

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

Artillery

Item number: 13/32/7

Title: Headquarters, 4th Australian Field
Artillery Brigade

September 1916



AWM4-13/32/7

September 1916

WAR DIARY

or

INTELLIGENCE SUMMARY

(Erase heading not required.)

4th Field Artillery Brigade 89 A. I. F

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
SAUSAGE VALLEY	1 st 2 nd		The situation was comparatively quiet & normal on our zone but there was more activity on our right than our left near FERME du MOUQUET. <i>WHRM</i>	Sheet 57 D. S. E. 1/10,000
do.	3.9.16	4.30am	The 4 th F.A. Bde barrage zone was widened to permit a greater concentration of fire being brought to bear on the FERME du MOUQUET Sector. <i>WHRM</i>	O.O. No 25 attached.
		5.30a.m.	Our barrage zone was brought in to its normal width and the barrage rate was increased. <i>WHRM</i>	
		3p.m.	Orders for the 4 th F.A. Bde to move out of the line were cancelled. <i>WHRM</i>	Div. Artillery Operation Order No 10.
ALBERT	4 th	10a.m.	The 4 th F.A. Bde moved out of the line to a rendezvous at the BRICKFIELDS AREA, ALBERT, and then marched to VADENCOURT WOOD via BOZINCOURT, INARLOY and SENLIS. The Brigade left BRICKFIELDS at 3pm and arrived at 5.30pm & bivouaced at VADENCOURT WOOD for the night. <i>WHRM</i>	
VADENCOURT WOOD	5 th	8.50am	The 4 th F.A. Bde marched to HEM as per Operation Order attached. <i>WHRM</i>	O.O. No 26 attached.
DOULLENS	6 th		The 4 th F.A. Bde entrained at DOULLENS as per Operation Order attached. The batteries detrained at POPERINGHE and marched into billets at BERTHE M (Ref map. 100,000 Sheet 5 A. HAZEBROUCK) <i>WHRM</i>	O.O. No 27 attached

VOLUME VI

September

WAR DIARY

or

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(Erase heading not required.)

69

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Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
HEM	6.9.16		Major F. HARBOTTLE O.C. 104 th Battery was admitted to hospital at DOULLENS suffering from dysentery <u>YMB</u>	
BERTHEM	8.9.16		Major J. D. LAVERACK was appointed to command 104 th Battery during the absence of MAJOR HARBOTTLE. <u>YMB</u>	
do	9.9.16		The 4 th F.A. Bde. marched to wagon lines at GH4688. See Operation Order <u>YMB</u>	No 28 attached.
YPRES.	10.9.16		The 4 th F.A. Bde relieved the Right Group of the 4 th Division Art. B.E.F. as per 2 nd Australian Div. Artillery Operation Order No 13.	
			Order FDI was sent issued to Right Group Batteries giving S.O.S and night lines and zones <u>YMB</u>	FDI attached.
do.	13 th 10 15 th		The Right Group was strengthened by the addition of the 15 th 14 th + 105 th Batteries + relieved some first divisional A.I.F batteries as per Operation Order No 29 attached. <u>YMB</u>	OO. No 29 attached.
do.	14 th		List of S.O.S + night lines + Battery zones given in Operation Order No 30 as per attached <u>YMB</u>	

YMB Capt.

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Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
YPRES.	16 th	5 pm to 5.30 pm.	Covering fire for Trench Mortar Registration as per Operation Order <u>YAB</u>	O.O. N° 31 attached.
do.	16 th / 17 th		At zero hour night 16 th / 17 th a special bombardment was carried out as per operation Order N° 32 attached <u>YAB</u>	O.O. N° 32 attached
do	17 th	4.30 pm.	The Groups were reorganized by the addition of a centre group. The 4 th F.A. Bde became Centre Group Head Quarters. For full particulars see Operation Order N° 33 attached <u>YAB</u>	O.O. N° 33 attached
do.	20 th		Instructions for holding the line & liaison barrages are given in Operation Order N° 34 attached <u>YAB</u>	O.O. N° 34 attached
do	26 th	4 pm. night.	Bombarded Enemy Trenches as per Operation Order <u>YAB</u>	N° 35 attached
do	28 th / 29 th	2.30 a.m.	A raid & bombardment was carried out as per Operation Order N° 36 after ten minutes the artillery ceased fire as the raiding party were unsuccessful. <u>YAB</u>	N° 36 attached

YAB
Capt

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Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
YPRES.	29 th	7.30 am.	Bombarded enemy trenches as per Operation Order <u>4113m</u>	<u>No 34 attached</u>
do.	14 th		6345 Gns GP Two gunners slightly wounded but remained at duty.	
	20 th		2 nd Lieut. J. S. SMITH wounded slightly, still at duty.	
	22 nd		2 nd Lieut. GABBERT sick, evacuated to hospital. <u>4113m</u>	
			<u>4113m</u> Capt.	
			B. G. Watts. Lt. Col. C.O. 4 th F. A. Bde.	

SECRET.

OPERATION ORDER No. 25

6

Ref. Map.
FERME DU MOUQUET
POISSONNES, 1/5000.

by Lt. Col. B.A.G. WATSON D.S.O.,
C.O., 4th F. A. Brigade,
2/9/16.

Intention 1. The 13th Australian Infantry Brigade will on morning of 3rd September attack the line

R.28.c.95 - 66 - 36 - 03.

R.27.d.94 - 73 - 42 - 12.

R.33.b.29 - 28 thence connecting with

R.33.a.77.

From point R.28.c.95 on the right a defensive flank will be formed to join with the present Eastern front.

No. 2 Company, 5th Battalion, Special Brigade R.W. will in the event of the wind being favorable cooperate from SKY X LINE TRENCH so as to establish a thick curtain of smoke across R.33.a.54 to 47 and in rear of that line.

- Time. 2. The attack will be delivered at zero time. Zero time will be communicated later. Time will be checked by 4th F. A. B. ^{Batteries} at 10 p.m. and 12 midnight, 2/3rd September
- Artillery Action 3. The action of the 4th F. A. B. 18 pdr. Batteries will be as per Task Table attached.
- Flares 4. Contact patrols will be in the air ~~at~~ two hours, four hours and eight hours after Zero, at which hour red flares will be shown by the advanced troops.
5. Acknowledge.

J.H. Benneman Capt. Adj.
4th F. A. Brigade.

TASK TABLE.

Phase.	Time	Battery	Objective	Rate of Fire.
1	O.C. to 0.20.	12th	R.35.d.40.50. to R.35.d.60.33.	One rd.
		11th	R.35.d.60.33. to R.35.d.85.15.	per gun
		10th	R.35.d.85.15 to X.5.a.10.90.	per min.
2.	4.30 a.m. to further orders.	12th	R.35.a.60.20. to R.35.d.25.85.	
		11th	R.35.d.25.85 to R.35.d.80.45.	
		10th	R.35.d.30.45 to R.36.e.40.00.	

In case of S.O.S. signals after 4.30 a.m. being given in Sector - -

R.28.d.40.00. - R.36.e.40.00.

the 47th Div. Art. will assist and the following will be the S.O.S. Zones for 4th F. A. B. 18 Pdr. Batteries.

Battery.	S.O.S. Zones.
12th	R.35.a.30.60 to R.35.a.70.20.
11th	R.35.a.70.20 to R.35.d.05.75.
10th	R.35.d.05.75 to R.35.d.40.50.

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

69
69
Secret

APPENDIX.

Copy. No. 2

4th FIELD ARTILLERY BRIGADE OPERATION ORDER No. 26

by Lt. Col. B.A.G. WATTS D.S.O.,
C.O., 4th F. A. Brigade,
4/9/16.

Ref. LENS 1/100,000.

1. 4th Field Artillery Brigade will march via TOUTENCOURT, RAINCHEVAL, skirting BEAUQUESNE, GEZAINCOURT to HEM.
2. The Camp will be the starting point.
3. The head of column will pass starting point at 8.45 a.m. on 5th inst.
4. Order of March, Headquarters, 10th, 11th, 12th and 104th Batteries, Baggage Wagons.
5. Advance party, two men per Battery will report at 7.45 a.m. to Adjutant.
6. Batteries will leave the lines clean and send in a report to Headquarters, stating that the lines were left clean.

W. Berryman Capt. Adj.
4th F. A. Brigade.

Issued at 8.45 p.m. on 4/9/16.

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

Copy No. 2.
Secret
69

APPENDIX.

4th FIELD ARTILLERY BRIGADE OPERATION ORDER No. 27

8

by Lt. Col. B.A.G. WATTS D.S.O.,
C.O., 4th F. A. Brigade.
4/9/16.

Ref. Maps. LENS & HAZEBROUCK
1/100,000.

1. 4th F. A. Brigade will entrain on 6th September as per entrainment table attached.
2. An Officer will precede each Unit to the Station and report to R.T.O. He will take with him a complete marching out state - - showing the number of Officers, Other Ranks, horses and mules four and two wheeled vehicles to enable the R.T.O. to check accommodation before entrainment begins.
3. Entraining Officer at DOULLENS N., Lieut. MEATES.
4. Detraining Officer at HAZEBROUCK, Lieut. WALKER.
5. No troops or transport will enter Station until the R.T.O. is ready for them. Strict traffic control will be necessary to prevent congestion at DOULLENS.
6. Moves of troops from billets to Station must be regulated so that transport arrives three hours and remainder of Unit 1 1/2 hours before the time fixed for departure of train.

Issued at 9.15 p.m.

W. Berryman Capt. Adj.
4th F. A. Brigade.

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

Entrainment Table to 4th F. A. Brigade O.O. No. 27.

Unit.	Station	Date.	Transport to Arrive.	Train Departs.
H.Q., 10th. Bty. No. 1 Sec. 2nd DAC.	DOULLENS NORTH	6th sept.	3.19. a.m.	6.19 a.m.
11th Bty. 1/4 No. 1 Sec. 2nd D.A.C.	do.	do.	6.04 a.m.	9.04 A.M.
12th Bty. 1/4 No. 1 Sect 2nd D.A.C.	do.	do.	9.19 a.m.	12.19 p.m.
104th Bty. 1/4 No. 1 Sec. 2nd D.A.C.	do.	do.	12.34 p.m.	15.34. 3.34 pm

APPENDIX.

Copy No. 24

4th F. A. BRIGADE OPERATION ORDER No. 28

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Ref. Maps.

HAKKENOUCK, Sheet 5A, 1/100000.

BELGIUM Sheet 28 S.W., 1/20000.

by Lt. Col. F.A.G. WATTS D.S.O.,
C.O., 4th F. A. Brigade,
9/9/16.

1. The 4th F. A. Brigade will move from Wagon Lines at BERTHEN and to new Wagon Lines at G.24.b.S.S. on the 9th inst.
2. Starting Point. Cross Roads, BERTHEN.
3. Order of March. 10th Battery, 11th Battery, 12th Battery, 104th Battery, Headquarters Staff.
10th Battery will pass the starting point at 2.30 p.m.
4. Route. HAKKEN, HENINGHELSST, to G.24.b.S.S.

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

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

F.D.I.
SECRET.

Headquarters,
4th F. A. Brigade, 10/9/16.

1. S.O.S. signal is one green asteroid rocket.
2. The following will be the Battery S.O.S. Zones and night lines.

Battery.	S.O.S. Zone		Night Lines.
10th	I.30_b.9.7. to J.19.c.00.35.	Trench Junctn.	I.30_b.9.7. I.30_b.88.86. I.19.c.00.14. I.19.c.03.30.
		do.	
		do.	
		do.	
12th	J.19.c.00.35 to J.19.c.84.25. 25.84		J.19.c.00.35. J.19.c.25.46. J.19.c.27.63. J.19.c.27.78.
11th	J.19.c.84.25. to J.19.a.5.5. 25.84		J.19.c.27.83. J.19.a.50.00. J.19.a.50.35. J.19.a.50.50.

3. Acknowledge by wire.

L.H. Berryman Capt. Adj.
4th F. A. Brigade.

Issued at 7pm.

10th. Battery.
11th. Battery.
12th. Battery.

by Lt. Col. E.A.G. BATTY D.S.O.,
C.O., Right Group,
2nd Div. Artillery.
13/9/16.

1. The following artillery reliefs between the Left Group, 1st - Australian Divisional Artillery and Right Group, 2nd Australian Divisional Artillery will be carried out on the nights of the 13th/14th and 14th/15th September.

14th Battery	will relieve	the 6th Battery.
15th Battery	do.	the 7th Battery.
12th Battery	do.	the 9th Battery.
105th Battery	do.	the 103rd Battery.

Reliefs will be carried out by Sections, one section on night of 13th/14th, and one section on night of 14th/15th.

2. Guns will be handed over in position. Battery Commanders will make mutual arrangements as to exchange of stores. Guns handed over to outgoing units will be delivered by 2nd - Australian Divisional Artillery Batteries to Lagon Lines of 1st Australian Divisional Artillery Batteries. Details will be arranged between Battery Commanders.

The following are the positions of the Lagon Lines referred to.

7th Battery,	G.29.c.5.4.
9th Battery	G.23.c.8.0.
103rd Battery	G.29.a.2.2.

3. All ammunition will be taken over at gun pits and receipts given. A statement of ammunition taken over will be forwarded to this Office on completion of relief.
4. All maps, air photos, log books, etc., will be taken over by ingoing units.
5. Copies of indents for building material will be taken over by ingoing Battery Commanders.
6. Command of Batteries will pass to ingoing Battery Commanders on completion of relief.
7. Reports of each Relief will be forwarded to both C.O. Left Group 1st Australian Divisional Artillery and C.O. Right Group, 2nd - Australian Divisional Artillery.
8. Acknowledge.

Issued at 6pm

J.M. Berryman
Capt. Adj.
4th F. A. Brigade.

- No.1 Copy to File.
No.2 do. War Diary. ✓
No.3 do. 12th Battery.
No.4 do. 14th Battery.
No.5 do. 15th Battery.
No.6 do. 105th Battery.

OPERATION ORDER No. 29

by Lt. Col. S.A.G. WATTS D.S.O.,
C.O., 4th F. A. Brigade,
13/9/16.

1. The following Artill

Secret.

Copy No. 2

OPERATIONAL ORDER No. 10.

by Lt. Col. B.A.S. WATTS D.S.O.,
C.O., Night Group,
14/9/16.

1. The following will be the zones allotted to Batteries from 6 p.m. on the 14th inst.

11th Battery.	J.19. a. 5. 5.	to J.19.c.25.80.
10th Battery	J.19. c.25.80.	to J.19.c.00.13.
12th Battery	J.19. c.00.13.	to 1.30.b. 6. 4.
13th Battery	1.30.b. 6. 4.	to 1.30.c.80.85.
14th Battery	1.30. c.80.85.	to 1.29. d.9. 5.
104th Battery	J.19. a. 5. 5.	to 1.30.b. 6.4.
105th Battery	1.30. b. 6. 4.	to 1.29.d. 9.5.

2. The following will be the night lines allotted to Batteries from 6 p.m. on the 14th inst.,

11th Battery	J.19.a. 5. 5. -5.3 -5.0. = J.19.c.25.80.
10th Battery	J.19.c.25.70.- 25.45.- 15. 20. = 05.15.
12th Battery	1. 30. b.90. 87. =90.70.- 90.50.- J. 25. a.22.98.
15th Battery	1. 30.b. 6.1.- 40.00.- 1.30.d.25.90.-45. 05. 95.
14th Battery	1. 30.c.75. 80.- 5.7.- 4.7.- 1.29.d.9. 5
104th Battery	J.19. a.9.1.- J.19.c.65.40.- J.25.a.4585 J.25.a.23.55.
105th Battery.	J.25. c.05.45.- 1.30.d.25. 60.- 1.30. c.75. 20.- 1.30.c.8. 0.

3. Firing for retaliation will be in the nature of Battery Salvoes, single guns must on no account be fired at night.

4. Acknowledge by wire.

Issued at 5.15 pm

H. H. W. W.

Capt. Adj.
4th F. A. Brigade.

- Copy No. 1, File.
- 2. War Diary.
- 3. 10th Battery.
- 4. 11th Battery.
- 5. 12th Battery.
- 6. 14th Battery.
- 7. 15th Battery.
- 8. 104th Battery.
- 9. 105th Battery.

Secret.
Copy No.

OPERATION ORDER No. 31.

by Lt. Col. B.A.G. WATTS D.S.O.,
C.O., Right Group,
16/9/16.

Ref. Map ZILLEBEKE, 1/10000.

1. From 5 p.m. to 5.30 p.m. this evening the 2" Trench Mortars will register on the German Trenches in J.19.c. and I.30.b.
2. The 18 pdrs. of the Right Group will cover this registration with fire on the night lines which were issued in O.O. No. 30.
Rate of fire, One round per gun per minute.
3. 104th Howitzer Battery will shell front and support trenches J.19.c.3.7. and J.19.a.5.8. Rate of fire, One round per How. per minute.
4. All Batteries will cease fire at 5.30 p.m.
5. Watches will be synchronised at 4.30 p.m.
6. Acknowledge by wire.

- Copy No. 1, File.
2. War Diary.
 3. 5th F. A. Brigade.
 4. 10th Battery.
 5. 11th Battery.
 6. 12th Battery.
 7. 14th Battery.
 8. 15th Battery.
 9. 104th Battery.
 10. 105th Battery.

H. Berryman Capt. Adj.
Right Group.

APPENDIX.

Secret.
Copy No. 2

OPERATION ORDER No. 32.

by Lt. Col. P.A.C. WATTS D.S.O.,
C.O., NIGHT GROUP
16/9/16.

Ref. Map. ZILLEREE, 1/10000.

1. At Zero hour tonight, 16th/17th September, all 18 pdrs. will open fire on their S.O.S. lines. Rate of fire, 3 rounds per gun per minute.
2. At Zero plus 5 minutes to Zero plus 10 minutes, all 18 pdrs. will search main communication trenches on their respective areas for a depth of 1000 yards. Rate of fire, 3 rounds per gun per minute.
3. At Zero plus 10 minutes to Zero plus 12 minutes, all 18 pdrs. will fire on their S.O.S. lines. Rate of fire, 3 rounds per gun per ~~min~~ minute.
4. From Zero to Zero plus 15 minutes, all 4.5" howitzers will fire on their night lines. Rate of fire one round per how. per minute.
5. The 11th Battery will not fire as their zone will be taken over by the 16th Battery.
6. 16th Battery Zone, J.19.a.55.-J.19.c.25.80.
S.O.S. and Night Lines, J.19.a.5.5.- 5.3.- 5.0. - J.19.c.25.80.
7. All fire will be in the nature of Battery Salvoes. On no account will a single gun be fired by itself.
8. Watches will be synchronised at 11.15 p.m.
9. Zero hour will be 12.15 a.m.
10. Acknowledge by wire.

- Copy No. 1, file. Issued at 6.20
2. War Diary
 3. 5th W. A. Brigade.
 4. 10th Bty.
 5. 11th Battery.
 6. 12th Bty.
 7. 14th Bty.
 8. 15th Bty.
 9. 16th Bty.
 10. 104th Bty.
 - 11th 105th Bty.
 - 12 & 5th Inf. Brigade.

P.A.C. Watts Capt. Adj.
Right Group.

APPENDIX.

Secret

OPERAT ON ORDER No. 33

by Lt. Col. B.A.G. WATTS D.S.O.,
C.O., Centre Group,
17/9/16.

Ref. Map. Z HLEBEKE, 1/10000.

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1. At 4.30 p.m. on the 17th inst., the Batteries will be re-grouped as follows.

Centre Group, - Lt. Col. B.A.G. WATTS D.S.O.,

<u>Battery.</u>	<u>Zone.</u>	<u>Trenches covered.</u>
10th	J.19.a.5.5. to	63
11th	to	to
16th	to	54
104th	1.30.b.6.4.	inclusive.

Right Group, - Lt. Col. H.W. LLOYD D.S.O.,

<u>Battery.</u>	<u>Zone.</u>	<u>Trenches covered.</u>
12th	1.30.b.6.4.	53
14th	to	to
15th	to	46
105th	1.30.c.0.5.	inclusive.

2. The following are the Zones, S.O.S. and night lines for the Centre Group Batteries.

<u>Battery.</u>	<u>Zone.</u>	<u>S.O.S. and Night Lines.</u>
11th	J.19.a.5.5. to J.19.d.25.40.	J.19.c.25.45. J.19.c.25.70. J.19.a.5.0. J.19.a.5.5.
16th	J.19.c.25.40 to 1.30.b.87.95.	J.25.a.20.95. J.19.c.05.15. J.19.c.15.24. J.19.c.10.35.
10th	1.30.b.87.95 to 1.30.b.6.4.	1.30.b.85.90. 1.30.b.85.70. 1.30.b.7.5. 1.30.b.6.4.
104th	J.19.a.5.5. to 1.30.b.6.4.	J.25.a.23.55. J.25.a.45.95. J.19.c.65.40. J.19.a.9.1.

3. The Centre Group will establish liaison with the Centre - - Battalion. Centre Battalion Headquarters, DORRY HOUSE, 1.23.a.6.5.

4. The 11th, 16th and 104th Batteries in this rotation will detail Liaison Officers for Centre Battalion Headquarters. On the 18th inst. the 104th Battery will detail the Liaison Officer. His tour of duty will commence at 6 p.m. and he will be relieved at 6 p.m. on the 19th by an officer from the 11th Battery. The Liaison Officer will take a telephonist with a telephone.

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5. Each Battery will establish its own O.P. and will man this O.P. during the hours of daylight.

6. An S.O.S. Station for night use only will be established at YECMANNY POST. This post will be manned by an N.C.O. and a telephonist and will be supplied by the Battery which supplies the Liaison Officer the same night. This N.C.O. will keep in constant touch with the Liaison Officer at DONEY HOUSE. At 6 p.m. on the 18th the 104th Battery will supply this N.C.O. and telephonist and then in rotation 11th, 10th and 104th Batteries.

7. Batteries will render a written Intelligence report to reach this Office not later than 5 p.m. daily. This report will cover the preceding 24 hours. In addition to the written report an Intelligence Wire will be sent in by each Battery at 7.30 a.m. daily

8. Acknowledge.

Issued at *Cpm*

[Signature]
Capt. Adj.
Centre Group.

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

OPERATION ORDER No. 34

by Lt. Col. E.A.G. WATTS D.S.O.

C.O., CENTRE GROUP

20/9/16

17

ARTILLERY INSTRUCTIONS FOR HOLDING THE LINE.
CENTRE GROUP.

Reference Map, 2 ILLERBEKE, 1/10000.

1. The 2nd Divisional Front extends from I. 29.b. 7.0. to the YPRES - MENIN ROAD I.18.a.1.7. The Infantry holding the front consists of one Brigade reinforced by two Battalions. The front is divided into three Battalion fronts as under

Z. Sector, I.29.b.7.0. to I.30.b. 6.4.

Y. Sector, I.30.b.6.4 to J.19.a. 5.5.

X. Sector, J.19. a. 5.5. to I.18.a.1.7.

The Centre group is supporting the Battalion holding Y. Sector, the Right Group Z. Sector, and Left Group, X. Sector.

2. In case of any group requiring assistance from any other Group in case of S.O.S. the following is the procedure.

~~S.O.S.~~

"Z" Sector attacked, the following code is sent "BARRAGE Z" On receipt of this code message the 10th Battery will barrage I.30.b.1.0 to I.30.b.6.4.

"X" Sector attacked, the code will be "BARRAGE X", On receipt of this code message, the 11th Battery will barrage J.19. a.5.5 to J.13.b.1.2.

Fire will be opened at the rate of three rounds per gun per minute, and failing the receipt of further orders will be maintained for ten minutes, then two rounds per gun per minute for five minutes, followed by one round per gun per minute until definite information as regards the situation has been received.

3. (a) In event of an attack on "Y" Sector, the S.O.S. call giving the number of the trench opposite which the attack is being made - from will be sent by telephone direct to the Battery covering that trench. This Battery will repeat the call to the other Batteries of the Group and to Group Headquarters.

Example:- S.O.S. Trench 57.

If the attack comes from more than opposite one trench the call will be as in the following example, S.O.S. Trenches 55, 56 and 57.

(b) In addition to telephone calls S.O.S. Rockets may be fired from any of the following points

Attack on Z. Sector. from I.24.d.5.1 $\frac{1}{2}$
I.30.a.8 $\frac{1}{2}$.2 $\frac{1}{2}$
I.24.c.7.2.

and Battalion Headquarters, I.23.c.8.6.

Attack on Y. Sector. from Junction of CRAB CRAWL and Front Line.
from Junction of VANCOUVER AV. and VIGO STREET
from Junction of HILL ST. and WARRINGTON AV.
from Junction of LOVERS WALK and NEW BYDAND AV.

Attack on X. Sector. from I.24.b.3.7. (Trench 63.)
from I.18.a.1.9. (Trench 70.)
from I.17.b.3.7. (Trench 74).
from I.17.c.3.6.

from Battalion Headquarters I.22.b.4.8

(c) F.O.Cs. will endeavour in addition to pass through information by telephone or runner that will help to clear up the situation and in the event of our troops losing the line will establish O.Ps. from which observation can be carried out.

Battery Commanders will select O.Ps. from which our present line can be observed, in case of our infantry losing that line.

(d) The following will be the procedure in case of S.O.S. on the Group Sector.

Batteries will open fire at once on their lines and in default of further orders the procedure will be as follows:-

18 pdrs. Three rounds per gun per minute for ten minutes, two rounds per gun ^{per minute} for five minutes, one round per gun per minute until definite information as regards the situation has been received.

4.5" How. One round per Howitzer per minute for 15 minutes, and then as the situation demands.

4. In case of a Gas Attack, the call will be as for S.O.S. excepting that the letters "G.A.S." will be substituted for S.O.S.

(b) In case of gas being emitted on the group front the following will be the procedure.

Gas emitted between J.30.b.6.4. to J.19.c.3.4^{1/2} & support
10th and 11th Batteries will fire H.E. on the front line from which the gas is being emitted and the 16th Battery will fire shrapnel on the front line

Gas emitted from J.19.c. 3.4^{1/2} to J.19. a.5.5.

10th and 11th Batteries will fire H.E. on the front and support line at the point, and the 16th Battery will place a barrage of shrapnel in "No Man's Land".

The 104th Battery in either of the above cases will bombard the enemy support trenches behind the point of emission.

Rate of Fire. In default of other orders the rates of fire will be as follows:

18 pdrs. Three rounds per gun per minute for five minutes, followed by one round per gun per minute until such time as gas cloud has disappeared.

4.5" How. One round per howitzer per minute until such time as the gas cloud has disappeared.

5. In case of an S.O.S. call following a gas attack, the rates of fire will be as laid down in Para 3(d) above.

Issued at

3/11/18

J.H. Perryman

Capt. Adj.
4th S. A. Brigade.

- Copy No. 1. File.
2. War Diary.
3. 10th Battery.
4. 11th Battery.
5. 16th Battery.
6. 104th Battery.
7. 5th Inf. Brigade H.Q.

APPENDIX.

69
Secret.

OPERATION ORDER No. 35

Copy No. 2, 19

by Lt. Col. B.A.G.WATTS D.S.O.,
C.O., 4th F.A. Brigade, CENTRE GROUP
26/9/16

Ref. Map. ZILLEBEKE? 1/10000.

1. At ZERO hour 26/9/16 the 2nd Australian Divisional Artillery will bombard enemy's trenches at positions as per Task table attached
2. ANZAC Heavy Artillery are co-operating.
3. The 1st Australian Divisional Artillery are co-operating on our Right flank.
4. F.O.Os. and Batteries will report immediately the enemy begins to retaliate.
5. If it is necessary to repeat our bombardment orders to this effect will be given from CENTRE GROUP Headquarters.
6. All ammunition used in the bombardment will be H.E.
7. ZERO Hour will be 4 p.m.
8. Watches will be synchronised by CENTRE GROUP Headquarters at 3 pm
9. Acknowledge by wire.

Issued at 12.30 p.m.

J. W. Berryman Capt. Adj.
CENTRE GROUP.

- Copy No. 1, File.
2. War Diary. ✓
 3. 10th Battery.
 4. 11th Battery.
 5. 16th Battery.
 6. 104th Battery.

TASK TABLE. issued with U.O.35.

Centre Group.

Battery.	Time.	Objective.	Rate of Fire.	Remarks
10th	0 to 15	J.25.a.1.5½. to J.23.a.2½.5.	2 rds. per gun per minute	Strong positions and probable M.G. Emplacements
11th	do.	J.19.a.5.0. to J.19.a.5.1.	do.	do.
16th	do.	J.19.c.4.2½ to J.19.c.5.4½	do.	do.
104th	do.	J.19.b.0.5 to J.19.b.3.7.	1 round per how. per minute	Trench Junction and dugouts.

SECRET.

OPERATION ORDER No. 36

21

by Lt. Col. B.A.G. WATTS D.S.O.,
C.O., 4th CENTRE GROUP
28/9/16.

Ref. Map. Z ALLEBEKE, 1/10000.

- Intention. 1. On the night of the 28th/29th inst., at 2.30 a.m. the 2nd Australian Division will carry out a raid on the enemy's trenches at J.19.c.7.6.
- Artillery Action 2. The raid will be supported by Artillery fire. The action of the Artillery will be as laid down in - - - Artillery Task Tables attached.
- Liaison 3. The following liaison Officers have been detailed and will be present with Capt. BRUCE, 18th Battalion, O.C. Attack.
1st Liaison Officer, Lieut. STEELE, 11th Battery.
2nd Liaison Officer, Lieut. JUSTELIUS, 104th Battery.
- Communications 4. The 11th Battery will lay a line from B.K.O. to the Liaison Officers with O.C. Attack.
- Signals 5. In case of a breakdown in the telephonic communications the signal for the withdrawal of the raiding party is
(1) By whistle (Rally)
(2) By white flare fired horizontally towards enemy by O.C. Attack.
In case of a breakdown in the telephonic communications the signal for "Cease Fire" will be
Two green rockets fired in quick succession by O.C. Attack.
- Zero Time 6. The assault will take place at ZERO time. The Artillery will open fire at 0.1 minute. If any alteration in ZERO time is ordered the following code message will be sent.
"Water will be sent tomorrow at "Acknowledge".
- Watches 7. Watches will be synchronised One hour before ZERO time
- Reports 8. The C.O., CENTRE GROUP will be at DORMY HOUSE until the completion of the operation after which all reports will be sent to CENTRE GROUP Headquarters, LILLE GATE.

9. Acknowledge.

Issued at 7.30pm.

Lt Berryman Capt. Adj.
CENTRE GROUP.

- Copy No. 1. File.
2. War Diary.
3. 10th Battery.
4. 11th Battery.
5. 5th Inf. Brigade.
6. 19th Battery.
7. 13th Battery.
8. 104th Battery.
9. 105th Battery.
10. 106th Battery.

TASK TABLE.

Battery	Time	Objective.	Rate of Fire	Remarks.
13th	0.1 to "Cease Fire".	J.19.c.2 $\frac{1}{2}$.8 to J.19.c.4.8.	4 rounds per gun per minute for 10 min- utes. Subsequent rates of fire 0.11 to 0.16 3 rounds per gun per minute. 0.16 to 0.21, 2 rounds per gun per minute. 0.21 to "Cease Fire" 1 round per gun per minute.	
11th	do.	J.19.c.4.8. to J.19.c.3.6	do.	
19th	do.	J.19.c.3.6 to J.19.c.2.4 $\frac{1}{2}$	do.	
10th	do.	J.19.c.2.4 $\frac{1}{2}$ to J.19.c.1.5	do.	
106th	0.1 to 0.21	J.19.c.3.9 $\frac{1}{2}$.to J.19.c.3 $\frac{1}{2}$.7 $\frac{1}{2}$	2 rounds per how- itzer per minute.	Enemy's support lines
104th	do.	J.19.c.4 $\frac{1}{2}$.7 $\frac{1}{2}$ to J.19.c.5.5.	do.	do.
105th	do.	J.19.c.5.5 to J.19.c.3.2.	do.	do.
Two 2" Trench Mortars	0.1 to 0.16	J.19.c.1 $\frac{1}{2}$.8 to J.19.c.1 $\frac{1}{2}$.7 $\frac{1}{2}$.	Quickest Rate possible.	Front Line.
Two 2" Trench Mortars	do.	J.19.c. $\frac{1}{2}$.4 $\frac{1}{2}$ to J.19.c. $\frac{1}{2}$.3 $\frac{1}{2}$	do.	do.
V2A Heavy Trench Mortars	do.	I.30.b.9.2 $\frac{1}{2}$.	do.	do. <i>Strong pl.</i>

SECRET.

Copy No. 2

23

69

OPERATION ORDER No. 37

by Lt. Col. B.A.G. WATTS D.S.O.,
C.O., CENTRE GROUP.

Ref. Map. 2 ALLEBEEK, 1/10000.

- Intention 1. On the morning of the 29th a trench mortar bombardment will take place at a time to be notified later.
- Artillery Action 2. The Artillery will cover the trench mortar bombardment as per task table attached.
- Zero Time 3. ZERO time will be communicated to all batteries concerned by the message "Ration Returns must reach this Office at AAA Acknowledge".
- Reports 4. To CENTRE GROUP Headquarters, LILLE GATE.
- Watches 5. Watches will be synchronised one hour before ZERO time.
6. Acknowledge by wire.

Issued at 7.30 pm

J.A. Berryman Capt. Adj.
CENTRE GROUP.

- Copy No. 1. File.
2. War Diary. ✓
3. 10th Battery.
4. 11th Battery.
5. 15th Battery.
6. 104th Battery.
7. 105th Battery.
8. 106th Battery.
9. 5th Inf. Brigade H.Q.

TASK TABLE.

Battery.	Time	Objective	Rate of Fire	Remarks.
104th	0 to 15	J.19.c.2.3. to J.19.c.4.6	One round per how- itzer per minute.	Search Sup- port Tren- ches.
106th	0 to 15	J.19.c.3.7. to J.19.c.3.8 $\frac{1}{2}$	do.	do.
105th	0 to 15	J.25.a.0.6 to J.25.a.3.6.	do.	do.
11th	0 to 15	J.19.a.3.8 to J.19.c.3.2.	do.	do.
10th	0 to 15	J.19.c.4.2 to J.25.a.2.6	do.	do.
15th	0 to 15	J.25.a.2.6 to L.30.b.8.4	do.	do.