Sections relieved corresponding Left Sections	
10.4.16	do	The Bde Amm. Column arrived at ARMENTIERES At 10 a.m. Lt-Col. GRIMWADE took over control of the LEFT GROUP from Lt-Col. STEVENSON C.O. 175 th Brigade.	
12.4.16	do	C.R.A. 34 th Div. handed over control to C.R.A. 2 nd AUS. DIV.	

Date.	Place and Time.		Remarks or References to Appendices, &c., attached.
14.4.16	ARMENTIERES	Capt. MILFORD transferred to	6 th F.A.B.
		Lieut. MASTERS do	2 nd D.A.C
13.5.16	do.	Reorganization of Brigade. 19 th Bty transferred to 22 nd F.A.Bde. 104 th Hoo. Bty transferred from 22 nd F.A.Bde to 4 th F.A.Bde. 4 th B.A.C. transferred to 2 nd D.A.C.	
22-5-16	do.	10 th Bty shelled with (5.9 shells) 100 rounds. No casualties. One gun was put out of action	
19-6-16	do	10 th Bty heavily shelled with 5.9 ^s (207 rds) No damage.	
2-7-16	do	Brigade moved out of line to their wagon lines. The gun pits were taken over by N.Z. ARTY	

Date.	Place and Time.		Remarks or References to Appendices, &c., attached.
3.7.16	ARMENTIERES	5 th Col. GRIMWADE handed over responsibility to Lt Col SYMONDS N.Z.F.A. Bde at 8 a.m.	
5.7.16	do	4 th F.A. Bde. marched to new wagon lines at DRANOUTRE in the MESSINES area.	
night 5 th / ₆ July.	MESSINES	1 section 10 th Bty relieved one section of c/109 Bty of 108 th Bde.	
6 th / ₇ July.	do.	other section of 10 th Bty relieved other section of c/109 Bty of 108 th Bde. R.F.A.	
7 th / ₈ July.	do.	11 th Bty. 1 section took over from c/108 Bty 108 th Bde. Major WATTS, D.S.O. temporarily in command of 4 th F.A. B. took over from Lieut-Col. WALTHALL C.O. 108 th Bde. R.F.A.	
8 th / ₉ July	do.	4 th F.A. Bde. relieved by 108 th Bde R.F.A.	

Date.	Place and Time.		Remarks or References to Appendices, &c., attached.
9.7.16	CAESTRE	4 th F.A.B. moved to CAESTRE AREA for billeting	
10.7.16		Lt-Col. WATTS, D.S.O. relieved Lt-Col GRIMWADE who went to ENGLAND to command 3 rd Aus. Div. Art.	
10.7.16	do.	Major ALLSOP, Lieut PEART & FANNING & GUNN & 2 nd Lt CHOMLEY transferred to 3 rd Aus. Div.	
		Lieut BEAVIS appointed to command 12 th Bty. Lieut. F.H BERRYMAN appointed Adjutant.	
		2 nd Lt WALLER do Orderly Officer.	

APPENDIX I

list of officers of 4th F.A. Bde. A.I.F.

Lieut-Colonel.	W.H. GRIMWADE	Commanding officer
Major	W.S.S. DAVIDSON	O.C. 10 th Bty.
"	W.G. ALLSOP	O.C. 12 th "
"	F.P. DERHAM	O.C. 11 th "
Capt.	H.N.R. FYANS	vet. officer
"	W.A. HAILES	Med. officer
"	W.H. ST CLAIR	O.C. Bde. Amm. Col.
"	O.F. DIXON	adjutant
Lieut.	R.E. FANNING	Bde. Orderly officer
	F.W. JENKINS	
	F.H. BERRYMAN	
	J.E. MILFORD	
	W.A.R. PEART	
	G.A. VASEY	
	W.L. FANNING	
	V. SCOTT	
	A.J. DAVIDSON	
	W. MacLAREN	
	R.W. HORE	
	C.J. MASTERS	
	T. De RAVIN	(Dental officer)
2 nd Lieut's	F.H.M. COLLEN	
	H.D. LUXTON	
	A. CRAWFORD	
	H.G. HARDING	
	C.M. CHASE	
	C.V. REES	
	A.D. GUNN.	

= APPENDIX I =

Lieut. H.E.C. CHAMPION.
~~2nd Lt.~~ R.H. REYNOLDS.
" F.G. SANDERS.

These three officers left the
7th F.A. Bde before the brigade
embarked.

SECOND AUSTRALIAN DIVISIONAL ARTILLERY.

Secret.

Copy No. 5.

4th June 1916.

OPERATION ORDER No. 17.

Reference, Trench Map, BOIS GRANIER Edition 1 A. 1/10,000 and attached sketch. Co-ordinates refer to Trench Map.

1. Operation order No. 16 is cancelled.

Infantry Action 2. A raid will be made on enemy trenches by a party from the 7th Infantry Brigade on a date to be communicated later. The infantry will not advance beyond the area enclosed by 1.21.e.5 $\frac{1}{2}$.24., 6.1 $\frac{1}{2}$. 7.2., 8 $\frac{3}{4}$.3 $\frac{1}{4}$, 8.4. They will enter the enemy trenches in silence and will call for an artillery barrage when it is - - required.

Supporting Artillery (3) The Centre Artillery Group reinforced by 1 section of 10th, the 11th, 18th and 104th Batteries for the operation will be the supporting artillery and will be commanded by the C.C. Centre Group.

Trench Mortars 4. All Medium Trench Mortar Batteries and Infantry Brigade Stokes Mortars of 6th and 7th Brigades will be grouped under the command of the D.T.M.C. for the operation.

Artillery Action 5. The action of the Artillery including Trench Mortars and diversions by Right and Left Artillery Groups will be as laid down in the Table of Artillery Tasks attached hereto. ANZAC Heavy Artillery are co-operating as shown in Task Table. 1st New Zealand Div. Artillery and 1st Aust. Div. Artillery have been asked to co-operate in counter battery work. The order for the Barrage will be given by the officer commanding the attack. The following code word will be used - - - "Barrage". A telephone line will be laid direct from the group - liaison officer to a selected battery; this battery will open fire on receiving the code word, other batteries taking the firing of the selected battery as their signal to open fire. In addition to the above, two blue rockets fired together will be sent up from our trenches and the liaison officer will also - - pass the code word to the Centre Group Commander. Each of the above signals is alternative; the barrage will be placed on - receipt of either. The Right and Left Groups will open fire - - simultaneously with the Centre Group on their respective tasks. The Barrage will be maintained until the order to cease fire is given by the C.C.C., 7th Infantry Brigade. The Infantry will be responsible for provision of and firing of rockets.

Liaison. The C.C. Centre Group will arrange for a liaison officer to be with the officer commanding the attack. This officer will be - provided with a substitute to act in case of necessity. The C.C.C. ANZAC Heavy Artillery is arranging for a liaison officer to be with the C.C.C. 7th Infantry Brigade. The D.T.M.C. will be with the C.C. attack.

Communications. 7. The Group Liaison Officer will be provided with two telephones and operators and will be in direct and simultaneous telephone communication with the selected battery and C.C. Centre Group. He will send the code word "Barrage" when required to both selected battery and Group Commander simultaneously. C.C. Groups will arrange that Batteries engaged in the main - - operation are telephonically connected to Centre Group Headquarters. The D.T.M.C. will be connected by telephone to the 2nd Trench Mortar Batteries in main operation.

de 8. The following is the procedure for the operation.
gnals On the night selected for the raid the following code message

will be sent to all concerned.

* PATCH WILL ISSUE PERMITS AT

p.m.*.

The G.O.C. 7th Infantry Brigade will give the order to "STAND BY" from which time guns will be fully manned, layed and ready to fire, this order will be given approximately one hour before the barrage will be required.

On the code word "BARRAGE" or rocket signal or on the opening of the selected battery, the barrage will be placed and diversions carried out.

When our Infantry leave enemy trenches the G.C. attack will pass back "ALL CLEAR" flank batteries as detailed in Task Table for phase 2 will drop their fire.

2 minutes after "ALL CLEAR" the Batteries detailed in phase 3 will drop their fire.

At about half an hour after "CEASE FIRE" is given one minute's intense bombardment of raided trenches will be carried out.

The time for this phase will be ordered by G.C. Centre Group as follows:-

*XA.M. (or p.m.)

Sgd. B.A.G. Watts, Major
c/Brig. Major
2nd Aust. Div.

Time.

DISTRIBUTION.

How distributed.

- Copy No. 1 B.A. Anzac.
2. 2nd Aust. Division.
3. Right Group.
4. Centre Group.
5. Left Group.
6. 1st Aust. Div. Arty.
7. 1st New Z. Div. Arty.
8. 5th Aus. Inf. Bde.
9. 6th do.
10. 7th do.
11. D.T.M.C.
12. ANZAC Heavy Arty.
13.)
14.) Retained.
15.)

Left Artillery Group

June 5th 1916.

1. Copy of 2nd D. A. operation order No. 16 is cancelled and to be returned at once to this Office.
2. Copy herewith of 2nd D. A. Operation Order No. 17.
3. For the purposes of this operation the LEFT Section (Enf) of 10th Battery, Right Section (Enf) of 18th Battery, the 11th Battery and the 104th Howitzer Battery are under the orders of the C.O. CENTRE GROUP reverting to their own groups immediately on conclusion of operation.
4. Right Section 10th, Battery, 19th Battery and 12th Battery will conduct DIVERSION Scheme coincident with main Task. Batteries concerned will post a lookout man to watch for the signal, two blue rockets, on which Batteries open fire ^{alternatively} alternating with fire being opened by the Selected Battery. Selected Battery to open fire is the 14th Battery.
5. LIASON Officer is Lieut. R.M. Thompson, substitute Captain Hatton.
6. Attention is specially drawn to Para 8. "Code Signals".
7. Immediately all concerned receive message "Paton will issue permits at p.m." watches will be synchronised by Adjutant, LEFT GROUP.
8. Reports to Headquarters, Left Group.
9. Acknowledge.

W.L. Fleming Lieut. Adj.
for Left Group.

Copy to File.
do. Diary.
do. D.A.H.Q.
do. 7th Inf. Brigade.
do. CO. Left Group.
do. 10th Battery.
do. 11th Battery.
do. 12th Battery.
do. 19th Battery.
do. 104th Battery.

Operation Order No. 9a.

issued by Lieut. Col. H. W. Grimwade
Commanding Left Group,

9th June 1916.

1. 2nd D.T.M. will shoot this day at 6 p.m. covered by the 19th Battery.
2. Table of Task attached.
3. The O.C. 19th Battery will synchronise his watch with the D.T.M.O.
4. Reports to Headquarters, Left Group.

H. W. Grimwade

Lieut. Col.
C.O. Left Group.

Secret.

Headquarters,
Left Group, 9/6/16.

Artillery and T.M. Task.

Battery.	Time	Task.	Ammunition	Remarks.
19th	6 p.m. to 6.10 p.m.	1 gun on I.22.a.8 $\frac{1}{2}$.9 $\frac{1}{2}$. 1 gun on I.16.c.9 $\frac{1}{2}$. $\frac{1}{2}$. 1 gun on I.16.d.0.2. 1 gun on I.16.d.2.4.	T.S. 80 rds.	Sec.Fire 15 sec
2 2" T.Ms.	6 p.m. to 6.10 p.m.	I.16.d. $\frac{1}{2}$.0.	20 rounds	gun fire 1 min.

Secret.

Operation Order No. 20

Ref. Map.
Belgium
Sheet 5a, 1/100000.

issued by Lieut. Col. B.A.G. Watts DSO
C.O., 4th F. A. Brigade,
10/7/16.

1. Units of the 4th F. A. Brigade and 1st Section 2nd D.A.C. will move by road in accordance with attached march table "A" for entrainment at St. Omer, Arques and Wizernes and program of entrainment "B" attached.
2. All units will arrive at entraining station three hours before time laid down for the departure of train.
3. The entrainment of all units will be completed half an hour before time laid down for departure of train.
4. No troops or transports will enter the station yards until the B.T.O. is ready to receive them.
5. Breast ropes for horse trucks must be provided by the units themselves. Ropes for lashing vehicles on the flat trucks will be provided by the railway.
6. No personnel or stores will be allowed in break vans at each end of train. ~~XXXX~~
7. A complete marching out state showing the numbers of officers, other ranks, horses, four and two wheeled wagons and bicycles will be sent to the station with the first party of every unit so that accommodation in the train can be checked by the B.T.O. before entrainment commences.
8. During the journey, pickets will be posted at each half at each end of the train to prevent troops leaving.
9. Units will entrain with rations in their supply wagons for the day following the day of entrainment.
10. Orders for detachment will be issued to the C.O. of each train either shortly before or on arrival at destination.
11. With regard to entraining the attention of C.C. units is directed to F.S. Regs. Part 2, Sect. 34 to 39 and Part II sections 59 ~~and~~ 64.
12. As soon as units arrive in their new area they will report to 2nd D.A.H.Q. the location of their headquarters.
13. During march, C.C. units will see that attention is paid to march discipline.
14. The portions of 1st Sect. 2nd D.A.C. to accompany each battery will join the batteries at St. Marie Cappelle on 11/7/16. Times to be arranged by C.C. Batteries.
15. Acknowledge.
issued at 6.30pm by special D.H.

L.H. Perryman

Lieut. Adj.

for 4th F.A.B.

Copy to File.

- do. War Diary. ✓
- do. 10th Battery.
- do. 11th Battery.
- do. 12th Battery.
- do. 104th Battery.

TABLE "A".

Date.	Unit.	From	To	Route.	Approx. distance.
11/7/16	4th F. A. Bde. No. 1 Sect. 2nd D. S. C.	St. Marie Cappel	Entraining Station	Hondeghem Staple Ebblinghem	17 miles.
11/7/16	H. 4th F.A.B.	Lillele	St. Omer	as ordered by C.O.	18 miles.

Units will move by Companies or Batteries at not less than 200 yards distance. Transport in groups of not more than 10 wagons at similar distance.

ENTRAINMENT "B".

4th F. A. Brigade.

Date.	Unit.	Time train ready for loading.	Time of departure.	Entraining Station	Train No.
11/7/16	10th Bty. & part of No. 1 Sec. 2nd DAC.	20.08	23.03.	(a)	16.
11/7/16	11th Bty. & part of No. 1 Sec. 2nd DAC.	20.14	23.09.	(b)	17.
11/7/16	12th Bty. & part of No. 1 Sec. 2nd DAC.	20.57	23.52.	(c)	18.
11/12.	104th Bty. & part of No. 1 Sec. 2nd DAC.	23.08	2.03.	(a)	19.
12/7/16.	H.Q. 4th F.A.B.	8.08.	11.03.	(a)	20.

Note (a) ST OMER
 (b) ARQUES
 (c) WIZERNES

Secret.

Supplementary Order to Operation Order No. 20

Ref. Map

by Lt. Col. B.A.C. WATTS D.S.O.
C.O., 4th P. A. Brigade
11/7/16.

Sheet 50, 1/100000.

Starting Point

1. Church St. near St. GAYRUS.
Units will pass the starting point at times as per margin.

- 10th Bty. 1.30 p.m.
- 12th Bty. 1.50 p.m.
- 11th Bty. 2.10 p.m.
- 104th Bty. 2.30 p.m.

Route

LBS CIRBAUX-STAPLES
LE HAÏFFE - FORT ROUGE

2. The proposed route is as per margin.
No artillery unit is to enter BERLICHON.

Detail.

3. LIEUT. HUNSON, 11th Battery will act as Staff Officer for detachment of artillery group at one of the detachment stations. He will leave by No. 16 train at 23.03 on 11th inst., from ST.OMER.

Billets

4. Interpreter will travel with 10th Battery in Train No. 16 which leaves ST.OMER at 23.03 on 11th inst.
If billets are in the vicinity of detraining station C.C. Units will on arrival immediately detail a guide to report to the interpreter who will show him the billets.

5. Acknowledge.

6. Herewith enclosed are 4 maps, 2 of LBS 11 and 2 other LBS 17.

By special D.R.

F.H. Berryman Lieut. Adj.
for 4th P. A. Brigade.

Copies to file.

- cc. 10th Battery.
- cc. 11th Battery.
- cc. 12th Battery.
- cc. 104th Battery.
- cc. 1st Sect. 2nd B.A.C.

WAR DIARY SUMMARY

Unit Form C 2118

Requirements for Quantities and

120000 11/7/16 P.C. & V. 100000

SECRET.

Operation Order, No 10

Headquarters,
Left Group, 12/6/16.

1. 1st Australian Division will make a raid on enemy's Trenches on night of 12/13th June and will commence at 00.50.
2. The raid will be carried out under cover of an Artillery - - - - bombardment. The Second Australian Divisional Artillery will assist.
3. Left Group Batteries will stand by to engage any hostile - - Battery which may be located. Batteries will immediately report to Headquarters map reference of any suspected Battery opening fire. Hostile Batteries will be engaged under orders from Headquarters Left Group.

W L Jamming to Adj. G. S.
Lieut. Col.
C.O. Left Group.

Copy to File.

- do. War Diary.
- do. 6th Infantry Brigade.
- do. 2nd D.A.H.Q.
- do. 10th Battery.
- do. 11th Battery.
- do. 12th Battery.
- do. 19th Battery.
- do. 104th Battery.

Secret.

OPERATION ORDER No. 12

Reference Map
Bois Grenier Edit. 1A $\frac{1}{10000}$
corrected to 19/3/16.

issued by Lieut. Col. H. W. Grimwade
C.O. Left Group,
17th June 1916.

- Infantry Action 1. A raid will be made by the 7th Infantry Brigade on a date to be notified later.
Point of entry will be I.22.a.5½.8½.
- Supporting Artillery 2. Left Artillery Group reinforced by two 18 Pdr. Batteries and one 4.5" Battery of New Zealand Division, and the 13th 14th and Left Section of the 10th, and 20th and 105th Batteries of the Centre and Right Groups will be the supporting Artillery.
Artillery will be commanded by the C.O. Left Group.
- Diversion 3. A diversion will be made by the Right Group Artillery.
- Artillery Action 4. The action of the Artillery will be as laid down in - - Artillery Tasks.
The 1st Australian Divisional Artillery will co-operate in counter Battery work.
- Time. 5. All times will be calculated from ZERO which will be the time for the commencement both of the Diversion and the - Bombardment by the LEFT GROUP.
Watches will be synchronised by Adjutant, Left Group, one hour before operation commences.
a. The hour of ZERO will be communicated by the following code message
"The leave train starts at ".
- Liaison 6. Lieut. Hore is appointed Liaison Officer with Lieut. Harding as substitute. These officers will be stationed with O.C. ATTACK and be in direct Telephonic Communication with the C.O. Left Group.
- Communications 7. C.O. Groups will arrange that Batteries engaged in main operation are connected by telephone to Left Group Headquarters.
- Stand to. 8. Artillery will "stand to" one hour before ZERO time.
- Operations 9. When our Infantry are clear of the Enemy's Trenches the C.O. Attack will pass back "ALL CLEAR". This order will be communicated to all Batteries. Batteries will then - - commence PHASE III.
When the assaulting party are back in our trenches "CEASE FIRE" will be sent by O.C. ATTACK to C.O. LEFT GROUP and be passed to Batteries.
In addition to this order being passed a rocket signal will be given as follows:-
Two blue rockets will be sent up by O.C. ATTACK and repeated by Right and Left Battalions from Rue de Bois Salient and from Lille Salient.

P.T.O.

After CEASE FIRE at a time to be communicated by C.O.
LEFT GROUP all Batteries will fire as in PHASE 1 for one - -
Minute. Code message for this will be "RETURN A.M."

If no message "ALL CLEAR" or "CEASE FIRE" is received - -
Batteries will continue firing as in PHASE 2 until 0.40
when all Batteries will cease firing.

10.C.O. LEFT GROUP will be at 6th Brigade Advanced Head-
quarters Report Centre.

Time Table 11.

0.0. Bombardment and Right Group Diversion
commences.

0.17 Artillery Lift commences.

0.19 Artillery Barrage placed.

0.20 Assault.

12. Acknowledge.

W L Fanning

Lieut. Adj.
for Left Group.

Copy to War Diary. ✓

do. File

do. D.A.H.Q.

do. 7th Inf. Brigade.

do. C.O. Right Group, N.Z. Division.

do. C.O. Centre Group.

do. C.O. ^{Right} ~~Left~~ Group.

do. 10th Battery.

do. 11th Battery.

do. 12th Battery.

do. 19th Battery.

do. 104th Battery.

Map Reference.
Bois Grenier, 6B ~~XXXXXX~~ ¹/₁₀₀₀₀

Left Group,

19th June 1916.

Operation Order No. 15.

Intention 1. It is intended to cut wire and damage Enemy's Machine Gun Emplacement and Parapet at I.22.a.7 $\frac{1}{2}$.9. or I.22.a.8 $\frac{1}{2}$.9 $\frac{1}{2}$.
Map Ed. 1A.

2. This operation will take place at 4 a.m. Tuesday June 20th and will be carried out by

104th How. Battery.

19th F.A. Battery.

One Battery 2" Trench Mortars.

Artillery 3. As Tasks attached.

Action

4. Watches of O.Cs. 104th and 19th Batteries will be - - - synchronised.

5. Reports to Headquarters, Left Group by ⁸ a.m. what - - - destruction has been done by bombardment.

6. Acknowledge.

Lieut. Adj.
for Left Group.

Copy to File.

- do. War Diary ✓
- do. 2nd D.A.H.Q.
- do. 6th Infantry Brigade.
- do. D.T.M.O.
- do. 19th Battery.
- do. 104th Battery.

Artillery Tasks.

Battery.	Time	Task.	Ammunition	Rate of Fire.	Remarks
104th	4 a.m.	I.22.a.7 $\frac{3}{4}$.9. Map 6B. or I.22.a.8 $\frac{3}{4}$.9 $\frac{3}{4}$.Map 1A.	50 rds.H.E.	G.F. 1 min.	Machine Gun em- placem- ment
19th	4 a.m.	do.	20 rds T.S.S.F. 80 rds H.E.	10 sec.	distrib- ute concentrate.
1 Battery 2" Mortars	4 a.m.	do.	28 rds.	G.F. 1 min.	

MOVEMENT ORDER

Refer sheets
11217/1100000

issued by Lt. Col. B.A.G. WATTS DSO
C.O., 4th F. A. Brigade,
20/7/16.

1. The 4th Field Artillery Brigade will move today in accordance with attached march table.
2. Only roads allotted in the March Table will be used as roads East of the AMIENS - PIERREGOT Road and West of the ST VAST - FLESSELLES - TALMAS Roads are required for other troops.
3. Distances on the march will be kept as follows.
Between Batteries 100 yards.
Between Artillery Brigades 200 yards.
5. Train baggage and supply wagons will accompany units.
6. All billets and horselines are to be thoroughly clean before departure.
7. Battery Commanders will detail one N.C.O. to report at Brigade Headquarters at 9 a.m. today for billeting purposes this N.C.O. to be mounted and to carry rations for his horse and himself.
8. All Units will carry 24 hours rations in addition to the unexpended portion of the rations for the 20th inst.
9. Refilling points for all Units of 2nd Australian Divisional Artillery for today will be at Puchevillers; time for refilling 7 p.m., Leaders to report at 6 p.m. PUCHEVILLERS.
10. Acknowledge.

J. A. Berryman Lieut. Adj.
for 4th F. A. Brigade.

MARCH TABLE.

Golark

20/7/16.

Unit.	From	To	Route	Time of Starting.	Starting Point.
4th P.A.B.H.	LA CHAUSSEE	FUCHEVILLERS	ST. VAST FLESSH ELLES. TALMAS.	9.12 a.m.	Junction of road and track 1/2 mile E of last "E" in CHAUSSEE.
10th Battery	do.	do.	do.	9.13 a.m.	do.
11th Battery.	do.	do.	do.	9.16 a.m.	do.
12th Battery	do.	do.	do.	9.19 a.m.	do.
104th Battery	do.	do.	do.	9.22 a.m.	do.

9.34

Distance

21/6/16

Left Artillery Group Diversion.

Reference Map
Bois Grenier
36 N.W.4, Edition 1B.

Infantry Action 1. At a time and date to be notified later a raid will be made on the enemy's Trenches at ~~IXXXX~~ I.26.c.9½.1½.

2. The Centre Group Artillery reinforced by
 1 Section 16th Battery.
 1 Section 17th Battery.
 1 Section 18th Battery.
 21st Battery.
 106th Battery.

will be the supporting Artillery and will be commanded by the C.O. Centre Group.

Diversions 3. Diversions will be made by the Right and Left Artillery Groups. Left Diversion will be carried out by the 10th (R.S.), 11th Battery, 19th Battery, 18th Battery (Enf. Sect.) and 104th Howitzer Battery supported by one Battery 2" Trench Mortars, and Stokes Mortars of the 6th Infantry Brigade and will be in accordance with tasks attached. All times will be calculated from ZERO.

Time. 4. At ZERO the Right and Left Diversions will commence followed in ten minutes by the main operation. ZERO time will be communicated to all concerned by the message

"Holmes leaves for Paris atP.M.tonight".

Time Table 5. O.O. Right Diversion commences.
 O.O. Left Diversion commences.
 O.10 Main operation commences.
 O.30 Left Diversion ceases.

Reports 6. Reports to C.O. Left Group Headquarters.

7. Watches will be synchronised by the Adjutant one hour before ZERO time.

8. Acknowledge.

W L Fanning

Capt. Adj.
for Left Group.

Copy to War Diary. ✓
 do. File.
 do. D.A.H.Q.
 do. 6th Inf. Brigade.
 do. Centre Group.
 do. Right Group.
 do. Right Group N.Z. Artillery.
 do. 10th Battery.
 do. 11th Battery.
 do. 19th Battery.
 do. 104th Battery.
 do. 12th Battery.

Artillery Tasks.

Phase 1.

Battery.	Time	Task.	Ammunition	Rate of Fire.
10th (R.S.)	O.O. to 0.10	I.21.b.4.2. to I.21.b.4.1½.	H.E. 60 rs.	S.F. 10 sec.
18th (R.S.)	O.O. to 0.10	I.21.b.2½.½. to I.21.b.4.1½.	H.E. 60 rs.	S.F. 10 sec.
11th	O.O. to 0.10	I.21.b.1½.0. to I.21.d.0.7.	H.E. 120 rs.	S.F. 10 sec.
19th	O.O. to 0.10	I.21.b.5.3. to I.21.b.7½.2. (Parapet).	H.E. 120 rs.	S.F. 10 sec.
T.Ms.	O.O. to 0.10	2 guns on I.21.b.4.2½. (cut 2 guns on I.21.b.1½.½.) wire	40 rds.	1 rd. per gun per minute.
Stokes Guns	O.O. to 0.10	4 guns, I.21.b.4.2½. to I.21.b.4½.3.	120 rds.	3 rs. per gun per minute.
104th	O.O. to 0.10	1 gun on I.21.b.4½.3. } 1 gun on I.21.b.7.2. } 1 gun on I.21.b.6½.0. } 1 gun on I.21.d.4½.7½. }	80 rs. H.E.	G.F. 30 secs.

Artillery Tasks.

Phase II.

Battery.	Time.	Task.	Ammunition	Rate of Fire.
10th (R.S.)	0.10 to 0.30	1.21.b.6 $\frac{1}{4}$. $\frac{1}{4}$. to I.21.d.5 $\frac{1}{4}$.8 $\frac{1}{4}$. ^{21.}	T.S.	S.F.10 sec.
18th (R.S.)	0.10 to 0.30	I.21.d.5 $\frac{1}{4}$.8 $\frac{1}{4}$ to I.21.d.4 $\frac{1}{4}$.7 $\frac{1}{4}$.	T.S.	S.F.10 sec.
11th	0.10 to 0.30	1 Sec. from I.21.d.4 $\frac{1}{4}$.7 $\frac{1}{4}$. to I.21.d.3.7. } 1 sec. from I.21.d.2 $\frac{1}{4}$.7. to I.21.d.1 $\frac{1}{4}$.9 $\frac{1}{4}$. }	T.S.	S.F.10 sec.
19th	0.10 to 0.30	1 Sec. from I.21.b.5 $\frac{1}{4}$.2 $\frac{1}{4}$. to I.21.b.7.2. } 1 Sec. from I.21.b.7.1 $\frac{1}{4}$. to I.21.b.6 $\frac{1}{4}$. $\frac{1}{4}$. }	T.S.	S.F.10 sec.
T.Me.	0.10 to 0.30	1 gun on I.21.b.4 $\frac{1}{4}$.3. } 1 gun on I.21.b.5 $\frac{1}{4}$.2 $\frac{1}{4}$. } 2 guns on German House and Parapet. }		G.F. 1 min.
Stokes Guns	0.10 to 0.30	I.21.b.1.1 $\frac{1}{4}$. to I.21.d.1 $\frac{1}{4}$.9 $\frac{1}{4}$.		G.F.3rs per min
104th	0.10 to 0.30	No. 1 gun on I.21.d.3.7. as in Phase I		G.F.30 sec.

Operation Order No. 15

Reference Map
Bois Grenier,
Ed. 6b. 1/10000.

issued by Lieut. Col. H.W.Grimwade,
C.O. Left Group,
22/6/16.

Operation. 1. It is intended to cut wire and damage Enemy's Parapet at I.22.a.4 $\frac{1}{2}$.7 $\frac{1}{2}$. on the night of 22nd/23rd June, commencing at 11 p.m.

Artillery 2. For this purpose the following Artillery will be employed under ~~max~~ orders of C.O. Left Group.

4 Batteries 18 pdr.)
1 How. Battery.) Left Group.
1 T. M. Battery.)

2 Batteries 18 pdr.)
1 4.5 Battery.) Centre Group.

Tasks. 3. Points as in Left Group Operation Order No. 12 as Tasks attached.

Time. 4. Watches will be synchronised by Adjutant Left Group at 10. p.m. 22/6/16.

Time Table. 11.0 p.m. Bombardment commences.
11.5 p.m. Lift commences.
11.7 p.m. Barrage placed.
11.12 p.m. Cease Fire.

5. Reports to be sent to Headquarters, Left Group.

6. Acknowledge.

Eapt. Adj.
for Left Group.

Copy to File.

do. War Diary.
do. D.A.H.Q.
do. 6th Inf. Brigade.
do. Centre Group. (4)
do. D.T.M.O.
do. 10th Battery.
do. 11th Battery.
do. 12th Battery.
do. 19th Battery.
do. 104th Battery.

Artillery Tasks.

22/6/16.

Phase 1.

Battery.	Time	Task.	Ammunition	Rate of Fire	Remarks
10th (R.S.)	11.0 to 11.5	I.22.a.5½.7¾. to I.22.a.7½.8½.	H.E.	S.F.15 secs.	Parapet
19th	11.0 to 11.6	I.22.a.2¾.5½. to I.22.a.5½.7¾.	H.E.	S.F.15 secs.	Parapet
14th	11.0 to 11.5	I.22.a.3.3¼. to I.22.a.5.4½.	T.S.	S.F.15 secs.	Sup. Trench
13th	11.0 to 11.5	I.22.a. 5.4½. to I.22.a.7.5¾.	T.S.	S.F.15 secs.	Sup. Trench
18th (Enfs.)	11.0 to 11.5	I.22.a. ^{6¾.5¾} 7.5½. to I.22.a. ^{9.7¼} 8.6½ .	T.S.	S.F.15 secs.	Sup. Trench
12th (3 guns)	11.0 to 11.5	I.22.a.8.8¼. to I.22. I.16.d.0.1.	H.E.	G.F.20 secs.	Parapet
11th	11.0 to 11.5	I.22.a.½.3¼. to I.22.a.3.5½.	H.E.	S.F.20 secs.	Parapet
104th How.	11.0 to 11.5	No. 1 gun on I.22.a.3¼.5¾. No. 2 gun on I.22.a.8.8¼. No. 3 gun on I.22.a.4.4½. No. 4 gun on I.22.a. 7¼.6½ ^{6¾.5¾}	H.E.	G.F. 1 minute.	
105th How.	11.0 to 11.5	1 gun on I.22.a.2.1½. 1 gun on I.22.a.3.3¼. 1 gun on I.22.a.5.1¼. 1 gun on I.22.a.6.1.	H.E.	H.F. 1 minute	Trench Junc.
T.M.	11.0 to 11.5	I.22.a.4½.7½.			Wire cutting

22/6/16.

Artillery Tasks.

Phase 2.

Battery	Time	Task.	Ammunition	Rate of Fire	Remarks
13th	11.5 to 11.12	as in Phase 1.	T.S.	S.F.15 sec.	Supp Trench
14th	do.	do.	T.S.	S.F.15 sec.	Supp Trench
11th	do.	do.	H.R.	S.F.15 sec.	Parapet.
12th	do.	do.	H.R.	G.F.20 sec.	Parapet.
19th	11.6 to 11.12.	1.22.a.3.6. to 1.22.a.4.4 $\frac{1}{2}$.	T.S.	S.F.15 sec.	Com. Trench
10th (R.S.)	11.5 to 11.12	1.22.a.8.8 $\frac{1}{2}$ to 1.22.a.9.7 $\frac{1}{2}$.	T.S.	S.F.15 sec.	Com. Trench
104th How.	11.5 to 11.12	as in Phase 1	H.R.	G.F. 1 minute	Trench Junction
105th How.	11.5 to 11.12	as in Phase 1	H.R.	G.F. 1 minute	Trench Junction
T.Ms.	11.5 to 11.10	2 guns on 1.22.a.6 $\frac{1}{2}$.8. 2 guns on 1.22.a.2 $\frac{1}{2}$.5 $\frac{1}{2}$.			Parapet Parapet.

18th 11.5 to 11.12 as in phase 1 T.S S.F.15 sec Support Trench.
Enf

SECRET.

MARCH ORDER No. 23

by Lt. Col. B.A.S. WATTS D.S.O.,
C.O., 4th F. A. Brigade
26/7/16.

Reference 1/40000
Sheet 57D.

- Moves. 1. The Brigade will move to a position in Reserve at W.20.d on the 27th inst., in accordance with March Table
- Advance Party 2. Each Battery Commander will detail an N.C.O. and one man to report to Brigade Headquarters at 9.15 a.m. The Interpreter will report at 9.15 a.m. This party will proceed to W.20.d. under the Adjutant.
- Distances 3. 100 yards between Batteries.
200 yards between Brigades.
- Supply Baggage and Ambulance Wagons. 4. Supply Baggage and Ambulance Wagons will march massed at rear of Brigade leaving a distance of 100 yards. C.O. 104th Battery will detail an Officer and one N.C.O. to take charge of the Baggage Supply and Ambulance wagons.
- Rations. 5. In addition to the unexpended portion of the day's rations one days rations will be carried.
- Reports 6. Reports to the head of the Column.

MARCH TABLE.

Unit.	Starting Point	Time	Route.
Brigade H.Q. Wagon Lines		10.26 a.m.	HERISSART - TOUTENCOURT -
10th Battery	do.	10.27 a.m.	MARPONVILLE - WARLOY -
11th Battery	do.	10.31 a.m.	SENLIS - BOUZENCOURT -
12th Battery	do.	10.35 a.m.	to W.20.d.
104th Battery	do.	10.39 a.m.	
Train	do.	10.43 a.m.	

Distance 15 Miles.

7. Acknowledge.

W. H. W. W. Lieut. Adj.
4th F. A. Brigade.

- Copy No. 1. File.
do. 2. War Diary.
do. 3. 10th Battery.
do. 4. 11th Battery.
do. 5. 12th Battery.
do. 6. 104th Battery.

Issued at 9.55 p.m.

Operation Order No. 16.

Left Group, 27/6/16.

Ref. Map.
Bois Grenier,
Edition 6B, 1/10000.

Diversion "Brands Arrival".

- Intention 1. At a time and date to be notified later a raid will be made by the 6th Infantry Brigade on the enemy's trenches at three points, I.26.b.10.8 $\frac{1}{4}$., I.21.c.3.4 $\frac{1}{4}$., I.21.c.7.2.
- Supporting Artillery 2. Supporting Artillery will be the Centre Group reinforced by one Howitzer Battery and 1 $\frac{1}{2}$ 18 pdr. Batteries of Right Group and 1 Section 104th Howitzer Battery, and 11th, 10th Right and Left Sections and one Section of the 19th Battery of the Left Group under Lieut. Col. H.W.Lloyd D.S.O.
- Diversion 3. Diversions will be conducted by the Right and Left Group respectively.
Left Diversion Artillery tasks as tables attached.
- Time. 4. All times will be calculated from ZERO.
ZERO time will be communicated to all concerned by the following code message "Brand arrives at p.m.
tonight acknowledge".
Watches will be synchronised by Adjutant Left Group one hour before operation commences.
Phase 3 will be commenced on word "OUT" being communicated to Batteries supplemented by one Rocket giving a golden - - shower fired by O.C.ATTACK and repeated at Trenches 50 and 55.
- Cease Fire 5. Will be transmitted to all concerned supplemented by two blue rockets by O.C. Attack and repeated at Trenches 57 and 61.
If no order "Cease Fire" is received Artillery will cease at 0.45.
C.O. Left Group will be at Headquarters, Left Group.
- Time Table 6. 0.0. Bombardment at points of assault and Right and Left Diversions commence.
0.4. Main Left.
0.5. Main Barrage placed and assault made.
0.45 Cease Fire.
7. Acknowledge.

Lieut. Adj.
for Left Group.

Copy to File.
do. War Diary. ✓
do. D.A.H.Q.
do. 6th Inf. Brigade.
do. C.O. Centre Group
do. O.C. 10th Battery.
do. O.C. 11th Battery.
do. O.C. 12th Battery.
do. O.C. 19th Battery.
do. O.C. 104th Battery.

OPERATION ORDER No 16

Issued by
Lieut Col H.W. Grimwade
C.O. Left group.

28/6/16.

The following is notified in reference to operations to be conducted as shown in O.O.16.

The 6th Infantry Brigade will conduct a Smoke and Gas Diversion at ----- various points on the line. This will commence at 0.5 and TIME TABLE of Left Diversion and Ammunition is altered as follows.

Phase 1.

Battery	Time	Task	Ammunition	<i>Rate</i> Rounds of Fire
19th Sect and 12th	0.10. to 0.20.	as issued	T.S.	
104th	0.10. to 0.20.	do	H.E.	Gun Fire 1 Min

Phase 2.

Battery	Time	Task	Ammunition	<i>Rate</i> Rounds of Fire
ALL Batteries	0.20. to 0.30.	as issued	as issued	as issued

To D.A.H.Q.
6th Inf Bde
Centre Group
12th Battery
19th Battery
104th How Battery
File
War Diary. ✓

W. L. Stummel
Lieut Colonel
Commanding Left Group.

ARTILLERY TASK.

Battery.	Time.	Task.	AMMUN.	Rate of Fire	Remarks.
104th 1 gun.	0.5. to Cease Fire.	1 Gun on Enemy Parapet 1.21.b.1 $\frac{1}{2}$. $\frac{1}{2}$.	H.E.	G.F. 1 minute	
12th	0.5. to Cease Fire	<u>STAND BY ON ENEMY</u> Parapet, From 1.16.c.9 $\frac{1}{2}$.0. to 1.16.d.2 $\frac{1}{2}$.4 $\frac{1}{2}$. (Lille Rd)	H.E.	X.F. 20 sec.	Orders to open fire will be sent later
19th 1 Sec.	0.5. to Cease Fire	<u>STAND BY</u> on Enemy Parapet From 1.22.a.7 $\frac{1}{2}$.8 $\frac{1}{2}$. to 1.16.c.9 $\frac{1}{2}$.0.	H.E.	X.F. 20 sec.	do.

COPY No. ⁵.....

A M E N D E D

OPERATION ORDER No. ~~2~~ 3
BY

Lieut.-Colonel F. B. SKES D.S.O., R.A.

Commanding 2nd. Brigade N. Z. F. A.

27th. June 1916.

REFERENCE MAP
3L NW 4. 1/10,000.

1. On the night of the 1st/2nd July an operation will be carried out by the Wellington Infantry Battalion covered by the Right Group N.Z.F.A.
2. The Objective will be the Enemy Front Line Trenches from I 17 a 1.3 to I 17 a 4.9.
3. Watches will be synchronised at this office at 7 p.m. and 10 p.m. of the day of the raid.
4. Zero time will be communicated to all concerned on the day of the raid by the following code:-
"The car leaves at"
5. Batteries will "stand to" one hour before zero time.
6. Adjutant will act as Liaison Officer to Battalion Commander.
7. The Artillery operation will consist of two phases as per attached programme.
8. The Centre Group N.Z.F.A. will create a diversion on the Left.
9. 4th.A.F.A. Brigade and Centre Group N.Z.F.A. will open with a slow rate of fire 10 minutes before zero time.

Copy No.1	File	Copy No.6	Centre Group
" 2	N.Z.D.A.	" 7	2nd Battery
" 3	N.Z.I.B.	" 8	5th. "
" 4	Wgtn. Inf. Battn.	" 9	6th. "
" 5	4th.A.F.A. <i>3de</i>	" 10	9th. "
		" 11	10th. "

ARTILLERY TIME-TABLE.

1st. PHASE

BOMBARDMENT.

Battery	Time		Objective	Remarks
	From	To		
2nd N.Z.F.A	0.0	0.20	Enfilade Sap and Communication Trench I 16 b 9.3½ to I 17 a 3.8 1/2	H.E. X.F. 10 Seconds
5th. "	0.0	0.20	Front Line I 17 a 1½.5 to I 17 a 3.8	do
6th. "	0.0	0.20	1 Section: I 17 a ½.3 to I 17 a 1½.5	H.E. Gun Fire
	0.0	0.20	1 Section: I 17 a 1.5 to I 17 a 2.6	do.
9th. "	0.0	0.20	I 17 a 3.8 to I 17 a 4½.10	H.E., X.F. 10 Secs
10th. "	0.0	0.20	Enfilade Sap From I 11 c 3.2 to I 17 a 4½.9½	do
12th. A.F.A.	-10	0.20	I 16 d 5½.10 to I 16 b 8½.1	H.E., X.F. 20 Secs
19th. A.F.A.	-10	0.20	I 16 d 2½.5 to I 16 d 5.7	do.
104th. A.F.A.	-10	0.20	WEZ MACQUART inc. Searchlight	G.F. 1 Minute
X.M.T.M.	0.0	0.20	Wire Cutting I 17 a 1½.5½.	do.
Y.M.T.M.	0.0	0.20	Wire Cutting I 17 a 1½.5½	do.

2nd. PHASE

BARAGE S and C Trenches.

Battery	Time		Objective	Remarks
	From	To		
2nd. N.Z.F.A	0.30	0.50	As in 1st. PHASE	T.S., X.F. 10 Secs.
5th. "	"	"	I 17 a 3.4 to I 17 a 5½.5½	do.
6th. "	"	"	Comm. Trench & works I 17 a 6.4	G.F., H.E.
9th. "	"	"	I 17 a 5½.5½ to I 17 a 6.8	T.S., X.F. 10 Secs
10th. "	"	"	As in first phase.	do.
12th. A.F.A.	"	"	do	do. 20 Secs
104th. A.F.A.	"	"	I 16 d 4.9 6.9 1 Sec as in first phase.	do.
19th. A.F.A.	"	"	As in 1st. PHASE	do.
X.M.T.M.	"	"	Machine Gun Emplacements at Sap Head I 16 b 9.3½	G.F. 1 Minute
Y.M.T.M.	"	"	M.G. Empls. 1 Gun: I 11 c 3.3 3 Guns: I 17 a 4½.9	do. do.

A. Reading
Adjutant.

27th. June 1916.

for O. C. 2nd. Brigade N.Z.F.A

Operation Order No. 17

issued by Lieut. Col. H. W. Grimwade
C.O. Left Group
27/6/16.

Reference Map
Bois Grenier 36 N.W.4.
Edit. 6B. 1/10000.

- Intention 1. On a date and time to be notified later the Wellington Battalion New Zealand Division will carry out a raid on - Enemy's trenches at I.17.a.2½.7.
- Diversion 2. 12th, 19th and 104th Howitzer Batteries of Left Group, Second Australian Division will carry out a diversion on the Enemy's trenches, North of Lille Road.
- Artillery 3% Artillery Tasks as attached.
- Time 4. All times will be taken from ZERO. to be notified later.. Watches will be synchronised by Adjutant Left Group one hour before operation commences.
5. Time Table. *500*
- 10. 2nd A.D.A. Left Group Diversion commences.
0.0 to 0.20 Bombardment.
0.20 to All clear, Barrage.
All Clear to Cease Fire, Parapet Fire.
6. Acknowledge.

W. L. Fleming

Lieut. Adj.
for Left Group.

- Copy to File.
do. War Diary ✓
do. D.A.H.Q.
do. 6th Inf. Brigade.
do. 1st N.Z. Divisional *Arty.*
do. 12th Battery.
do. 19th Battery.
do. 104th Battery.

Diversion, New Zealand.

Battery.	Time.	Task.	Ammun.	Rate of Fire.	Re marks.
<u>Phase 1.</u>					
19th	- 10 to 0.0.	I.16.d.6 $\frac{1}{4}$.9 $\frac{3}{4}$. to I.16.b.7 $\frac{1}{4}$.0.	H.E. 60 rs.	S.F. 20 secs.	
12th	do.	I.16.d.5 $\frac{3}{4}$.9 $\frac{3}{4}$. to I.16.d.5 $\frac{1}{4}$.7 $\frac{1}{4}$.	H.E. 60 rs.	S.F. 20 secs.	
104th How.	do.	No.1 gun on I.16.b.7 $\frac{1}{2}$. $\frac{1}{4}$ No.22gun on I.16.d.6.9 $\frac{1}{2}$. No. 3gun on I.16.d.5 $\frac{1}{4}$.7 $\frac{1}{2}$ No. 4gun on I.16.d.3.6 $\frac{1}{4}$.	H.E.40 rs.	G.F. 1 minute.	
<u>Phase 2.</u>					
19th	0.0. to 0.30	I.16.d.8 $\frac{1}{2}$.9 $\frac{1}{2}$. to I.16.d.7.9.	T.S.180 rs.	S.F. 20 sec.	
12th	do.	I.16.d.7.9. to I.16.d.6 $\frac{1}{4}$.7.	T.S.180 rs.	S.F. 20 sec.	
104th How.	do.	Nos.1 and 3 guns as in Phase 1. No. 2 gun I.16.d.9.9 $\frac{3}{4}$. No. 4 gun I.16.d.6.7.	H.E.120 rs.	G.F. 1 minute.	

MESSAGES AND SIGNALS.

No. of Message. _____

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

TO

Ob.

4th Bde

A.F.A.

Sender's Number.

Day of Month

In reply to Number

*F28670

27

AAA

Herewith copy of amended
 operation order no 4.3
 kindly acknowledge.

From

Ob.

R/G.

N.Z.F.A.

Place

Time

9 am

The above may be forwarded as now corrected.

(Z)

H. P. ...

Censor.

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

* This line should be erased if not required.

Adjutant

SECRET

AMENDED

COPY NO 5

OPERATION ORDER No.3

BY

Lieut.-Colonel F. B. SYKES D.S.O. R.A.

Commanding 2nd. Brigade N. Z. F. A.

Ref:Map

36 N.W.4 1/10,000

30th. June 1916.

1. On the night of 1st./2nd. July an operation will be carried out by the Wellington Battalion covered by the Right Group N. Z. F. A.
2. The objective will be the Enemy Front Line Trenches from I 17 a 1.3 to I 17 a 4.9.
3. Watches will be synchronised at this office at 7 P.M. and 10 P.M. of the day of the raid.
4. Zero time will be communicated to all concerned by the following codes on the day of the raid:-
" The car leaves at"
5. Batteries will "stand to" one hour before zero time.
6. Adjutant will act as Liaison Officer to Battalion Commander.
7. The Artillery operation will consist of two phases as per attached programme.
8. The Centre Group N.Z.F.A. will create a diversion on the left.
9. 4th.A.F.A. Brigade and Centre Group N.Z.F.A. will open with a slow rate of fire 10 minutes before zero time.

H. H. Keating
Adjutant.

for O. C. 2nd. Brigade N.Z.F.A.

Copy No.	File
1	N.Z.D.A.
2	1st.N.Z.I.B.
3	Wgtn.Inf.Battn.
4	4th.A.F.A. Brigade
5	Centre Group
6	2nd. Battery
7	3th. Battery
8	5th. Battery
9	6th. " "
10	10th. " "
11	X M.T.M. Batt.
12	Y M.T.M. " "
13	Z M.T.M. " "
14	

CENTRE GROUP N. Z. F. A.

Battery	TIME		Task	Remarks.
	From	to		
1st.	-0.10	0.30	(2 Guns I 11 a 3.2 to I 11 a 3.3 (2 Guns I 5 d 05.10	XF 20 Secs.
8th.	-0.10	0.30	I 5 d 05.10	do
15th.	-0.10	0.50	Remains in observation.	

RIGHT GROUP A. F. A.

Battery	Time		Task	Remarks.
	From	to		
12th) 19th)	-0.10	0.50	<i>19th to I 16 d 6.9 1/2 I 16 d 8 1/3 . 1 1/4</i> I 16 d 6.9 1/2 to I 17 a 0.3 <i>12 #</i>	XF 15 Secs.
104th. How.	-0.10	0.50	{ 1 Gun : I I 16 d 3 1/2 6 1/2 1 " : I 16 d 6 1/2 9 1/2 1 " : I 17 a 6.4 1 " : I 17 a 8 1/2 . 1	
10th.			Will stand by and watch for Searchlight.	

COPY

G.665/1

4th Army Bde

~~111 Corps H.A.
112 Corps H.A.
34th Div.
34 Divnl. Artly.
1st. Anzac Corps
2nd. Aust. Div.
2nd. Aust. Div. Artly.
15th Div.
15th Div. Artly.
19th Div. Artly.~~

~~R.A. 23rd. Division
68th Inf. Brigade
69th Inf. Brigade
70th Inf. Brigade.~~

In accordance with 111 Corps orders, the telephone lines laid in PEARL ALLEY must be put in order at once. All units which have lines in this trench will send two linemen to meet an Officer of the Divisional Signal Coy. at X.12.c.5.7. on the 6th instant at 10.a.m.

The linemen should be provided with staples and with reel of cable to re-lay portions of their lines which it may be necessary to cut out.

(Signed) F.H. MOORE, Major,
General Staff, 23rd Division

4/8/1916.

*For your information and
necessary action please*

*H. B. Lt
Signals
2nd D.A.*

H. B.

OPERATION ORDER No. 18.

Secret.

Left Group,
2nd. A. D. A.
30th. June, 1916.

Reference Map.
Bois Grenier.
36.N.W. 4.
Edition. 1.A.

Intention. 1. On the night of the 1/2nd. July an operation will be carried out by the Wellington Battery N.Z. Division covered by the Right Group N.Z.F.A. on a point on the enemy's Trenches between I.17.a.1.3. and I.17.a.4.9.
Main Artillery Operation will commence at ZERO.

Artillery. 2. Left Group 2nd. A. D. A. will assist as Tasks - - attached to commence at ten minutes before ZERO.

Time. 3. ZERO time will be communicated to all concerned by the following message -
"The Car leaves at....."
Watches will be synchronised by Adjutant 4th. F. A. Brigade 1 hour before ZERO time.

Time Table.

- 0. 10. N.Z. Left Diversion commences.
- 0. 10. Left Group support commences.
- 0. 0. Main Operation.
- 0. 20. Main operation Barrage.
- 0. 50. Cease Fire.

Reports. 4. Reports to C.O. Left Group at Headquarters Left Group.
5. Acknowledge.

Copies to :-

War Diary. ✓
File.
2nd. N.Z. Bgde.
D.A.H.Q.
6th. Infantry Bgde.
Centre Group.
10th Battery.
12th Battery.
19th Battery.
104th Battery.

W. P. Fussingham
..... Supt. Adj.
for C.O. Left Group.

30/6/16

ARTILLERY TASK - LEFT GROUP.

Battery.	Time.	Task.	Amm.	Rate of Fire.	Remarks.
12th.	0.10. to 0.50.	Parapet from I.17.a. 0.3. to I.16.b.8½.1¼.)	H.E. 360 rds.	X. F. 20 sec.	
19th.	0.10. to 0.50.	from I.16.b.8½.1¼. -to- I.16.d.6.9½.)	H.E. 360 rds.	X. F. 20 sec.	
104th. 1 Sec	0.10. to 0.50.	1-Gun-on-I.16d.3¼.6½) 1 Gun on I.16d.6.9½.) 1-Gun-on-I.17a.6.4.) 1 Gun on I.17a.8½.1.)	H. E. 240 rds.	S. X. 30 sec.	
10th.	0.10. to 0.50.	Stand by and open on Search-lights at - - - WEZ MACQUART.	T.S.		

Amendment to 104th Battery Task Table.

Battery.	Time.	Task.	Amm.	Rate of Fire.	Remarks.
104th 1 Sec.	0.10 to 0.20	<u>1st Phase.</u> 1 gun on I.17.a.2¼.4¼) 1 gun on I.17.a.3¼.5¼)	H.E.	X.F. 30 seconds	Points on sup port trench.
104th 1 Sec.	0.20 to 0.50.	<u>2nd Phase.</u> 1 gun on I.16.d.3¼.6½) 1 gun on I.17.a.6.4.)	H.E.	X.F. 30 seconds	Points on sup port Trench.

C69, 1.47

Secret.

OPERATIONAL ORDER No. 19

Reference Map
Bois Grenier
Edit. 6B, 1/10000.

issued by Lieut. Col. H. W. Grimwade
C.O., Left Group
2/7/16.

- Intention 1. On the night of the 2nd/3rd July at a time to be notified a raid will be made on the enemy's Trenches at 1.26.b.8 $\frac{1}{2}$.7 $\frac{1}{2}$. by 14th Battalion, 4th Infantry Brigade.
- Artillery 2. Centre Group will be the covering Artillery supported by the 10th, 11th, one Section 19th and one Section 18th (Inf. Sect) and three guns of the 104th Battery who will all be under Centre Group Commander for this operation.
- Diversion 3. 12th Battery, one Section of the 19th and one gun of the 104th Battery, Left Group, will create a diversion as per - Artillery Task attached.
Right Group will also create diversion.
- Time 4. ZERO time will be communicated to all concerned by the following code message
"Officers going on leave will report at _____ acknowledge".
Watches will be synchronised by Adjutant Left Group one hour before commencement of operation.
- Time Table 5. 0.0. Right Diversion commences.
 0.5. Left Diversion and main bombardment commences.
 0.10 Barrage.
- Reports 6. Reports to C.O. Left Group.
7. Acknowledge.

W. L. Fanning Lieut. Adj.
for Left Group.

Copy to File.
do. War Diary. ✓
do. D.A.H.Q.
do. 6th Inf. Brigade.
do. C.O. Centre Group.
do. C.O. Right Group.
do. 10th Battery.
do. 11th Battery.
do. 12th Battery.
do. 19th Battery.
do. 104th Battery.