

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

Signals

Item number: 22/2/24

Title: 2nd ANZAC Corps Headquarters
Signals Company

October 1917



AWM4-22/2/24

WAR DIARY

WGC N.T. Dodd 559 Army Form C.

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

~~INTELLIGENCE SUMMARY. II~~ *Angac Signals*

(Erase heading not required.)

6

Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
TEN ELMS CAMP POPERINGHE	30/9/17 1/10/17	Night of	3rd Btm. N.Z.R. Brigade buried 1250 yards of cable to a depth of 7 feet. Casualties 2 killed 9 wounded. 1st Btm N.Z.R. Brigade buried 610 yards of cable. Owing to transport not arriving in time 110 men were unable to work.	
do	1/10/17	10 am	3rd Aust Div Sigs closed down at WINNEZEELE and reopened same hour in the line vice 3rd Div Sigs who reopen at WINNEZEELE	
	"	"	N.Z. Div Sigs opened at Mersey Camp.	
	"	"	57th Div Sigs closed down at Mersey Camp - reopened same hour at STEENBECQUE	
do	1/10/17 2/10/17	Night of	3rd Btm. N.Z.R. B. buried 710 yards of cable. Casualties 2 killed, 8 wounded. 1st Btm. N.Z.R. B. buried 985 yards of cable. No of men employed 411	
do	2/10/17	2 30 am	ES route brought down by Bombs. Working party turned out at daylight.	
	12 30 pm		Thro to Central Exchange LOCKE	

WAR DIARY

Lt Col W.T. Dodd, DSO, R.F. Army Form C. 2118.

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INTELLIGENCE SUMMARY. II *Anglo Signals*

(Erase heading not required.)

Place	Date	Hour	Summary of Events and Information	Remarks as references Appendix
TEN ELMS CAMP	2/10/17	Night	1 st Bn N.Z.R. Bde buried 605 yards of cable. Buried routes completed to MARTHAS HOUSE and MITCHELLS FARM.	
POPERINGHE	3/10/17	of		
-do-	do	Day + Night of	3 rd Bn N.Z.R. Bde buried 1040 yards of cable. First task of burying cable completed.	
-do-	3/10/17	7:30am	Sig 11 th Bde A.I.F. closed down HQ ^{rs} at place Berthen Poperinghe.	
-do-	"	1/20pm	Sig 3 rd N.Z.R.B. open HQ ^{rs} at place Berthen Poperinghe.	
-do-	"	3pm	Line thro to Cable Camp.	
-do-	"	"	HQ th Div Sig opened at WATOU	
-do-	"	3/50pm	2 nd pair of lines extended to N.Z. Div Sig advanced position	
-do-	"	5/30pm	2 nd pair of lines extended to 3 rd Aust Div Sig advanced position.	
do	4/10/17	12/1am	S. Route faulty through shell fire. Working party going out at daylight. Lines made good via other routes, as far as possible meanwhile.	
do	do	9/25am	S. Route repaired.	

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WAR DIARY

Army Form C. 2118.

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INTELLIGENCE SUMMARY.

(Erase heading not required.)

Lt Col W. T. Dodd DSO R.E.

II Angac Signals.

Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
TEN ELMS CAMP POPERINGHE	4/10/17	10am	66 th Div Sigs take over from 3 rd Div Sigs at WINNEZEELE	
do	4/10/17	Night	Second Task. 3 rd Bn N.Z. Brigade buried 830 Yards of cable.	
do	5/10/17	of		
do	6/10/17	10am	66 th Div Sigs closed WINNEZEELE and opened at BRANDHOEK	
do	do	do	3 rd Aust Div Sigs opened at WINNEZEELE, and N.Z. Div Sigs and	
do	do	5/15pm	49 th Div Sigs change positions. Thro on phone direct to 10 th Aust Inf Bde.	
do	do	4/40pm	11 th Aust Inf Bde thro on phone to 66 th Div Sigs	
do	do	1/35pm	V. Route interrupted through Bombs, but able to work through faults.	
do	do	Day	3 rd Bn N.Z. R. Bde Buried 110 yards of cable 4 feet deep. from L to O. and O. to B.H.	

W.T.

WAR DIARY

Lt Col W. T. Dodd DSO, R.F. Army Form C. 2118.

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INTELLIGENCE SUMMARY. II Angac Signals

(Erase heading not required.)

Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
TE NI ELMS CAMP POPERINGHE	7/10/17	1am	all clocks and watches put back one hour.	
do	do	7am	S. Route interrupted through bombs.	
do	do	11 ^{35a}	S. Route OK.	
do	do	3 ^{15p}	1st NZ Bde takes place of 3rd N.Z Bde in Poperinghe. 3rd N.Z Bde move to Red Rose Camp (#16-80)	
do	do	4 ^{0p}	V. Route repaired.	
do	6/10/17	Night	1st Bn N.Z.R. Bde buried 500 yards of cable. 410 men employed. 200 yards were dug and filled in again as no cable available.	
do	7/10/17	day	all tasks allotted to the 1st and 3rd Bns N.Z.R. Bde completed, except 250 yards from KR to BT.	
do	8/10/17	12 ^{1am}	V Route interrupted owing to enemy aircraft dropping bombs. Lines made good as far as possible through other routes.	
do	do	10 ^{20am}	V Route down for 4 days near HV pole. Unable to repair for present owing to heavy shelling.	
do	do	2 ^{30pm}	V. Route repaired.	

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WAR DIARY
or
INTELLIGENCE SUMMARY.
(Erase heading not required.)

14 Col W. T. Dodd 250 Army Form C. 2118.
II Angae Signals

Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
TEN ELMS CAMP POPERINGHE	8/10/17	9 15am	Buried cable route from CS to BF (28 pairs) cut by shell fire. Breakdown party located shell hole at 11am - and route through again at 12.45pm	
do	do		1st + 2nd Btns Wellington Regt (1st N.Z. Inf. Brigade detailed for work of burying cables in 2nd Angae Corps Area (YPRES) Both Btns to concentrate on completion of KR to BT bury. Work to commence on 9th inst. Details attached.	Details attached
do	9/10/17		Left Brigade of Left Div ⁿ established at KOREK (K.R). Communication on buried route OK.	
do	do	6pm	Right Brigade Left Div ⁿ established at OTTO FARM. Not on the buried cable system. Land lines to cable system continually cut by shell fire.	
do	do		V. Route interrupted through enemy shell fire. Lines made good as far as possible through other routes.	
do	9/10/17 10/10/17	Night of	2nd Btn Wellington Regt did no burying owing to Jerry Column conveying parties forward losing their way east of YPRES.	
do	10/10/17	8 5am	1st Btn Wellington Regt buried 250 Yards from BT forward.	
do	do	3 30p	V. Route repaired. Thru to Cavalry Corps on two telephone lines	

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WAR DIARY

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Army Form C. 2118.

Lt Col W.T. Dodd, DSO R.E.

II Angas Signals.

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Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
TEN ELMS CAMP POPERINGHE	10/7	5	Buried cable route from MH to KR (50 pairs) broken by shell fire	
	10/7	7:45pm	Breakdown party locating	
	11/7		2nd Bn Wellington Regt buried 170 yards from KR to B.T.	
		7:40pm	Several wires on V Route faulty. Route apparently broken in several places. Communication made good as far as possible through other routes. Breakdown party detailed to repair at daylight.	
do	11/10/7	9:30am	V Route restored. Lines blown to pieces by shell fire between AV and HV poles.	
do	do	9:35am	V Route starts faulty on several lines. Working parties detailed. Route brought down by enemy shell fire for four bays near Tottenham Corner.	
do	do	10/7	also two bays down on EY Route, and breaks on BY Route.	
do	do	5/7	66th Div closed Branshoek + re-open WINNEZEELE. Light Div closed MURRAY Camp + re-open WATOU. NZ Div closed WATOU + re-open Canal Bank Y + EY Routes. 3rd Div closed WINNEZEELE + re-open RAMDARTS YPRES.	
do	do	10pm	V Route clear. Also BY + EY Routes.	
do	do	11/7	Shell hole MH to KR bury located. Party at work repairing.	
do	do	4:50am	MH to KR bury OK.	
do	do	5/7	MH to KR bury OK.	

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WAR DIARY

OR

INTELLIGENCE SUMMARY.

(Erase heading not required.)

Lt Col W T Dodd Army Form C. 211
I Angac Sig.

Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendix
TEN ELMS CAMP	11/10/17	3	Old bury "O" to "BH" broken by shell fire. Spares on the new bury from all allotments in use.	
POPERINGHE	11/10/17		No cable buried.	
do	12/10/17	3/25am	Faults on S. Route. Lineman instructed to patrol at dawn. Faulty lines made good meanwhile.	
do	do	6/10am	V. Route down. Working party detailed.	
do	do	6/30am	S. Route found blown down by shell fire for 3 days near Edverdinghe Road.	
do	do	8/45am	V Route repaired.	
do	do	11/18am	S Route repaired.	
do	13/10/17	10/30am	BSD Route down where it crosses Vlaamertinghe R. Working party sent out.	
do	do	1/10pm	BSD Route repaired.	
do	do	6/1pm	3 pans on V route down. Repaired by GC Lineman	

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WAR DIARY

or

INTELLIGENCE SUMMARY.

(Erase heading not required.)

14 Col. W. T. Dodd

Army Form C. 2118.

II Argon Signal

Place	Date	Hour	Summary of Events and Information
TEN ELMS CAMP POPERINGHE	13/10/17		150 yards of cable from BT forward to ABRAHAM HEIGHTS (80) pairs.
do	14/10/17	7 30pm	Lost 3rd Aust Div on all lines. Y and V Routes apparently interrupted. details to make up a line via another route
do	do	8 15pm	Thro to 3rd Aust Div on new line.
do	do	do	all lines on Y Route full Earth. Apparently by break. Working Party detailed for morning - and lines made good thro other routes.
do	do	do	No more burying cable to be done by 2nd Argon Corps in this area. Orders rec'd from Canadian Corps to relieve 2nd Argon Corps who will establish Head Quarters at HAZEBROUCK
do	do	4 1pm	BH to ZE bury (70 pairs) cut by shell fire. Shell hole located to be repaired by daylight tomorrow 15th inst. Right Div ran a line overland from BY to ZE and a pair allotted via CS and G P pending repair of above route.
do	do	7 30pm	Faulty lines on V. Route now OK

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W Col W. T. Dodd DSO Army Form C.
RE
I Angac Signals.

Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
TEN ELMS CAMP POPERINGHE	15/10/17	10 30am	Y Route found all down at YPRES. Now being repaired.	
	17	12 20pm	Y Route repaired.	
do	do	2 33pm	Thro to Canadian Corps Signals in POPERINGHE.	
do	do	9 245a	V Route to AUO. 5 pairs faulty. Working party detailed for morning. break near ATLANTIC DUMP.	
do	16/10/17	9 2am	V Route repaired.	
do	do	1pm	BH to ZE Bury OK.	
do	17/10/17	11 20am	Interruptions on BAR route due to working party.	
HAZEBROUCK	18/10/17	10 am	2nd Angac Signal Corps closed down at TEN ELMS CAMP POPERINGHE & reopen at HAZEBROUCK at same hour. Canadian Corps Signals open same hour at TEN ELMS CAMP POPERINGHE	
do	20/10/17	10am	49th Div ⁿ opened WINNEZEELE	
do	do	10 30am	66th Div ⁿ " RENESCIURE	

W.T.

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WAR DIARY
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INTELLIGENCE SUMMARY.

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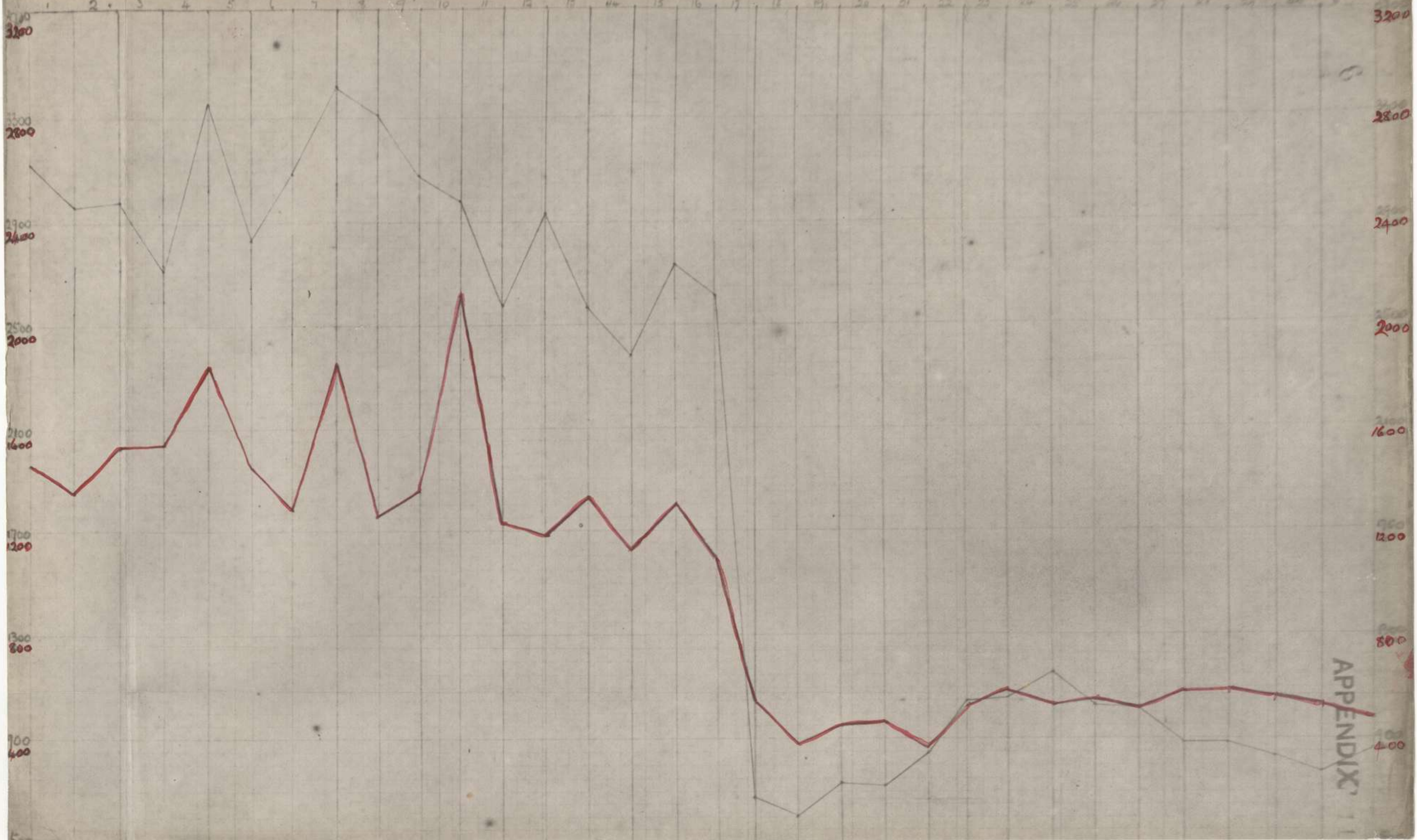
Lt Col W.T. Dodd DSO R.E.
Army Form C. 2118.
II Angac Signals

Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
HAZEBROUCK	21/10/17	10 75am	Advanced 2nd Angac Corps Sig office (BUR) opened at LUMBRES to serve NZ and 3rd Aust Div coming to that area.	
do	do	3 25pm	BUR thro to 10th Bde A.I.F.	
do	22/10/17	10 8am	BUR thro to 3rd Aust Div Sig at FAUSHEMBERGIES	
do	do	10 20a	BUR thro to N.Z. Div Sig at NIELLES LES BLEQUIN	
do	23/10/17	1 30pm	Thro on direct line to LUMBRES (BUR)	
do	28/10/17	5pm	office at LUMBRES transferred to new billet. OK on all lines.	

Message totals in line

October 1917

SP totals in red.



APPENDIX

SECRET.

BURIED CABLE SCHEME, II ANZAC CORPS.

1. The attached plan shows the buried Cable System to be carried out by II ANZAC Corps.
 2. The work will be carried out by two Battalions M.Z.R.B. (1st. and 3rd.) These battalions are being quartered in WATOU Area.
 3. In addition the II ANZAC Cyclist Battalion will be attached, under the command of Major C.H.D.Evans D.S.O. and will be employed in lieu of R.E. Personnel for supervising and laying out the cable, assisting the jointers and strengthening Test Points.
 4. All cables will be buried 7 feet deep. The Trench will be passed as of sufficient depth by supervising Signal Officer, or an Officer of the Cyclist Battalion before the cables are laid.
The trench will be filled in immediately after cables are laid, and passed by a Signal Officer or an Officer of the Cyclists Battalion, before the working party leaves.
 5. Joints will be left open and completed in daylight by a special jointing party. The joints will not be covered in for at least 12 hours, and after a final test has been made.
 6. When laying cables, the end of each cable should be labelled to facilitate defective cables found by test, to be recognised.
 7. Cables will be led on to plug and socket boards, or terminal boards at the test dug-outs shown. There will be no intermediate test points.
 8. Routes will be marked by trench markers, and all joint positions will be separately marked.
 9. The following table shows the cables to be laid in each section of trench:-
- | | | | | |
|------------------|----|----------------------------|----|-----------------------------|
| Bank Farm to GP | 5 | 7 pair brass or equivalent | -- | Total 35 pairs plus 1 twin. |
| GP to Cable Head | (7 | 7 " " " " | -- | Total 51 pairs plus 1 twin. |
| | (1 | Quad | | |
| GP to ZE | 6 | 7 pair | -- | Total 42 pairs plus 1 twin. |
| CS to BH | 6 | 7 " " " " | -- | Total 42 pairs plus 1 twin. |
| SH to E | 5 | 7 " " " " | -- | Total 35 pairs plus 1 twin. |
| BH to ZE | 10 | 7 " " " " | -- | Total 70 pairs plus 1 twin. |
| ZE to Cable Head | 10 | 7 " " " " | -- | Total 70 pairs plus 1 twin. |
| D to ID | 5 | 7 " " " " | -- | Total 35 pairs plus 1 twin. |
- One twin pilot for Lineman's Test Line, and is not counted in number of pairs shown on plan.
10. Work will commence on 27th. inst. Work to be done by day or night at discretion of battalion commanders.

(2)

11. Tasks are divided between battalions as follows:-

1st. Battalion N.Z.R.B. - Bank Farm to GP
 GP to Cable Head (D.14.d)
 CS to BH (approx)
 GP to ZE

3rd. Battalion N.Z.R.B. - BH to ZE
 ZE to Cable Head (D.21.a)
 SH to E (approx)
 D to ID (1st. Anzac Corps Area.)

12. The following is the order in which routes will be completed:-

Bank Farm	to	GP
BH	to	ZE
CS	to	BH
GP	to	ZE
GP	to	Cable Head
ZE	to	Cable Head
D	to	ID
SH	to	E

13. The routes and test points are approximate, not having been finally surveyed.

14. Major C.H.D. Evans D.S.O., O.C. II ANZAC Cyclist Battalion will be in charge of the above work, and will receive instructions direct from A.D. Signals.

W. T. H. Hall

Lieut.-Colonel R.E.
 A.D. Signals.
 II A. & N.Z.A.C.

BUO/1069

24th. September 1917.

Distribution:-

"G" II ANZAC.	1
G.O.C., R.A. II ANZAC.	1
G.O.C. 3rd. N.Z. (Rifle) Bde.	1
O.C. II ANZAC Cyclist Bn.	2
O.C. 1st. Bn. N.Z. Rifle Bde.	2
O.C. 3rd. Bn. N.Z. Rifle Bde.	2
O.C. N.Z. Divn. Signals.	1
O.C. 3rd. Aus. Divn. Signals.	1
O.C. 49th. Divn. Signals.	1
O.C. 66th. Divn. Signals.	1
D.D. Signals Second Army.	1
O.C. "Y" Corps Signal Coy. R.E.	1
Area Signal Officer (Lt. Mutch)	1
Lieut. D.A. Saunder	2
2/Lieut. J.W. Starbuck	1
O.C. Signals II ANZAC H.A.	1

SECRET

Reference by letter No. BUO/1069 of
24th. inst.

On the BH - ZE Bury 14 pairs have been
looped into Borry Farm.

Bury of 35 pairs DV to JT will be sub-
stituted for the one shown as from DV to ID.

The Right Division will have a Brigade
at Square Farm (C.30.b.8.8.). Arrangements have
been made for them to bury 10 pairs to link up
with the main system.



W.T. Booth

Lieut.-Colonel R.E.
A.D. Signals.
II A. & N.Z.A.C.

Distribution:-

"G" II ANZAC	1
G.O.C., R.A. II ANZAC	1
O.C. N.Z. D'vn. Sigs.	1
O.C. 3rd. Aus. Div. Sigs.	1
O.C. 49th. Div. Signals	1
O.C. 66th. Div. Signals	1
D.D. Signals 2/Army.	1
O.C. Company	1
Lieut. Hutch.	1
Lieut. D.A. Saunder	1
2/Lieut. J.M. Starbuck	1
O.C. Sigs. II ANZAC H.A.	1.

SECRET.

Officer i/c Signals,

3rd. Austn. Division	2
New Zealand Division	2
49th. Division	1
66th. Division	1
II ANZAC Heavy Arty.	1
O.C. Lines "GC"	2

"ALLOTMENT OF BURIED LINES"

Attached is a list of the buried lines already allotted to your unit. They are those which were used by the outgoing unit, any additional lines required should be applied for to the Officer i/c Lines GOLDFISH CHATEAU (Call GC) and any of the lines not required, should at once be handed over as spares to the Officer i/c Lines.

All lines on the new buries (see my BUO/1069 of 24th. inst.) will be allotted by Officer i/c Lines "G.C."

BUO/1069/14

30th. September 1917.

Woodall

Lieut.-Colonel R.E.
A.D. Signals.
II A. & N.Z.A.C.

RIGHT DIVISION - ALLOTMENT OF LINES ON CORPS BURIES.

S-SC	NIL.
SC-CB	N11.
CB-SH	N11.
SH-E	N11.
E-P	N11.
P-CS	N11.
CS-BF	N11.
E-F	N11.
SC-I	N11.
I-A	N11 8 (Div.Lateral property of Corps.)
A-H	4,5,8 (Div.Lat.owned Corps) 9,11,12,13,14,16,26 28, 49, 52.
H-L	1-13 inch 15,18,22,23,25.
L-F	1-13 inch 15,18,22,23,26.
F-O	4,5,6,11,13,17,22,inch 24,25.
O-BH	5,6,7,11,12,15,17,18,19,24.
BH-D	14,19, 22,23.
A-Y	28,40,49,50,53,55,57,61,69,71.

LEFT DIVISION - ALLOTMENT OF LINES ON CORPS BURIES.

S-SC	8.
SC-LG	13,18,23.
LG-CB	16,22,23.
CB-SH	4.6.7.10.12.15.16.17.22.27.28.
SH-E	
E-P	21,23,24.
P-CS	9,11,14,19,21.
CS-BF	15-19,21.
EF	12.
SC-I	Nil.
I-A	8 (Div.Lat. property of Corps) 12,25 (Div.Lat. property of Corps.)
A-H	18.
H-L	19,21.
L-F	19,21,26,27
F-O	12,15 (for A.F.A.)
O-BH	23
BH-D	N11
A-Y	66.
CB-I	9.12.14.25.

CORPS H.A. - ALLOTMENT OF LINES ON CORPS BURIES.

S-SC	2.4.5.9.11.12.14.15.17-21.23-25.
SC-LG	1.2.5.6.15-18.25-27.
LG-CB	1.3.5.18.19.24.26.32.38.
CB-SH	
I-SH	1-16 airline and 9-13.
E-P	1.3.5.7.8.10.12.13.14.29.30.31.33.
P-CS	1.3.4.10.12.13.24.29.30.
CS-BF	1.2.3.5.6.
E-F	1.3.6.7.9.11.13.15.
SC-I	2.7-11.13.14.17-20.22.23
I-A	1-3 5-7 9-11.14.19-21.23.26.32-34.
AH	1.2.6.7.17.19-25.27.30-38.41.43.45-48.50.
H-L	16.20.29-35. 37-40. 42-48.
L-F	16.20.29-35. 37-40. 42-48
F-O	1.9.10.14.16.23.27-32.
O-BH	1.3.4.9.10.16.20.
BH-D	1. 3-6.9.10.
A-Y	12.4-9.14.15.18(from A-GA) 22-27.29-31.33-37.39. 41.43.44-48.59.62.68
Also Z-LA 1-7 & 10-14.	

SECRET.

II ANZAC CORPS BURIED CABLE SYSTEM.ALLOTMENT OF CIRCUITS ON BURIED ROUTES.

The following allotment of circuits on the new routes on Corps Buried System is made.

A straight line diagram is attached to "Instructions for Maintenance" (BUO/1069/20 of 1st. inst) showing these routes and the location of the points between which they run.

BF - GP (35 pairs)	Left Division	15 pairs Nos. 1-15.
	Right Division	5 pairs Nos. 16-20
	Reserved for Corps	5 pairs Nos. 21-25
	C.H.A.	10 pairs Nos. 26-35

GP - Cable Head (50 pairs)	Left Division	15 pairs Nos. 1-15
	Right Division	5 pairs Nos. 16-20
	Reserved for Corps	20 pairs Nos. 21-39
	C.H.A.	10 pairs Nos. 40-50

BH - ZE (70 pairs)	Right Division -	
	BH - BY (Borry Farm)	14 pairs Nos. 1-14
	BY - ZE	14 pairs Nos. 1-14
	BH - ZE	6 pairs Nos. 15-20
	Left Division -	
	BH - ZE	10 pairs Nos. 21-30
	Reserved for Corps)	
	including Corps on)	
	Right.	10 pairs Nos. 31-40
	C.H.A.	30 pairs Nos. 41-70

ZE - Cable Head (70 pairs)	Right Division -	
	ZE - Cable Head	20 pairs Nos. 1-20
	Left Division -	
	ZE - Cable Head	10 pairs Nos. 21-30
	Reserved for Corps)	
	including)	
	Corps on Right	10 pairs Nos. 31-40
	C.H.A.	30 pairs Nos. 41-70

CS - BH (42 pairs)	Left Division	15 pairs Nos. 1-15
	Right Division	10 pairs Nos. 16-25
	Reserved for Corps	5 pairs Nos. 26-30
	C.H.A.	12 pairs Nos. 31-42

GP - ZE (42 pairs)	Left Division	15 pairs Nos. 1-15
	Right Division	10 pairs Nos. 16-25
	Reserved for Corps	5 pairs Nos. 26-30
	C.H.A.	12 pairs Nos. 31-42

DV - JT (35 pairs)	Right Division	15 pairs Nos. 1-15
	Reserved for Corps)	
	including Corps on)	
	Right	10 pairs Nos. 16-25
C.H.A.	10 pairs Nos. 26-35	

(2)

SH to E (35 pairs)	Left Division	12 pairs Nos. 1-12
	Right Division	3 pairs Nos. 13-15
	Reserved for Corps	8 pairs Nos. 16-23
	C.H.A.	12 pairs Nos. 24-35
I to SH (50 pairs)	Left Division	12 pairs Nos. 1-12
	Right Division	3 pairs Nos. 13-15
	Reserved for Corps	23 pairs Nos. 16-38
	Corps H.A.	12 pairs Nos. 39-50

The allotment of pairs on ZF to VR^{route} (20 pairs) and the VR to LR^{route} (20 pairs) will be made later.

W. T. Wood

BUO/1069/21

1st. October 1917.

Lieut.-Colonel R.E.
A.D. Signals.
II A. & N.Z.A.C.

Distribution:-

Officer i/c Signals,	
3rd. Austn. Division	(2)
New Zealand Division	(2)
49th. Division	(2)
66th. Division	(2)
II ANZAC H.A.	(6)
II ANZAC "G"	(1)
R.A. II ANZAC?	(1)
Officer i/c Buried Lines	(2)
D.D. Signals Second Army	(1)
Army Area Signal Officer	(2)
No. 1 Sub-area Officer	(2)
No. 2 -do-	(2)
No. 3 -do-	(2)
No. 4 -do-	(2)
O.C. Lines	(1)
Lieut. Starbuck	(2)
File	(1)

II ANZAC CORPS SPARK WIRELESS SCHEME.

- (1) Advanced Corps Directing Station will be situated at MILL COTT (I.5.a.1.7) (Call DC)
- (2) Rear Corps Directing Station will be situated at Left Divn. Advanced Headquarters (I.2.c.3.7.) (Call YU)
- (3) These Stations will be Wilson Sets with Mark III Tuners.
- (4) O.C. Signals 3rd. Austn. Division will reserve accommodation at MILL COTT and take steps to notify Brigade and Battalion Signallers of the position of the set.
- (5) O.C. Signals N.Z. Division will arrange that accommodation is provided at his Advanced Divisional Station (I.2.c.3.7.)
- (6) There will also be a subsidiary Corps Station at Goldfish Chateau (Call NF.)
- (7) Arrangements will be made to open a station at Corps Headquarters (Call DD) if found necessary.

DIVISIONAL SCHEME - LEFT DIVISION.

- (1) The Corps Rear Directing Station will act as Rear Divisional Station (Call YU).
- (2) There will be a Wireless Station at WIELTJE (Call DZ) which will be connected by telephone to Advanced Divisional Headquarters.
- (3) There will be a Wireless Station at BANK FARM (C.24.b.3.5.) Reserve Brigade Headquarters (Call NV.)
- (4) There will be a Wireless Station at GALLIPOLI (D.13.d.4.1) (Call YI)
- (5) The Station at BANK FARM will be ready to move forward at short notice, to a position to be selected near BOETHOEK (D.15.b.1.4.)

DIVISIONAL SCHEME - RIGHT DIVISION

- (1) The Advanced Corps Directing Station at MILL COTT will act as the Right Divisional Rear Station (Call DC) and will be connected by telephone to Advanced Divisional Headquarters.
- (2) There will be a Station at BORRY FARM (D.25.b.5.8) Left Brigade (Call DM.)
- (3) There will be a Station at D.26.a.5.5. Right Brigade (Call NN).
- (4) There will be a station at D.26.c.2.3. Reserve Brigade (Call NC.)

AMPLIFIER AND P.B. SCHEME
LEFT DIVISION.

Stations will be placed at:-

- | | |
|--|-------|
| (1) BANK FARM (C.24.b.3.5.) Reserve Bde. | Call. |
| (2) GALLIPOLI (D.13.d.4.1.) | CIN |
| (3) Three Mobile Stations to move. | OKB |
| (a) Approximate Left Bde. Forward Stn
BOETLEER (D.8.d.2.9.) | MEP |
| (b) " Right Brigade Forward Stn.
BOETHOEK (D.15.b.1.4.) | MFH |
| (c) " Centre Btn. Hqrs. | MAW |

(2)

RIGHT DIVISION.

Stations will be placed at -

- | | | |
|-----|---|-----|
| (1) | Left Brigade BERRY FARM (D.25.b.5.8) | CAW |
| (2) | Right Bde. D.26.a.5.5. | CAY |
| (3) | Cable Head (D.20.d.7.9.) | MDI |
| (4) | Two Mobile Stations to move to - | |
| | (a) Approx. Left Bde. Forward Station | |
| | (SPRINGFIELD) D.16.c.1.1 | CKH |
| | (b) Approx. Right Bde. Forward Stn. D.22.a.7.2. | CLS |

CHARGING OF ACCUMULATORS.

- (1) The Main Corps Charging Station is situated at old Bn. Headquarters in Potijze Wood I.4.a.5.5.
- (2) Arrangements have also been made for charging at the following places :-
- WIELTJE
MILL COTT.
RAILWAY WOOD.
YPRES (Right Div. Adv. HQrs.)
CORPS HEADQUARTERS.
- (3) As far as possible, charging will be done at the nearest charging Station. In the event of too many accumulators being brought to one station, the excess will have to be carried on to the next station.
- (4) Sappers i/c of charging accumulators have been detailed from Corps for WIELTJE, MILL COTT. and RAILWAY WOOD.
- (5) O.C. Divnl. Signal Coys. will arrange that two fully charged 4-volt accumulators are always with each Amplifier and that every P.B. has two fully charged 10-volt accumulators. In order to ensure this permanent carrying parties will be detailed.
- (6) There is a certain small reserve of accumulators at WIELTJE POTIZJE, and RAILWAY WOOD. These are to be drawn on only in case of very urgent necessity.
- (7) The greatest care must be taken of accumulators. There is a serious shortage.

STORES.

- (1) The following stores can be drawn from POTIZJE WOOD in case of real emergency

Accumulators	Amplifiers
H.T Batteries Large & Small	Power Buzzers
Aerials	Earth Pins loose and made up with cable.
A small amount of D.5 Cable	Spare parts for PB and Wireless Sets.
Telephone Satchels	Spare telephones
Spare Valves	Battery Leads
Spare Transport cases	15-foot masts for Wireless sets.
Spare acid	
6-line commutators	
Wooden insulators.	

(3)

(2) Wireless POTIJZE is on the telephone through Heavies and FX.(3) The following constitutes the mobile stores of a "Mobile Amp. P.B. Station"
Table "A" --

- 1 Amplifier.
- 1 Pair Telephones.
- 1 Box Valves
- 1 4 volt accumulator
- 1 Portable H.T. Battery
- 8 Rubber Insulators
- 8 Earths Pins (fastened together as shown in next two items)
- 2 Mark II Drums filled with D5 cable and 4 earth pins attached.
- 1 Short length D5 cable with 4 earth 4 earth pins attached
- 1 10-volt accumulator
- 1 Change-over switch or new pattern commutator.
- 3 yards battery connection.
- Stationery
- Insulating tape.

Table "B" -- (Mobile Power Buzzer Stores only.)

- 1 Power Buzzer with battery leads attached.
- 1 10-volt accumulator
- 1 Mark II drum filled with D5 cable with 4 earth pins attached.
- 1 short length D.5 cable with 4 earth pins attached.
- Stationery.
- Insulating Tape.
- Binding wire.

Table "C" -- (Amplifier and P.B. Extra Stores.)

- 1 Semi portable H.T. Battery
- 2 4-volt accumulators
- 2 10-volt accumulators
- 1 pair telephones
- 300 yards Cable D.5
- 10 Loose earth pins.

(4) Stores mentioned in Table C must be sent up to stations within 12 hours of its being established.

(5) Stores required for immediate use in the line will be issued on application from Corps HQrs. Stores will only be drawn from POTIJZE in an emergency.

GENERAL.

Carrying Parties to Brigade Forward Station.

(1) O.C. Div. Sigs will ensure that all amplifier carrying parties are sufficiently large. Each party should consist of three operators and two additional carriers.

Recent failures in power buzzer communication are directly traceable to the men carrying the Amplifiers Stores being hopelessly overloaded.

(4)

Assembling of Stores for a Mobile Station.

Neglect of detail in the assembly of stores has also led to failures.

All the articles mentioned in Table A are necessary. They have all been issued to Divisions.

If they are found to be missing they can be obtained from Corps HQrs. or in case of emergency from POTIZJE WOOD

(2) Wireless, amplifier, and power buzzer stations attached to any headquarters come directly under the charge of the Signal Officer of the unit. Any such station is to be regarded as part of his system of communication.

(2) Jamming. The chief jamming of Power Buzzer signals is caused by D.III buzzers, telephone "rings", and telephonists speech.

Sounders worked in the neighbourhood of amplifiers make the power buzzer signals more difficult to read but do not jam them to the same extent. Fullerphones do not jam power buzzer signals at all if used properly. The fullerphone "call key" jams signals exactly like a D.III buzzer.

In order to minimise jamming, the following rules will be observed:-

- (a) Stations when calling up will give the call of the Station required, followed by their own call. They will call in this manner once only and will wait a reasonable time before calling again.
- (b) Persistent calling is absolutely forbidden.
- (c) Earth return circuits are forbidden. These rules apply equally to the Artillery as well as to other units.

(3) Communication by power buzzer in an attack must always be limited to important tactical messages which will be in code and as brief as possible. Lateral communication between brigades of different divisions should only be resorted to in cases of absolute necessity. It must be remembered that each Amplifier must always be ready to receive from its front or rear Power Buzzer, and lateral communication interferes with this.

(4) Officers in charge of signal stations will make it a point to see that the procedure laid down for power buzzers is strictly adhered to. It is absolutely necessary that the procedure should be uniform throughout the Corps Front.

BUO/1081/5

1st. October 1917.

W. D. Dodd
Lieut.-Colonel R.E.
A.D. Signals.
II A. & N.Z.A.C.

Distribution:-

Officer i/c Signals,	
3rd. Austn. Division	(2)
New Zealand Division	(2)
49th. Division	(2)
66th. Division	(2)
II ANZAC "G"	(1)
II ANZAC R.A.	(1)
D.D. Signals Second Army	(1)
A.D. Signals 1st. Anzac Corps	(1)
O.C. Wireless	(2)
O.C. "Y" Corps Signal Coy.	(1)
File.	(1)
A.D. Signals XVIII Corps.	(1)

SECRET.

II ANZAC CORPS BURIED CABLE SYSTEM.

Instructions for Maintenance.

1. Corps Signals will assume responsibility for the maintenance of all buried routes shown on the attached diagram.
2. For the purposes of maintenance these routes will be divided into sub-areas as shewn in colours on the diagram. In each sub-area there will be a Breakdown party, under an officer (who will be known as the sub-area officer). This party will be responsible for the maintenance of the routes and manning of the test points allotted to the sub-area.
3. Breakdown parties are allotted to sub-areas as follows:-

(Red) Army Area Officer	Lieut. Mutch.
(Green) No.1 Sub-area Officer	Lieut. Betts.
No.2 (Blue) Sub-area Officer	Lieut. DeSaylis
No.3 (Black) Sub-area Officer	Lieut. Hearne.
No.4 (Yellow) Sub-area Officer	Lieut. Hart.
4. ² Certain linemen will be provided by 36th. Area Signal Detachment to assist in the manning of test points. At Test Points which will be used mainly by Artillery, artillery linemen will also be stationed.
5. Sub-area signal officers will work under the instructions of Officer i/c Buried Lines, who will be located at GOLD-FISH CHATEAU. Lieut. D.A.Saunders will perform the duties of Officer i/c Buried Lines assisted by Lieut. Mutch. Lieut J.W.Starbuck will act as Liaison Officer between O. i/c Buried Lines and sub-area signal officers.
6. The following arrangements have been made as regards allotment of circuits on NEW Buries, (Ref. BUO/1069 of 24th. September 1917.) The allotment on existing buries has already been issued direct to Divisions and Heavy Artillery (Ref. BUO/1069/14 of 30th. September 1917.)
Officer i/c Buried Lines will allot all circuits on buried routes. These allotments will be notified, together with the actual numbers of the pairs to be used, to units and to sub-area signal officer, who will issue the necessary instructions to the linemen concerned.
Units allotted circuits on the buried routes will bring their local circuits (correctly labelled) to the test point directed by O. i/c Buried Lines or the Sub-area officer, and will hand the ends to the lineman on duty.
7. Units will not be permitted to use any circuit other than those allotted to them, unless by the sanction of Officer i/c Buried Lines which will only be given as provided for below.
Units wishing to have crosses over made on the circuits allotted to them, will apply to the sub-area officer, or in his absence to the at the test point concerned. Such crosses over will be made by the Resident lineman, and by no other person. Sub-area officers are responsible that they are kept informed of any changes made in their sub-areas.

(2)

The Area and Sub-area officers will keep a record book containing the allotment and use of all lines in their sub-areas, and be responsible that the linemen at manned test points know the allotment of all circuits emanating from their own test points.

9. One lineman will always remain on duty in every manned test point.
10. At least one pair is reserved in each route for use as linemen's circuit. A linemen's exchange will be established at each manned test-point. The linemen's exchange will be entirely separate from any other exchange or switching board established at the test point.
11. In the event of units applying direct to sub-area Signal officers for circuits, such request will be passed to Officer i/c Buried Lines at GC.
12. Although routes have been allotted for their entire length to one or other sub-area for maintenance, if a fault occurs linemen will at once go towards the fault from the test point at either end, irrespective of whose maintenance the route lies in.
13. Units will be responsible for the maintenance of their external connection to the test points.
14. In the event of a breakdown occurring which is beyond the power of the sub-area breakdown party to deal with quickly the sub-area officer concerned will notify Officer i/c Buried Lines who will ask A.D. Signals for assistance from Divisional Signal Companies.

W. T. Dodd

BUO/1069/20

1st. October 1917.

Lieut.-Colonel R.E.
A.D. Signals.
II A. & N.Z.A.C.

Distribution:-

Officer i/c Signals,	
3rd. Austr. Division	(2)
New Zealand Division	(2)
49th. Division	(2)
66th. Division	(2)
II ANZAC H.A.	(6)
II ANZAC "G".	(1)
R.A. II ANZAC.	(1)
Officer i/c Buried Lines	(1)
D.D. Signals Second Army	(1)
Army Area Signal Officer	(1)
No. 1 Sub-area Officer	(1)
No. 2	(1)
No. 3	(1)
No. 4	(1)
O.C. Lines.	(1)
Lieut. Starbuck.	(1)
File	(1)

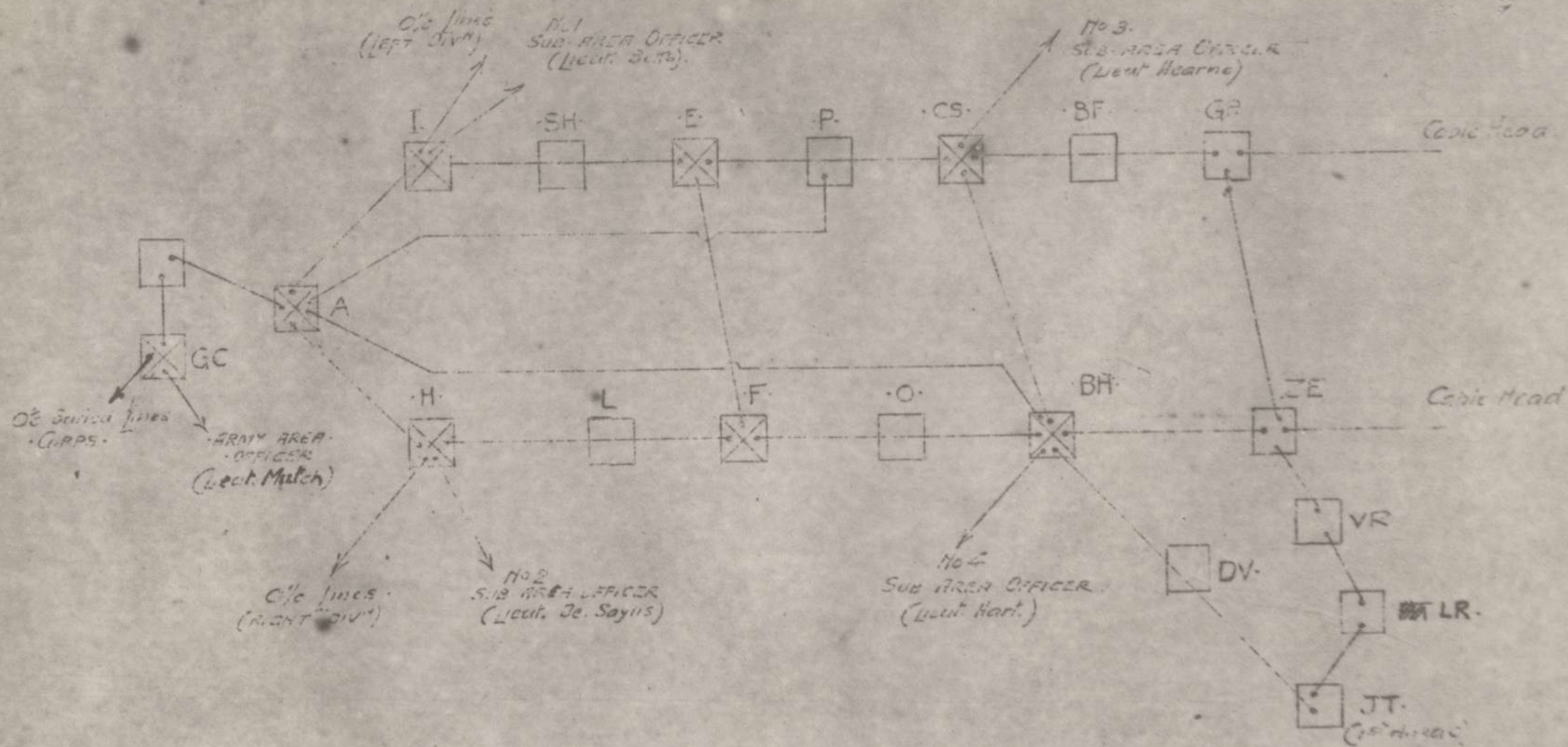


DIAGRAM OF
 TREMANS COMMUNICATIONS.
 2ND ANZAC CORPS
 DRAWING NO. 111.


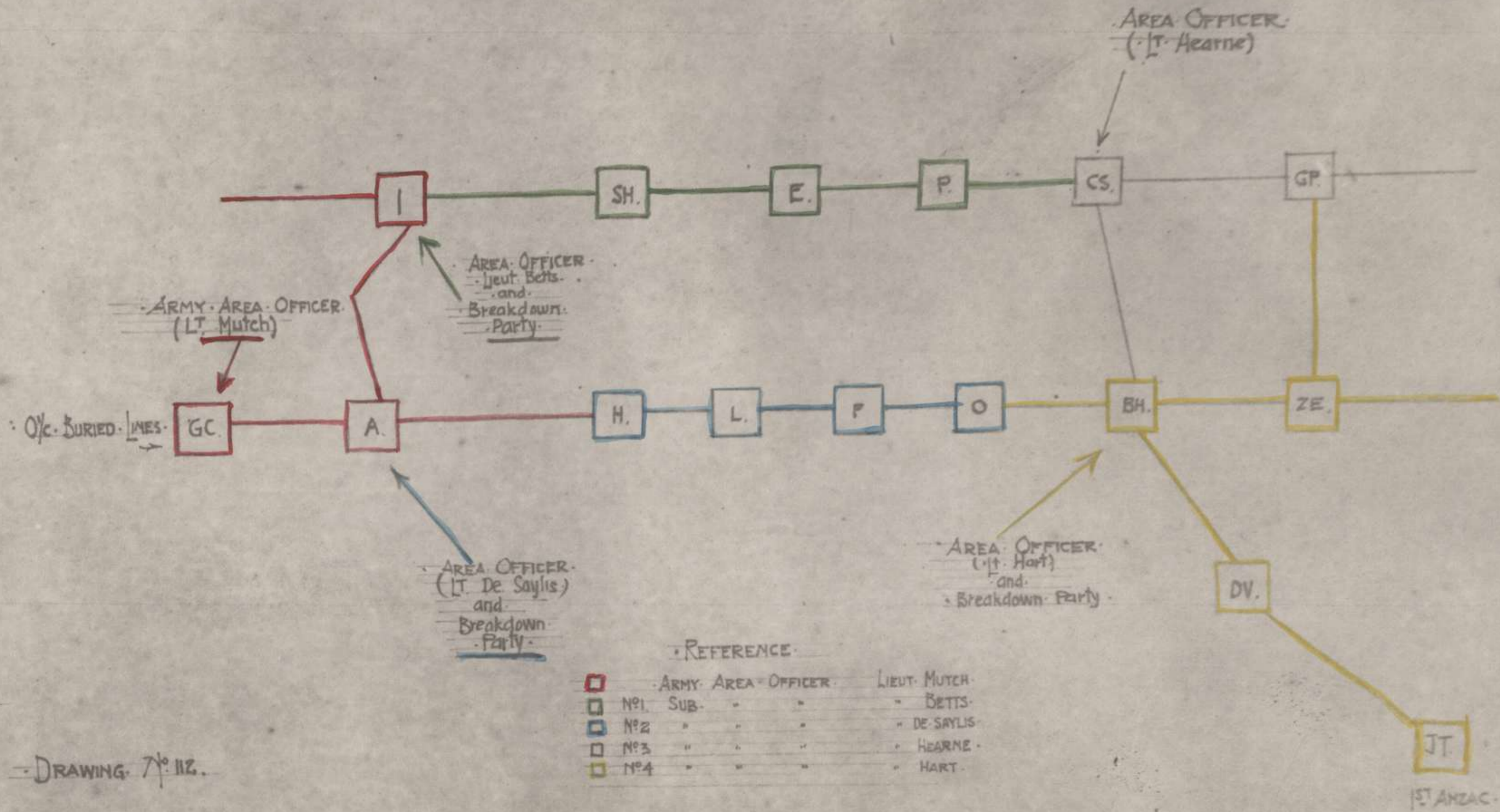
EXCHANGES SHOWN 

DIAGRAM OF
MAINTENANCE OF BURIED LINES
2ND ANZAC CORPS



DRAWING No 112.

SECRET.

II ANZAC CORPS,

INSTRUCTIONS FOR AEROPLANE CONTACT WITH INFANTRY, USING WIRELESS.

- (1) There will be one station at BANK FARM, Reserve Bde. Left Division.
- (2) There will be one station at D.26.c.2.3. Reserve Bde. Right Division.
- (3) O.C. Divisional Signal Company will arrange for accommodation and for a carrying party of 4 men to carry the stores up to the station.
- (4) Brigade Signal Officer concerned will see that the operators know when to report any aeroplane signals they may receive.
- (5) Brigade Signal Officers will also make themselves conversant with the following:-

The distinctive calls used by aeroplanes of each Corps are:-

I ANZAC	ZP
II ANZAC	FP
X CORPS	JP
IX CORPS	BP

In addition to code messages laid down on page 71 of S.S.135, the following code will be used :-

ENEMY COLLECTING AT ...	Succession of "Q's"
ENEMY ADVANCING FROM ...	Succession of "R's"
MORE THAN A BATTALION ...	LN
LESS THAN A BATTALION ...	SN

Message will be preceded by Squadron Call (FP) - Thus:-
"Enemy collecting at B.6.a. more than a Battalion" would read :-

FFFPQQQB6aLN

W.T. R. E.

BUO/1081/6

2nd. October 1917.

Lieut.-Colonel R.E.
A.D.Signals.
II A.& N.Z.A.C.

Distribution:-

- Officer i/c Signals,
- 3rd. Austn. Division (2)
- New Zealand Division (2)
- 49th. Division (2)
- 66th. Division (2)
- II ANZAC "G" (1)
- II ANZAC R.A. (1)
- D.D.Signals, Second Army (1)
- O.C.Wireless (2)
- O.C. "Y" Corps Signals (1)
- File (1)
- A.D.Signals XVIII Corps (1)

SECRET

II ANZAC CORPS.

HEAVY ARTILLERY COMMUNICATIONS.

As the Heavy Batteries move forward, each Group will establish a Forward Exchange or Advanced Group Headquarters, in a suitable position with regard to its batteries, with lines to Group Headquarters and O.P. Exchange.

O.P. Exchanges will be established by Corps Heavy Artillery Signals, at BANK FARM C.24.b.3.6. (Call BF) for the Northern Groups, and at D.20.c.2.1. (Call ZE) for the Southern Groups, with laterals between them and lines to each Battery, Forward Group Exchange, and Group Exchange allotted to them.

Under instructions of O.C. Corps Heavy Artillery Signals, each Battery will arrange for communications with its Group Forward Exchange and its O.P. Exchange, in accordance with attached diagram (No.113.)

BUO/1069/27
3rd. October 1917.

W.T. Dodd
Lieut.-Colonel R.E.
A.D.Signals.
II A. & N.Z.A.C.

Distribution:-

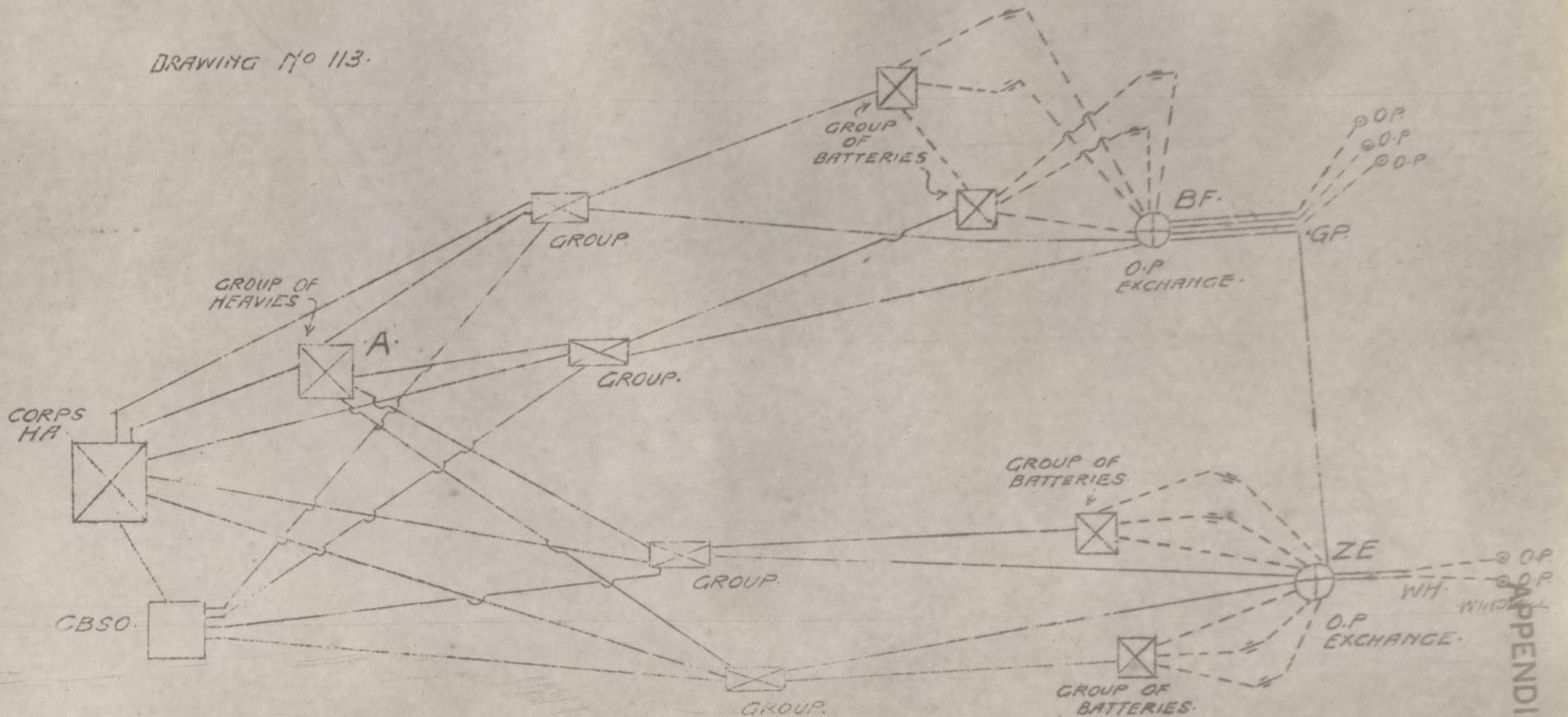
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- B.G.H.A. II ANZAC. 1
- G.C.C., R.A. II ANZAC 1
- II ANZAC "G" 1
- C.B.S.O. II ANZAC 1
- O. i/c Buried Lines 6
- O i/c Lines 1
- Army Area Signal Officer 1
- D.D.Signals Second Army 1
- File 2

• DIAGRAM OF
 PROPOSED H.A. COMMUNICATIONS
 • 2ND ANZAC CORPS.

REFERENCE:-

— DENOTES BURIED CABLE
 - - - " OVERLAND "

DRAWING No 113.



APPENDIX

SECRET.

II ANZAC CORPS BURIED CABLE SCHEME.

(No. 2.)

In continuation of BUO/1069 of 24th. September:-

- (1) The Northern and Southern Routes will be pushed forward in accordance with attached plan. Work to commence on night 4th/5th. inst.
- (2) The work will be carried out by the same Battalions of the N.Z.R.B. and by the II ANZAC Cyclist Battalion.
- (3) The instructions contained in above circular as regards depth, jointing, laying marking etc., will still apply.
- (4) The following table shows the cables to be laid in each section of the trench:-

MH to KR	(7 7 pair brass or equivalent 1 Quad Iron or equivalent.	--	Total 51 pairs plus 1 twin.
KR to WO (New Cable Head)	(7 7 pair brass or equivalent 1 Quad Iron or equivalent.	--	Total 51 pairs plus 1 twin.
WH to BO	10 7 pair brass or equivalent	--	Total 70 pairs plus 1 twin.
BO to GS (New Cable Head).	(10 7 pair brass or equivalent	--	Total 70 pairs plus 1 twin.
KR to BT	6 7 pair brass or equivalent	--	Total 42 pairs plus 1 twin.
BT to BO	6 7 pair brass or equivalent	--	Total 42 pairs plus 1 twin.

The one twin pilot is for Lineman's Test Line, and is not included in number of pairs shown on plan.

- (5) Tasks are divided between battalions as follows:-

1st. Battalion N.Z.R.B.	-	MH to KR KR to WO KR to BT
3rd. Battalion N.Z.R.B.	-	WH to BO BO to GS BO to BT

- (6) The following is the order in which routes will be completed:-

MH to KR
WH to BO
KR to BT
BO to BT
KR to WO
BO to GS

W. H. O. C.
Lieut.-Colonel R. B.
A.D. Signals.
II A. & N.Z.A.C.

BUO/1069/24

3rd. October 1917.

Distribution/P.T.O.

DISTRIBUTION:-

"G" II ANZAC	1
G.O.C., R.A. II ANZAC	1
B.G., H.A. II ANZAC	1
O.C. II ANZAC Cyclists	2
O.C. 1st. Bn. N.Z.R.B.	2
O.C. 3rd. Bn. N.Z.R.B.	2
O.C. N.Z. Divn. Signals	1
O.C. 3rd. Aus. Div. Sigs.	1
O.C. 49th. Divn. Signals	1
O.C. 66th. Divn. Signals	1
D.D. Signals Second Army	1
O.C. "Y" Corps Sig. Coy. R.E.	1
Area Signal Officer (Lt. Mutch)	1
Lieut. D.A. Saunder	1
2/Lieut. J.W. Starbuck	1
O.C. Signals II ANZAC H.A.	1
G.O.C. 3rd. N.Z. Infy. Bde.	1
A.D. Signals I ANZAC	1

SECRET.

II ANZAC CORPS CARRIER PIGEON SERVICE.

INSTRUCTIONS NO.1

Pigeons have been allotted as follows:-

Left Division	60 birds from POPERINGHE Lofts.
Right Division	70 birds from POPERINGHE Lofts.
Heavy Artillery	40 birds from MOBILE LOFT No.M.29 (A.17.d.8.6)
Corps Observation O.	8 birds from POPERINGHE Lofts. (Sheet 28.)

Corps Pigeon Despatch Rider will deliver to the Divisional Refilling Points as under:-

Left Division	WIELTJE.
Right Division	BAVARIA HOUSE.
Heavy Artillery	H.A.HEADQUARTERS.
Corps O.O.	TOWN MAJOR'S OFFICE YPRES.

Brigade Signals will arrange to collect for all units including those for F.O.O's of their covering Groups from the Divisional Refilling Point.

All Pigeon Messages will be addressed to Divisional Headquarters as well as to Infantry Brigade Headquarters.

Pigeon messages will be 'Priority.'

Arrangements have been made to place in each assault basket (holding 2 pigeons) issued to Divisions a waterproof envelope containing message forms sufficient for two messages, clips and a pencil.

W. T. Wood
 Licut.-Colonel R.E.
 A.D.Signals.
 II A.& N.Z.A.C.

3rd. October 1917.

Copies to :-
 Officer i/c Signals,
 3rd. Austn. Division.
 New Zealand Division.
 49th. Division.
 66th. Division.
 II ANZAC Heavy Artillery.
 O.C.Pigeons II ANZAC.
 II ANZAC "G".
 II ANZAC R.A.
 B.G., H.A.

II ANZAC CORPS - WIRELESS COMMUNICATION - INSTRUCTION No.3.
-----RELIEF OF WIRELESS STORES ETC.,

1. The two Divisions in the line will hand over to the incoming Divisions all Wireless and P.B. Stores that may be in use in the line.
2. All stores not in use will be brought out of the line.
3. A receipt for all stores handed over must be obtained. These receipts will be forwarded to A.D.Signals, II ANZAC Corps at the earliest opportunity.
4. Should a receipt not be obtainable, a statement as to quantity and position of stores handed over must be returned instead.
5. The outgoing Division will take all possible precaution that at the time of relief no discharged accumulators are left on stations.
6. The extreme importance of conserving and salvaging all accumulators is again brought to notice.
7. The 49th. Divisional Signals and 66th. Divisional Signals will leave at Corps Headquarters all their Wireless stores with the exception of expendable stores, such as earth pins, drums of cable, etc.,
8. The 3rd. Austn. Divnl. Signals and N.Z. Divnl. Signals will arrange to collect from Corps Headquarters, wireless stores sufficient to make them up to establishment.
9. The Amplifier personnel of 66th. Division with four men from Corps Wireless Section will be ready any time after 5-0pm, 5th. October.
10. The alteration of the position of any Corps Station men in BUO/1081/5 of 1st. inst. will be notified to Divisions immediately.

BUO/1081/7
4th. October 1917.

R. E. ...
Lieut.-Colonel R.E.
A.S.Signals.
II A. & N.Z.A.C.

DISTRIBUTION

/P.T.O.

Distribution:-

Officer i/c Signals	(5)
3rd. Austr. Division	(5)
New Zealand Division	(5)
49th. Division	(5)
66th. Division	(1)
II ANZAC "G".	(1)
II ANZAC R.A.	(4)
O.C. Wireless	(1)
O.C. "Y" Corps Signals	(2)
File	

II ANZAC CORPS - WIRELESS COMMUNICATION - INSTRUCTION No.4.

Reference BUO/1081/5 of 1st. inst.

1. Arrangements have been made for Fifth Army Control Station "YZ" to act as II ANZAC Corps Station.
2. Corps Headquarters Station "DD" will close down. Forward Corps Station will only exchange signals with this station once per day unless they have traffic for it.
3. The following are the Corps Stations that may communicate with "YZ" --

<u>NF</u>	GOLDFISH CHATEAU	Trench Set.
<u>YU</u>	CANAL BANK (Dead End)	Wilson Set.
<u>DC</u>	MILL COTT.	Wilson Set.

4. In the event of the Fifth Army Station being used for traffic Signal Master II ANZAC will arrange for orderlies between the Station and Corps Signal Office.

W. R. Add

BUO/1081/3

Sch. September. 1917.

Lieut.-Colonel R.E.
A.D.Signals.
II A.& N.Z.A.C.

Distribution:-

- D.D. Signals Fifth Army (Wireless) (1)
- D.D. Signals Second Army (Wireless) (1)
- O.C. Wireless II ANZAC. (6)
- SignalMaster II ANZAC (1)
- Officer i/c Signals,
 - 3rd. Austn. Division. (1)
 - New Zealand Division (1)
 - 49th. Division (1)
 - 66th. Division (1)
- G.O.C., R.A. II ANZAC. (1)
- B.H.H.A. II ANZAC (1)
- II ANZAC "G" (1)

SECRET.

II ANZAC CORPS.

INSTRUCTIONS FOR AEROPLANE CONTACT WITH INFANTRY
USING WIRELESS (2nd.PHASE.)

- (1) There will be one station at Reserve Brigade, Left Division.
- (2) There will be one station at Reserve Brigade, Right Division.
- (3))
- (4)) As in Instructions dated 2nd.October 1917 (BUO/1081/6.)
- (5))

BUO/1081/9
6th.October 1917.

R.E. Dood

Lieut.-Colonel R.E.
A.D.Signals
II A.& N.Z.A.C.

Distribution:-

- Officer i/c Signals, (2)
- 3rd.Austn.Division (2)
- New Zealand Division (2)
- 49th. Division (2)
- 66th. Division (2)
- II ANZAC "G". (1)
- II ANZAC R.A. (1)
- D.L.Signals Second Army (1)
- O.C.Wireless (2)
- O.C. "Y" Corps Signals (1)
- A.D.Signals XVIII Corps (1)
- File (2)

II ANZAC CORPS BURIED CABLE SYSTEM.

FURTHER ALLOTMENT OF CIRCUITS ON NEW BURIED ROUTES.

L to O 37 pairs --

Right Division	15 pairs	Nos. 1 to 15.
Left Division	2 pairs	Nos. 16 & 17.
Reserved for Corps	5 pairs	Nos. 18 to 22.
Corps H.A.	15 pairs	Nos. 23 to 27.

O to BH (New Bury) 37 pairs --

Right Division	15 pairs	Nos. 31 to 45.
Left Division	2 pairs	Nos. 46 & 47.
Reserved for Corps	5 pairs	Nos. 48 to 52.
Corps H.A.	15 pairs	Nos. 53 to 67.

The first cable (pairs 1-7) in the old bury from O to BH is brought up to a test box 400 yards from O and as this cable is dis. between BH and this test box it is intended to use the seven pairs for local lines from O to Batteries in the vicinity of the test box. They will be allotted by Sub-Area Officer at F dug-out.

MH to KR 50 pairs -- (Will be ready for use on night of 7th. inst.)

Left Division	20 pairs	Nos. 1 to 20.
Right Division	5 pairs	Nos. 21 to 25.
Reserved for Corps	15 pairs	Nos. 26 to 40.
Corps H.A.	10 pairs	Nos. 41 to 50.

WH to BT 70 pairs -- (Will be ready by 3-0pm. on 8th. inst.)

Right Division	20 pairs	Nos. 1 to 20.
Left Division	10 pairs	Nos. 21 to 30.
Reserved for Corps	10 pairs	Nos. 31 to 40.
Corps H.A.	30 pairs	Nos. 41 to 70. ϕ

ϕ The last 7 pairs on the WH-BT bury are being looped up on to a terminal board in the house at D.21.a.7.3. (on the road) for the use of Heavy Artillery Observers.

On the route GP to MH, pairs 21 to 25 will be allotted to Left Division in addition to their previous allotment so as to allow them a route of 20 pairs from GP Forward.

KR to BT 42 pairs -- (Will be ready by evening of 8th. inst.)

Left Division	15 pairs	Nos. 1 to 25.
Right Division	10 pairs	Nos. 16 to 25.
Reserved for Corps	5 pairs	Nos. 26 to 30.
Corps H.A.	12 pairs	Nos. 31 to 42.

R. E. R. E.

Lieut.-Colonel R.E.
A.D. Signals.
II A. & N.Z.A.C.

BUO/1069/30

6th. October 1917.

DISTRIBUTION. /P.T.O.

Distribution:-

Officer i/c Signals,	(2)
3rd. Austn. Division.	(2)
New Zealand Division.	(2)
49th. Division	(2)
56th. Division.	(2)
II ANZAC H.A.	(6)
II ANZAC "G".	(1)
II ANZAC R...	(1)
B.G.H.A. II ANZAC	(1)
Officer i/c Buried Lines	(2)
D.D. Signals Second Army	(1)
Army Area Signal Officer	(2)
No. 1 Sub-Area Officer	(2)
No. 2 -do-	(2)
No. 3 -do-	(2)
No. 4 -do-	(2)
No. 5 -do-	(2)
O.C. Lines	(1)
Lieut. Starbuck	(1)
File	(2)

S E C R E T.
-----II ANZAC CORPS BURIED CABLE SYSTEM.
-----Instructions for Maintenance No.2. (2nd.Phase.)

Reference BUO/1069/20 dated 1st.October.

- (1) The instructions contained in the above quoted circular will still apply, with the following exception:-

Para.3, add --

"No.5 (Brown) Sub-Area Officer. Lieut.Hare"

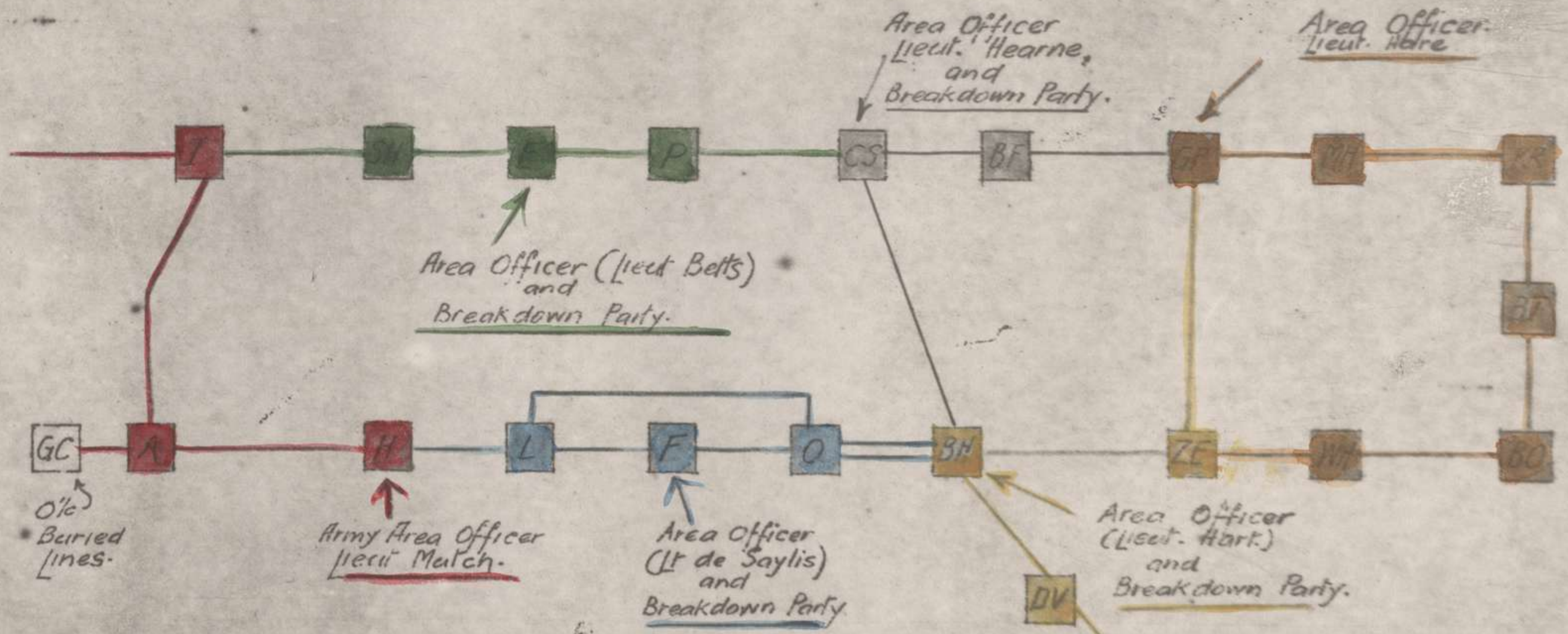
- (2) The further allotment of circuits on the NEW Buries (Ref.BUO/1069/24 of 3rd.inst.) is issued herewith.

*R. F. Doett*BUO/1069/31
6th.October 1917.Lieut.-Colonel R.E.
A.D.Signals.
II A.& N.Z.A.C.

Distribution:-

Officer i/c Signals,	
3rd.Austn.Division	(2)
New Zealand Division	(2)
49th. Division	(2)
66th. Division	(2)
II ANZAC H.A.	(6)
II ANZAC "G"	(1)
R.A. II ANZAC.	(1)
B.G.H.A. II ANZAC.	(1)
Officer i/c Buried Lines	(2)
D.D.Signals Second Army	(1)
Army Area Signal Officer	(2)
No.1 Sub-Area Officer	(2)
No.2 -do-	(2)
No.3 -do-	(2)
No.4 -do-	(2)
No.5. -do-	(2)
O.C.Lines	(1)
Lieut.Starback	(2)
File	(2)

• DIAGRAM OF •
 • MAINTENANCE OF BURIED LINES •
 • 2ND ANZAC CORPS •

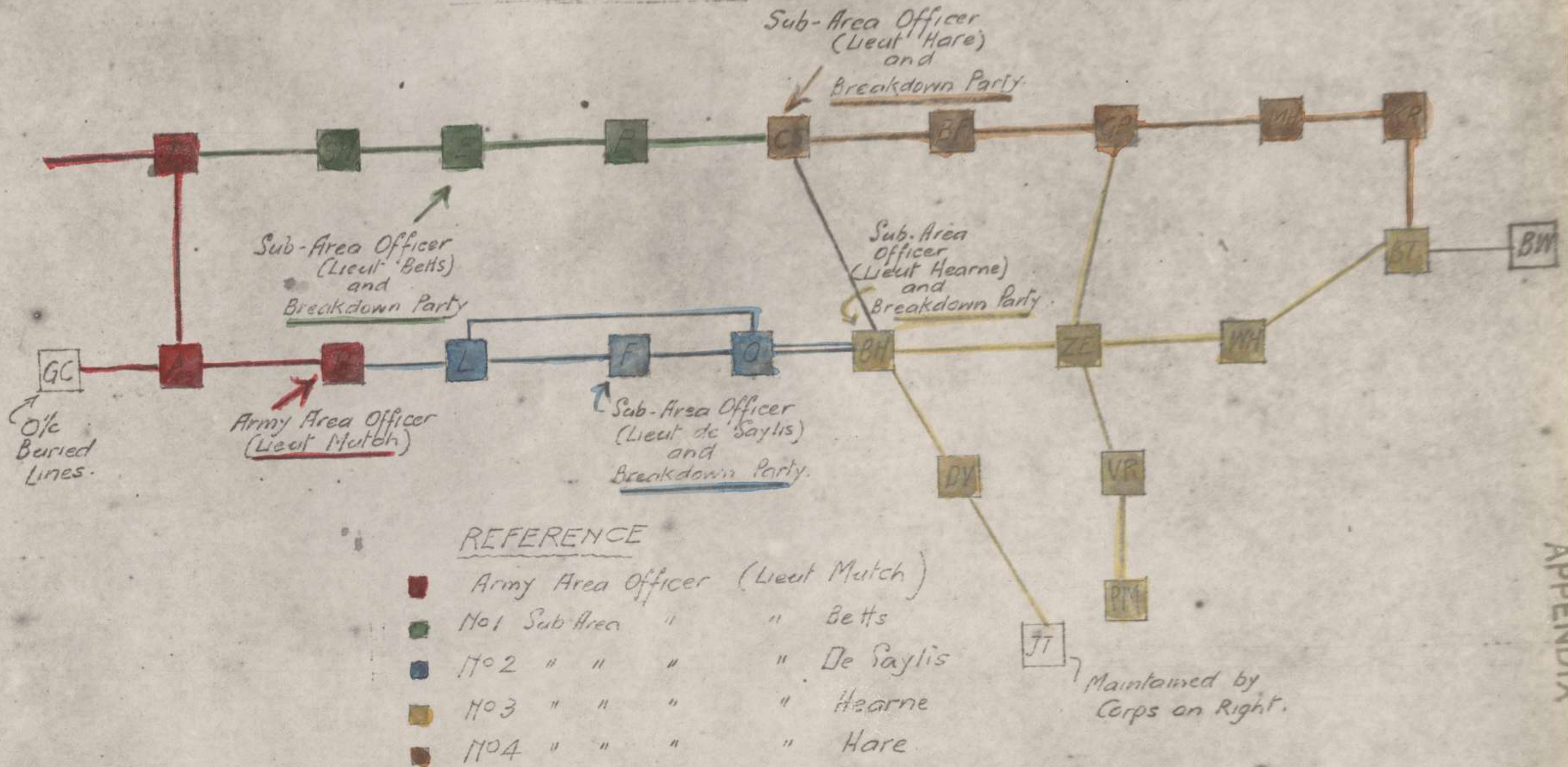


REFERENCE.

■	Army Area Officer	Lieut Mutch
■	No1 Sub	" Betts
■	No2 "	" De Soydis
■	No3 "	" Hearne
■	No4 "	" Hart
■	No5 "	" Hare

DRAWING NO 112 A.

DIAGRAM OF
Maintenance of Buried Lines.
2ND ANZAC CORPS.



Drawing No 1128

APPENDIX

SECRET.

II ANZAC CORPS - WIRELESS COMMUNICATION • INSTRUCTION No.4.

2nd.PHASE.

- 1.) } As in instructions of 1st. October (BUO/1081/5.)
- 2.) }
- 3.) }
4. O.C.Signals Right Division will reserve accomodation at MILL COTT and take steps to notify Brigade and Battalion Signallers of the position of the Set.
5. O.C. Signals 49th. Division will arrange that accomodation is provided at his Advanced Station (I.2.c.3.7.) Divisional
6. As in instructions of 1st. October.
7. Arrangements have been made that Fifth Army Control Station (Call YZ) will act as II ANZAC Corps Headquarters Station should occasion arise.

DIVISIONAL SCHEME - LEFT DIVISION.

1. As in instructions of 1st.October.
2. O.C.Divisional Signals will arrange the disposition of the three Wireless Sets in his possession to the best advantage.
3. The Calls of the above stations will be DZ, NV, YI.
4. O.C. Divisional Signals will inform Wireless Officer II ANZAC Corps as soon as possible of the Units these Stations serve, and their position.

DIVISIONAL SCHEME - RIGHT DIVISION.

1. The Advanced Corps Directing Station will act as the Right Divisional Rear Station. (Call DC.)
2. O.C. Divisional Signals will arrange that messages can be transmitted by wire between this station and Advanced Division Headquarters, or that the Station is in telephonic communication.
3. O.C. Divisional Signal Company will arrange the disposition of the three wireless ets in his possession to the best advantage.
4. The calls of these stations will be DM, NN, NC.
5. O.C.Divisional Signal Company will inform the Wireless Officer II ANZAC Corps as soon as possible of the Units these Stations serve, and their position.

AMPLIFIER SCHEME.

1. O.C.Divisional Signals will arrange the disposition of these sets to the best advantage.
2. Calls will be :-

(Left Divn.)

(2)

LEFT DIVISIONRIGHT DIVISION.

CIN
CKB
MEP
MPH
MAW
MDS
CCN
CDY

CAW
CAY
MDI
CKH
CLS
MDK
MHK
MIL

3. O.C.Divisional Signals will inform Wireless Officer II ANZAC as soon as possible the units these Stations serve and their positions.

NOTES ON POSITION OF SETS.

1. Generally speaking, Wireless Sets should be installed at Brigade Headquarters and be used as a secondary communication between fighting Brigade Headquarters and Advanced Divn. Headquarters.
2. Amplifier and Power Buzzer communication should be used to link up Fighting Brigade Headquarters with Forward Brigade Station and Battalions.
3. As far as possible there should always be two-way working (i.e., Amplifier P.B. working to Amplifier P.B.)
4. One-way working (i.e., Power Buzzer only to Amplifier) has the advantage of lightness and simplicity. If used it ought only to be between Advanced Battalion or Company H.Q. and Forward Brigade Position.
5. 2,000 yards must be considered the maximum limit for P.B. working. For greater distances messages must be relayed.

CHARGING OF ACCUMULATORS.

1. Corps charging stations are situated at -
 - (a) BH Dugout (C.30.c.5.3.)
 - (b) Old Bn.HQrs. in Potijze Wood (I.4.a.5.5.)
2. As in Instruction of 1st. October except "RAILWAY WOOD and YPRES (Right Div. Adv. Hqrs.)" which should be deleted.
3. As in instructions of 1st. October.
4. As in instructions of 1st. October except "RAILWAY WOOD" which should be deleted.
5. As in instructions of 1st. October.
6. As in instructions of 1st. October except "RAILWAY WOOD" which should be deleted.
7. As in instructions of 1st. October.

STORES -- As in instructions of 1st. October.

GENERAL -- as in instructions of 1st. October.

BUO/1081/8

6th. September 1917.

W. T. Doell

Lieut.-Colonel R.E.
A.D. Signals.
II A. & N.Z.A.C.

DISTRIBUTION / P.T.O.

Distribution:-

Officer i/c Signals,	
3rd. Austn. Division.	(2)
New Zealand Division.	(2)
49th. Division	(2)
66th. Division	(2)
II ANZAC "G".	(1)
II ANZAC R.A.	(1)
D.D. Signals Second Army	(1)
O.C. Wireless	(2)
O.C. "Y" Corps Signals	(1)
A.D. Signals XVIII Corps	(1)
File	(2)

SECRET.
-----BURIED CABLE SCHEME II ANZAC CORPS.
-----INSTRUCTION No.3.

In continuation of BUO/1069 of 24th. September:-

- (1) The Northern and Southern Routes will be pushed forward in accordance with attached plan.
- (2) The work will be carried out by the 1st. and 2nd. Wollington Battalions, 1st. New Zealand Infantry Brigade. These Battalions will be quartered at - No.27 Camp Sheet 28.G.9a.2.6. and No.32 Camp at Sheet 28.G.13.b.8.9. respectively.
- (3) In addition the II ANZAC Cyclist Battalion will be attached under the command of Major C.D.Evans D.S.O. and will be employed in lieu of R.E. Personnel for supervising and laying out the cable, assisting the jointers and strengthening Test Points.
- (4) All cables will be buried 7 feet deep. The Trench will be passed as of sufficient depth by supervising Signal Officer or an Officer of the Cyclist Battalion before the cables are laid.
- The trench will be filled in immediately after cables are laid, and passed by a Signal Officer or an Officer of the Cyclists Battalion, before the working party leaves.
- (5) Joints will be left open and completed in daylight by a special jointing party. The joints will not be covered in for at least 12 hours, and after a final test has been made.
- (6) When laying cables, the end of each cable should be labelled, to facilitate defective cables found by test, to be recognised.
- (7) Cables will be led on to plug and socket boards, or terminal boards at the test dug-outs shown. There will be no intermediate test points.
- (8) Routes will be marked by trench markers, and all joint positions will be separately marked.
- (9) The following table shows the cables to be laid in each section of trench:-

BT to BW	(11 7 pair brass or equivalent (2 Quads, iron or equivalent.	-- Total 81 pairs plus 1 twin.
BW to WF	(11 7 pair brass or equivalent (2 Quads, iron or equivalent.	-- Total 81 pairs plus 1 twin.
KR to MB	(7 7 pair brass or equivalent (1 Quad iron or equivalent.	-- Total 51 pairs plus 1 twin.
MB to WF	6 7 pair brass or equivalent	-- Total 42 pairs plus 1 twin.

The one twin pilot is for Lineman's Test Line, and is not included in number of pairs shown on plan.

- (10) Work will commence on 9th. inst. Work to be done by day or night at discretion of battalion commanders.

(11)

- (2)
- (11) Both Battalions will concentrate on the bury from BT to BW and from BW to WF.
After completion of above, tasks are divided as follows:-
- 1st.Bn.Wellington Regt. -- KR to MB.
- 2nd.Bn.Wellington Regt. MB to WF, and WF forward in the direction of HAALLEN (11.b.) and CREST FARM in 12.a.
- (12) The routes and test points are approximate, not having been finally surveyed.
- (13) Major C.H.D.Evans D.S.O., O.C., II ANZAC Cyclist Battalion will be in charge of the above work, and will receive instructions direct from A.D.Signals.
- (14) Arrangements have been made with S.M.T.O. II ANZAC Corps for 16 lorries daily, (8 per Battalion) to convey the working parties as far East of YPRES as is practicable, and to bring them back to camp on completion of work.

It will depend on strength of working parties whether lorries will require to make two trips each way.

Battalion Commanders will arrange to inform A.D.Signals Office by 9-Oam. each day, time and place lorries will be required.

W.T.Dodd

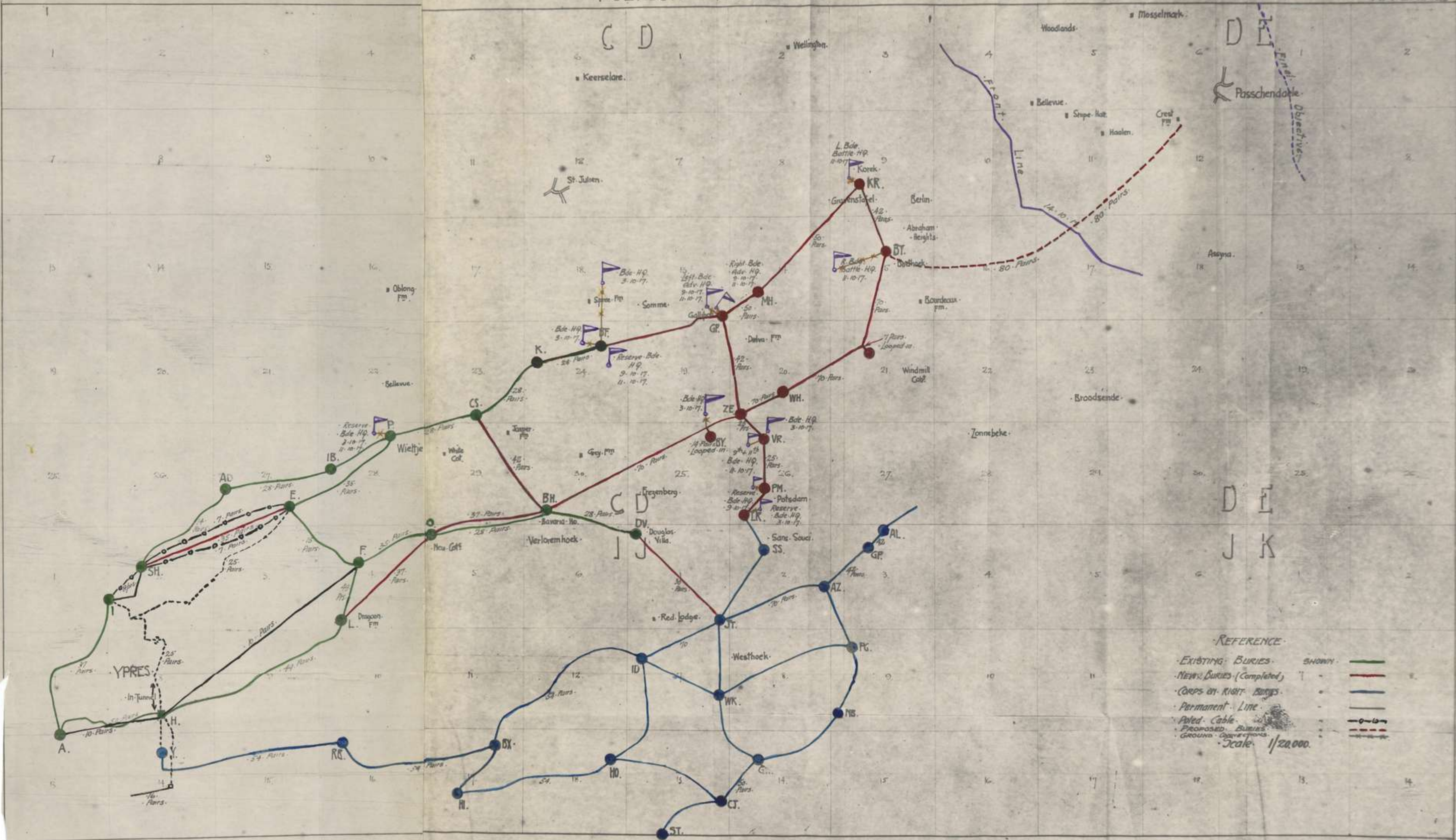
BUO/1069/33

8th.October 1917.

Lieut.-Colonel R.E.
A.D.Signals.
II A.& N.Z.A.C.

Distribution:-

Officer i/c Signals,		
3rd.Austn. Division	(1)	
New Zealand Division	(1)	
49th. Division	(1)	
66th. Division	(1)	
O.C. 1st.Bn. Wellington Regt.	(2)	
O.C. 2nd.Bn. Wellington Regt.	(2)	
O.C. II ANZAC Cyclist Bn.	(2)	
G.O.C. 1st.N.Z.Infantry Brigade	(1)	
II ANZAC "G".	(1)	
G.O.C., R.A. II ANZAC.	(1)	
B.G.H.A. II ANZAC	(1)	
D.D.Signals Second Army	(1)	
Area Signal Officer (Lt.Mutch.)	(1)	
Lieut. D.A.Saunders	(1)	
O.C.Signals II ANZAC H.A.	(1)	
Lieut. Starbuck	(1)	
No.1 Sub-Area Officer	(1) x	
No.2 Sub-Area Officer	(1) x	x
No.3 Sub-Area Officer	(1) x	Without
No.4 Sub-Area Officer	(1) x	Diagram.
No.5 Sub-Area Officer	(1) x	
File	(2)	



REFERENCE

- EXISTING BURIES
- NEW BURIES (Completed)
- CORPS ON RIGHT
- PERMANENT LINE
- POLED CABLE
- PROPOSED BURIES
- GROUND COVERINGS

Scale 1/20,000

Map of Vol 6
page 47
31/10/17
y a c
2nd army

