

**AWM4**

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

**Engineers**

**Item number:** 14/10/31 Part 9

**Title:** Headquarters 4th Australian  
Divisional Engineers

**6 - 19 - August 1918**



**AWM4-14/10/31PART9**

51

To C.R.E.

Honours and Rewards.E.G.T.  
1861

Place. near CERISY, 8.8.18.

Sgt. ARTHUR E.

DEAN  
CAMPBELL

Extreme gallantry and great initiative during an attack. The flanking Troops being held up by a German machine gun nest containing two guns, Sapper DEAN rushed forward, calling to Sapper CAMPBELL to support him, and under intense fire from the machine guns and rifles advanced several hundred yards into the enemy's country to within a few yards of the guns. The enemy machine gunners then hoisted a white flag and followed by about 30 other men surrendered to the two sappers.

When these guns were out of action the English D Troops who had previously been held up by their fire were enabled to advance more than half a F Z mile. This had the effect of clearing the approach to the bridge and opened the first lateral communication across the Somme at a most critical juncture, besides enabling the flanking troops to occupy G G

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a very important height which dominated the whole portion occupied by our troops and from which a very destructive artillery and machine gun fire had been maintained.

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I attach statements in duplicate signed by Hapl. Randell and Spt. Turner to which they are prepared to swear.

I suggest DEAN, frc. and Campbell for D.C.M. also hint that frc. you already have details in his case. Full names sent you tonight.

Clare Randell

6965

193.

## APPENDIX 6.

600.

Statement by no. 4398. Spr. O.H. TURNER. 12<sup>th</sup> Field Cos. A.E.

On 8<sup>th</sup> August we were in the attack and at the bridge just north of CERISY. We were working on the tracks north of the river.

I saw sappers CAMPBELL and DEAN going towards a German machine gun which had been firing at us. The gun kept on firing until they were within a few yards of it and then the enemy put up a white flag and came ~~up~~ out with their hands up. There were at least 25 of them and they surrendered to Campbell and Dean. After that the English troops advanced without trouble and we went on with our work. Campbell and Dean brought in the guns, one was a Lewis and the other a light German maxim.

Oscar H Turner



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## APPENDIX

Col. Dyer.10.8.18Rif. Honours.CER 187. 8.8.18

The facts seem to be:- Lieut. Hunt went to bridge to reconnoitre, crossed it and went on to inspect bridges on opposite side of river. He was fired on continuously by a m.g. and by several riflemen at a range of 300 yds. His runner was hit and his leg broken. Lieut Hunt then carried him back a

distance of about ~~400~~<sup>200</sup> yds. under fire the whole time. The man was wounded again twice during the journey. He then went forward again and with a small party repaired the road on the north side of the bridge.

As the machine guns and rifles were still troubling them two men Srs. DEAN and CAMPBELL rushed over to the guns and as they approached the crews surrendered and were

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3.  
followed by a large party variously  
estimated at from 40 to 100 Germans who  
came over with their hands up.

The two men then beckoned to  
the English troops who were sitting  
down on top of the rise and they  
came down and took charge of the  
prisoners. The two men seized the guns  
which proved to be a light German gun and a British  
which proved to be a Lewis gun.

Sgt. Hart then brought up  
his bridge under direct fire from  
the battery which did no much

damage to the artillery earlier in  
the day and got ~~them~~ to the water  
still under fire from the CHIRILLY  
heights, both m.g. and rifle, at  
this time the report reached me that  
the German bridge was still standing  
and I ordered them to withdraw which  
they did.

The action of Spts. DEAN and  
CAMPBELL had a considerable  
tactical effect, enabling the

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APPENDIX

5.

the English Troops to advance a distance of about half a mile and also clearing the bridge site and opening a valuable and also the first lateral communication across the Somme.

• Reg. Lieut Fraser.

This Officer carried out a very daring reconnaissance of bridges while the enemy was still in possession of the other side of the river and constantly fired on him with machine guns and rifles. His accurate location of guns which were particularly troublesome must have been of

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great value ~~not~~ in enabling  
our artillery to deal with them.

I think he well deserves a M.C.  
if you can get it.

I would also like to mention  
Sgt Cooper who did very valuable  
work but it is hard to find a  
peg on which to hang anything.

But he did very valuable work  
in reconnoitring for bridges under  
heavy fire. He has been

with us a long time and  
always done very good work  
and if you think there is a  
chance try for a M.C.

John Redill

I am getting Christian names  
in tonight.

APPENDIX 6  
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Names.

Sgt. RALPH A HUNT.

no. 5057. W. CAMPBELL

no. 6211 A.E. DEAN  
ARTHUR E DEAN

I think that Sgt. Hunt might  
be put up for D.S.O. and of the  
other two one might be V.C. and  
the other D.M. It sounds a lot  
but was a wonderfully good stunt;  
I will find out who was the leader.

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APPENDIX

Sgt. Sarina

12.8.18.

Please fill in and return to RE. as soon as possible

No.	Christian Names.	Surname	Rank.	
—	RALPH ALEC.	HUNT	Lieut.	all of no. 3 Sec.
6211	ARTHUR EDWIN	DEAN	Spr.	
5057	WILLIAM	CAMPBELL	Spr.	

Clare Russell. Sec.

Feb 1918

4th Aust. Div. Engrs.

4th Australian

Australian

14th August 1918.

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12th Pd. Co.  
A.E.Lieutenant  
Ralph Alec HUNT.

For extreme gallantry and great initiative O.C. 12th V.C.  
during the operations on the morning of 8th August 1918 near CHRISSY, east of CORBIE.  
A.E.

Lieut. HUNT was sent forward to reconnoitre the bridge just north of CHRISSY, and the two small bridges on the northern bank of the river SOIME. On reaching the spot about 10 a.m. he found that the enemy was still in possession of the northern bank of the river. Though continuously under machine gun and rifle fire, he crossed the bridge to the enemy's side of the river with a small party, and, whilst still under direct fire from 300 yards, repaired a shell hole in the track, and he then persevered with his reconnaissance, taking one sapper only with him. He was examining one of the smaller bridges, when his man was hit, and had his leg broken. Lieut. HUNT carried him back a distance of 300 yards to a place of safety, being under fierce fire the whole time, during which the wounded man was again twice hit with bullets.

Lieut. HUNT then brought up - under direct artillery fire from the CHIPILLY heights, and machine gun and rifle fire - five waggons loaded with pontoons, and took them close to the water's edge preparatory to forming the bridge. The journey to the river was beset with difficulties; the waggons with their awkward loads had to move very slowly through the streets of CHRISSY, owing to the roughness of the track, the town being under artillery fire at point blank range.

He then furnished an accurate report on the state of the roads and bridges in the neighbourhood.

C.R.E.  
4th A.D.

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4th Aust. Div. Engrs.

4th Australian

Australian

14th August 1918.

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APPENDIX

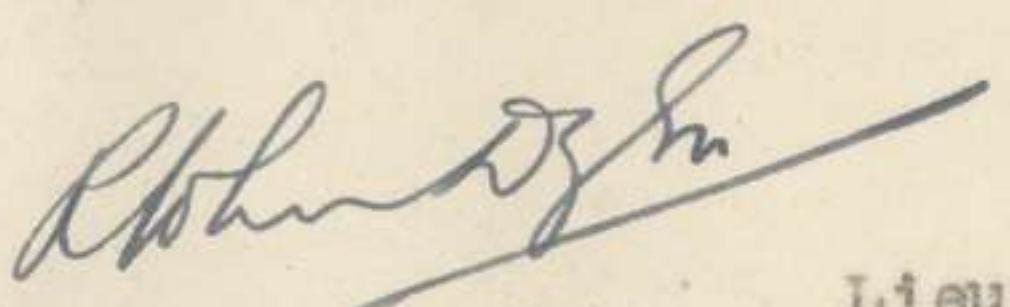
12th Fd. Co.  
A.E.

Lieutenant  
Ralph Alec HUNT.

His O.C., acting on the information received, decided that the erection of the bridge was unnecessary, and accordingly Lieut. HUNT was instructed to withdraw his waggons and party. This was done in the same gallant way.

His coolness, courage, and excellence of work and reports under very trying and dangerous circumstances, are deserving of the highest praise, and his example of initiative, unselfishness, and gallantry has been an inspiration to his men.

O.C. 12th V.C.  
Fd. Co.  
A.E.  
C.R.E.  
4th A.D.

  
Lieut-Colonel,  
C.R.E. 4th AUSTRALIAN DIVISION.

Major-General,  
Commanding 4th AUSTRALIAN DIVISION.

Received.

Passed.

14-8-18.

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4th Aust. Div. Engrs.

4th Australian

Australian

14th August 1918.

File No. 1

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61  
APPENDIX  
13th Fd. Co. 6211 Sapper  
A.E. Arthur Edwin  
DEAN.  
6057 Sapper  
William CAMPBELL.

For exceptional gallantry and extreme devotion to duty, during the operation on 8th August 1918, near CHERSY, east of CORBIE. The troops on the left flank of the 4th Aust. Div. operating North of the River SOMME were held up by a party of Germans in a machine gun nest. Seeing this, Sapper DEAN called to Sapper CAMPBELL to support him, and together these sappers rushed forward over a distance of several hundred yards under intense fire from machine guns and rifles. On approaching the post the enemy hoisted a white flag, and between 30 or 40 Germans with 3 machine guns surrendered to the two sappers.

The English troops were then able to advance about half a mile without much opposition, thus clearing the approaches to a bridge in the vicinity, and opening up the first lateral communication across the SOMME at a most critical juncture. From the heights thus gained very valuable observation was obtained which paved the way for the clearing of CHIPILLY and the heights above it.

O.O. 13th  
Fd. Co. V.C.  
A.E.  
C.R.E.  
4th A.D. V.C.

Received. Passed.  
14-8-18.

R. H. D. J. /  
Lieut-Colonel,  
C.R.E. 4th AUSTRALIAN DIVISION.

Major-General,  
Commanding 4th AUSTRALIAN DIVISION.

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S E C R E T.

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Copy No.

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## FOURTH AUSTRALIAN DIVISIONAL ORDER NO. 144

Headquarters,  
14th August, 1918.

Ref. Map 1/40,000

1. Divisional Order No. 143 of 14th instant is hereby cancelled.  
 2. (a) The 4th Aust. Division, (less Artillery), will relieve the 1st Aust. Division, (less Artillery), in the line between 15th and 17th instant.

(b) Command of Divisional Sector will pass at 10 a.m. on the 16th instant.

3. (a) The Divisional boundaries, on completion of relief, will be as follows : -

South Boundary - Grid line running E. & W. through A.9. Central as far as the VILLERS BRETONNEUX - CHAULNES JUNCTION railway at about A.8.B.4.0., thence back along the railway.

North Boundary - Grid line running E. & W. through X.17. Central.

- (b) The Inter-Brigade Boundary will be as follows : -

A line drawn E. & W. through the S.E. corner of AUGER WOOD, (S.26.A.4.S.)

4. (a) The reliefs will be carried out in accordance with the attached relief table.

(b) Machine Gun reliefs in the forward area will be spread over two nights, two Sections per M.G. Coy. relieving in each Brigade Sector on nights 15/16 and 16/17 August respectively.

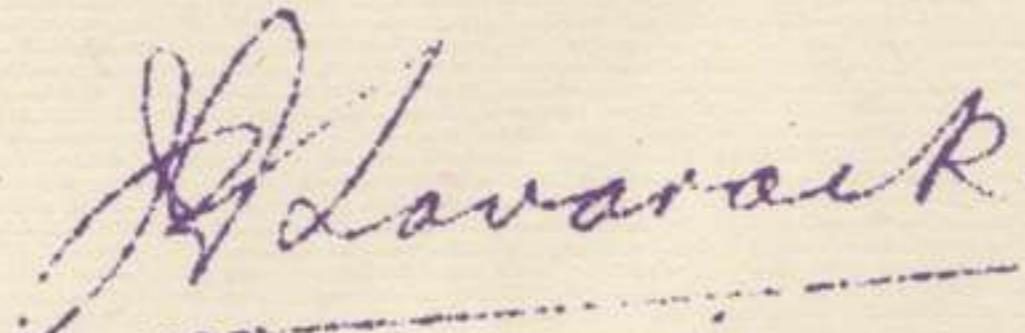
(c) Details of the reliefs will be arranged direct by the Brigade Commanders concerned and by the Machine Gun Battalion Commander.

5. Orders regarding the handing over of the command of the Artillery covering the front will be issued separately.

6. Administrative orders and arrangements for the relief of Engineer, Pioneer, and Medical Units will be issued separately.

7. Divisional Headquarters will close at CORBIE at 10 a.m. on the 16th instant and will open at the RED CHATEAU, VILLERS BRETONNEUX, at the same hour.

8. ACKNOWLEDGE.



Lieut-Colonel,  
General Staff,  
4th AUSTRALIAN DIVISION.

Issued at *Ridgway*

DISTRIBUTION: as for Divisional Order 141.

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S E C R E T

Copy No.

FOURTH AUSTRALIAN

DIVISION

Headquarters,  
14th August, 1918.

ADDENDUM NO. 1 TO 4th AUSTRALIAN DIVISIONAL ORDER NO. 143.

Add at end of Para. 2 -

"Command, both in the Brigade Sectors and the Divisional Sector,  
will pass on completion of the relief."

Lt. Col. D. Lavarack  
G.S., 4th AUSTRALIAN DIVISION.

Issued to all recipients of Div. Order No. 143.

APPENDIX

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HQRS 4 <sup>TH</sup> AUS.	
DIVN. ENGRS.	
No. 562831	
DATE 14/8/18	

SECRET

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Copy No. 8

FOURTH AUSTRALIAN DIVISIONAL ORDER NO. 145Headquarters,  
14th August, 1918.Ref. Map 1/40,000  
HARBOURIES Sheet,

1. The 4th Aust. Division will relieve the 1st Aust. Division in the line on night 15/16 August.
2. The relief will be carried out as early as possible, i.e., as soon as the light permits, in order to ensure as much rest for the troops as possible prior to Zero hour.
3. The Inter-Brigade boundary will be as shown in Map "A" issued with Divisional Order 141 dated 13th August.
- The 12th A.I.Bde. will relieve portion of the 1st A.I.Bde. in the Right Bde. Sector, and the 4th A.I.Bde. the 3rd A.I.Bde. in the Loft Bde. Sector.
4. Machine Gun reliefs will be carried out simultaneously with those of the Infantry.
5. Details of the relief will be arranged direct between Brigade Commanders concerned, except where provided for in this order.
6. The 132nd Regt. U.S. Infantry will move up into close reserve with two Battalions in the area now occupied by the 12th Aust. Inf. Brigade and one about Z.22. and 28. This will be done progressively as the above areas are cleared by the forward movement of the 4th and 12th Aust. Inf. Bdes., by mutual arrangement between the Brigade and Regimental Commanders.
7. H.Q.'s. of 4th and 12th Aust. Inf. Bdes. and 132nd Regt. U.S. Infantry will be established at ZERO hour at the dugouts in the vicinity of square W.18.D.2.0.
8. The following are the co-ordinates of the line selected by the 1st Aust. Division as a Jumping Off Line; 1st Aust. Division is arranging to afford facilities for the taping of this line by relieving Infantry Units :~

S. 27.C.0.0  
 S. 26.D.8.8  
 S. 20.C.7.0  
 S. 19.B.5.0  
 X. 24.A.5.8  
 X. 17.Central.

Map "B" issued with 4th Aust. Div. Order No. 142 is to be amended accordingly.

9. Divisional H.Q. closes at CORBIE at 2 p.m. on the 15th inst. and re-opens at VILLERS BRETONNEUX at the same hour.

10. ACKNOWLEDGE.

*J. D. Davarack*

Lieut-Colonel,  
G.S., 4th AUSTRALIAN DIVISION.

DISTRIBUTION. - as for Div. Order No. 141.

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~~SECRET.~~

Copies

4 & 12 copy  
15/8/18

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HOORAY AUS
X DIVN. ENGRS
No. D82834
DATE 15/8/18

FOURTH AUSTRALIAN DIVISION.

Administrative Instructions issued under Divisional Order No. 144.

1. ADVANCED DIV. Will be established at VILLERS BRETONNEUX at 10 am., HEADQUARTERS: 16th instant. Royal Div. H.Q. will remain at CORBIE.
2. RAILHEAD. VILLERS BRETONNEUX.
3. SUPPLIES. Supplies will be drawn by Horse Transport and delivered to Brigado Transport Line, thence under Bde. arrangement.
4. REFILLING POINTS. For all Units - 0.30.d.
5. AMMUNITION. Divisional Ammunition Dump is established at W.17.b.8.1. S.A.A. Section is located at V.29.b.8.8. All demands for Ammunition will be made direct through Sub-section Officers to Div. Ammunition Dump, (on 'phone).
6. ORDNANCE. D.A.D.O.S. remains for present at CORBIE I.34.a.6.4.
7. R.E. STORES. Div. R.E. Dumps are located at P.28.d.9.2. & Q.32.c.4.8.
8. WATER. Tanks containing 6,000 gallons are on the Light Railway between X.28. and X.20., with Guard in charge. The C.R.E. will arrange for a constant supply of Water in these tanks. Wells exist as follows which have been tested and are fit for drinking. Chlorination 2 Scoops.

BAYONVILLERS.HARBONNIERES.

	<u>Q.72.1.3</u>		
Q.32.c.3.7.	: Q.35.a.7.9.	W.11.c.9.4.	X. 8.c.9.0.
Q.32.d.3.9.	: W.11.c.1.5.	W.11.d.0.5.	X.8 .c.3.4.
Q.32.d.3.7.	: W.11.d.3.7.	W.17.d.6.7.	X. 8.c.8.5.
W. 2.b.4.3.	: W.11.c.7.7.	W.12.c.5.8.	X. 4.b.3.8.
Q.26.c.8.3.	: W.11.b.1.9.	W.17.b.8.6.	X. 8.c.4.9.
	W.11.d.0.5.	X. 8.c.1.6.	X.14.c.0.5.
	W.11.c.6.6.	X. 8.c.5.3.	X.18.c.0.5.

Also at X.25.b.6.2.

9. TRANSPORT. Transport Lines are located as follows:-

4th Aust. Inf. Bde.	Q.32.b.
12th Aust. Inf. Bde.	W.20.a. & c.
132nd U.S. Rogt.	W.20.
4th Aust. M.G. Battalion	W. 2.a. & b.
S.A.A. Soc., 4th Aust. D.A.C.V.29.b.8.8.	

10. VETERINARY. Mobile Vet. Section is located at BOUZENCOURT.

11. TRAFFIC CONTROL. From 10 am on 16th instant responsibility for Traffic Control in the Area East of the AUBIGNY Area exclusive between the Corps Southern Boundary and the line P.25.c.2.0. - Q.26.c.7.0. - X.7.c.0.0. - X.10.c.0.0. will be taken over by 4th Australian from 1st Australian Division.

12. PRISONERS OF WAR CAGE. Prisoners of War Cage is located at BAYONVILLERS.

P.T.O.

## APPENDIX

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13. BATHS. Baths will be established and locations notified later.  
Divisional Clean Clothing Store is at VILLERS BRETONNEUX.
14. CEMETERIES. Cemetries are situated at:-

Q.32.c.9.2.  
X.22.c.5.4.  
X.19.b.3.2.

HEADQUARTERS,  
4th Aust. Div.,  
15th August 1918.

Lieut-Colonel.  
A.A. & Q.M.G.  
4th AUSTRALIAN DIVISION.

DISTRIBUTION. Normal plus 132nd U.S. Regt.

15. NUCLEUS PERSONNEL. The Nucleus Personnel of Brigades will remain in present positions as under:-

4th Aust. Inf. Bde.	O.3.a.
12th Aust. Inf. Bde.	I.33.c.
13th Aust. Inf. Bde.	LA NEUVILLE.
132nd U.S. Regt.	CORBIE.

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COREPORT ON WELLS IN HARBONNIERES.

Location	Village	Depth to Water	Depth of Water	Quantity of Water	If pump or Windlass in position	If recently in use.	Remarks.
Well.b.1.9.	Harbonnieres.	60'	6' or 8'	600 gls.	Yes(Windlass)	Yes.	Previously tested by Brit.Div. San. Section.Requires 1 meas.Chloride. Water has good taste and colour. No smell.
Well.d.0.5.	do	30'	10'	500 gls.	Yes(Windlass)	Yes.	Sample forwarded.Water good colour and taste.No smell.Good approach for Water Cart.
Well.c.5.7.	do	50'	12'	400 gls.	Yes(Requires repair)	No.	Sample forwarded.Good taste and color
Well.c.6.6.	do	50'	11'	700 gls.	Yes(Windlass)	Yes.	No smell.
Well.c.9.4.	do	55'	10'	600 gls.	Yes(Windlass)	Yes	Water good taste colour and smell.
Well.d.0.5.	do	65'	7'	1500 gls.	Yes(Windlass)	Yes	Good taste,colour and no smell.
Well.d.6.7.	do	43'	7'	1500 gls.	Yes(Windlass)	Yes	Tested by Brit. San.Section 2 Requires 1 meas. Chloride . O.C. San. Section
Well.b.8.6.	do	42'	8'	1800 gles.	Yes(Wire rope which could be used)	No.	Sample forwarded. Good taste colour and smell.
							Colour good. Slight smell and taste. Sample forwarded.

Nearly all houses have wells in which water appears good. These wells are small and apparently only for household use.

Sample of water forwarded to Brigade for testing.

WT Henderson

Lieut. Colonel.  
C.R.E. 1st. Australian Division.

APPENDIX

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H.Q.
1ST AUSTRALIAN
DIVL. ENGINEERS.
No. E 2435
Date, 10. 8. 18.

## REPORT ON WELLS

Location.	Depth to Water.	Depth of Water	Quantity of Water	If pump or Windlass in position.	If recently in use.	Remarks.
X.20.a.7.4.	30'	10'	2000 gls.	Yes(Windlass)	Yes.	Water good.
X.21.c.9.3.			Unknown quantity several thousand gallons.	Yes(Pump)	Yes	Water good and good supply.
X.18.c.8.5.	40'	10'	700 gls.	Yes(Windlass)	Yes	Good water-main village supply. Canal
X.27.c.0.4.	XXX 50'	14'	700 gls.	Yes(Windlass)	Yes.	Water good.

Sample of Water forwarded to Brigade for testing.

Bilbowing Capt. & Adjt.  
for C.R.E. 1st. Australian Division.

C.E. Australian Corps.  
P. Australian Division

Ch. Australian Ops  
1st Australian Division

REPORT ON WELLS - NO. 3 REPORT.



Location.	Village	Depth to Water	Depth of Water	Quantity of Water	If pump or Windlass in position	If recently in use	Remarks.
X.28.b.2.7.	---	40'	10'	2000 gls.	Yes(Windlass)	Yes	Water good taste, no smell or colour. Sample forwarded.
X.8.c.3.4.	Vauvillers	50'	10'	1500 gls.	Yes(Windlass)	Yes	No. 5 Billet. Sampler forwarded.
X.2.b.8.2.	Framerville	50'	15'	2000 gls.	No	No	Tested by Div. Sanitary Section. Unable to obtain sample.
do	do	50'	12'	1000 gls.	Yes(Windlass)	Yes	Water good.
do	do	--	--	---	Yes	Yes	Endless Chain gear. Water good.
do	do	--	--	---	Yes	Yes	Endless chain gear. Water good.
X.8.c.4.9. (Vauvillers do)	---	--	--	---	Yes	Yes	Endless chain gear. Unable to estimate quantity.
X.14.c.0.5.	----	40'	10'	2000 gls.	Yes(Windlass)	Yes.	Used by Dressing Station.
X.8.c.8.5.	Vauvillers	40'	10'	700 gls.	Yes(Windlass)	Yes	Good Water. Main village supply.
X.3.a.9.2.	Framerville	40'	10'	400 gls.	Yes(Windlass)	Yes	Bad approach. Water good.
X.3.a.9.0.	do	60'	10'	600 gls.	Yes(Windlass)	Yes	Good approach. Water clear and no smell.
X.3.a.9.0.	do	--	--	800 gls.	Yes	Yes	Endless chain. Enclosed. Sample taken
X.4.b.3.8.	Vauvillers	--	--	---	Yes	Yes	Sample taken. Endless chain. Good flow, clear water, no smell. No taste.
X.21.c.8.5.	Hospital	Bore well	----	----	----	Yes	Pumping gear out of order.

W A Henderson  
Lieut. Colonel

C.R. 1st Aust Div

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APPENDIX 8

H.Q., Divisional Engineers,  
O.29.C.9.4.  
1st Australian Division  
10th August, 1918.

C.E.,  
Australian Corps,

1. Engineer Reconnaissance report No. 1. upon 1st Australian Divisional Area forward of W.25.central to W.5.central, Reference map Sheet 62D S.E. 1/20,000.

2. WATER SUPPLY.

Three reports have been forwarded independently of this present report upon Water Supply HARBOUNIERS and VAUVILLERS.

At X.26.d.5.5. there is a pumping plant with boiler and Worthington steam pump complete and is being put in working order. The present supply in tanks is about 20,000 gallons and the water is good.

(Copies attached)

3. ROADS.

(a) HARBOUNIERS-LIHON road in good order suitable for all traffic.

(b) HARBOUNIERS - FRAMERVILLE road in good order.

(c) Several good cross country tracks, all satisfactory during dry weather but will cut up when rain falls.

4. LIGHT RAILWAYS.

The Light Railway from W.10.b.5.9. to W.8.d.1.0. to X.21c.9.5. in good order except bent slightly at X.13.b.8.9. The following rolling stock is on the track at X.20.b. :- Six (6) trucks - at W.10.b. :- one locomotive and eight (8) trucks.

HEAVY GAUGE TRACKS In good order.

5. R.E.DUMPS.

Small dump at X.7.d.9.2. with the following material:-

40 - 6' lengths of 18" gauge decauville rail.

50 duckboards but not in good order.

100 wooden stakes 3'6" long.

At X.3.a.7.2. there are 70 pieces of 6" x 6" timber 10' long.

Large dump at Railway Station - X.26.d. This contains R.E. Material of all descriptions also tools.

The following is an approximate of some of the material contained in the dump:-

TIMBER.

9" x 9" - 9,000 feet.	7" spars 150 - 12' long.
9" x 3" - 35,000 feet	6" spars 1,500 - 20' long.
7" spars 150 - 12' long.	5" spars 4,000 - 15' long.
6" spars 1,500 - 20' long.	6" x 2" - 5,000 feet.
6" x 6" - 3,000 feet.	6" spars 40 - 24' long
14" x 9" - 2,000 feet.	9" x 9" - 2,500 feet.
12" spars 100 - 30' long.	9" x 1" - 25,000 feet.
15" x 12" - 500 feet.	4" x 4" - 2,000 feet.
9" x 4" - 4,500 feet.	2" x 1" - 2,500 feet.
1" x 1" - 3,000 feet.	2" x 1" - 35,000 feet.
9" x 2" 15,000 feet.	

9" spars 800 feet.
7" x 7" 5,000 feet.
6" spars 250 - 15' long.
5" spars 4,000 - 15' long.
6" x 2" - 5,000 feet.
6" spars 40 - 24' long
9" x 9" - 2,500 feet.
9" x 1" - 25,000 feet.
4" x 4" - 2,000 feet.
2" x 1" - 2,500 feet.
2" x 1" - 35,000 feet.

WIRE.

4,500 coils of barb wire.  
800 " of wire netting.

1,810 coils plain wire.  
400 coils French wire.

R.E.STORES.

5,500 duckwalks.  
600 long cork screw pickets.  
800 straw fascines.

2,000 5' iron pickets.  
350 barb wire rosettes.  
2,000 ordinary fascines.

/R.E.Material.

R.E. MATERIAL.

6 Malthoid huts in sections.  
250 rolls of camouflage.  
100 sheets elephant iron.  
350 medium cupolas.  
25 drums for windlass with  
framework.  
1,420 feet heavy rails.

TOOLS.

6,000 shovels.  
5,000 picks.  
100 mallets.  
100 pick helvess.

RAILWAY MATERIAL ETC.

1,000 lengths of light rail 16 lbs. 2,000 heavy 9' sleepers.  
15 trucks. 60 C.M. gauge. 64 trolleys.  
6 Railway engines. 6 large light railway trucks.

WORK SHOP.

Containing 1 Portable engine.  
1 milling machine.  
1 grindstone.  
18 German limbers.

APPENDIX

16,000 mining sets.  
450 rolls of malthoid.  
150 coils of hoop iron.  
5 windlasses complete.  
2,000 feet  $\frac{1}{2}$ " dia. round iron.  
2,000 - 30' long heavy rails.  
1,000 lengths R.S.Joists.

100 spades.  
13 wheel barrows.  
90 crow-bars.

Foregoing is only an approximate list.

An Engineer W.O. and 6 men have been placed in charge of the dump and a correct list of all materials in dump will be made and forwarded to Corps.

*W.A. Henderson*

Lieut. Colonel,  
C.R.E., 1st Australian Division.

DISTRIBUTION:-

Copy No. 1 to C.E., Aust. Corps.  
" No. 2 to G.S.O. 1.  
" No. 3)  
" No. 4) War Diary.  
" No. 5)  
" No. 6 File.



Copies of WATER SUPPLY Reports attached hereto.

193

C.E.Australian Corps,

H.Q. Divisional Engineers,  
1st Australian Division.  
11th August 1918 APPENDIX

Copy No 6  
620  
8

1. Engineer Reconnaissance Report No. 2. 1st. Australian Divisional area forward of W.23.Central. to W.5.Central. Reference Map Sheet 62.D.s.e.

2. WATER SUPPLY. Separate reports forwarded dealing with Water Supply.

3. ROADS and TRACKS. See attached.

4. LIGHT RAILWAYS. Light Railway from X.21.c.9.5. to X.22.b.4.6., in good order and can be used immediately for traffic.

The following rolling stock is on the track between X.21.d.3.3. and X.28.a.9.8.: -

10 - 9 ton bogie trucks,  
2 - 1500 gallon Tank Trucks,  
3 Small German Trucks.

The condition of track and rolling stock are such that track could be used at once. No tractors on this section of the line.

5. MATERIAL. At (Hospital) so marked on map at X.20.b.6.3. there is a limited supply of R.E. Stores as under :-

80 pieces 6'x4' Mining Sets,  
10" x2 $\frac{1}{2}$ " 100'  
6"x1" 400 lin.feet,

In Hut at approximately X.22.d.8.7. there are the following tools:-

30 pairs Wire Cutters,	80 Shovels(German)
3 Tracing Tapes,	3 Light Band Saws,
20 Cutting Axes,	6 Cross Cut Saws.
30 Picks,	

#### 6. HUTTING.

6 Nissen Huts (5 in good order) at X.20.b.6.3.  
Hospital at X.21.c.9.4.

4 Nissen Huts

10 - 30'x18' galv iron structures,  
12 - 60'x20' do do do

6 bell tents.

14 tents approx. 120'0" x 24'0"  
12 " " 24'0" x 24'0"

6 timbered dugouts.

2,500 feet duck boarded tracks round hospital.

4 latrine buildings.

1 Fumigator.

#### 7. GENERAL.

Aeroplane at approx. X.14.c.2.2. Boring plant tripod and windlass in good condition at X.22.d.6.6. Recent boring operations have been carried on by the enemy at this point and rods are about 40'0" down.

*W.A.Henderson*

Lieut.Colonel,  
C.R.E., 1st Australian Division.

#### Distribution:-

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## REPORT ON ROADS AND TRACKS.

Map reference.  
From \_\_\_\_\_ To \_\_\_\_\_

Type Condition

Traffic  
Single or Horse or  
Double Motor

## Necessary repairs

### Remarks.

H. Q.,  
1st AUSTRALIAN  
DIV. ENGINEERS.

W.11.d.4.3. X.29.a.0.6.	Metalled Road		Double	Motor	Small Shell hole at X.29.b.0.7.	Material for repairs at hand. Dead horse at Cross Roads X.28.b.3.7., should also be removed.	
X.13.d.3.9. X.8.b.5.3.	Metalled Road	Good	Double	Motor	From X.8.c.5.0. to X.8.b.4.2. needs 30 Limber Loads of bricks.	Material for repairs at hand.	
W.18.b.7.8. X.8.c.9.5.	Metalled Road	Good	Double	Motor	From X.8.c.8.5. to X.8.c.9.5. needs 15 limber loads bricks.	Material for repairs at hand.	
W.20.b.6.5. X.8.c.9.5.	Metalled road.	Good	Double	Motor	6 Small Shell Holes at W.14.d.6.0. need one limber load of bricks.	Material for repairs at VAUVILLERS.	
Cross Rds.	Earth						
W.12.a.9.5.	X.7.d.8.4.	track	Good	Double	Motor in dry weather.	Nil	Additional dry weather tracks near Road.
	X.13.d.9.5.				do	Nil	do
W.12.c.3.7.	X.1.d.0.4.	do	Good		do	Nil	do
W.12.c.4.8.	X.1.c.2.1.	do	Good		do	5 Shell Holes from X.8.a.5.3. to X.8.b.5.3. Each needs 1 c.yd. of earth	do
W.7.d.1.3.	X.8.b.5.3.	do	Good		do	Nil	-----
X.8.b.4.2.	X.14.b.4.4.					Nil	-----
X.14.a.3.8.	X.14.b.3.3.	Fair				Nil	Wet in parts. Additional dry weather tracks near road.

Lieut. Colonel.  
C.R.E. 1st. Australian Division.

APPENDIX

621

Copy No. 1

H.Q., Divisional Engineers,  
1st Australian Division,  
12th August, 1918.

APPENDIX 81

C.E., Australian Corps,

1. Engineer reconnaissance report No.3. 1st Australian Divisional Area forward of W.23.Central to W.5.Central. Reference map Sheet 62D.S.E.

#### 2. WATER SUPPLY.

See attached list of additional wells located.

A bore has been located at W.24.b.4.5.50. (on the left of the road 150 yards S.E. of old German Telephone Exchange). This appears to be a 4" bore and is fitted with a hand pump, it has been in continuous use and has given a good supply for the last two days.

Pumping Set at X.26.d.4.5. has been run by the 2nd Field Company for eight hours and pumped 12,000 gallons to Water Storage Tank.

Windlass Set at X.25.b.6.3. has been put in order for personnel drawing.

Hand plunger set at X.21.d.0.4. has been put in order.

The following water points have been established:-

For water carts at X.26.d.4.5.

X.26.d.9.0.

Horse water points at X.26.d.4.5.

X.26.d.9.0.

All of which are supplied by means of the pumping plant at X.26.d.4.5.

#### 3. ROADS AND TRACKS.

See attached list showing additional earth tracks at present suitable for Motor traffic in dry weather only.

#### 4. LIGHT RAILWAYS.

Decauville track. Report shows that the general run of Decauville track in the Area(vide. Map 62D S.E.) is in good order and only requires repairing at certain points, but the track shown running from X.13.c.3.2. to X.14.c.1.5. thence to X.16.d.8.0. and from X.20.b.8.3. to X.21.a.1.9. does not exist. In squares W.6. and 12 and X.1. there is a certain amount of formation only.

1 Locomotive, Standard gauge gauge, in good order attached to about 20 railway trucks, and about 20 trucks, some of which are filled with ballast are about 1,000 yards in front of ROSIERES

#### 5. ACCOMODATION.

See attached list of accomodation.

W.A. Henderson

Lieut. Colonel,  
C.R.E., 1st Australian Division.

#### Distribution:-

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" No. 2 1st.Aust.Division.

" No. 3)

" No. 4) War Diary.

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" No. 6 File.

H.Q. 1ST AUSTRALIAN DIVL. ENGINEERS.	
No. ....	E 2435
Date. ....	12/8/18

REPORT OF WELLS.

11/8/1918.

Location.	Village.	Depth to Water.	Quantity of Water.	If pump or Windlass in position.	If recently in use.	Remarks.
X.14.a.0.4.	VAU VILLERS			No.	Yes.	Water drawn by rope and bucket.
X.14.a.05.60.	do			No.	Yes.	Water drawn by rope and bucket.
X.13.b.99.60.				No.	Yes.	Water being drawn by rope and buckets.
X.15.d. 1. 9.				Yes (pump)	Yes.	Water used by 5th.Div.A.A.M.C. Trough attached 9' x 3' x 2'6".
X.14.a. 5. 7.	VAU VILLERS.			Yes (pump)	Yes.	Water used by A.A.M.C.
X.14.a. 6. 6.	do			Yes(windlass)	Yes.	Water used by A.A.M.C.
X.25.b. 6. 2.		40 feet		dox	Yes.	Good water.
F. 3.a. 0. 8.	ROSSIERES.			Yes (pump).		
W.18.d. 8. 7.				Deep bucket pump.	Yes.	Good supply presumably from a bore.
X.20.b. 7. 3.		36 feet.		Yes (windlass)	Yes.	Well 3' dia. partly bricked.
X.21.d. 0. 4.				Yes two pumps.	Yes.	Presumably bores. 1 pump in working order and produces a good supply.

*W.A. Henderson*

C.R.E., 1st Australian Division.

Lieut. Colonel,



REPORT ON ROADS AND TRACKS.

<u>Map reference.</u>	<u>From.</u>	<u>To.</u>	<u>Type.</u>	<u>Condition.</u>	<u>Traffic.</u>	<u>Single or double.</u>	<u>Horse or Motor.</u>	<u>Necessary Repairs.</u>	<u>Remarks.</u>
X.15.d. 1. 7.	X. 8.d. 2. 3.	Earth track.	Fair.	Double.	Motor in dry weather.	12 shell holes each needs 1 c.yard of earth.		Nil.	
X.15.b. 7. 3.	X.21.d. 1. 4.	do	Good.	Double.	do	12 shell holes each needs 1 c.yard of earth.		Nil.	
X.15.d. 5. 5.	X.14.b. 3. 2.	do	Fair.	Double.	do	4 shell holes in X.15.c. each needs 1 c.yard of earth.		Nil.	
X. 7.d.90.35.	X. 2.c.00.80.	do	Good.	Double.	do	Nil.		Additional dry weather tracks near road.	

*W.A.Henderson*

Lieut. Colonel,  
C.R.E., 1st Australian Division.

H.Q.,	1ST AUSTRALIAN
Divl. Engngs.	No. 2/235
2/8/18	

APPENDIX

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## ACCOMMODATION.

APPENDIX

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8

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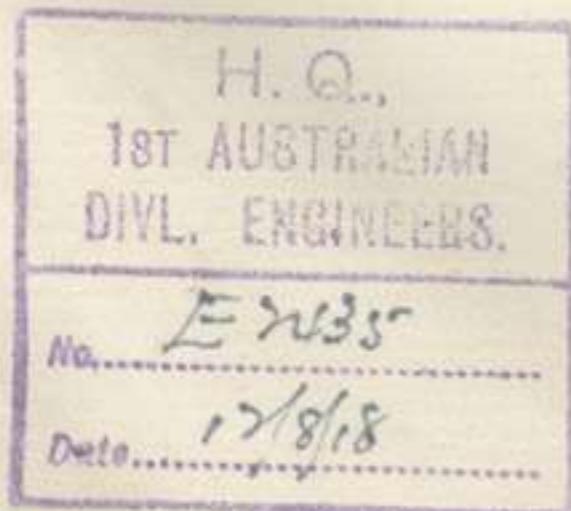
If

Location.	Description.	Dimensions.	Accommodation.	Occupied.	Remarks.
X.14.a.27.50.	Cellar.		20 men.		
X.14.a.38.80.	2 deep dugouts.	14'x4'x6'			16' of earth cover.
X.14.b. 2. 5.	3 brick cellars.		4 men each.		
X.15.a. 2. 6.	14 dugouts.		8 " "		Iron roof 6' to 12' of earth covering.
X.15.d. 9. 2.	Weather proof to shealter.		250 men.		
X.16.d. 9. 9.					
X.15.b. 9. 7.	Splinter proof shelter				12 beds, used as R.A.P.
X.15.d. 1. 9.	2 dugouts.		16 men.	Yes.	Used by A.M.C.
X.14.a. 4. 7.	Splinterproof. Field gun proof	10'x8'x5' 18'x9'x6'			18" brick. 6" earth & pit props.
X.14.a. 5. 6.	Dugout.	36 $\frac{1}{2}$ x12'x6'			4'6" cover.
X.14.a. 7. 5.	28 dugouts. Splinterproof				Bunked, 1, 2, or 3 bunks in each.
X.13.d. 6. 7.	Dugout. Splinterproof.	10' x12'x6'			
F. 3.a. 4. 8.	Deep dugout.				30' cover, well timbered. 13 bunks.
F. 3.a. 0. 8.	Cellar & good dugout.			Yes.	2nd.F.A.Bde. H.Q.
X.27.c.	4 rows of dugouts.				9 in each row filled with shell ammunition.
X.26.d. 5. 6.	Deep dugout.		20 men.		
X.26.d. 4. 3.	3 cellars.		45 men.		
X.26.d. 5. 5.	Deep dugout.				20' cover. 15 bunks.
X.26.a. 5. 6.	Dugout.			Yes.	3rd.Bn.H.Q.
W.18.d. 2. 2.	Deep dugout.	80 yards x 9' x 6'			24' cover. 6 entrances, partly bunked.
W.24.b. 6. 9.	Deep dugout.		50 men.		4 entrances. 18' cover.

*W.A. Henderson*

Lieut. Colonel,

C.R.E., 1st Australian Division.



## DUGOUT ACCOMMODATION IN RIGHT BRIGADE AREA.

Location.	Accommodation.	Size.	Cover.	If occupied.	By Whom.	Remarks.
X.13.c. 0. 6. 1,280 men. to		2130' x 7'6" 30'		Partly.	1st.B.A.	Partly bunked, timbered throughout. 35 entrances.
X.19.a. 4. 4.						
W.18.d. 0. 2. 770 men. to		2010' x 7'6" 30'		Partly.	4th.Bde. Artillery.	Partly bunked, about 600' not timbered. 31 entrances.
X.19.a. 3. 0.					3rd.Bde.	
W.19.a. 1. 4. to	210 men.	540' x 21x 7'6"	30'	Partly.	Sigs. 2nd.Div. Artillery.	Partly bunked. 21' not timbered. 6 entrances.
W.19.a. 3. 2.						
X.27.c. 4. 3. 400 men.		9 huts.	-	-	-	German Huts.
X.27.c. 4. 3. 40 men.		60' x 7'	30'	-	-	Nil.
X.27.c. 2. 1.		drive 20'	20'	-	-	Timbered.
X.28.b. 2. 5.	XXXXX.	x 4'		-	-	Nil.
X.28.b. 2. 5.	8 men.	12' x 12'	12'	-	-	
X.28.b. 2. 5.		XXXXXX	earth.	-	-	Tunnel under road.
X.28.b. 2. 5.	-	6' x 5'	5'	-	-	
X.26.d. 4. 4.	200 men.	-	-	Yes.	5th.Bn.	Cellars under foundry. 7" concrete steel rails, roof and two floors.
E. 4.a. 1. 1.	300 men.	246' x 7'6"	40'	Partly.	6th.Bn.	Timber throughout.
X.29.a. 2. 6.	8 men.	10' x 8'	4'	Yes.	5th.Bn.	Strong Pill Box, in good order.
X.29.a. 2. 6.	200 men.	concr- ete.	G.I.roof	-	-	Concrete walls and floor. Could be improved with strong covering.
F. 6.c. 5. 0.	?	600' long.	35'	Yes.	8th.& 8th.Bns. (5th.Bn.?)	In good condition. Extent not ascertained.

W.A.Henderson

Lieut. Colonel,  
G.R.E., 1st.Australian Division.

H.Q. Divisional Engineers, APPENDIX  
1st. Australian Division.  
13th. August 1918.

C.E., Australian Corps;

627.

8

1. Engineer Reconnaissance report No.4, 1st. Australian Divisional Area forward of W.23.central, to W.5.central, Reference Map Sheet 62 D. S.E. and 62 C. S.W.

2. WATER SUPPLY. Attached additional list of Wells in the forward area. Sappers have been engaged on improving certain wells and water points.

3. Horse Water Troughs have been placed at:-

X.25.b.6.3.	W.24.b.5.8.
W.18.d.8.7.	W.28.b.2.5.
X.14.b.3.5.	X.15.d.1.9.

Also the troughing increased at X.26.d.4.5. and X.26.d.9.0., which points are reported in Report No.3 of 12/8/18.

Approximately 40,000 gls. has been pumped by pumping set at X.26.d.

4. ROADS AND TRACKS. See attached list.

5. ACCOMMODATION. See attached list of further accommodation located.

6. GENERAL. At Hospital at X.21.c. there is a belt driven lighting set complete. Cursory examination shews set to be in working order. Set consists of :-

1 Single cylinder petrol engine 8 -10 H.P.

1 Belt driven D.C. Generator 110 Volts, 58 Amps. 1400 Revs.

Switchboard complete with Ammeter, voltmeter, fuses, switches etc.

Small quantity of lighting material, lamps, cable, lampholders etc. are in engine house.

At approximately W.24.b.6.5. there is a small lighting set mounted on a wagon. Some of the set has been used to light neighbouring deep dugouts and leads to same from the switchboard are still in existence. If magneto were supplied the set would be in working order. Particulars of set are:

1 Automobile type petrol engine Odel Make.

4 cylinders complete with radiator etc.

Magneto of engine is missing.

Generator is belt driven - 110 volts, 37 Amps (5½ H.P.) 1250 revs.

Switch board - marble complete with voltmeter - ammeter - fuses and rheostat.

Approximately 40 10" lamp shades are also in wagon.

*W.A.Henderson* Lieut. Colonel,  
C.R.E., 1st. Australian Division.

Copy to 1st.Aust.Div. for information.

H.Q.	
1ST AUSTRALIAN	
DIVL. ENGINEERS.	
No.....	E2635
Dates.....	13.8.18

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REPORT ON WELLS IN FORWARD AREA.

H.Q.	AUSTRALIAN ENGINEERS.
S.26.35	13.8.18
1ST DIVL	No. Dif.

Location.	Depth to Water.	Depth of Water.	Quantity of Water.	If pump or windlass in position.	If recently in use.	Remarks.
S.25.c.9.6.				Pump.		Pump broken.
S.26.a.0.0.				2 Pumps.		Water slightly dirty.
S.26.c.0.5.				Pump.		Pump broken.
S.26.c.4.1.				Pump in working order.		Water slightly dirty.
S.26.c.5.0.						Top of well blown in.
F.6.c.5.0.						Water being used by troops.
F.5.a.9.9.					do do	
F.5.b.2.9.						Pond. 90 yds by 9 to 15 yds wide.
X.29.c.9.1.						Water suitable for horses.
X.28.b.2.5.						Pond 45 yds by 10 vds with smaller ponds in vicinity. Water suitable for horses.
						<del>Water being used by troops.</del>

REPORT ON ROADS IN LEFT BRIGADE SUB SECTOR.

Map Location.		Type.	Condition.	Traffic.	Necessary repairs and remarks.
From	To.			Single or double. Horse or Motor.	
X.15.d.50.55	X.22.b.75.95.	Earth.	Poor.	Double.	Horse. Nil. Not in use.
X.15.d.50.45.	X.22.d.90.90	Earth.	Fair.	Single	Horse. -
X.16.c.20.05.	X.25.a.40.45.	Earth.	Fair .	Single .	Motor in dry weather.
X.21.d.80.05.	X.17.c.10.25.	Metalled road.	Good.	Double.	Motor. -
X.28.b.15.65.	X.23.a.20.20.	Earth.	Poor.	Single.	Horse. Shell hole at X.28.b.25.85. Needs 2 c.yards earth. Road is only used between X.28.b.15.65. to X.22.d.4.2

APPENDIX

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ACCOMMODATION IN FORWARD AREA.

Location.	Accommodation.	Size.	Cover.	If occupied.	By whom.	Remarks.
Xxx						
S.26.c.0.6.	8 Men.	-	4' earth.	No.	-	
S.26.c.2.4.	30 Men.	Shelters.	Layer 60lb rails.	No.	-	
S.26.c.2.3.	14 Men.	do	2' earth & logs.	No.	-	
S.26.c.5.1.	18 men.		5' brickbats.	No.	-	Cellar at crossroads.
S.26.c.6.0.	21 Men.	Shelter.	4 to 5' brickbats.	No.	-	
A.2.a.7.8.	12 Men.	-	6' brickbats	No.	-	Strengthened cellar.
F.5.b.2.9.						Recent German camp including horselines, and numerous small board or tin shelters.
X.29.c.7.2.	6 men.	-	Pill box.	Yes.	Arty.	
X.29.c.7.2.						Recent German camp, including abattoir, and numerous small board or tin shelters.
X.28.b.4.6.						Horse lines and numerous small hutments.



13/8/18

b69

SECRET.

193

H.Q., 1ST AUSTRALIAN DIVL. ENGINEERS.
No. ED 498
Date 14. 8. 18

Copy No. ....

630

H.Q., Divisional Engineers,  
1st Australian Division

15th August, 1918.

8

HANDING OVER REPORT C.R.E., 1st.Aust.Div. to C.R.E., 4th.Aust.Division.

Ref. Map HARBONNIERES 1/40,000  
Parts 62D, 62C, 66e, 66D,

RELIEF.

The 1st Australian Division is being relieved by the 4th. & 5th. Australian Divisions and Operation continued on the 15th. inst.

DISTRIBUTION OF COMPANIES.

The arrangement of Field Companies for works, reconnaissance etc. is as follows:- The Brigades in the line had their Companies working close up behind. Two Sections doing reconnaissance of Wells, Roads and Railways. One doing any urgent work required in temporary repairs to roads and the other being held in hand. The Reserve Company constructing Horse Watering Points, repairs to all Wells requiring same in the Divisional Area.

PIONEERS. Three Companies have been working with the Brigades in improving existing trenches and communication. One Company on Forward Roads.

LOCATIONS:-

1st. Field Company Sappers - W.12.c.5.2.	Horse Lines Q.32.c.5.8.
2nd. " " " - W.23.b.8.4.	" " )W. 7.c.7.8.
3rd. " . " " - X.14.c.5.8.	" " )
Pioneers in vicinity of HARBONNIERES, Battalion Headquarters at W.17.b.5.8.	

WORKS.

Appendix (i) containing Reconnaissance Reports 1,2,3, & 4 which have been forwarded to C.E., Corps show the work upon which the Companies have been engaged.

Odd work such as strengthening cellars, making cellars and dugouts gas proof, increasing accommodation as required by the Brigades.

STORES.

Appendix (ii) gives the necessary information regarding Dumps and R.E. Stores.

GENERAL.

The large quantity temporarily required in the Area has put a great demand on the well system. Nearly all wells have hand pumps only. Small petrol driven pumps should be put in at once at X.25.b.6.3. and X.21.d.0.4. C.E. has already been asked if these can be supplied.

There are three 1,500 gallon Water Bogies at X.21.d.9.0. filled with water, giving 4,500 gallons. This water will be used by 6 p.m. 14th inst, and arrangements will now have to be made with the 6th. Foreway Company R.E. who have now taken over the Decauville Tracks. These tanks can be filled at X.26.b. and pushed forward for the fighting troops.

Regarding evacuation of wounded from the Clearing Hospital at X.21.d. by Decauville Railway. This is under consideration and arrangements will have to be completed by your Division with 6th. Foreway Company R.E.

At W.24.b.6.5. there is a small lighting plant for dugouts. A one four cylinder magneto with distribution is required to put the whole set in running order. This is urgent as three Brigade Headquarters are now in this vicinity.

*W.A. Henderson*

Lieut. Colonel,  
C.R.E., 1st. Australian Division.

P.T.O.

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## DISTRIBUTION:-

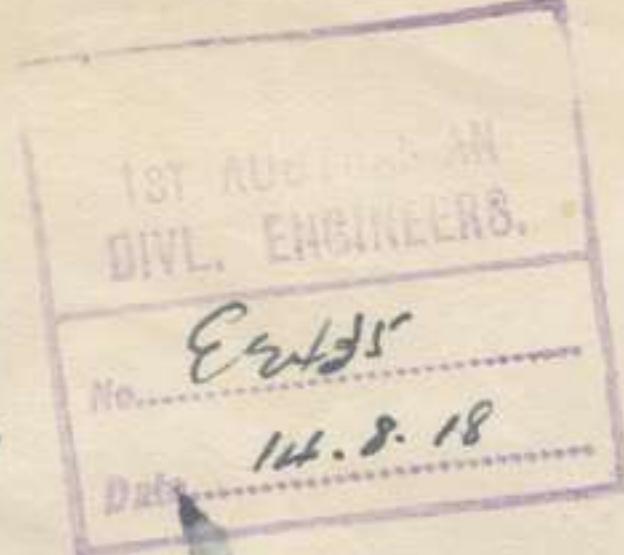
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" No. 2 C.E., Aust. Corps.,  
" No. 3 1st Aust. Division.,  
" No. 4) War Diary.  
" No. 5)  
" No. 6)  
" No. 7 File.

• 6 •

H.Q. Divisional Engineers,  
1st. Australian Division.  
14th. August 1918.

APPENDIX

C.E. Australian Corps,



1. Engineer Reconnaissance Report No. 5., 1st. Australian Divisional Area forward of W.23.central, to W.5.central, Reference Map Sheet 62 D. S.E. and 62 C. S.W.

2. WATER SUPPLY. Well at X.21.d.0.4. improved, pump removed and under repairs.

Horse Troughs increased at X.18.d.8.7. and X.25.d. 4.5.

New troughs placed at X.14.c.0.5.

Water Bottle Points fixed at X.26.d.4.5. X.25.b.6.3.  
X.14.c.0.5. X.14.b.3.5.

Water Bottle Points in preparation stage at W.18.d.8.7. and X.21.d.0.4.

At pumping Station- pumped 40,000 gallons. Supplied 2,000 horses and 30 water carts.

Water storage-6,000 gallons are at X.21.d.9.0. for D.A.Q.M.G. 1st. Australian Division.

### 3. ROADS AND TRACKS.

Location.	Type	Condition	Traffic	Necessary	Remarks.
			Double or Single.	Horse or Motor.	
From X.17.c.10.25. to X.17.b.05.45.	Metalled	Good	Double	Motor	- -
X.10.d.65.00. to X.23.b.30.90. do	do	Good	do	do	- -
X.23.a.20.20. to X.17.c.60.60. Earth	Earth	Fair	Single	Horse	- -
X.8.c.6.6. to X.8.c.9.6.	Metalled	Good	Double	Motor	2 Shell Holes at X.8.c.85.60. needs 2 c.yds. brick. Worn road at bend X.8.c.7.7. needs 10 c.yds. brick.
X.8.c.2.4. to X.8.c.7.3.	Metalled	Good	Double	Motor	2 Small Shell holes. Needs 1 C.yd. brick. Material at hand.
X.13.b.95.40. Earth to X.14.a.0.1.	Earth	do	Single	Motor in dry weather	- -

Copy,  
1st. Australian Division  
(for information)

Lieut. Colonel.  
C.R.E. 1st. Australian Division.

*W.H. Henderson*

*J. J. J.*

*Bethel Magazine*

W. H. G.

H.Q. Divisional Engineers,  
1st. Australian Division.  
15th. August 1918.

C.E., Australian Corps,

Reference Engineers Reconnaissance Report No.4 forwarded under  
this Office E-2435 of the 13th. Inst.

Para. 2. WATER SUPPLY.

Horse Water Troughs.

Please cancel location X.15.d.1.9.

*W.A. Henderson*)

Lieut. Colonel.  
C.R.E. 1st. Australian Division.

Copy. 1st. Aust. Division.

do C.R.E. 4th. Aust. Div. ✓

H.Q.	
1ST AUSTRALIAN	
DVL. ENGINEERS.	
Encl. No.	E-2435-
Date.	15/8/18

## Village of Harbonnières.

634

193 List of Wells which have Notice Boards  
Erected shewing classification of Water  
and Degree of chlorination Required

APPENDIX

8

Billet No.	Harbonnières	Classification of Water.	Degree of chlorination Required.
8	Church Square	Fit for Drinking	1 Meas. B.P. per 100 galls.
94	do	do	10 Meas. do
103	do	Unfit for Use	10 Meas. do
109	do	Fit for Drinking	1 Meas. do
119	Rue de Lihons	do	1 do do
121	do	Cooking	3 do do
122	do	Fit for Drinking	1 do do
124	do	Unfit for Use	12 do do
127	do	Fit for Drinking	1 do do
128	do	do	1 do do
129	do	Unfit for Use	13 do do
132	do	Fit for Drinking	2 do do
139	do	Washing only	4 do do
140	do	Unfit for Use	16 do do
141	do	Washing only	5 do do
142	do	Cooking	2 do do
143(N°1.)	do	Unfit for Use	9 do do
143(N°2)	do	Fit for Drinking	1 do do
144(N°1)	do	do	1 do do
144(N°2)	do	Unfit for Use	5 do do
147	do	Fit for Drinking	1 do do
148	do	do	1 do do
149(N°1)	do	do	1 do do
149(N°2)	do	Unfit for Use (cess pit)	55 do do
159	do	Fit for Drinking	1 do do
165	do	Cooking	3 do do
167	do	do	3 do do
169	do	Fit for Drinking	1 do do
171	do	do	1 do do
173	do	Unfit for Use	9 do do
192(N°1.)	do	Fit for Drinking	1 do do
192(N°2)	do	Unfit for use (cess pit)	50 do do

The above list of Wells have been tested by 2nd Australian  
Sanitary Section.



To CRE 4th Aus Dir

Forwarded for you

Informed

MA Hendon A.A.C. 8

CRE 1st Aus Div.

Major, A.B.  
O.O. 1st Field Coy. Engineers.

16.8.18 H.D.O.R.S 4<sup>th</sup> AUS.  
DIVN. ENGRS.

No. 582855

DATE 17/8/18

SECRET.

No. 6. 6/116

635  
9

HDQRS 4 <sup>TH</sup> AUS.
DIVN. ENGRS.
No. <u>82738</u>
DATE <u>2/8/18</u>

Headquarters,  
4th. AUSTRALIAN DIVISION  
2nd. AUGUST, 1918.

4th. Aust. Inf. Bde.  
12th. Aust. Inf. Bde.  
13th. Aust. Inf. Bde.  
4th. Aust. H.G. Battalion.  
C.R.E.  
A.D.M.S.  
A.P.M.  
Div. Sig. Coy.  
"Q"

Aust. Corps.

WARNING ORDER.

It is anticipated that moves as under will be carried out and preliminary arrangements will be made accordingly :-

1. On night 3rd/4th. August. Right Battalion, 13th. A.I. Bde. will extend its front to the left so as to occupy the full frontage which will be allotted it when 13th. A.I. Bde assumes responsibility for the full Divisional front.
2. On night 4/5th. August. 13th. A.I. Bde. will take over the front line now held by the 4th. A.I. Bde. as far North and including the Railway line at V.L.B.S.C., in addition to present frontage.  
4th. A.I. Bde. and 12th. A.I. Bde. will be withdrawn from present positions and will move by march route march to sites to be selected in support 3rd. Aust. Div. Area. These Bdes. will be replaced by two Brigades from the Canadian Corps who will be in support to 13th. A.I. Bde.
3. On night 5/6th. August. 13th. A.I. Bde. will be relieved and will be conveyed by busses to position to be selected in 3rd. Aust. Div. Area. Embussing points will be notified later.  
Selected personnel from/  
4. Two Companies 4th. A.H.G. Battalion will move to VAUX for tank training on 4th. August. The remaining two Companies will be withdrawn from the area with 13th. A.I. Bde. on night 5/6th. August after relief by Canadian H.G. Corps.
5. Sixteen Lewis Gun Crews per Brigade will also move to VAUX for tank training on 4th. August. Embussing arrangements to be advised by "Q".

*Edwin May*  
Lieut-Colonel.  
G.S. 4th. AUSTRALIAN DIVISION.

F.W.D.

T.R.S.

APPENDIX

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9

SECRET

\*\*\*\*\*

DIV. ENGRS.

Copy No.

No. D62751

DATE 4/8/18

4th. AUSTRALIAN DIVISIONAL ORDER No. 139.

Reference Map 1/40,000, Sheet 62D.

Headquarters,

x 4th. AUGUST, 1918.

1. The 4th. Australian Division will be relieved in the present Sector, in accordance with table overleaf, by the 2nd and 3rd. Canadian Divisions between the 4th and 6th AUGUST.

Boundaries are shown on attached Map. (not attd)

2. Command of the Sector will pass to the G.O.C., 2nd. Canadian Division at 10 a.m. on 5th. August.

3. On night 4/5th. August 13th. A.I. Bde. will take over whole of present Divisional front. Two Canadian Brigades will move into supporting positions to this Brigade on the withdrawal of the 4th. and 12th. A.I. Bdes. on night 4/5th. August.

4. Canadian M.G. Corps will arrange to relieve all Vickers Guns on night 5/6th. August. Details of relief will be arranged mutually between Commanders concerned.

5. American personnel attached 4th. A.M.G. Battalion will accompany Battalion on relief.

6. C.R.E. and A.D.M.S. will confer with their opposite numbers and arrange reliefs of Engineer and Medical Units respectively.

7. Busses for the conveyance of two Battalions, less two Coys., 13th. A.I. Bde. and two Coys. 4th. A.M.G. Battalion will be available at midnight 5/6th. August, head of column Cross Roads T.2.D.S.3., tail up TRONVILLE WOOD Road. Remainder of 13th. A.I. Bde. and 4th. Aust. M.G. Battalion proceed by route march.

8. G.O's.O. 4th. and 8th. Canadian Infantry Brigades will arrange with G.O.C. 13th. A.I. Bde. for the taking over of the front line on night 5/6th. August.

9. Artillery now covering the Divisional front will remain in position and cover 2nd. and 3rd. Canadian Divisions on completion of reliefs.

10. No movement in formed bodies will take place before 10 p.m. each night East of line running N. and S. through TRONVILLE WOOD.

11. ACKNOWLEDGE.


 Lieut-Colonel.  
G.S. 4th. AUSTRALIAN DIVISION.

Issued at 2 a.m.

Distribution - Normal.

Extra Copies to :-

- 25.) Australian Corps.
- 26.)
- 27. 8th. Tank Battalion.
- 28. 2nd. Canadian Division.
- 29. 3rd. Canadian Division.
- 30. 2nd. Aust. Division.
- 31. 42nd. (French) Division.
- 32. 12th Div. Artillery.
- 33. 3rd Aust. Division.

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APPENDIX

		MOVE TABLE.		
Serial No.	Date.	Unit relieving.	Unit relieved.	Destination. Remarks.
	night			
1.	4/5th Aug.	13th A.I.Bde.	4th A.I.Bde.	
2.	do.	8th Can. Bde.	12th A.I.Bde.	Vicinity P.7 and P.13.* Canadian Brigade to support Right 13th Bde. Relief to be completed by 1 a.m.
3.	do.	4th Can. Bde. (2nd Div.)	4th A.I.Bde.	Vicinity VAIRE* Canadian Bde. to support Left 13th Bde. Relief to be completed by 1 a.m.
4.	do.	2nd & 3rd Can. H.G. Bns.	4th A.M.G.Bn.	Coys. with Bdes. they will operate with subsequently.
5.	do.	9th Can. Bde.	8th Can. Bde.	Reserve Area.
6.	Aug. 5th.	2nd Can.H.Q.	4th Aust.D.H.Q.	CORBIE Chateau. H.Q. closes 10 a.m., re-opens same hour at CORBIE.
7.	night 5/6th Aug.	6th Can. Bde.	15th A.I.Bde. Right.	Vicinity AUBIGNY. Taking over 3rd Can.Div. Front. Relief to be completed by 1 a.m.
8.	do.	4th Can. Bde. (2nd Div.)	13th A.I.Bde. Left.	Vicinity AUBIGNY. Taking over 2nd Can. Div. Front. Relief to be completed by 1 a.m.
9.	do.	5th Can. Bde.	4th Can. Bde.	Support.

\* Come under tactical command of 3rd Australian Division on entering their Area.

*G* *L* SECRET

COPY APPENDIX *G*

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193

2ND BRIGADE CANADIAN ENGINEERS OPERATION ORDER NO. 9.

4th August, 1918

Map Reference Sheet- 62-D.

1. The 2nd Canadian Division will relieve 4th Australian Division in the line commencing on the night 4th/5th August.
2. 4th Bn. C.E. will relieve the 4th Field Company, 4th Australian Division in the line on night 4th/5th August, The details of relief will be arranged mutually between O's.C. units concerned.
3. 4th Bn. C.E. will detail, immediately on receipt of this order, personnel to proceed to take over the following billets;-
 

BLANGY WOOD- N.36.d.9.7. (accommodation- 400 men)  
Horse lines- T.4.a.5.9.  
1 Pioneer Company- T.4.a.4.7.
4. All work, maps, etc., covering area of 4th Field Company, will be taken over by 4th Bn. C.E.
5. 6th Bn. C.E. will detail 25-O.R. to take over the following billets of the 13th Field Company and 4th Pioneer Battalion, 4th Australian Division, in BOVES CEMETERY;-
 

T.7.c.0.8. (accommodation-400 men)  
Horse Lines- T.7.c.0.8.  
Pioneer H.Q.)- S.12.d.8.8. (accommodation 200 men)  
1 Company )

Lorry is reporting to 6th Bn. C.E. to convey these personnel.
6. Command will pass from C.R.E., 4th Australian Division to O.C. 2nd Brigade, Canadian Engineers, 9.00 a.m., August 5th.
7. Completion of relief to be report to this office.
8. ACKNOWLEDGE.✓

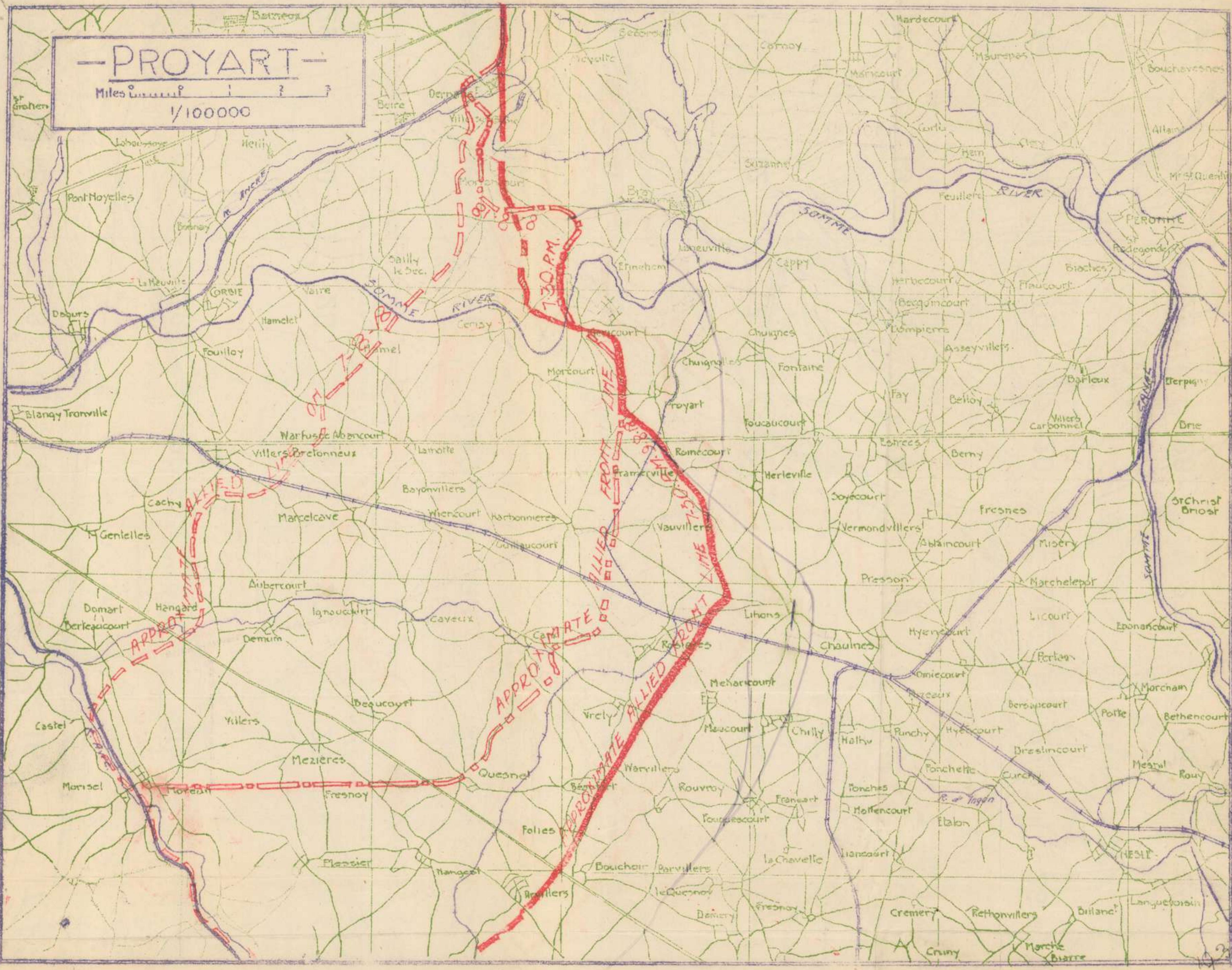
*Jah White*  
Captain,  
Brigade Major  
2nd Bde., Cdn. Engineers

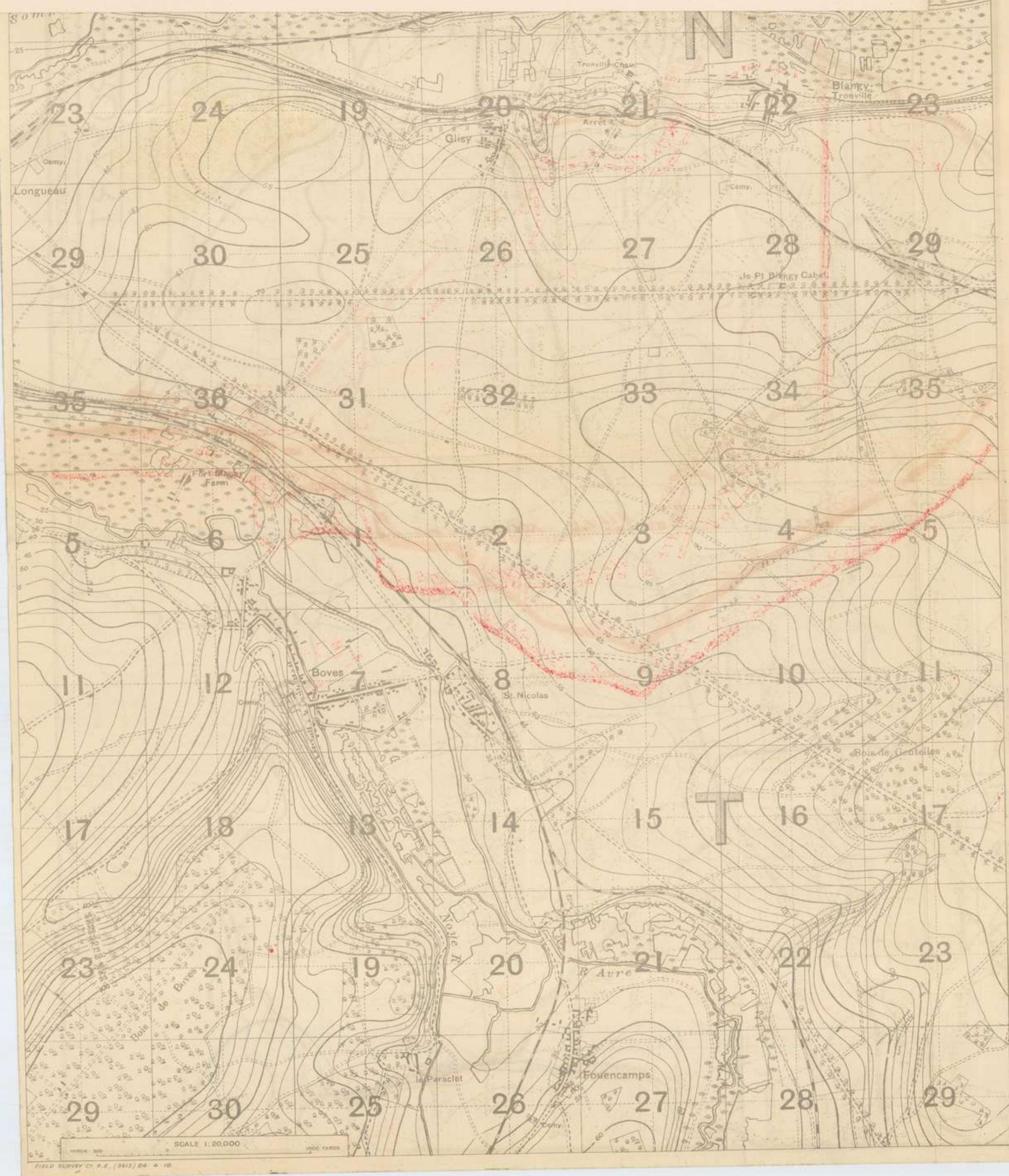
Issued to Signals at.....

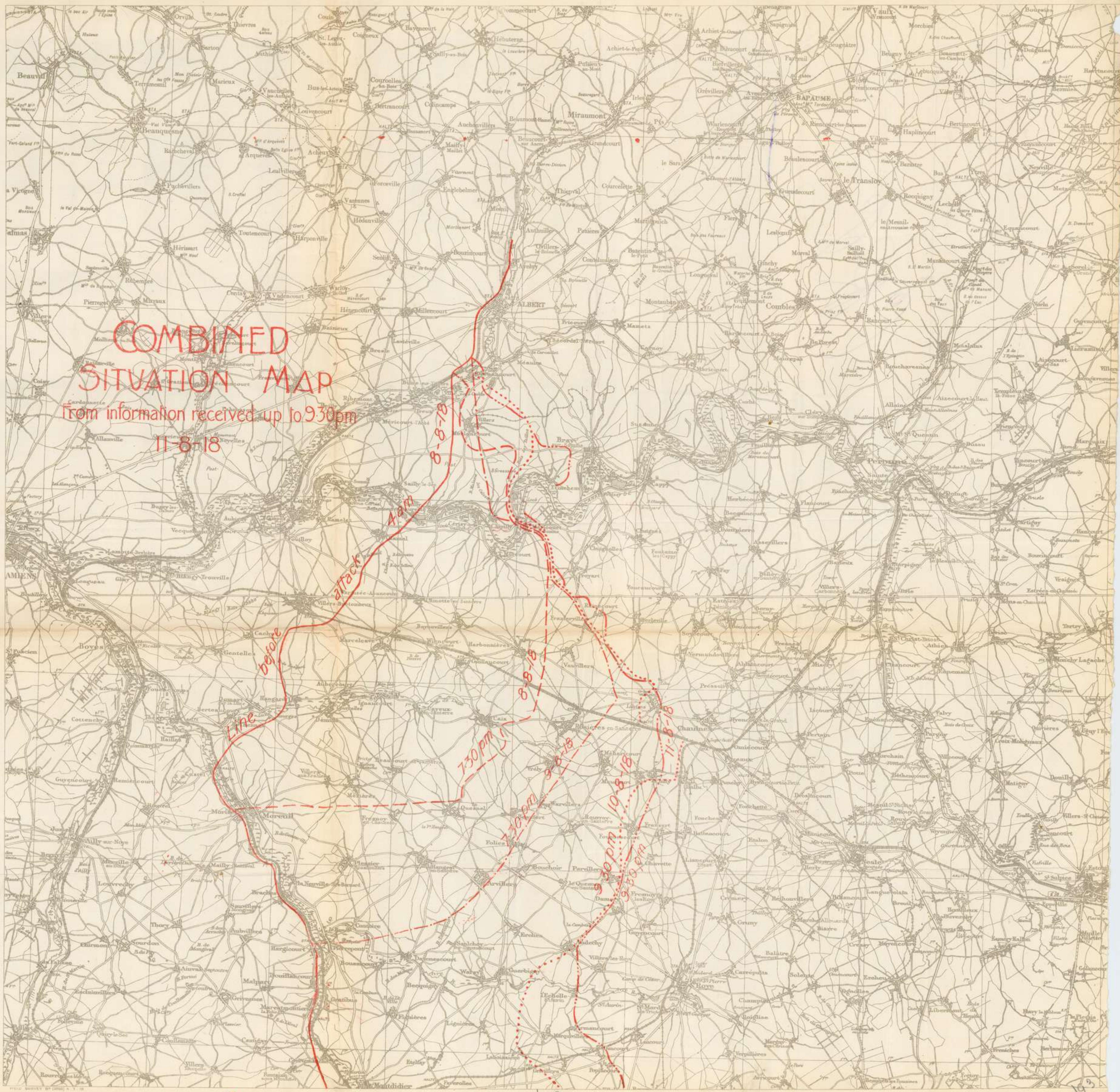
Copy No. 1. 4th Bn. C.E.	No. 5. 2nd Canadian Division
2. 5th Bn. C.E.	6. C.R.E. 4th Australian Div.
3. 6th Bn. C.E.	7. Office Copy
4. 2nd Cdn.Div.P:B.T.Unit.	8. War Diary
	9. War Diary.

193

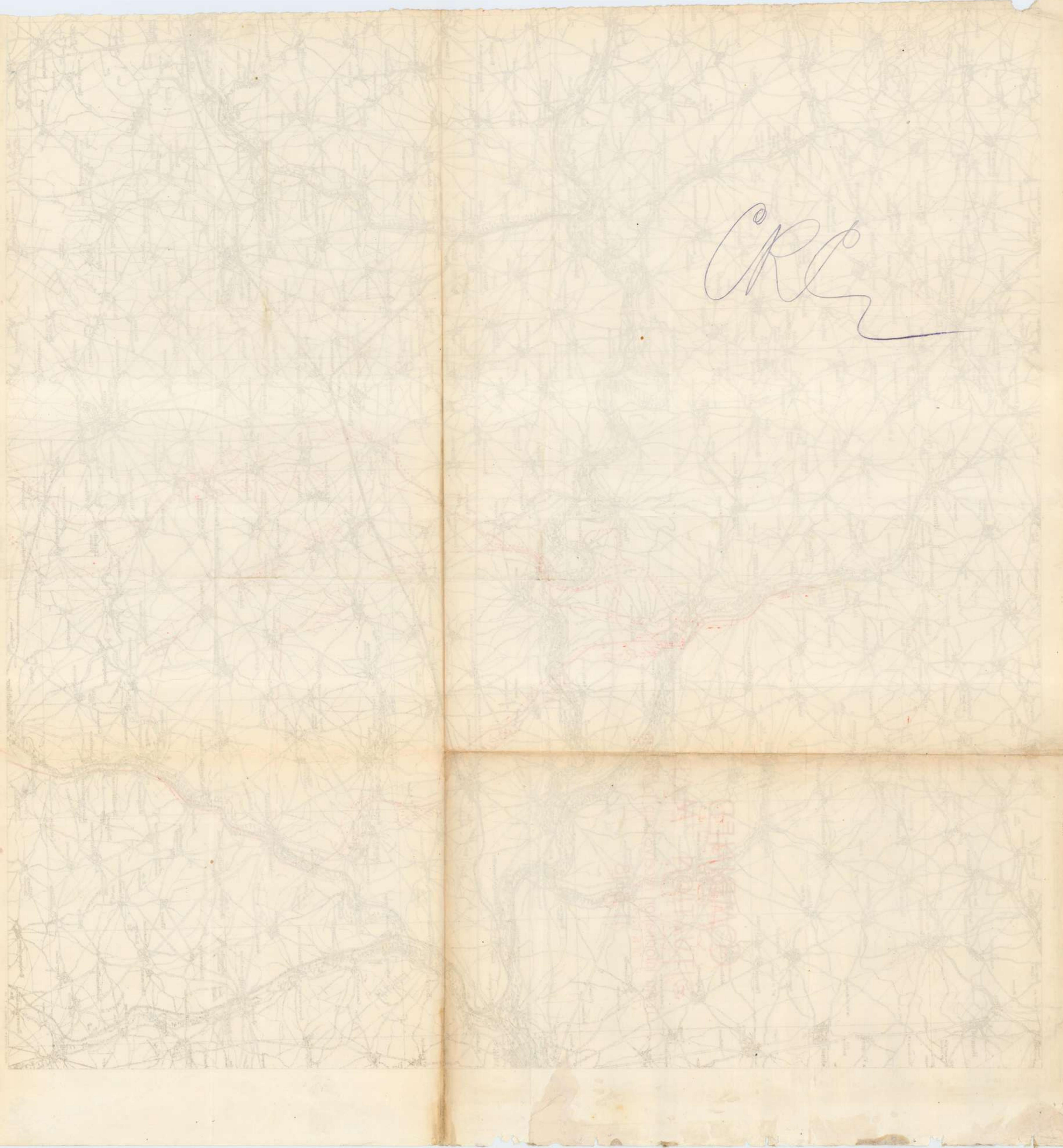
639

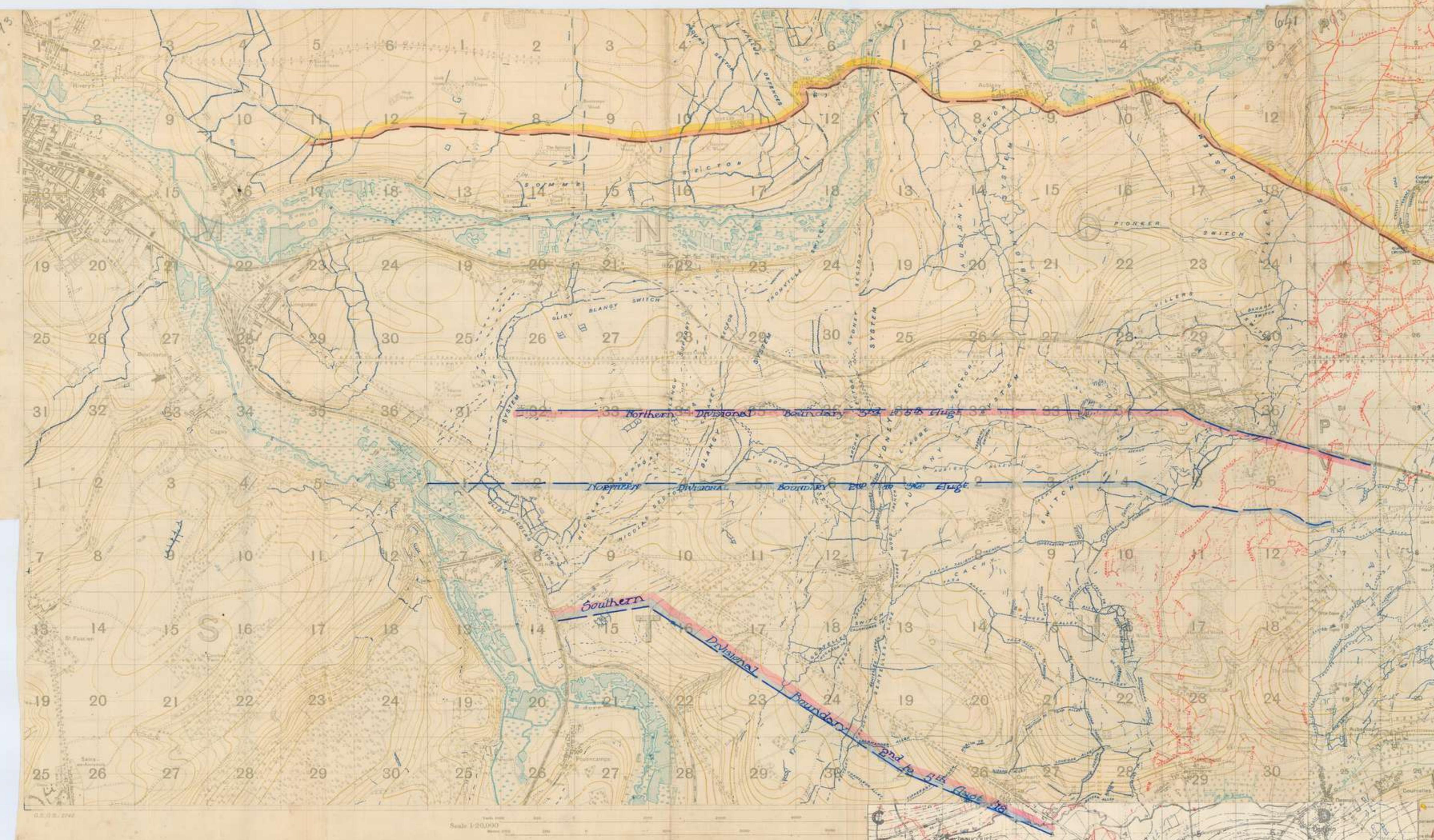


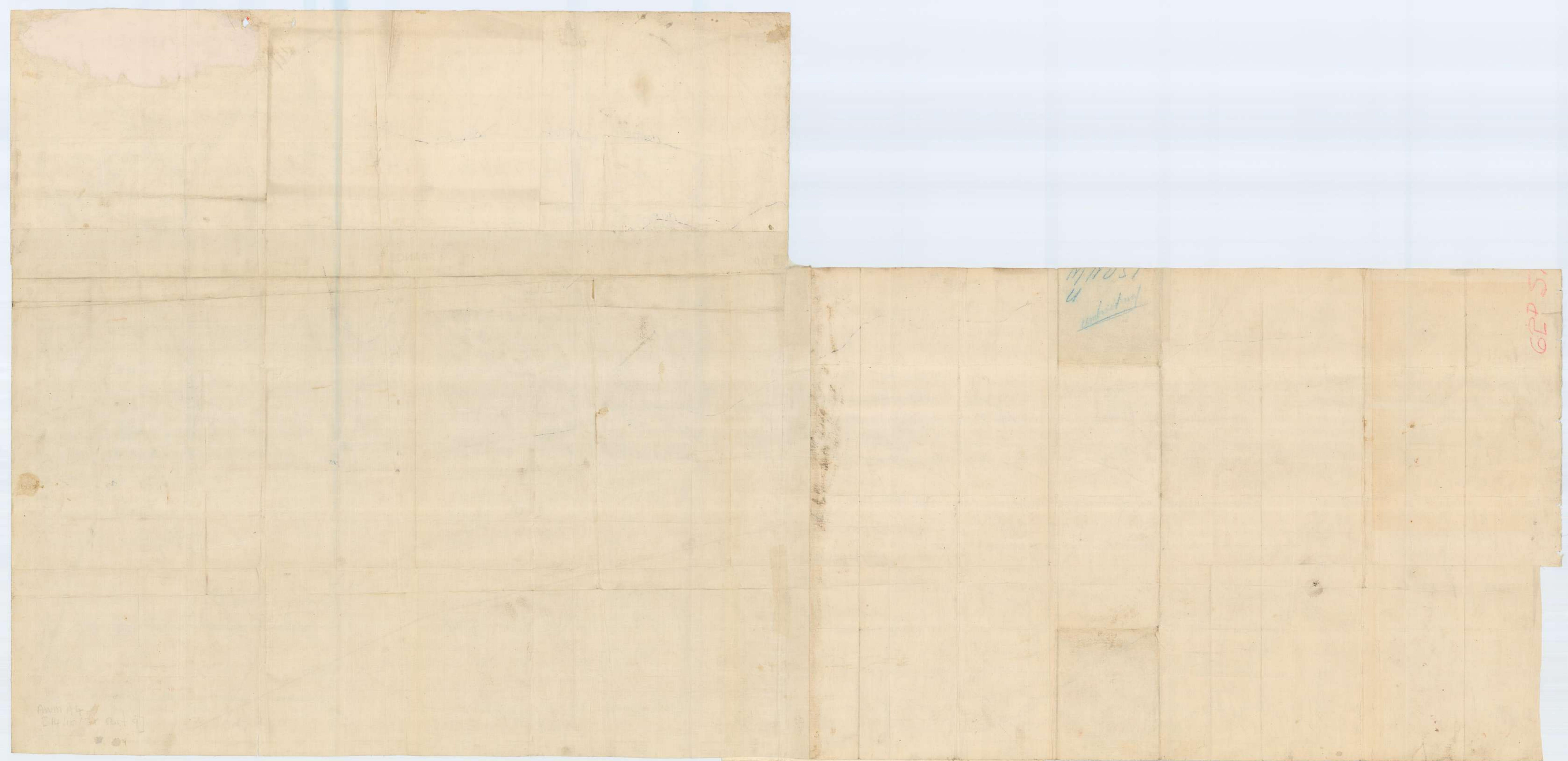




CRC







## APPENDIX

Prefix.....	Code.....	m.	Words	Charge.	This message is on a/c of :	Recd. at.....m.
Office of Origin and Service Instructions			Sent		Service.	Date.....
			At .....	m.	From .....	
			To .....			
			By .....		(Signature of "Franking Officer")	Bv.....
<i>131st Regt US Infy AG</i>						
TO	<i>131st Regt US Infy AG</i>	<i>CRF</i>	<i>Sign. Franking Officer</i>	<i>AAA</i>		
Sender's Number.	Day of Month.	In reply to Number.	<i>AAA</i>			
<i>Ref Rebate 16 bays</i>						
<p>[Dr Aus Div take over from 58<sup>th</sup> Div      Demolition as far N as ORBIE - BRAY Rd      (ed) at 8am today we are now      N boundary will be L 8 Cent - K 17      Cent hence back to 19A 20 - hence back      along Grid line 131<sup>st</sup> Regt US Infy      and elements of 18<sup>th</sup> + 58<sup>th</sup> Div come      under command of GOC 4<sup>th</sup> Aus Div at      time of relief in present positions in      forward area and elements of 18<sup>th</sup> +      58<sup>th</sup> Div will subsequently be relieved      under separate orders and addressed      all Bdes 131<sup>st</sup> Regt US Infy repeated      Divs, Aust Corps &amp; all concerned</p>						
From	<i>4th Aust Div</i>					
Place	<i>Boains</i>					
Time	<i>2 30am</i>					
The above may be forwarded as now corrected. (Z)						
Censor. _____ Signature of Addressor or person authorised to telegraph in his name						
* This line should be erased if not required.						
Order No. 1625. Wt. W3253/ P 511. 27/2. H. & K., Ltd. (E. 2634).						

Prefix.....	Code.....	m.	Words	Charge.	This message is on a/c of :	Recd. at.....m.
Office of Origin and Service Instructions			Sent		Service.	Date.....
			At .....	m.	From .....	
			To .....			
			By .....		(Signature of "Franking Officer")	Bv.....
<i>131st Regt US Infy AG</i>						
TO	<i>131st Regt US Infy AG</i>	<i>CRF</i>	<i>Sign. Franking Officer</i>	<i>AAA</i>		
Sender's Number.	Day of Month.	In reply to Number.	<i>AAA</i>			
<i>Reference Gib for L17 and</i>						
<i>read Key Batt</i>						
<i>Key</i>						
From	<i>4th Aust Div</i>					
Place	<i>Boains</i>					
Time	<i>2 30am</i>					
The above may be forwarded as now corrected. (Z)						
Censor. _____ Signature of Addressor or person authorised to telegraph in his name						
* This line should be erased if not required.						
Order No. 1625. Wt. W3253/ P 511. 27/2. H. & K., Ltd. (E. 2634).						

APPENDIX

11A

Prefix.....	Code.....	m.	Words	Charge	This message is on a/c of:	Recd. at..... m.
Office of Origin and Service Instructions			Sent..... At..... m.		Service.....	
To..... 13 R.A.F. 31 LONDON			To.....	From.....		Date.....
		By.....	(Signature of "Franking Officer")			By.....
TO..... 13 R.A.F. 31 LONDON						
Sender's Number:		Day of Month.	In reply to Number.			

193

13

appx 11<sup>a</sup> 643

"A" Form  
MESSAGES AND SIGNALS.

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

Prefix.....	Code.....	m.	Words.	Charge.	This message is on ac of:	Recd. at..... m.
Office of Origin and Service Instructions.			Sent			Date.....
			At..... m.		Service,	From.....
			To .....			By.....
			By .....		(Signature of "Franking Officer.")	
TO {		4th, 12th, 13th F. Co., A.E.				
Sender's Number.		Day of Month.		In reply to Number.		AAA
* E.D. 599		10				AAA
<p>4th AUST. DIV. take over from 56th line Div. as far N. as CORBIE - BRAY Rd exclusive at 8 a.m. today 10th aaa New N. Boundary will be L.S. central - K.17. central thence Rd. to J.19.a.2.0. - thence West along Grid line</p>						
From		C.R.E. 4th AUST. DIV.				
Place						
Time						
The above may be forwarded as now corrected.				(Z) <i>John Lowe</i>		
Censor.		Signature of Addressee or person authorised to telegraph in his name.				
* This line should be erased if not required. (18965.) Wt. WI2952/M1294. 187,500 Pads. 1/17 McC. & Co., Ltd. (E. 318.)						

H II

APPENDIX

Appendix No 12

*Key*

"A" Form  
MESSAGES AND SIGNALS.

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

No. of Message.....

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

TO	.....	.....	.....
.....	.....	.....	.....
.....	.....	.....	.....

Sender's Number.	Day of Month.	In reply to Number.	AAA
.....	10.		

Relief by 30th Dec will be carried out tonight approx On completion Bdes will move to following Areas reporting completion  
 Area 1 A.S.Bde to 120, 30, 36 am  
 Area 2 Bde to 8, 19, 20, 21 am  
 Reconnoitring parties will be sent to these areas and letters of Bde M's selected will be handed to their officers as soon as possible and addressed all Pdes reported plan to do 30 Dec and all concerned

From	4th Class Div
Place	
Time	

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

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

\* This line should be erased if not required.

Order No. 1625. Wt. W3253/ P 511. 27/2. H. & K., Ltd. (E. 2634).

193

645

## APPENDIX 12.

Prefix.....	Code.....	m.	Words	Charge.	This message is on a/c of : <i>AYI</i>	Recd. at.....m.
Office of Origin and Service Instructions			Sent	At .....	Service.	Date.....
<i>Copy AYI</i>			To .....	By .....	From .....	
			(Signature of "Franking Officer")			By .....
TO		<i>CRA</i>	<i>120 ft Bde</i>			
		<i>Pioneer Bn</i>	<i>13<sup>th</sup> A/1 Bde</i>			
		<i>4<sup>th</sup> Bde</i>	<i>#</i>			
Sender's Number.		Day of Month.	In reply to Number.			<b>AAA</b>
<i>972</i>		<i>10</i>				
<p>all engineers and Pioneers      will come under Dir<sup>e</sup>      control for work on      Roads and Bridges from      8 am inst area      They will be quartered      within the dev<sup>e</sup> area      as most convenient in      accordance with arrangements to      be made direct between      CRA and CO Pioneer Bn      CRA will issue      necessary instructions and address      CRA and Pioneers repeated      Bdes CRA and AQ</p>						
From	<i>4<sup>th</sup> Bde Dir</i>			<i>Ref</i>		
Place						
Time						
The above may be forwarded as now corrected. (Z)						
Censor.		Signature of Addressee or person authorised to telegraph in his name				
		<i>General Khurshid Khan</i>				



193

## APPENDIX 12.

646

Prefix.....		Code.....	Words.....	Received.	Sent, or sent out.	Office Stamp.
				From.....		
				By.....		
Charges to Collect				At.....	.m.	
Service Instructions.				To.....		
				By.....		
Handed in at.....			Office.....	m.	Received.....	m.
<p style="text-align: center;">TO</p> <p><i>Chef &amp; Bush Div</i></p>						
*Sender's Number	Day of Month	In reply to Number		AAA		
1320	10/8					
3rd	Pioneers & 9th					
and	10th and 13th					
field	days will do					
work	under C.E. in days					
10/11	instant & Region					
their	Divisions etc.					
leash	3rd pines					
RPA	: CHE 334					
FROM	<i>C.E.</i>		<i>PPX/2</i>			
TIME & PLACE			<i>PL4</i>			



CHIEF ENGINEER,  
AUSTRALIAN CORPS.

APPENDIX

~~SECRET~~

Copy No. ....

HODS 4 AUS.  
DIVN. ENCRS.

647  
13A U S T R A L I A N   C O R P S .

Engineer Instruction No. 6.....10th. August 1918.

DATE 10/8/18

ROADS.

1. Certain units employed under C.E. during the present operations (vide Engineer Instruction No.1 of 3rd. August issued under Australian Corps Battle Instructions Nos. 1 to 7) cease work under the C.E. and return to their respective Divisions as follows:

3rd. Pioneer Battln.	)	Midnight 10/11th.
9th. Field Coy AE.	)	AUGUST.
10th. Field Coy AE.	)	
13th. Field Coy AE.	)	
5th. Pioneer Battln.	)	NOON 10th. August.
15th. Field Coy AE.	)	
5th. Field Coy AE.	)	Midnight 10/11th.
6th. Field Coy AE.	)	AUGUST.

2. Forward of the line 0.36.d.0.2. - VILLERS BRETTONEUX - FOUILLOY CORBIE - I.24.b.0.0. responsibility for the maintenance of the roads up to the Corps Line CERISY - Q.27.Central - W.8.c.0.0. will be as shewn on the accompanying map.

the 146 A.T. Company RE in the Northern Sector.  
567 A.T. Company RE in the Southern Sector.

Labor is allotted as follows:-

146 A.T. Company RE.	105 Labor Company.
567 A.T. Company RE.	90th. Labor Company )
	168th. Labor Company )

The 146 A.T. Company will take over six (6) tip carts and horses from the 567 A.T. Company R.E.

O.Cs 146 and 567 A.T. Coys. will indent daily on C.E. for lorries for carrying forward stone from railhead dumps.

3. Forward of the Corps Line Divisions will be responsible for the maintenance of the roads in their respective Divisional Sectors.

4. ACKNOWLEDGE. ✓

*John G. Burnell Capt A.T.E.*  
for Brigadier-General.  
Chief Engineer Australian Corps.

DISTRIBUTION:

- |                           |                         |
|---------------------------|-------------------------|
| 1-6 G.Aust.Corps.         |                         |
| 7-8 Q.Aus.Corps.          |                         |
| 9 CE Fourth Army.         |                         |
| 10 D.A.D.Roads Aus.Corps. |                         |
| 11 CRE 1st.Aus.Div.       | 17 567 A.T. Company RE. |
| 12 CRE 2nd.Aus.Div.       | 18-20 War Diary.        |
| 13 CRE 3rd.Aus.Div.       | 21 File.                |
| 14 CRE 4th.Aus.Div. ✓     | 22-25 Spare Copies.     |
| 15 CRE 5th.Aus.Div.       |                         |
| 16 146 AT Coy RE.         | .....                   |

## APPENDIX

14*Secret*

Headquarters,  
4th Aust. Div. Engrs.,  
12th August, 1918.

O.C. 4th, 13th, & 17th Fd. Coy's, A.E.

A force to be known as the "Liaison Force" is being organised with the object of carrying on the battle North of the River SOMME and effecting a liaison between AUST. CORPS, South of the River, and the III Corps.

The 13th Aust. Inf. Bde, with the 13th Field Coy, will be included in this force, and will deal direct with 4th Aust. Div. in all questions connected with personnel except discipline and honours and awards.

G.O.C. Liaison Force (Brigadier-General E.A. WISDOM, C.B., C.M.G., D.S.O.) assumes command of the Corps battle front N. of the SOMME (exclusive) and the point of junction with 3rd Corps to-day, 12th. 4th Aust. Div. will then pass into Corps Reserve with H.Q. at CORBIE. H.Q. Liaison Force will be at J.22.d.1.2.

4th and 12th A.I.Bdes and other Divisional units will remain in present locations pending further instructions.

The 17th Division relieves the 3rd Aust. Div. in the line to-night, 12/13th inst.

HOQRS 4 <sup>th</sup> AUS.
DIVN. ENGRS.
No. 262807
DATE 12/8/18

*R. H. D.*  
Lieut-Colonel,  
G.R.S. 4th AUSTRALIAN DIVISION.

Prefix.....	Code.....	m.	Words	Charge.	This message is on a/c of : <i>AD102</i>	Recd. at.....m.
Office of Origin and Service Instructions <i>Supplies 151</i>			Sent		Service.	Date.....
			At .....	m.	<i>R</i>	From .....
			To .....			
			By .....		(Signature of "Franking Officer")	By.....
TO	13011005	1000	1000	1000	Aust Corps	
	12	12	12	12	Plan B	
	CRS. Div 1000 P.M.				Liaison	
Sender's Number.	177	12			In reply to Number.	AAA
<p>Govt liaison force assumes command of Aust Corps front N. of Somme (exc.) and junction with 3rd Corps today. An hour later info notified by Aust. Div. Bde.) into HQ. Reserve with HQ. CORBIE and HQ. liaison force will be at S. 22 D. 17. 12 Bdes and other Div. units will</p>						
From						
Place						
Time						
The above may be forwarded as now corrected.			(Z)			
Censor.		Signature of Addressee or person authorised to telegraph in his name				

## APPENDIX

660  
14

Appendix No 14

S E C R E T .

\*\*\*\*\*

Copy No.

## FOURTH AUSTRALIAN DIVISION,

Headquarters,  
11th August, 1918.

## BATTLE INSTRUCTIONS Series B. No. 1.

## LIAISON FORCE.



1. (a) A force to be known as the "Liaison Force" is being organised with the object of carrying on the battle North of the River SOMME and effecting a liaison between AUST. Corps, South of the River, and the III Corps.

(b) This force is to be Commanded by Brigadier-General E.A. WISDOM, C.B., C.M.G., D.S.O.

2. The following Staff will be provided by this Division :-

Acting D.A.D.M.S.	-	Major T.C.C. EVANS, D.S.O. 13th Aust. Field Ambulance.
-------------------	---	---

3. The force is to be composed as follows :-

Light Horse	-	1 Troop 13th Aust. Light Horse.
-------------	---	---------------------------------

Artillery (Under the Command of C.R.A., 58th Division). 58th Divisional Artillery. } Now North of the SOMME under 18th Brigade R.H.A. } 4th Australian Division.
--

Infantry	-	13th Aust. Infantry Bde. 131st American Regt.
----------	---	--

Machine Gun Units.	-	13th Aust. M.G. Coy. 124th American M.G. Bn.
--------------------	---	---

The following auxiliary troops will be detailed by the 4th Aust. Division:-

13th Aust. Field Company. 27th Coy. A.A.S.C. Medical Units in accordance with further instructions, which will be issued by the A.D.M.S.
--

## 4. SIGNAL ARRANGEMENTS.

A Headquarters Signal Section is being formed for which the following personnel will be provided by 4th Aust. Divisional Signal Company :-

1 Switch Board Operator. 1 Telegraph Operator. 1 Despatch Rider with Motor Cycle.
---

The personnel detailed by other Divisions to make up this Section, together with that detailed above, will report to O.C. 4th Aust. Div. Signal Coy. today and be instructed to report to Liaison Force H.Q. at VAUX by 6 P.M. today, 11th.

P.T.O.  
.....

## APPENDIX

14

100 VOL

- 2 -

5. The 132nd American Regt. will replace the 13th A.I.Bde. in the 4th Aust. Division, reporting to this H.Q. on arrival.  
It will be quartered in Squares J.22. & 20. H.Q. dugout in Square J.22.D.1.2, until it moves to 4th Aust. Divisional Area.
6. The 13th A.I.Bde. will deal direct with 4th Aust. Division in all questions connected with personnel except discipline and honours and awards.
7. Date and time at which command will pass will be notified later.

8. ACKNOWLEDGE.

Lieut.-Colonel,  
General Staff,  
4th AUSTRALIAN DIVISION.

Distribution: Normal.

Extra Copies to-Aust. Corps.

3rd Aust. Div.  
36th Division.  
1st Aust. Div.  
2nd "  
5th "  
131st Regt. U.S. Infantry.  
132nd " " "  
66th American Inf. Bde.  
Light Horse Detachment.  
Cyclist Detachment.

193.

## APPENDIX

15

15

## "A" Form.

## MESSAGES AND SIGNALS.

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

No. of Message.....

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

TO { C. E. Dust Corps

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

\* ED 604 10 AAA

Large RE Dump reported  
at LA FLAQUE R 26 d 33  
estimated large as STEENWERCK  
Dump contains tools of  
all kinds cement pumps  
hutting DECAUVILLE track 60 c.c.  
poles barbed wire picks  
shovels large quantities  
sawn timber and guard  
put on this dump

From	C.E. Dust Div.
Place	
Time	

The above may be forwarded as now corrected.

(Z)

Censor.

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

\* This line should be erased if not required.

(3796.) Wt. W 492/M 1647. 650,000 Pads. 5/17. H.W. & A.M. (B. 187)  
10th Anst. Div. Engrs.

193-1183 to C.F.  
4th Australian

INVENTORY

APPENDIX

653  
15

of 4 sheds La FLAQUE Dump, - Taken 11th August 1918.

		<u>Approx.</u>
Pumps, single action		50
" well		50
Pineapple Guns, new.		26
Wire, barbed	Coils	700
" concertina	"	100
Picks		5000
Shovels		5000
Camouflage	Rolls	30
Water carriers, new.		40
Carts, light, new.		6
Sandbags		200,000
Mining sets		5,000
Minenwerfers, new		15
Periscopes, new		100
Grindstones		20
Cement,	Barrels and bags	1,000
Buckets, new		100
Water cans, new		50
Rakes, new		50
Pitchforks, new		50
Mauls		300
Quantity mixed paints.		
Sledge hammers		200
Anvils, blacksmiths		15
Large assortment Carpenters' tools.		
Wiring gloves	Pairs	1,000
Crosscut saws		12
Locks	Box	1
Black Iron, 7 x 4 sheets		30
Nails, 6"		10 cwt.
Lamps, safety		50
Hinges and staples		200
TIMBER, 9x2, 6x1, 2x2, 6x3,		1,000,000 ft.

I.P.T. O'Neill  
Lieut. & Adj't.  
4th. Aust. Div. Engrs.

16  
War Diary

Copy no. ....

SECRET.INSTRUCTION No. 11 - ISSUED UNDER 4th AUST. DIV. ORDER No. 13<sup>a</sup>.

ENGINEERS and PIONEERS.

The 4th Australian Division is to attack the enemy from the River SOMME (inclusive) to the south at a date and hour to be notified later.

DISTRIBUTION.

4th FIELD COY will work with 4th Aust. Inf. Bde. in the left Sector.

12th FIELD COY will be responsible for communications across the SOMME.

13th FIELD COY will work under C.E. Aust. Corps and will come under his command at midnight of 7th August. O.C. 13th Field Coy will arrange for a runner to be available at C.A.E's office from 6 p.m. on 6th inst.

4th PIONEER BATTALION. 2 Companies will be attached to 5th Aust. Division and work under C.R.S. 5th Aust. Division.

1 Company will be attached to 4th Aust. Inf. Ldg in the left Sector.

1 Company will be attached to 12th Aust. Inf. Bde in the Right Sector.

The Company attached to the 12th Aust. Inf Bde. will function as outlined for 4th Field Coy.

O.C. 4th FIELD COY will keep in touch with G.O.C. 4th Bde. and carry out any necessary work. Particular attention will be paid to erection of notice boards on tracks, roads, H.W.'s, etc.; road repair in the Bde. sector, reconnaissance for captured dumps.

SOMME CROSSINGS. River SOMME. 12th FIELD COY will be responsible for the crossings over the River SOMME. An early reconnaissance will be made of captured bridges, which should be immediately repaired if not too badly damaged.

Bridges to carry 1st Line Transport will be constructed, if existing bridges are damaged beyond immediate repair, at -

(a) Q.3.b. or Q.95., provided a suitable approach exists on the North side of the River. Failing this, a bridge to carry infantry will be constructed.

(b) Q.3.d. 95.55.

Bridges to carry infantry will be constructed at a suitable place, should existing bridges be damaged beyond immediate repair:

(a) in Q.3.b. or d.

(b) as near to Q.10. central as possible.

The maximum loads to be placed on bridges will be clearly shown at each approach.

It is most essential that the bridge reconnaissance, and subsequent action thereon, should closely follow the advancing infantry, as, at any stage during the advance, it may be necessary to send reinforcing troops from one side of the river to the other. At all events, it will be necessary to have efficient crossings to facilitate communication between both banks of the river.

Any available boats or surplus pontoons will be converted into ferries. O.C. 4th Field Coy. will arrange liaison direct with O.C. 12th Field Coy. as to the requirements of the brigade in this respect.

The following bridging equipment is placed at the disposal of 12th Field Coy. -

(a) Complete bridging equipment 5th Aust. Div. Engrs., location to be notified later.

P.T.O.

## APPENDIX 16

- 2 -

- (b) Complete bridging equipment 4th Aust. Div. Angrs.  
(c) 4 Pontoon Wagons loaded from Pontoon Park.

At a date to be notified later, O.C. 13th Field Coy will place at the disposal of O.C. 12th Field Coy.-

- (a) Two loaded Pontoon Wagons,  
(b) 3 - 6 horse teams.

O.C. 4th Field Coy. will place Company bridging equipment at the disposal of O.C. 12th Field Coy. and arrange details direct.

O.C. 12th Field Coy. will be advised of the arrival of 4 pontoon wagons from the Pontoon Park. These will be met and parked in the Railway Station Yard, CORBIE.

Special bridging material - R.S.J., timber, girders, planking, as available, will be deposited at VACQUEMONT and CHAPEAU DULIPS.

On the assumption that the road bridge at Q.Z.d. has been prepared for demolition, one tank has been detailed to deal with the guard and prevent demolition of the bridge. O.C. 12th Field Coy will arrange necessary details with G.O.C. 4th Aust. Inf. Bde and detail two sappers to accompany the tank to remove, or render ineffective, the charges.

**OUT AND ATER** Two parties, each of 1 Officer and 15 O.R's, detailed by O.C. 1st Aust. Tunnelling Coy. will be employed - one in each Brigade Sector **ECONNAT-SANCE.** in locating and exploiting deep dugouts and wells. Officers i/c of these parties will notify their respective Brigades of the existence of suitable dugouts for H.Q. etc. and notify O.C. 1st Aust. Tunnelling Coy. through C.R.E., of any work required by the Brigades, and which cannot be undertaken by the Brigade or Tunnellers available.

Reconnaissance reports will be sent to C.R.E. as early as possible.

**OVERLAND TRACKS.**

Overland tracks in continuation of those to be constructed by 3rd Div. will be constructed as follows, -

'A' by Company of Pioneers attached to 12th Bde.

'B', 'C', and 'D' by 4th Field Coy.

All tracks will be clearly marked. Fire and other obstacles to be removed and trenches filled in.

The attached map (to 4th Aust. Div. 4th and 12th Field Cos. and 4th Pioneer Bn) shews overland tracks to be constructed by 3rd Aust. Div. and 4th Aust. Div. and the roads work being carried out by C.R.E. Aust. Corps.

**REPORTS.** O's. C. 4th and 12th Field Cos. and C.O. Pioneer Bn. will send reports to C.R.E. every two hours from zero hour until further notification.

C.R.E.'s. office will be situated in FOUILLOU.

**ACKNOWLEDGE.**

5th August 1918.

*R/Ch. 13/1*  
Lieut-Colonel,  
C.R.E. 4th AUSTRALIAN DIVISION.

**DISTRIBUTION:** Same as for Divisional Order No. 13<sup>2</sup>.

Extra copies to:-

- C.S. Aust. Corps
- C.R.E. 3rd Aust. Div.
- C.R.E. 5th Aust. Div.
- C.R.E. 58th Division.
- 4th Field Coy. A.S.
- 13th Field Coy. A.S.
- 13th Field Coy. A.S.
- 4th Aust. Pioneer Bn.
- 1st Aust. Tunnelling Coy.
- War Diary (3).

16Secret.War Diary

ADDENDUM No. 1 to INSTRUCTIONS No. 11, ISSUED UNDER

4th AUSTRALIAN DIVISIONAL ORDER No. 138.

WATER  
SUPPLY.

The R.M.O. 4th Aust. Div. Engrs. will test water drawn from wells etc. in the captured area, and will be in touch with the Engineer Liaison Officer at 4th Bde. H.Q.

Water samples will be sent through the Engineer Liaison Officer to the R.M.O.

5 - 50 gallon tanks

5 - 100 gallon tanks are available, and will be erected by 4th Field Coy. at suitable places.

Water samples will be clearly labelled giving the nature and location of source of supply.

Lieut-Colonel,  
C.R.E. 4th AUSTRALIAN DIVISION.

6th August 1918.

DISTRIBUTION:

4th Aust. Div.  
C.E. Aust. Corps.  
A.D.M.S.  
4th A.I.Bde.  
12th A.I. Bde

4th Field Coy.  
13th " "  
R.M.O.  
War Diary (3)  
File.

16

*War Diary*

Headquarters,

4th Aust. Div. Engrs.

HOORS 4<sup>TH</sup> AUS.

DIVN. ENGRS.

9th August, 1918.

No. 162790

DATE 9/8/18

O.C. 12th Field Coy, A.E.

The line will probably be advanced to-night or to-morrow morning as follows:-

4th A.I.Bde. left flank to R.l.

12th A.I.Bde. to a line of strong-posts East of PROYART.

Please detail a small party to:-

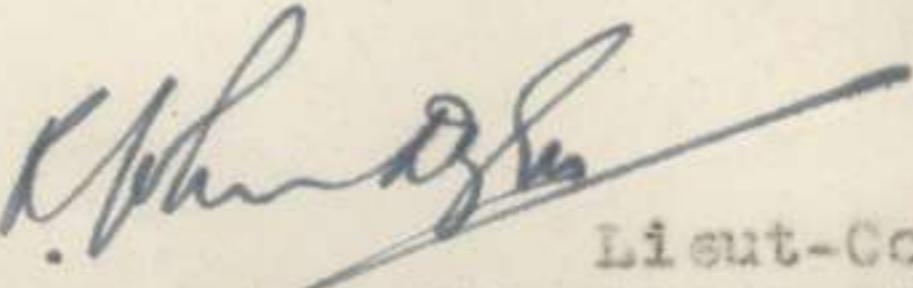
(a) Investigate and report on water supply in PROYART and vicinity. A deep well is reported at R.14.a.9.3. Water samples will be sent to the R.M.O. at MORCOURT for testing. The result of the test will be clearly shewn at each source of supply.

(b) Make road reconnaissance of 12th Bde area forward of N. and S. line through Q.22.central and Q.28.central.

The CHIPILLY RIDGE is now reported clear of the enemy.

Make bridge reconnaissance as far forward as possible.

The above parties will call at the Brigade H.Q. concerned before going out, to ensure that the ground to be reconnoitred is in our hands.



Lieut-Colonel,  
C.R.E. 4th AUSTRALIAN DIVISION.

Copies to -

12th A.I.Bde.

4th Field Coy.

## DIVISIONAL ENGINEER ORDER NO. 11.

by

Lieut-Colonel A.J. DYER, D.S.O.C.R.E. 4th AUST. DIV.

In the Field.

13th Aug. 1918.

## 1. General.

- (a). The attack by the Australian Corps is to be continued on the 16th inst. in co-operation with the Canadian Corps on the right.
- (b). The role of the Australian Corps is to effect a considerable penetration on the right and to form a defensive flank on the left.
- (c). The attack is to be carried out by the 8th Australian Division on the right, the 4th Australian Division in the centre, and the 2nd Australian Division (which is forming the flank in conjunction with the advance of the 4th Australian Division) on the left.

## 2. Outline Plan.

- (a). The Division will take over the Line from the 1st Australian Division (1st A.I.Bde. on the right, 3rd A.I.Bde. on the left) as early as possible on night 15/16th August.
- (b). The attack will be carried out by the 12th Aust. Inf. Bde. on the right, and the 4th Aust. Inf. Bde. on the left, with the 13th Regt. U.S. Inf. in Divisional Reserve.

## 3. Information regarding enemy defences.

The area to be attacked includes part of the old trench system held by the enemy prior to July 1918.

## 4. Move.

- (a). 4th and 12th Field Cos. (less 1 section attached to 4th and 12th A.I. Bdes.) will move on 15th inst. to bivouacs in the vicinity of HARONNIERES. No troops will be quartered south of the VILLERS BRETONNEUX-CHAULNES railway line on any account.
- (b). Completion of move of Field Cos. and Pioneer Bn. stating location of headquarters and transport lines will be reported to this office.
- (c). C.R.E.'s. office will close at FOUILLOY at 2 p.m. on 15th inst. and open at VILLERS BRETONNEUX at 3 p.m. on same date.

## 5. Inter-Brigade boundary will run as follows:-

Due west parallel to grid line from S.20.c.0.s.; from S.20.c.0.s. due east parallel to grid line after the operation.

## 6. Distribution.

- (a). On arrival in new area 4th Field Co. will reconnoitre suitable sites for horse troughs in the divisional area, and erect troughs. Horse troughs already exist at ROSENNE dump. Water picquets will be established on troughs and their locations reported to this office for early promulgation.

- (b). 12th Field Co. will be responsible for the exploitation of wells in the area captured by the division. R.M.C. will test water and arrange details direct with O.C. 12th Field Co. Engineer reconnaissance officers will send direct to O.C. 12th Field Co. a copy of water reconnaissance in addition to copy sent to C.R.E. Water picquets will be placed at sufficient wells passed fit for use to supply the needs of the forward troops. Notice board will be placed on all walls stating whether water is fit for use, and amount of chlorination required. Tanks, pumps, cordage and windlasses will be supplied on demand for use at horse troughs and wells.

P.W.O.

- 8 -

(c). 4th and 12th Field Cos. will erect Direction boards in 4th and 12th Bde. sectors respectively, and render technical assistance in the improvements of accommodation etc. On completion of duty of reconnaissance sections in the captured area 4th and 12th Field Cos. will each hold one section in divisional reserve. This section may be relieved at the ~~discretion~~ discretion of the C.O. Companies.

(d). C.O. 4th Field Co. will detail 3 other ranks to take over maintenance of steam pump plant and water point at ROISTERES dump from 1st Aust. Div. Engineers, before noon ~~to-morrow~~ 15th inst.

7. Pioneer Instructions.

(a). C.O. 4th Pioneer Bn. will detail 3 platoons for attachment to Mobile P.A. batteries. These platoons will report back to their battalion immediately the guns have taken up their final positions. Instructions as to when and where these platoons report will be issued later.

(b). The remainder of the battalion will be employed on roads, tracks, consolidation etc. as required.

(c). Small road patrols will be detailed for the main traffic routes in the divisional area east of MARIGNIERS.

Acknowledge.

Lieut-Colonel,  
C.R.E. 4th AUSTRALIAN DIVISION.

Distribution:

1. 4th Field Co.
2. 12th Field Co.
3. 4th A.I.Bde.
4. 12th A.I.Bde.
5. 4th Aust. Pioneer Bn.
6. 4th Aust. Div.
7. C.E. Aust. Corps.
- 8-10. War Diary.
11. File.

## MESSAGES AND SIGNALS.

(in pads of 100.)

No. of Message.....

Prefix.....	Code.....	m	Words.	Charge.	This message is on a/c of:	Recd. at..... m.
Office of Origin and Service Instructions.					17	
					Sent	Date.....
					At..... m.	From.....
					To.....	
					By.....	(Signature of "Franking Officer.")

TO {

All Bush

Sender's Number.	Day of Month.	In reply to Number.	AAA
* 6M77	10		

Following from Corps and  
 Following were from General  
 Burdwood and First Class  
 everything evidently as  
 completely satisfactory  
 as I felt sure it would  
 be with all the necessary  
 arrangements made.  
 Will you please convey  
 my best and sincere  
 congratulations to all  
 concerned. Only with  
 every man comes  
 fully my feelings  
 for him and his

From	12 M 1938
Place	
Time	

The above may be forwarded as now corrected.

(Z)

K. A. W. 17

10.8.1.

To CRE.

Foot bridge at Q. 10. d.<sup>o</sup>  
is now complete and track to it  
laid and notice-boards fixed  
guard on fence dump now  
posted and stock-sheet been  
prepared.

J. Lane Riddell.

Or. 12<sup>th</sup> Field Cos.

Futura mat.

P.S.



193

WD

File

FOURTH AUSTRALIAN DIVISION.

APPENDIX

17 April  
early 22/8/18HOORS 4<sup>TH</sup> AUS.

DIVN. ENGRS.

No.

DATE 22/8/18

Headquarters,  
21st August 1918.ALL UNITS OF DIVISION.

I, as Divisional Commander, wish to express to all ranks of the Fourth Australian Division my appreciation of their work during the period of our late successful offensive, 8th August, following days, and since.

The work of all arms was excellent and again enhances the fine fighting traditions of the Division.

To the work of the Staffs, of the Division, the Divisional Artillery, Infantry and Artillery Brigades, and of all units is due in great measure the success of the operation so successfully concluded.

This, when backed by such gallant and good tactical handling on the part of Officers and N.C.O.s. and by the fine and gallant dash of all ranks, together with the initiative and resource displayed by such a large number of individuals and supported by excellent administrative arrangements, made the operation one of the most brilliant and successful accomplished by the Division since its arrival in France.

I much regret that the exigencies of the situation made it necessary for the 13th Brigade to be temporarily detached from the Division, but this Brigade carried out its role with complete success, and also in a manner worthy of its fine traditions.

The Artillery was handled with boldness and skill and their dash and initiative earned unstinted praise.

The S.A.A. Section D.A.C. and the Div. Train by bold and gallant action kept pace with the advance and enabled the services of Ammunition and Supply to be fully maintained under trying circumstances.

The Engineers and Pioneers carried out their duties gallantly and resourcefully and their work was excellent.

The Signal Service more than fully maintained their excellent record.

I have to thank all ranks of the Division for their devoted, gallant and unselfish work both during the operation, and since, in the Line.

To the Tank Corps, so closely associated with us, and to the Artillery, Heavy and Field, attached to us, we owe a debt of gratitude for their able assistance which it is impossible to over-rate.

*E.G. Sinclair MacLagan*

Major-General.  
Commanding 4th AUSTRALIAN DIVISION.

193

W.D.

Australian Corps.

APPENDIX

Fourth Army No. G.S.S/B.

663

Copy  
to boy

22/8/18

I desire to express officially to all ranks of the Australian Corps my sincere appreciation of their splendid victory over the enemy on August 8th and the succeeding days.

The task that was allotted to them depended largely for its success on the element of surprise. The care that was taken prior to August 8th to camouflage the arrival of the Canadian Corps interfered to some extent with the Australian Corps' dispositions. In spite of this and other difficulties, the assembly of the Corps, the distribution of the tanks, and the disposition of a large force of heavy and field artillery, were accomplished by night without attracting attention.

From zero onwards everything went according to programme and without a hitch. It was no ordinary feat to win all the objectives allotted, to effect a penetration of 10 miles into the hostile position, and to reach the most distant objective half an hour before scheduled time.

The three points which I desire to eulogize are (1) the splendid gallantry and drive of the Infantry, (2) the thoroughness and precision of the Staff work of the Corps, Divisions and Brigades, and (3) the skill and rapidity with which the mobile artillery were brought forward in close support of the infantry for the attack of the more distant objectives.

I offer my heartiest congratulations and warm thanks to all ranks of the Australian Corps, though I feel that whatever words I may use all Australians realize that "Victory is her own reward". It was a splendid performance and as fine a feat of arms as any that even this War can produce.

(Sgd) H. RAWLINSON.

H.Q., Fourth Army,  
16th August 1918.GENERAL.  
Commanding Fourth Army.FOURTH AUSTRALIAN DIVISION.Headquarters,  
21st August 1918.ALL UNITS.

The Divisional Commander wishes the Army Commander's appreciation of the work of the Corps fully promulgated to all ranks of the Division.

*R. D. Ross*  
Lieut-Colonel.  
A.A. & Q.M.G.  
4th AUSTRALIAN DIVISION.

193

664

1.P.P.

18

## APPENDIX



S E C R E T.

\*\*\*\*\*

Copy No. 8

FOURTH AUSTRALIAN DIVISIONAL ORDER NO. 146.Headquarters,  
19th August, 1918.Reference Map; HAREONNIERES 1/40,000.

1. (a) The 13th Aust. Inf. Brigade Group, as at present constituted will move by bus tonight to 'A' Divisional Area and relieve the 132nd Regt. U.S. Infantry and attached units, in Divisional Reserve, in accordance with table overleaf.
2. (b) Details of relief will be arranged by Brigadier and G.O. concerned.
2. Same busses conveying 13th Brigade Group to this Area will transport 132nd Regt. U.S. Infantry to CAMON Area. Battalions of 132nd Regt. may move off to final destination independently after relief.
3. The 13th Field Ambulance will move under arrangements to be made direct by A.D.M.S. 4th Aust. Division.
4. Transport of 13th Brigade Group and 132nd Regt. U.S. Infantry will move this afternoon maintaining a distance of 500 yards between units. Cross country routes will be used as far as possible.
5. nucleus of 132nd Regt. U.S. Infantry will move by route march to CAMON Area, under orders issued direct by Australian Corps.
6. Completion of relief to be reported to this Office.
7. ACKNOWLEDGE. ✓

Issued at 12 noon 19/8/18.

Lieut-Colonel,  
G.S., 4th AUSTRALIAN DIVISION.

DISTRIBUTION. Normal.

- Extra Copies - No. 25 . 4th Canadian Division.  
 26. 32nd Division.  
 27. 132nd Regt. U.S. Infantry.  
 28 } Australian Corps.  
 29 }

193  
RELIEF TABLETo accompany Divisional Order No. 146.

Serial No.	Date.	Unit.	From.	Destination.	Point & Time	Debussing	Remarks.
1.	August 19/20	13th A.I.Bde. Area.	SAILLY-le-SEC Area.	Reserve Bde. Area.	J.32.0M8.4 at 7.30 p.m.	W.11.A.3.1	Relieving 132nd Regt. U.S. Infantry.
2.	do.	13th A.M.G.Coy.	-	HARONNIERES Area.	do.	do.	Relieving 132nd M.G.Coy.
3.	do.	13th Field Coy. Engineers.	-	do	do	do	To be accommodated by C.R.E. 17
4.	do.	132nd Regt. U.S. Infantry.	Reserve Bde. Area.	CAMON AREA	W.15.B.3.9 from CAMON 11 p.m.		Bns. move on relief by Bns. of 13th Bde. Head of bus column facing E. st.
5.	do.	132nd M.G.Coy.	HARONNIERES Area.	CAMON AREA	do	do	Under orders of C.O. 132nd Regt.

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## APPENDIX

18

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SECRETTHIRD AUSTRALIAN DIVISIONAL ENGINEERS

Copy No. 2

HQRS 4<sup>TH</sup> AUS.

DIVN. ENGRS

4. 8. 18.

ENGINEER INSTRUCTION NO.

26

MARKING OF ROADS FOR HORSE TRANSPORT ETC.

DATE

HORSE TRANSPORT ROADS AND TRACKS will be marked by a pair of white equilateral triangles of 12" side placed on each side of the road at about 10 yards centres. Each triangle will be nailed to a post at a height of about 4 feet.

TRACKS FOR INFANTRY will be marked by a single white square of 12" side nailed to a post at a height of about 4 feet.

On the 4 special overland tracks black letters "A" "B" "C" "D" will be painted in the centre of the white square.

*W. Bentlee*Lieut-Col.,  
C.R.E. 3rd. Aust. Div.

DISTRIBUTION

- |       |                                    |
|-------|------------------------------------|
| 1     | "G" 3rd. Aust. DIV.                |
| 2     | C.R.E. 4th. Aust. Div.             |
| 3     | 9th. Field Coy.                    |
| 4     | 10th. do-                          |
| 5     | 11th do-                           |
| 6     | 3rd. Aust. Pioneers                |
| 7     | Major E.E.KING 2nd. Aust. Pioneers |
| 8-10  | War Diary                          |
| 11-14 | Spare                              |



~~SECRET~~

## ENGINEER INSTRUCTION NO. 19

APPENDIX 19

N.P.

DATE

Copy No. 3

4.8.18.

1. The 3rd. Australian Division in co-operation with other units of Australian Corps and III Corps is going to attack and capture the enemy positions opposite our front on a date and at a time to be notified. Objective of 3rd. Aust. Div. is the GREEN LINE shown on attached map.
2. At midnight 6/7th. August the following technical units of the 3rd. Aust. Div. will come under the command of C.R.E. Australian Corps for work on roads in the divisional sector
  - { 3rd. Aust. Pioneer Bn.
  - 9th. Field Coy. A.E..
  - 10th. Field Coy A.E. less 2 sections
  - O.C. Lieut- Col. SANDAY M.C. 3rd. Aust. Pioneer Bn.
3. C.R.E. 3rd. Aust. Division will have the following technical units at his disposal
  - { 11th. Field Coy. A.E..
  - 2 Sections 10th. Field Coy. A.E.
  - O.C. Lieut. R.S. MOORE M.C.
  - {"A" Coy. 2nd. Aust. Pioneer Bn}
  - {"B" Coy do. do. do. do.}
  - O.C. Major E.H. KING 2nd. Aust. Pioneer Bn.
  - 2 Officers ( Lieuts J.E. ARMSTRONG and K. MAYOR ) and 30 O.Rs. 1st. Aust. Tunnelling Coy.

The above units are detailed for work as under.

11th. Field Coy Headquarters P.7.a.0.2.

1 Section (Lt. H.G. VALENTINE) with 9th. Inf. Bde.

1 Section (2/Lt. E.H. RHODES) with 11th. Inf. Bde.

The primary work of these sections is to provide accommodation for Brigade and Battalion Headquarters.

1 Section (2/Lt. E.A. ROBINSON) on water supply work in the captured area.

1 Section (Lt. W.H. THOMAS M.C.) in reserve

2 Sections 10th. Field Coy. Headquarters with 11th. Inf. Bde. Bridges over SOMME CANAL.

On Y/2 night the existing dormant bridges at FAGOT FARM POUILLOY and CIRCULAR QUAY to be swung and left across the canal until further notice. Two men to be left in charge of each bridge.

On Y/2 night a new pontoon bridge to be swung across the canal on the enemy side of old BOUCINCOURT BRIDGE from the stores already there vide Engineer Instruction No. 18 for use on Z day.

Lieut. MOORE will arrange to have one trestle wagon loaded with light trestle footbridge material sufficient for 2 bridges for use on Z day.

After Zero hour Lt. MOORE will receive instructions from the 11th. Inf. Bde as to the construction of bridges East of BOUCINCOURT 2 Cos. 2nd. Aust. Pioneer Bn. Headquarters P.7.a. 0.2.

"A" Coy 2nd. Aust. Pioneer Bn.

To clear the roads marked red green and blue on attached map always keeping ahead of the Corps troops mentioned in para. 2. Platoons to cross our old front line at Zero plus 15 minutes.

"B" Coy 2nd. Aust. Pioneer Bn.

1 Platoon to each of the 4 overland tracks shown in blue on attached map

"A" track to cross the GREEN LINE at about Q.19.d.3.7.

"B" track to cross the GREEN LINE at about Q.14.c.4.4.

"C" track to cross the GREEN LINE at about Q.8.d.2.2.

"D" track to cross the GREEN LINE at about Q.8.b.5.9.

Platoons to cross our old front line at Zero plus 20 minutes.

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~~APPENDIX~~

2 Officers 30 O.R. 1st. Aust. Tunnelling Coy

1 Officer and 15 O.R.s. will work with each of the 9th (Lt. MAYOH) and 11th. (Lt. ARMSTRONG) Inf. Bdes..

Their work will be to first locate and make habitable enemy deep dugouts for Brigade and Battalion Headquarters and then locate and exploit all deep dugouts in the area up to the GREEN LINE

4 The trestle and pontoon wagons of the 9th. and 10th. Field Coys. are at the disposal of C.R.E. 3rd. Australian Division.

One trestle wagon 10th. Field Coy. is detailed for work with Lieut. MOORE 10th. Field Coy.

The 5 remaining wagons will come under the command of Lieut. S.W. MATTERS 11th. Field Coy at midnight 5/6th. August.

The 9th. and 10th. Field Coys. will each detail 2 mounted N.C.O.s. for duty with these 5 wagons.

5 3rd. Aust. Div. R.E. Dump is located in FOUILLOY C.10.b.7.6.

6 Captain O.B.WILLIAMS 11th. Field Coy. is detailed for liaison duty with 11th. Inf. Bde and Lieut. F.M.MASON M.C. 9th. Field Coy with 9th. Inf. Bde.

7 C.R.E's., headquarters will remain at BUSSY

8 ACKNOWLEDGE

*# Back to old*

Lieut. Col.,

C.R.E. 3rd. Aust. Division.

DISTRIBUTION

1	"G" 3rd. Aust. Div. (map)
2	C.E. Aust. Corps.
3	C.R.E. 4th. Aust. Div. (map)
4	9th. Field Coy
5	10th. Field Coy
6	11th. Field Coy (map)
7	3rd. Aust. Pioneer Bn.
8	Major E.E. KING 2nd. Aust. Pioneer Bn (3 maps)
9	Captain O.B.WILLIAMS 11th. Field Coy (map)
10	Lieut F.M.MASON M.C. 9th. Field Coy (map)
11	Lieut R.S.MOORE M.C. 10th. Field Coy (map)
12	Lieut K. MAYOH 1st. Aust. Tunn. Coy. (map)
13	Lieut. J.E.ARMSTRONG do. do. do. (map)
14 -16	9, 10 and 11th. Inf. Bdes.
17 -19	War Diary
20	Spare

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SECRET No 11

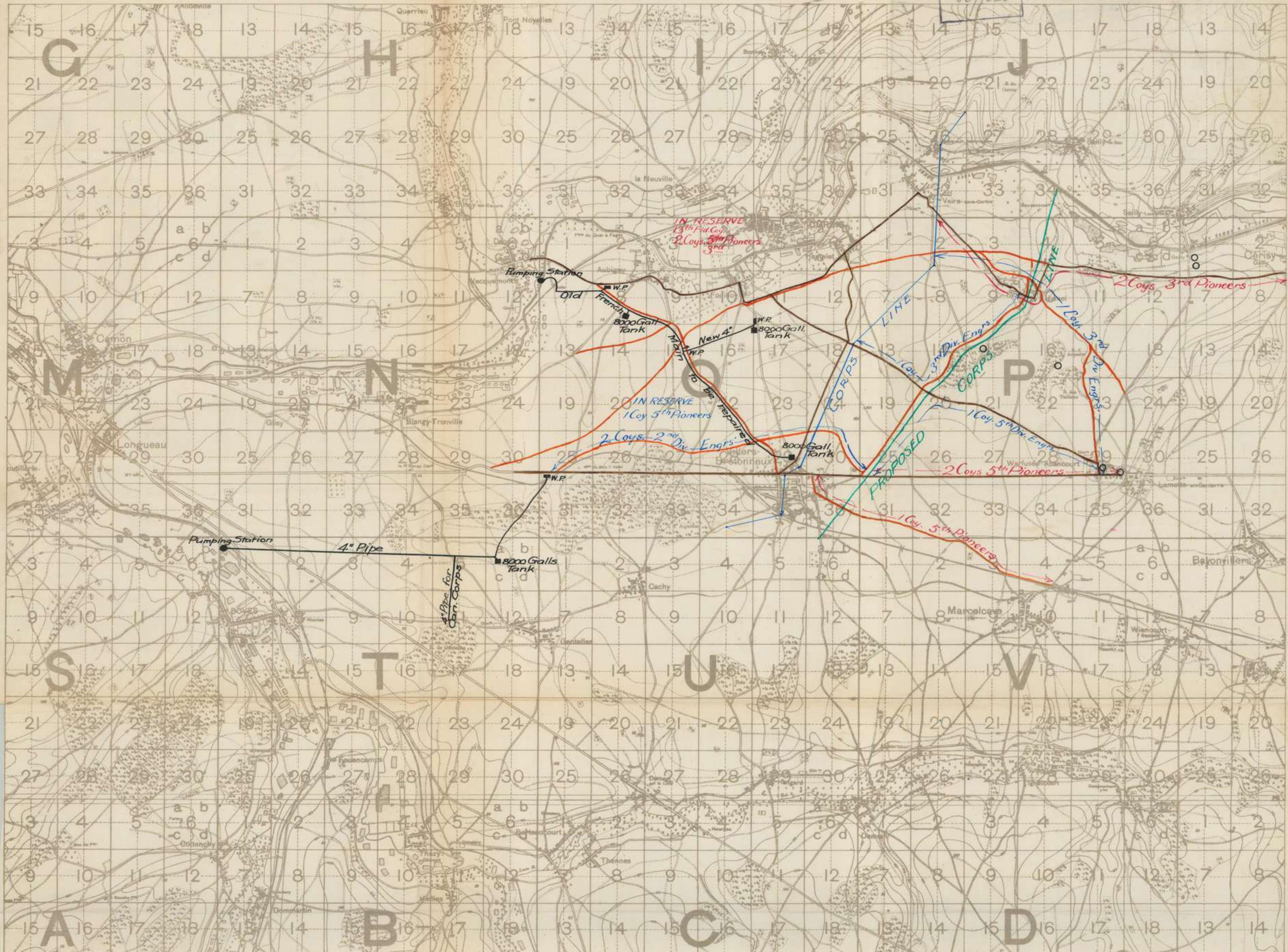
670

1:40,000

## GLISSY

CHIEF ENGINEER,  
AUSTRALIAN CORPS.

Parts of 62° &amp; 66° S. 1/25



S.T. FIELD SURVEY BY R.E. [REDACTED] 31-7-18

Scale: 1:40,000

YARDS 1000 0 1000 2000 3000 4000 5000 6000 7000 8000 YARDS

670

## Reference.—

M.T. Roads shewn thus —

H.T. Roads shewn thus —

Proposed Corps Line will not come into operation until Orders are given.

Water Supply shewn in Black.

Approx Position of wells &amp; Bores. 0

193  
CHG  
A/C Aus P.W.

1:20,000

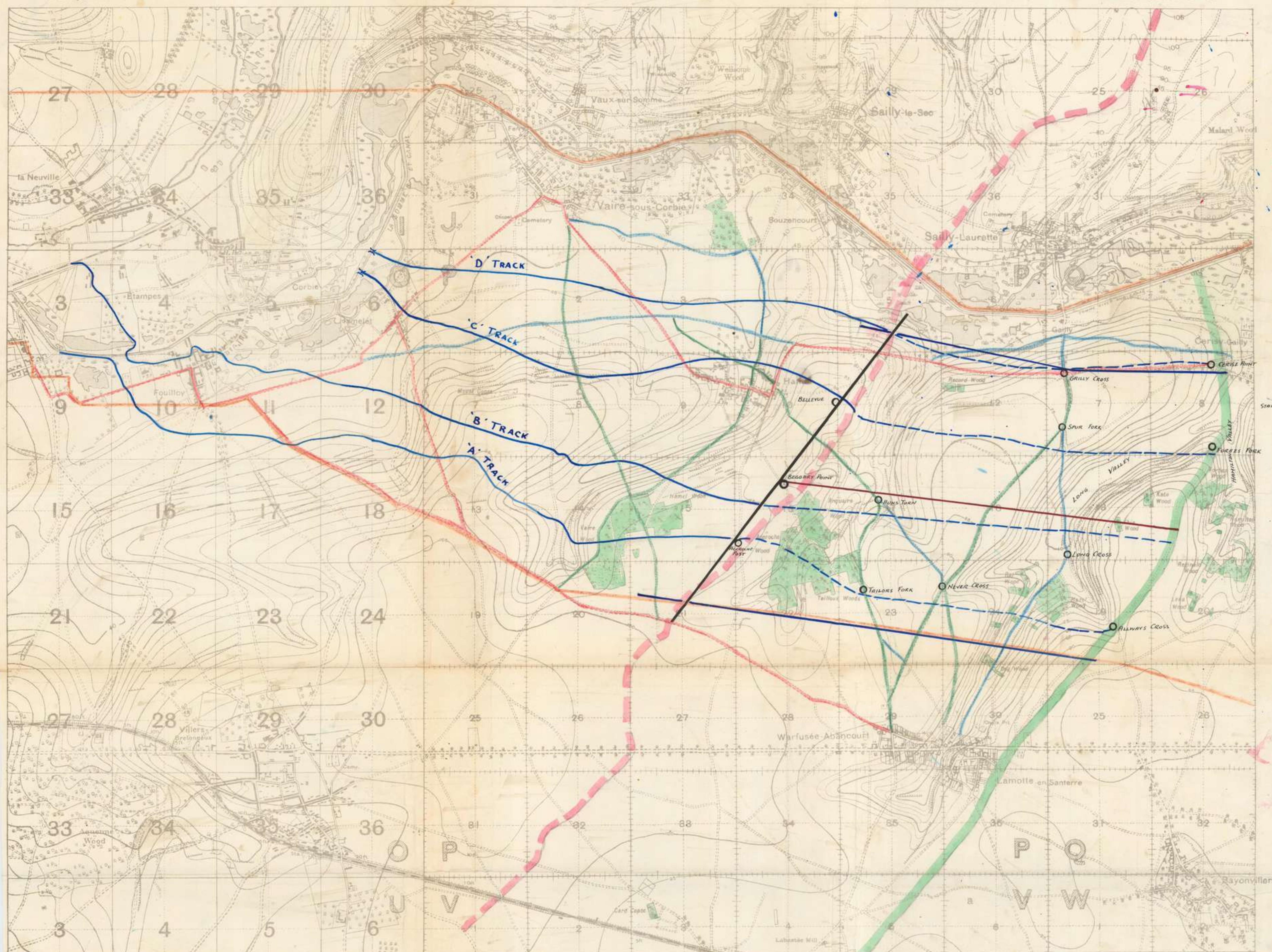
LA NEUVILLE

SECRET

C.R.E. N°3 EDITION I.

Parts of 62°N.W. 62°N.E. 62°S.W. & 62°S.E.

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LEGEND.

- M.T. ROADS -----  
H.T. ROADS METALLED -----  
H.T. ROADS UNMETALLED -----  
OVERLAND TRACKS -----

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