

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

Signals

**Item number:** 22/1/15

**Title:** Assistant Director Signals, 1st  
ANZAC Corps and Assistant Director  
Signals, Australian Corps

July 1917



AWM4-22/1/15



# WAR DIARY

VOLUME 17

Army Form C. 2118.

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.

JULY 1917.

(Erase heading not required.)

A.D. SIGNALS 1<sup>st</sup> ANZAC CORPS

Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
Quarries	1 <sup>st</sup>		<p>Went into the question of transport of Divisional Signal Companies - in view of the recent re-organization and drafted Ltr T. 233/3 to Anzac Corps B on the subject (copy attached)</p> <p>Training etc proceeding as during last month</p> <p>Pigeon class composed of personnel from 1<sup>st</sup> and 2<sup>nd</sup> Div commences at Lavilleville.</p>	Appendix 1
	2.		<p>Arranged details of move of G.O. Cable Section on transfer from R Corps Signal Coy to Fifth Army (XVIII Corps) and issued "Orders by AD Sig No 1" on the subject (copy attached)</p>	Appendix 2



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Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
	3	<sup>am</sup> 9.15	<p>C. Q. Cable seen left for Wolfe Huts staying to 5<sup>th</sup> army. D.O. Lsq 3<sup>rd</sup> army and Tanya Corps advised. Went into question of wireless transport and drafted T 233/4 to Tanya Corps G on the subject (copy attached)</p> <p>Pijun class at Lavreville (1<sup>st</sup> Aust Div) proposes wrote D.O. Lsq 3<sup>rd</sup> army with ref to certain signal stores being made. Signal Park Supply. (T 190/9 attached)</p> <p>Uneventful day.</p>	<p>appendix 3</p> <p>appendix 4</p> <p>appendix 5</p>
	4 <sup>th</sup>			



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Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
3 <sup>rd</sup>	5 <sup>th</sup>		Pigeon lecture to Officers of 8 <sup>th</sup> Aust <sup>n</sup> Infy Bde delivered at Seelis Training of personnel and overhauling of equipment proceeding.	
	6 <sup>th</sup>		Technical class concludes Arranged Pigeon Classes for Personnel of 1 <sup>st</sup> Aust Bn to commence on the 9 <sup>th</sup> and 12 <sup>th</sup> inst at Kariakilla Also arranged vacancies for Power Bugger Course commencing 9 <sup>th</sup> inst (R.A. 196 attached)	
	7 <sup>th</sup>		Lecture on Pigeon Service delivered at Bapamine to Brigade and Battalion Officers and N.C.O's of 2 <sup>nd</sup> Aust	Appendix 5A



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Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
			<p>Division - were attended.</p> <p>Visited Brigade sections of the 2<sup>nd</sup> and 4<sup>th</sup> Aust Infy Bys.</p> <p>8<sup>th</sup> Proposed move of 1<sup>st</sup> Angas Corps postponed. No other event of importance.</p> <p>9<sup>th</sup> Visited 1<sup>st</sup> Aust Div Artillery Signals (Capt Manley) at River Mill.</p> <p>Piper class (1<sup>st</sup> Aust Div) assembled at Laverton. Technical and cable printing class terminated. 921 candidates 2 passed superior 7 skilled and 1 Proficient.</p>	

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Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
	10		Visited No 2 Signal Sec of 1 <sup>st</sup> Aust Div Sig Coy Hullerphone Lectures and demonstrations given in morning and afternoon to personnel of R Corps Sig Coy.	
	11		Uneventful day. Hullerphone lectures etc continuing as yesterday. Pipin class at Lavieville disassembles. Informed DD Sig that no further pipin classes would assemble after 9 <sup>th</sup> . Informed 1 <sup>st</sup> & 5 <sup>th</sup> Aust Divs that no further Power Ruffs classes would assemble.	Appending 6 Appending 7
	12		Hullerphone lectures etc continuing. New Pipin class assembles at Lavieville (1 <sup>st</sup> Aust Div)	



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Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
	13		Uneventful day.	
	14		Pigeon classes finish at Lavieville. Inform D D Sigs that Coft will not be required further and request O.C. K Corps Sig Coy to collect Corps personnel stores from the Coft.	
	15		Lieut G. A. BLACKWELL transferred today from 3rd Army Signal Coy to K Corps Signal Coy (w 1st Army Corps School (anchored C 1952 D.D. Sigs 3rd Army) attached	Appendix 6

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Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
	16		Uneventful day. Very wet.	
	17		Went into subject of "Forward Communications in a Brigade area of attack" as laid down in "Forward Communication in Battle" and prepared an enlarged diagram on the subject.	
	18		Visited 5 <sup>th</sup> and 6 <sup>th</sup> Signal Coy at Rubempire.	



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Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
	19		<p>11 Lt A. A. MORGAN transferred this day from 40<sup>th</sup> Signal Coy to 12 Corps Signal Coy for duty at Corps Signal School. 11 Lt Morgan proceeded direct to the school. (authority D.O Sigs 3<sup>rd</sup> Army C 1968 <del>and</del> dated 18<sup>th</sup> inst and C 1970 of 19<sup>th</sup> inst attached)</p> <p>Informed all concerned (wines attached)</p>	<p>appending appendix 10</p>
	20		<p>On receipt of <del>11</del> D Sigs letter /R: 770 of 16/7/17 proposing a re-organisation of the trades of signal personnel - go into the subject and put forward my observations on the <del>letter</del> matter. my letter T 187/7<sup>a</sup> (copy attached)</p>	<p>appending 11</p>

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Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
	21		Uneventful day.	
	22		Went into some details of the Scheme for demonstration of forward Communications in battle to be practised on the 24 <sup>th</sup> . with Col Wright (680 <sup>th</sup> Aust Div) and had diagrams of the Scheme prepared.	
	23		Went over the ground selected for the above-mentioned Scheme with O.C. 5 <sup>th</sup> Aust Div Sig Coy and made final arrangements for same.	



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Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
Querrin	24	11 am	<p>A demonstration is given of "Forward Intercommunications in Battle" as laid down in SS 1418 (GHC Pamphlet) -</p> <p>Ground Selected is about BEAUMONT HAMEL -</p> <p>An actual attack from the old British front line between AUCHONVILLERS and BEAUMONT HAMEL and N of the road between the latter places is carried out by the 15<sup>th</sup> Bde of the 5<sup>th</sup> Australian Divn -</p> <p>A copy of the Brigade Orders for the attack is attached</p> <p>All the Communications for the attack are prepared by 5<sup>th</sup> Aust Div Sig Co, and are laid out during the attack in accordance with the attached Summary -</p> <p>A Large number of Officers (probably about 150) from 1<sup>st</sup> 2<sup>nd</sup> &amp; 5<sup>th</sup> Aust Divs, including Divisional and Brigade Staffs.</p>	<p>appendix 12</p> <p>appendix 13</p> <p>10</p>



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Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
	24	(Cont)	<p>Attend the Demonstration -</p> <p>I give a short lecture at Rendezvous, Anchowillers, near Div Report Centre, to explain the scheme, and all the communications in detail, then take all officers forward to Brigade HQ thence up the main artery to Bde Ford Str, giving short explanations at each of the various points passed -</p> <p>All communications are laid out exactly as prescribed in SS 1418, personnel to man the Foo Stations, Bde Strs on flanks, Arty groups &amp; Batteries, Directional Reading Station provided -</p> <p>A complete scheme of communications for an attack by a Brigade with 2 Bttns is therefore demonstrated -</p> <p>3<sup>rd</sup> Squadron RFC provide Contact Aeroplane</p> <p>A very fine shot day - Lucas lamps particularly effective -</p>	

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Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
	24 (cont)		Issue "A D Signal Orders No 2" in connection with move of 1 Army Corps HQ to HAZEBRUCK on 26 inst.	Appendix 14
	"		DD Sigs 3 Army instructs called of Quierien Office will become QRU when AHO vacate. Wue C 1994	Appendix 15
	25		Issue Amendment <sup>(R.P. 239 and)</sup> 'R P 240' to above orders, consequent on information received from O/C Sigs Heavy Artillery that HQ of latter would move to ARQUES instead of as previously arranged.	Appendix 16
			Visit Corps Signal School.	
			AYA advise Div HQ in new Area will be ECOLE RUE DE PORTER HAZEBRUCK	



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Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
HAZEBRUCK	26	8 am	<p>1 Army Corps HQ closes Querrien and opens HAZEBRUCK</p> <p>Move with Corps HQ arriving HAZEBRUCK <del>Mass</del> noon -</p> <p>K Signal Co with Wireless and HA Signal Sections move from Querrien and are located as follows</p> <p style="padding-left: 40px;">K Signal Co HQ - Farm 309 Hazebruck</p> <p style="padding-left: 40px;">Wireless Sectn - MORBECQUE</p> <p style="padding-left: 40px;">HA Signal Sectn - ARQUES -</p> <p>W 18 Bn HQ &amp; Sectn accompanies K Sig Co and is located MORBECQUE. D. D. Sig 2<sup>nd</sup> army informed (R.P. 242)</p> <p>K Co has sent an advance party previously, under Lottill who has arranged Cpl to BAR, and necessary local connections -</p>	<p>appendix 17</p>



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Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
	26	(Cal)	<p>Work is completed without any hitch, all furnishings being carried out by road in Signal Motor Transport. Lorries had to do 4 return trips, and there were no breakdowns except tyres coming off in one or two cases -</p> <p>Small party of 4 Sig Co left behind to keep Quennien Signal Office and Albat Argac Exchange open till departure of 5 Aust Div.</p> <p>My office in Haychurch located in RUE de BORRE almost at far end from town - Very inconveniently distant from Capt H Q, but no other accommodation available, that provided by Camp Commandant being found 'not available' when required -</p>	

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Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
	27		<p>1<sup>st</sup> A DIV open Headquarters. in HAZEBRUCK, no time advised, and no Signal Personnel having arrived, no Signal Office is established - Brigades of 1<sup>st</sup> A DIV located as follows</p> <p>1<sup>st</sup> Bde Le kieppe  2<sup>nd</sup> " St Marie Capelle  3<sup>rd</sup> " Staple.</p> <p>Circuits exist to St Marie Capelle &amp; Staple from HK (HQ) Office and 1 &amp; 3 Brigades respectively hook on to these - Cable Circuits run from HK Office to AYA so as to extend the 2 Ccts back to latter Office when their Signal Coy arrives - Cable cct run from AUO to AYA.</p>	



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Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
Hazebrouck	27	(Cont)	<p>Visit 1<sup>st</sup> A Bde at Le hiepke, and 5<sup>th</sup> A Bde at Staple -</p> <p>Visit Renescure where Advance Party 2<sup>nd</sup> Aust Div Sig Co has arrived, also Blaringhem where Advance Party of 5<sup>th</sup> Aust Div Sig Co has arrived -</p> <p>2<sup>nd</sup> Aust Div Bdes to be located at Renescure - 7 Bde  Arques - 5 Bde  Wardrecque - 6 Bde</p> <p>Arrange for Circuit from Renescure to Arques at present in use for Corps Heavy Artillery to be split at Arques at 5 Aust Bde Office, thus putting 5 Bde on to 2 Aust Div Exchange at Renescure, and Corps Heavy Artillery on to 5 Bde Exchange -</p> <p>A Int Exchange, manned by K Signal Co is fitted up &amp; opened at Wardrecque for connection to local Arzac Units</p> <p>D D Sigs 2<sup>nd</sup> Army report (R.P. 244)</p>	<p>Appendix 10 18</p>



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Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
Haybuck	28.	8 am	<p>AYB opens Renaissance - Circuit from AVO established -</p> <p>AYA " HAZEBRUCH - Do Do Do Do -</p> <p>W18 Secta build twin Air Line Staple to LE-NIEPPE -</p> <p>EBLINGHEM road there picking up cct on pent route</p> <p>to LE NIEPPE, thus providing Comd AYA to AZA via AZC</p> <p>Visit above route, also AYB at Renaissance</p>	
	29	noon	<p>AYE opens Blaringham having closed at Rubempre in</p> <p>3 Army Area at 8 am - Ccts provided by arrangement</p> <p>with BAR - AVO to AYE</p> <p>AYE to AZN (Linde)</p> <p>AYE to AZO (Sencus)</p> <p>AYE to AZH (Wardrecque Chateau) (R.P. 253 - R.P. 267)</p> <p>Send letter to Divs re use of Wireless Stations and Calls for</p> <p>Practice Purposes - Attached</p>	<p>approved 19.20</p> <p>Appendix</p> <p>214</p>

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Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
Heizhuck	30		<p>Staff notify that Brigades will move in succession to LUMBRES area for a few days for training purposes - There to be 2 Brigade Areas one with HQ at BOUVELINGHEM, one with HQ at NIELLES LE BLEQUIN -</p> <p>make application to BAR for cets to these places but informed none available, but can get one cct from PT OMER to LUMBRES - Point this difficulty out to GS and to Divs &amp; Signals concerned - Eventually decided that 3<sup>rd</sup> Bde of 1<sup>st</sup> A Div will go to LUMBRES and temporarily take over the L of C Office there, 5<sup>th</sup> Bde of 2<sup>nd</sup> A Div will go to BOUVELINGHEM and work from LUMBRES by DR. Signals ST OMER agree to transmit mess for these 2 Bdes to LUMBRES, Brigade training that terminal</p>	

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Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
	30 <sup>th</sup>	4 <sup>30</sup> pm	<p>A. R. V. Office closes at Quernien 5<sup>th</sup> Aust Div having left Rubempré.</p> <p>Albert <sup>Angae</sup> Enclave closed. all subscribers having left for new area except 1<sup>st</sup> Angae Encls School and 5<sup>th</sup> Aust Div Reinforcement Camp which circuits are transferred to CAR Enclave by arrangement with D.D. Sigs 3<sup>rd</sup> Army.</p>	
	31 <sup>st</sup>		<p>Lt Turner &amp; party of R Corps Sig Coy from Quernien join at Hagbroeck.</p>	



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Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
Hazebuck	31 <sup>st</sup>		<p>Draft letter for issue by Staff re duties of O.C. Corps Wireless Section - Attached -</p> <p>7pm Hazebuck shelled by long range HV gun for about an hour. 2 or 3 shell burst near farm 309 on St Owen Road (litter occupied by the Signal Coy), and some splinters drop amongst tents, but no damage - Windows of Signal office Corps HQ broken, but no wires or local wires are broken -</p> <p>Lieut A Walker, 1st Aust Div Sig Co, Sig Off with Sig Sub-Section 2nd AFA Bde, and Lieut R J Reid, 5th Aust Div Sig Co, Sig Off with Sig Sub-Section 5th Aust Div Artillery Bde killed in action in 5 Army Area. DD Sigs 2nd Army and 1st Army Corps advised (R.P. 285 &amp; 286)</p>	<p>Appendix 22</p> <p>20. Appendix 23-24</p>

R. J. Powell  
LIEUT. COL. R. J. POWELL  
A.D. SIGNALS  
1 ANZAC CORPS

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3

War Diary.

Appendix No. 1  
 A. D. SIGNALS,  
 Anzac CORPS.  
 No. T. 233/3  
 Date 1/7/17.

"G",

I Anzac Corps.

Appendix 1.

1. I beg to draw attention to the difficulties which will be experienced by Divisional Signal Companies in regard to transport, on account of the reorganization which has recently taken place.

2. Signal Sub-sections for Field Artillery Brigades.

No transport whatever has been provided for these sub-sections. They have been equipped with a number of technical stores including magneto switch units, buzzer switch units, magneto telephones, daylight signalling lamps, all of which are heavy. Fullerphones are also likely to be issued in the near future.

The telephone wagon with which each sub-section is equipped is only capable of carrying the small technical stores appertaining to the wagon. There is also the question of carrying rations for the men and horses of the sub-section.

For the transport of all the above, the Sub-section is entirely dependent upon such space as may be available in the vehicles of the Artillery Brigade, and this is an unsatisfactory, and in my opinion impracticable, state of affairs. It is desirable that every Signal unit should be able to carry its own stores etc., and I recommend that a wagon limbered G.S., with two horses and driver be added to the transport authorized for each Signal Sub-section F.A. Brigade.

3. Wireless Sections.

The formation of these sections adds considerably to the technical equipment of a Divisional Signal Company which has already greatly increased of late, and is continuing to increase, and cannot possibly be carried on existing

/transport.



- 2 -

transport. The new scale of instruments authorized for the Divisional Wireless Section will total in weight, as far as I can make out, about two tons, and no provision has been made for the transport of the same.

I recommend that a box car with driver be authorized as the transport of each wireless section of a Divisional Signal Company. Though this vehicle will not be able to carry the whole of the wireless equipment simultaneously it is the most satisfactory form of vehicle for the purpose as it does not shake up the instruments so much as a lorry or horse vehicle and is very suitable for carrying accumulators for charging purposes.

*Rich Powell*

Lieut. Colonel, R.A.,

A.D.SIGNALS, I A.N.Z.A.C.

July 1st,

1917.



3  
SECRET.

Appendix No. 23  
Appendix No. 2  
Copy No.....

*Appendix 2*  
ORDERS BY A. D. SIGNALS, I ANZAC CORPS.

No. 1.

July 2nd, 1917.

1. GQ Cable Section will be transferred from "K" Corps Signal Company (I Anzac Corps) to Fifth Army (XVIII Corps)
2. GQ Cable Section will march from PONT NOYELLES to ACHINT-LE-GRAND on the 3rd and 4th July, 1917, in accordance with the attached march table.
3. The Section will move from PONT NOYELLES with rations for the 3rd July only. Subsequent <sup>ration</sup> arrangements are given in attached table.
4. Detailed orders as to entrainment will be issued later.
5. ACKNOWLEDGE.

*R. R. Bell*  
Lieut. Col. R.A.,

A.D.SIGNALS, I ANZAC CORPS.

Issued at 1 p.m.

Distribution:

- Copy No.1 O.C. "K" Corps Signal Co.  
" No.2 I Anzac Corps, "G".  
" No.3 A.D.Signals, V Corps.  
" No.4. D. D. Signals, Third Army.  
" No.5 War Diary.  
" No.6. File.



Move of GQ CABLE SECTION from I Anzac Corps  
to XVIII Corps, Fifth Army.

Date	From	To.	Remarks.
3rd July.	Pont Noyelles	Wolfe Huts.	To be rationed by Anzac C.T.S.C. at Wolfe Huts with rations for 4th July.
4th July.	Wolfe Huts.	Achiet-le-Grand. Report to Town Major, Achiet, for billets.	To be rationed by V Corps C.T.S.C. at Achiet with rations for 5th July and till day following detrain- ment. Delivery of rations to be arranged by V Corps Signals.
5th July.	Achiet-le-Grand.	Train.	Entrains 5th July.

Ration strength ... Officers and men 32.

Horses 28.



"A" Form.

(in pads of 25)  
 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.	<i>Approved</i> (Signature of "Franking Officer.")	From	in 3
			To			By	
			By				

TO

DD SIGS 3rd Army  
1 Army Air Corps

Sender's Number.	Day of Month.	In reply to Number.	AAA
* R P 176	3 v d		

G. W.	Cable	Section left	this
Morning			

From	ADD signals	1
Place		Anyac
Time	(7)	

*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.

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A. D. SIGNALS,

CORPS.

No. 1 233/4

Date

"G".

I Anzac Corps.  
-----Appendix 4.

1. I beg to draw attention to the difficulties which will be experienced by Divisional Signal Companies and Signal Sub-sections of Army Artillery in regard to transport by reason of the reorganization which has recently taken place.

2. Wireless Sections.

The formation of these sections adds considerably to the technical equipment of a divisional signal company, which has already greatly increased of late, and is continuing to increase. Existing transport is inadequate.

The new scale of instruments authorized for the Divisional Wireless Section, will as far as can be ascertained, total about two tons in weight (vide attached table), and some provision for transport of the same is essential. I recommend that either -

(a) A 3-ton lorry be added to the establishment of a divisional signal company.

or

(b) that the existing 30-cwt lorry on the establishment of a divisional signal company be exchanged for a 3-ton lorry, and that a 15-cwt box car be added to the establishment of the unit.

Suggestion (b) is considered preferable as

(i) a box car does not shake up the more delicate wireless instruments and accumulators nearly so much as a lorry or horse transport.

(ii) a box car can generally be taken further forward than a lorry, and over roads which a lorry cannot travel.

/(iii)



(iii) it provides the Divisional Signal Company with a vehicle in which a small number of men and stores can be sent forward rapidly, a need which is much felt at present.

(iv) many journeys could be performed by box-car which at present have to be done by lorry, and an economy thereby effected.

3. Signal Sub-sections for Field Artillery Brigades.

No transport has been provided for these sub-sections. They have been equipped with a number of technical stores including magneto switch units, buzzer switch units, magneto telephones, daylight signalling lamps, all of which are heavy. Fullerphones are also likely to be issued in the near future.

The telephone wagon with which each sub-section is equipped is only capable of carrying the small technical stores appertaining to the wagon. There is also to be considered the question of carrying rations for the men and horses of the sub-section.

For the transport of all the above, the Sub-section is entirely dependent upon such space as may be available in the vehicles of the Artillery Brigade, which is an unsatisfactory arrangement. It is desirable that every signal unit should be able to carry its own stores etc., and I recommend that a wagon limbered G.S., with two horses and driver be added to the transport authorized for each Signal Sub-section F.A. Brigade.

Lieut, Colonel, R.A.

A.D. SIGNALS, I ANZAC CORPS.

July 3rd,

1917.



TABLE OF WEIGHTS OF WIRELESS EQUIPMENT  
FOR A DIVISIONAL WIRELESS SECTION.

\*\*\*\*\*

12 "Ground Antennae" Sets.

(each with 2 spare accumulators) ... 1032 lbs.

5 "Loop" Sets (Front)

(each with 4 spare accumulators) ... 570 "

5 "Loop" Sets (rear)

(each with 4 spare accumulators) ... 645 "

3 Trench Sets

(each with two spare battery boxes).. 393 "

4 Amplifiers L.F.

(each with two spare battery boxes).. 644 "

6 Power Buzzers

(each with two spare battery boxes).. 660 "

Miscellaneous stores, spares, acid, grease,

earth pins, P.B. Cable, etc., ... ...about 400 "

---

4,344 lbs.

---



*Spair*

D.D. Signals Third Army.

-----

*Appendix 5*

There are a few stores formerly held on charge by H.A. Head Quarters and groups and F.A. Brigades which have been transferred to the recently formed Signal Units.

These are not included in the vocabulary of Signal Stores (France), and are presumably still Ordnance Supply.

I suggest that they should be made Signal Park Supply.

Examples are:-

Bar, carrying drum, Telephone wagon.

Drums, cable, Telephone wagon.

Implements inserting cable.

Pouches, Telephone Equipment.

Screens, Telephone.

Boxes, spare cell, small and large.

*Q2*

Lieut. Col, R.A.

A.D. SIGNALS, I A.N.Z.A.C.

July 3rd,

1917.



"A" FORM.  
**MESSAGES AND SIGNALS.**

No. of Message.....

Prefix .....	Code .....	m.	Words	Charge	This message is on a/c of:	Recd. at .....	m.
Office of Origin and Service Instructions.						Date .....	
			Sent		..... Service.		
			At .....		Appendix 5A	From .....	
			To .....				
			By .....			By .....	
					(Signature of "Franking Officer.")		

TO {	1st 5th Aust Divs	OC	K Signal Co
------	-------------------	----	-------------

Sender's Number. * RP 190	Day of Month. 8	In reply to Number.	A A A
------------------------------	--------------------	---------------------	-------

Vacancies for	Power	Buys	Course
Commencing	July	9th	allotted
as follows	aaa	1st ADio 6	
2nd ADio	12	AAA	Candidates
to report	Corps	Wireless	offr
Henceforth	by 6 pm	on	8th

From	A. D. Lyall, Aifac		
Place			
Time			

The above may be forwarded as now corrected.

Censor.	(Z) R. L. Powell
---------	---------------------

\* This line should be erased if not required.

925,000. W 14042-M 44, H. W & V., Ltd. 12/15.



"A"

## MESSAGES AND SIGNALS.

No. of Message .....

Prefix .....	Code .....	m.	Words	Charge	This message is on a/c of:	Recd. at .....	m.
Office of Origin and Service Instructions.						Date .....	
			Sent		Service.		
			At .....		Appendix 6		From .....
			To .....				
			By .....				
					(Signature of "Franking Officer.")		By .....

TO {

A D Lips 3 Army

Sender's Number.	Day of Month.	In reply to Number.	A A A
* R P 209	11		

5 Aust Dns Say  
 they do not require  
 any person classes after  
 one terminating on 19th  
 inst AAA Many thanks  
 for your assistance with  
 these classes

From A D Lips  
 Place A D  
 Time A D

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.

225,000. W 14042-M 44. H. W &amp; V., Ltd. 12/15.



## MESSAGES AND SIGNALS

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

TO

Sender's Number.

Day of Month.

In reply to Number.

\* P P 205

11th

A A A

There will be no  
Power Buffer course next  
week or till further  
notice

From

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.

225,000. W 14042-M 44. H. W. &amp; V., Ltd. 12/15.



**"C" Form**  
**MESSAGES AND SIGNALS.**

Army Form C. 2123.  
(In books of 100.)

No. of Message **M 1**

Prefix <b>L</b>	Code <b>L</b>	Words <b>L</b>	Received From <b>Call</b>	Sent, or sent out At <b>1</b> m.	Charges Stamp <b>AUG 18 VII 17</b> <b>TELEGRAPHS</b>
Charges to collect			By <b>Call</b>	To	By
Service Instructions.			Handed in at <b>Call</b> Office <b>1157</b> m. Received <b>12-15</b> m.		

TO **AD Signals 1st ANZAC Corps**

Sender's Number <b>61952</b>	Day of Month <b>12</b>	In reply to Number	<b>AAA</b>
---------------------------------	---------------------------	--------------------	------------

The following transfer will date	from today	aaa	2/1LT G
A	BLACKWELL from	3rd	army
Signal Co	to	K	Corps
Signal Co	for	1st	ANZAC
Corps School	aaa	addsd	AD
Signals 1st	ANZAC Corps	and	
3rd army	Signal Co		

War Diary

FROM **AD Signals 3rd army**

PLACE & TIME

\* This line should be erased if not required.  
(B 8188) Wt. w. 7496-M857 200,000 Pads. 1/17 H&S (F489.) Forms/C.2123/3.



RCDIG1005909



Army Form C, 1922.

(In pads of 50 dupls.)

"C" Form (Duplicate).

MESSAGES AND SIGNALS.

No. of Messages *2* R.M.F.

Office Stamp *AUG 19 1918*

Charges to Pay. £ s. d.

Service Instructions.

Handed in at *base*

TO *CD*

*Sorel - le - Grand*

*Fins*



Form (Duplicate). Army Form C. 2123.  
MESSAGES AND SIGNALS. No. of Message.....

Charges to Pay. Office Stamp.  
£ s. d.

Service Instructions.

Handed in at bar Office 1037a Received 1038a

TO AD Signals 1st Anzac

Sender's Number Day of Month In reply to Number AAA  
61970 19

Ref	my	61968	d	18th
inst	29th	A	A	MORGAN
will	be	transferred to		K
Corps	Signal Co			

Transferred 19/7/17 Appendix 9

FROM AD Signals  
PLACE & TIME Third Army

W 15660 M/151. 75,000 Pads. McC. & Co., Ltd., London. 1/16. Forms/C.2123.



**"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:  .....Service.  (Signature of "Franking Officer")	Recd. at.....m.
Office of Origin and Service Instructions	Sent			Date.....
.....	At.....m.			From.....
.....	To.....			By.....
.....	By.....			

TO

Commandant  
1 Anyac Corps School

Sender's Number.	Day of Month.	In reply to Number.	AAA
* RP 223	19		

256	AA	MORGAN	from
40	Div	Sig	<del>Blackwell</del> Coy
will	Report	at	1 Anyac Corps
School	today	for	duty as
Instructor	Corps	Signal	
School	Vice	Farrow	AAA
please	inform	Blackwell	

From	A. D. Lynskey		
Place	1 Anyac		
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.



**"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:  ..... Service.	Recd. at.....m.
Office of Origin and Service Instructions			Sent			Date.....
			At.....m.		(Signature of "Franking Officer")	From.....
			To.....			By.....
			By.....			

TO {

2 to Lipo 3 Army

Sender's Number. * RP 224	Day of Month. 19	In reply to Number. C 1970	AAA
------------------------------	---------------------	-------------------------------	-----

Noted AAA have arranged  
transport for Morgan  
today and informed Lipo  
40 Div AAA propose  
transfer should date  
today

From	A to Lipo 1 Army		
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.



"C" Form (Duplicate).  
MESSAGES AND SIGNALS.

Army Form C. 2123.  
(In books of 50's in duplicate.)

No. of Message *63*

<i>Q. 5/14/14</i> <i>Camp</i> <i>WA</i>		Charges to Pay.		Office Stamp.
		£	s. d.	
Service Instructions.				
Handed in at <i>6.15</i>		Office <i>2.55</i> m.		Received <i>1.15</i> m.
TO	<i>AD Signals 1st Anzac Corps</i>			
Sender's Number	Day of Month	In reply to Number	A A A	
<i>6 1946</i>	<i>19k</i>	<i>RT 2124</i>		

*Right*

FROM

PLACE & TIME

*AD Signals*  
*Third Army*



W 15660 M/151. 75,000 Pads. McC. & Co., Ltd., London. 1/16. Forms/C.2123.



A. D. SIGNALS,	
1st Aug 17 CORPS.	
No.	T 187/7/.
Date	20/7/17.

Appendix 11

D.D. Signals,

Third Army.  
-----

With reference to D. Signals Letter/R.770 of 16/7/17

1. The following apparent errors in the correspondence are observed :-

(A) Table to Appendix A.

Should not Signallers A  
Signallers B  
Signallers D  
read Telegraphists A,B, and D.?

(b) Last page Table A.

Should not first para of Centre Column "Corps, Army, G.H.Q. etc," read "Telegraphists office with Corps, Army, G.H.Q. etc."?

(c) Page 2 of Table B.

Centre Column - last 2 lines should not notes (a) and (b) "From Army W/T Co" read "of Corps Wireless Section".

2. The general scheme proposed is concurred in, subject to the observations enumerated below.

3. Table A. Field Lineman.

It is considered unnecessary to train Field Linemen for Infantry Brigade Sections in Semi-permanent, Elementary, Permanent line work and Poled multi-cable but they should be trained in visual and buzzer work.

Training of all Field Linemen should include Leading into and fitting up small offices and jointing multi-core-cables.

Permanent Linemen.

The object of dividing the trades of Permanent Linemen into 4 categories, i.e. C.L.A. P.L.B, Wireman A and Wireman B is not clear, unless this is for purposes of training reinforcements only. That is, it is presumed there will not be 4 separate trades for purposes of Engineer Pay, otherwise an obvious injustice would occur.

It is considered that all Permanent Linemen and Wiremen for A.L. Sections should be trained in Air Line and Comic, also in jointing multi-cables and buried cable work. They frequently have to be employed on the latter.



2.

3. Pioneer.  
contd.

Agreed as regards Corps Signal Company provided these men are not selected from "Duds" who are likely to be unsuitable for technical training after joining their units.

Telegraphists A.

Not clear what training of Brigade Section Pioneers now comprises.

Telegraphists A for H.A. Group Sub-Sections need not be trained in riding.

Telegraphists B) agree.  
" C)

Telegraphists D. Not a high enough standard for the whole of the 18 Operators with a Divisional Wireless Section. At least 9 should be telegraphists E.

Telegraphists E. agree.

4. It is noted that there is no provision for training Field or Permanent Linemen in Instruments. Is it intended to omit this item entirely from the qualification sheet for these trades in future?

5. Appendix to Table 'A'

No remarks except that R.A. Officers seconded for Signal Service should be trained in all the same subjects as other Signal Service Officers. They should be qualified as "General Signal Service".

6. Table B.(a) Signal Section Corps H.A.

<u>Present Trades.</u>			<u>To be replaced by</u>
Telegraphists	P.L.	2.	2 Permanent Linemen A.
Air Line Hands		6.	( 3 Telegraphists A.
Signaller Linemen		2.	( 1 Pioneer.
G.D. Pioneers		8.	( 12 Field Linemen Dismounted.
Telegraphists Office		4.	4 Telegraphists C.

-----  
This raises another point, i.e. when these sections get their cable wagons, will not a certain number of mounted men and horses be necessary. If so a proportion of the 12 F.L. dismounted should be F.L. mounted.

Can this question be raised?

(b) Signal Sub-Section for H.A.G.

<u>Present Trades.</u>	<u>To be replaced by</u>
Telegraphists P.L.	2. 2 Permanent Linemen A.



6.  
contd.

Present Trades.

To be replaced by.

Air Line Hands	2.	(	4 Telegraphists A.
Signaller Linemen	16.	(	14 Field Linemen Dismounted.

It is very desirable that at least the Commander of the Telephone wagon should be mounted (as in the case of a F.A. Bde. Sub-Section.)

Can this question be raised.?

(c) Airline Section.

Present Trades.

To be replaced by

Telegraphists P.L.	14	(	16 Permanent Linemen A.
Air Line Hands	11	(	17 Wiremen A.
G.D. Pioneers	8		
Telegraphists Office	8		8 Telegraphists C.

See remarks above as to training of Permanent Linemen.

I am still of opinion that the 8 office telegraphists of an A.L. Section withdrawn from the Section and added to the establishment of the Signal Company to which the section is normally attached.

(d) Cable Section

Present Trade.

To be replaced by

Cable Hnads	10	(	4 Field Linemen Dismounted
G.D. Pioneers	4	(	10 Field Linemen Mounted.
Telegraphists Office	4		4 Telegraphists C.

(e) Corps Signal Company.

Present Trade.

To be replacedby

Telegraphists P.L.	6		6 Permanent Linemen A.
Airline Hands	6		6 Telegraphists A.
			(not trained in riding)
Operators W/T	8		8 Telegraphists E.
Linemen	5		5 Field Linemen Dismounted
G.D. Pioneers	10		10 Pioneers.

6 Telegraphists A. are suggested as it is very desirable to have at least a few men in a Corps Signal Company trained in visual Signalling, and these would also be useful to operate additional fullerphone circuits on emergency.

7.

Divisional Signal Company and Signal  
Sub-Sections F.A. Brigades.

The proposals hardly concern these units in this Corps, as there are no 'trades' or Engineer Pay in the A.I.F.

The question of training reinforcements for these units is however affected and the remarks made in para 2 above (where they affect Divisional units) apply to A.I.F. personnel.

Two points have been emphasized to me :-

(a) That the present number of office Telegraphists in a Divisional Signal Company is insufficient, especially in view of probable Wireless requirements in future.



4.

7  
contd.

(b) That all men in an Infantry Brigade Section must be "all-round-men" and trained in Cable, buried cable, visual, and buzzing.

The majority will require Wireless training also.

The following revised scales of trades have been suggested in lieu of those shewn on Table B.  
Division Signal Company.

4 Permanent Linemen A.  
4 Wiremen A  
24 Field Linemen Mounted  
30 Field Linemen Dismounted.  
36 Telegraphists B.  
38 Telegraphists D.  
9 Telegraphists E.

F.A. Brigade Sub-Section.

3 Field Linemen Mounted.  
12 Telegraphists A.

-----

I submit the above suggestions, but regret owing to the short time available I have not been able to go as thoroughly into the question as I should have liked.

20th. July,  
1917.

Lieut. Col, R.A.  
A.D. SIGNALS, I. A.N.Z.A.C.



SECRET

Copy No.....

## 15th AUSTRALIAN INFANTRY BRIGADE ORDER No. 2.

*Appendix 12*Ref. TRENCH MAP "Q"  
1/5000

23rd July 1917

1. On the 24th July 1917, at 10.30 a.m. the 15th Australian Infantry Brigade will attack and capture that part of the enemy trench system shown on attached map (Appendix "A") in conjunction with similar attacks on either flank.
2. (a) The position to be assaulted will be subjected to an intense and systematic artillery bombardment for 48 hours prior to the day of the attack.
- (b) Artillery orders, covering the action of both the Heavy and Field Artillery, as well as Medium Trench Mortars and Liaison arrangements, will be issued separately.
- (c) Two barrages will cover the advance of the Infantry as under:-
  - (i) 10.30 a.m. Barrage on enemy front line and first objective.  
 10.47 a.m. Barrage concentrates on first objective.  
 11. 7 a.m. Barrage lifts 300 yards.  
 11.27 a.m. Barrage lifts to final objective.  
 11.57 a.m. Barrage lifts 300 yards and continues until further orders.
  - (ii) 10.30 a.m. Shrapnel barrage 100 yards in front of jumping off trench.  
 10.34 a.m. Barrage lifts 100 yards.  
 10.38 a.m. do.  
 10.42 a.m. do.  
 10.47 a.m. Barrage lifts to first objective.  
 11. 7 a.m. Barrage lifts 100 yards.  
 11.17 a.m. do.  
 11.22 a.m. do.  
 11.27 a.m. do.  
 11.32 a.m. do.  
 11.37 a.m. do.  
 11.42 a.m. do.  
 11.47 a.m. Barrage lifts to final objective.  
 11.57 a.m. Barrage lifts 150 yards and continues until further orders.
3. The 59th and 60th Battalions will deliver the attack with the 57th and 58th Battalions in reserve. Each of the attacking battalions will assemble in the present front line (which will be the "jumping off" trench) and will advance in two waves of two lines each with 20 yards between lines and 75 yards between waves. Two companies from each battalion will be in each wave. The first wave will take and consolidate the first objective, and will be followed by "moppers up" who will clean up the present enemy front line trench. The second wave will pass over the first objective and similarly take and consolidate the second objective, leaving strong parties of "moppers up" to deal with dug-outs in BAUMONT HAMEL. The dividing line between battalions is as shown in Appendix "A". The reserve Battalions will be formed up in our present support trench.



4. (a). The Advanced Brigade Headquarters will be at THE BOWERY (Q.3.d.7.6).
- (b). The Advanced Battalion Headquarters of both the 59th and 60th Battalions will be in our present support trench.
5. Forward dumps of ammunition, water, rations, R.E. stores, etc. will be formed in accordance with Appendix B. These dumps are to be complete by midnight 23/24th inst. The 58th Battalion will detail the necessary parties for forming these dumps under the orders of the Brigade Bombing Officer.
6. The 57th Battalion will detail one platoon to each of the assaulting companies for carrying forward to the captured positions from the dumps mentioned in para. 5. The Platoon Commanders concerned will report for their orders to the O's.C. 59th and 60th Battalions immediately on receipt of this order.
7. The troops will be in fighting order and will carry one day's ration in addition to the iron ration, also two sandbags, four bombs, and one bandolier per man. 170 rounds S.A.A. will be carried in the pouches. Four men in each platoon will also carry flares for keeping communication with contact aeroplanes.
8. All communications will be in accordance with Appendix C. All communication personnel must be provided with distinguishing colour patches as laid down in S.S. 135 (Training of Divisions for Offensive Action).
9. (a) Two guns of the 15th Australian Machine Gun Company will be allotted to each of the 59th and 60th Battalions, and will go forward under the orders of the Battalion Commanders concerned when the objectives are consolidated.
- (b) The remaining guns will be disposed in accordance with Appendix A. Time Table for firing will be issued separately.
10. (a) Two Stokes Mortars will be allotted to each of the 59th and 60th Battalions but will not go forward until the objectives are consolidated and the position cleared up, or in case any unexpected resistance from strong points or M.G. positions is met with, and then only upon the orders of the Battalion Commanders concerned.
- (b) The remaining Stokes Mortars will be kept in Brigade reserve at THE BOWERY.
11. The 57th Battalion will detail one platoon to act as escort for prisoners, who must be sent as quickly as possible to Brigade Headquarters, where the escort will be stationed from midnight 23/24th inst.
12. Assaulting Battalions will arrange for advanced R.A.P's., from which men will be evacuated to the Advanced Dressing Station at Q.4.c.5.7.
13. The 58th Battalion will detail two parties each of 3 men for duty on Battle Control Posts, the location of which will be notified later.



14. All watches will be synchronized through the Brigade Signal Office at midnight 23/24th inst., and thereafter at every clock hour.

15. A C K N O W L E D G E.

*[Signature]*  
Captain,  
Brigade Major,  
15th Aust. Inf. Bde.

Issued at

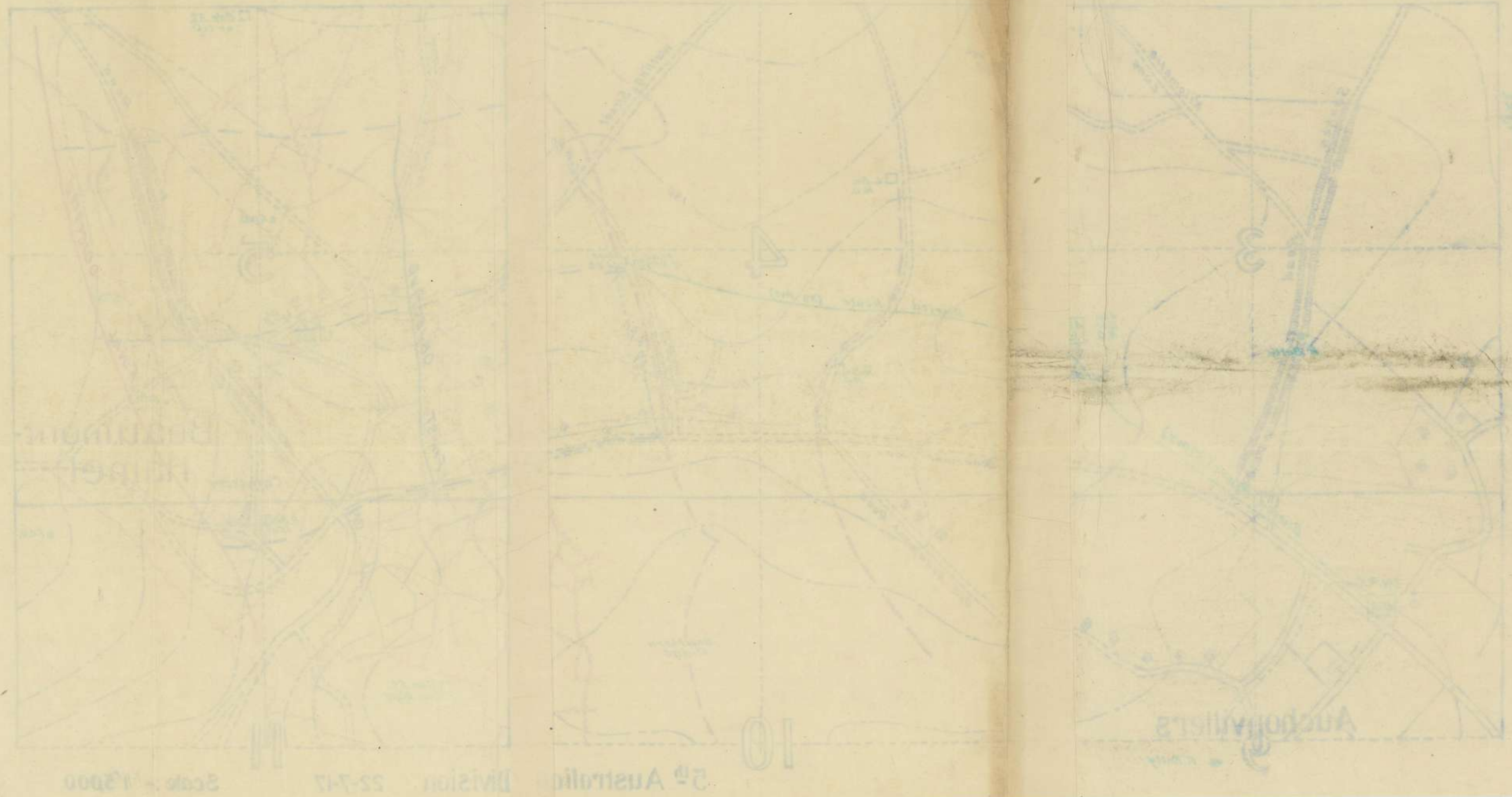
<u>To</u>	<u>Copy No.</u>
57th Bn.	1
58th Bn.	2
59th Bn.	3
60th Bn.	4
15th M.G. Co.	5
15th L.T.M.B.	6
Bde. Sig. Officer	7

<u>Copies to</u>	
B.G.C. 15th A.I. Bde.	8
5th Aust. Div.	9
Left Brigade	10
Right Brigade	11
Nth. F.A. Bde.	12
No. X Squadron R.F.C.	13
Bde. Supply Officer	14
A.D.M.S.	15
A.P.M.	16
No. 001 M.T. Battery	17
Staff Captain	18
War Diary	19-20
File	21











## SIGNAL COMMUNICATIONS.

1. (a) The Brigade Forward Station will be established at Q.5.C.8-6.  
(b) Two complete circuits will be laid connecting Advanced Brigade Headquarters (THE BOWERY) from the head of the buried cable to the Brigade Forward Station.  
(c) In order to assist the Brigade Signal Section to man the Brigade Forward Station, the 58th Battalion will detail the Battalion Signalling Officer and 20 regimental and company signallers under arrangements to be made direct with the Brigade Signal Officer.
2. The Central Visual Reading Station will be established at Q.2.B.Central and will be in touch with Advanced Brigade Headquarters at THE BOWERY and with the Brigade Forward Station. Battalion Forward Command Posts and F.O.O's will use every endeavour to keep in touch by visual with these stations.
3. Runner routes from Advanced Brigade Headquarters will be straight across the open to the head of the buried system. From there forward runners will proceed to Q.5.C.1-8 where a relay post will be established by the Brigade Signal Officer. From this relay post runners will proceed to the Brigade Forward Station from where all messages will be delivered to Battalion Forward Command Posts.
4. The Aeroplane will be in position to receive ground signals at 11.0 a.m. and will remain up until capture of final objective is completed. Flares should be lit by the most advanced troops at 11.7 a.m. and 11.57 a.m.
5. Command Posts have been selected as hereunder.
  - (a) 59th Battalion at Q.11.A.95-90 with Code letter "C" for communication with aircraft.
  - (b) 60th Battalion at Q.5.C.85-65 with Code letter "D" for communication with aircraft.
6. During the attack the position of the front line will be signalled by means of ground flares as in para.4.
7. (a) A buried cable system exists from Advanced Brigade Headquarters to our support trench at Q.4.D.5-9. From this latter point lines will be run to Brigade Forward Station and Battalion Command Posts.  
(b) Visual signalling and runners are available as mentioned in paras. 2 and 3.  
(c) Pigeons and Power Buzzers (vide para.8) will go forward with assaulting Battalions.  
(d) Wireless will be available as detailed in para. 9.  
(e) Communication can also be made with aeroplanes as in para 4.
8. A Power Buzzer will be established at each of the 59th and 60th Battalions Forward Command Posts and will work back to an amplifier which will be in position at the head of the buried cable.



- 3
- 49
9. (a) A Wireless set will be established at Advanced Brigade Headquarters in touch with the Distributing Station. A Reserve Set will also be at Advanced Brigade Headquarters available to go forward if necessary.
- (b) The 57th Battalion will detail 1 officer and 6 men under arrangements to be made direct with the Brigade Signal Officer as a carrying party in case the wireless set has to be moved. The officer - who should be the Battalion Intelligence Officer - will encode or encypher any message authorized for transmission by wireless.
10. As detailed in Artillery instructions (issued separately) two Forward Observation Officers have been allotted to each of the assaulting Battalions. These officers will go forward in rear of the attacking Infantry to their selected Observation Posts from where they will send runners and lay a metallic circuit to the Brigade Forward Station via the 60th Battalion Command Post. Visual touch will also be established with Battery or Group Headquarters and the Central Visual Reading Station.



Appendix 13

DEMONSTRATION OF FORWARD INTER-COMMUNICATION IN BATTLE  
AS LAID DOWN IN G.H.Q. PAMPHLET S.S.148.  
=====

(Abbreviations :- B.F.S. = Brigade Forward Station.  
Bn. F.C.P. = Battalion Forward Command Post.  
P.B. = Power Buzzer. )  
-----

Tactical  
Scheme.

The tactical scheme is that of an attack carried out by a Brigade with two Battalions in line from an organised trench system.

It is assumed that there has been ample time for the preparation of communication prior to the attack. It is also assumed that in addition to the Brigade actually attacking north of and parallel to the AUCHONVILLERS-BEAUMONT HAMEL Road, the Division has another Brigade attacking south of this road on a similar frontage.

Commun-  
ications  
prior to  
the attack

Divisional Report Centre is situated at the cross roads AUCHONVILLERS, whence a buried route (imaginary and represented by a tape) of 32 pairs of cables runs via the BOWERY (Q.3.D.) up the centre of the Brigade Sector to our front line where the cables terminate in a dug-out known as "Cable Head". Advanced Brigade H.Q. has been selected at the BOWERY as being convenient to the buried route for communication purposes. From Advanced Brigade H.Q. the usual buried communications to Division, Battalions of Brigade, Brigades on flank Supporting Artillery etc, are assumed, the following circuits being actually run by ground cable for the scheme :-

Divisional Report Centre.  
Supporting Artillery Group.  
2 Circuits to Cable Head for extending.  
1 Circuit to Cable Head for messages.  
Right Battalion in line.  
Left Battalion in line.

The latter 2 are taken via the buried route to a test dug-out in the support line whence they branch outwards (buried) to the <sup>two</sup> 2 Bn. H.Q. in this line. From each Bn. H.Q. circuits are actually run to the <sup>two</sup> 2 Company H.Qs. in



## 2.

the front line, the remaining usual circuits from each Bn. H.Q. being assumed. The Battalion-Company circuits would be in trenches or via the buried route (probably both as alternatives).

On the Bde-Bn and Bn.-Coy. circuits Fuller-phones are installed to prevent the danger of over-hearing.

A trench Wireless set manned by the Divisional Wireless Section is established at Advanced Bde. H.Q. working back to the Corps Directing Station in rear (imaginary).

A Divisional Central Visual Station is established at point 161 (Q.2.B.) which is prepared to read messages from any Visual Station in the Divisional sector which it can pick up, either previous to, during, or after the attack, as may be required.

Preparation  
for  
attack.

The communications designed for the attack are exactly as laid down in Sections II and III of S.S.148. The parties and equipment have been told off as therein detailed, each man has been instructed in his own particular job, exactly what he has to carry and what he has to do, and the ground has been reconnoitered.

The 'reinforcements' mentioned in Section II C. consist of 2 Amplifiers and 4 P.Bs. (earth induction sets) with the necessary Wireless personnel and carrying parties, also 1 trench Wireless Set at Advanced Bde. H.Q. (additional to that established) packed up and ready to go forward with the necessary operators and carrying party (last para page 21 S.S.148) should the situation later admit.

1 P.B. and Amplifier are set up near Cable Head in the front line, 1 P.B. and 1 Amplifier to accompany detachment A. of the Bde Fwd. party, 1 P.B. is allotted to the Right Bn. Fwd. party and 1 P.B. to the Right Company of the Left Bn.



## 3.

The site for the B.F.S. has been selected prior to the attack at about Q.5.C.7.5. As will be seen it is fairly easy to identify, and about half way between the old German front line and the final objective east of BEAUMONT HAMEL. Being in a ruined village some cover may be expected and being near the top of the hill it will obviously be a good visual station, affording cover from view working to the rear and flanks.

The F.C.P. of the left Bn. has been selected alongside the Brigade Fwd. Stn; that of the right Bn. in the QUARRY (Q.11.A.9.9.)

4 F.O.O's have been detailed to go forward in rear of the attacking Infantry and their observation posts have been selected as follows :-

1. On the high ground just east of the Quarry (Rt. Bn. C.P.)
2. On the western slope of the high ground (Q.5.D.)
1. About Q.5.C.8.8.

A supernumerary <sup>Signal</sup> Officer has been detailed to assist the Brigade Signal Officer and go forward with the Bde. Fwd. party.

Prior to the attack Cable Head is manned as a Telephone station where messages can be received <sup>after the attack</sup> by runner or Amplifier and transmitted by the buried route to the rear.

All parties to go forward are assembled ready to move with the attacking Infantry.

A reserve of Signal Personnel and runners has been collected at Adv. Bde. H.Q.

Communications during the attack.

Detachment 'A' of the Brigade Fwd. party has followed the last wave of attacking Infantry (moving in depth) and established the office and Signal station at the B.F.S. then started to lay a circuit back towards detachment 'B'.

Detachment 'B' has laid 2 circuits forward from from Cable Head to B.F.S. 1 for Artillery and 1 for Infantry



## 4.

dropping a relay post with 2 runners and 2 linemen in the old German front line.

On completion of these 2 circuits from Cable Head to the Bde. Fwd. Stn. The Bde. Fwd. party has laid a circuit to the Bde. Fwd. Stn. on the right and a circuit has been laid from the Bde. Fwd. Stn. on the left.

Earth induction working "Up and Down" has been established between the Bde. Fwd. Stn. and Cable Head.

At the same time the <sup>two</sup> 2 Bn. Fwd. parties moving forward with the attacking Infantry have established the B.F.C.P. The right Bn. Fwd. party has run a circuit back from the battalion F.C.P. to the Bde. Fwd. Stn.

The F.C.P. of the left Bn. having been established alongside the Bde. Fwd. Stn the forward party of the Bn. has had little to do, and could combine with and assist the Bde. Fwd. party, a great advantage as regards Signal personnel

A P.B. has been established at the right Bn. F.C.P. working to the Amplifier at Bde Fwd. Stn or Cable Head.

The 4 F.O.O's moving independently have gone forward and established their O.P's and the party with each has run a circuit back to the Bde. Fwd. Stn, the circuits from the 2 F.O.O's on the right being taken through the right Bn. F.C.P.

The P.B. with the Company of the left Bn. has established working with the Amplifier at Bde. Fwd. Stn.

The usual runner routes have been established and relay posts established.

Owing to the favourable nature of the ground for visual signalling the following visual routes have been established and are available for use as a supplementary or alternative means of communication (front to rear).



5.

Adv. Bde. H.Q. to Central Visual Station.

Bde. Fwd. Stn.)	"	Adv. Bde. H.Q.
and Left Bn. )		Central Visual Station.
F.C.P. )		B.F.S. on right.
		B.F.S. on left.

Right Bn. F.C.P.	"	Bde. Fwd. Stn.
		Central Visual Station

Each Company in front line.	"	Its own Bn. F.C.P.
--------------------------------	---	--------------------

F.O.O. on right	"	Arty. Group Visual Station.
-----------------	---	-----------------------------

" on right centre.	"	Right Bn. F.C.P.
-----------------------	---	------------------

" on left centre.	"	Bde. Fwd. Stn
----------------------	---	---------------

" on left.	"	Own Battery.
------------	---	--------------

Pigeon stations have been taken forward with the Bde. Fwd. party, each Bn. Fwd. party and the left attacking Company.

It will thus be seen that all the means of transmission given in Section IV S.S.148 have been provided.

It is assumed that Bde and Bn. H.Qs, have not moved forward from their original H.Q. in our own lines.



3  
SECRET.

ORDERS BY A.D.SIGNALS

I ANZAC CORPS, No.2

55  
Appendix No 14  
8.  
Copy No.....  
Appendix 14  
1st Anzac Corps Headquarters,  
24th July, 1917.

1. 1st Anzac Corps H.Q. moves from QUERRIEU to HAZEBRUCK on 26th July on transfer from Third Army to Second Army.
2. AUO Signal Office will close at QUERRIEU and open at HAZEBRUCK at 8 a.m. on 26th July. O.C. "K" Signal Company will arrange for telegraph and telephone circuits from new AUO office to BAR and for local telephone connections from new AUO.
3. O.C. "K" Signal Company will arrange to leave sufficient personnel to maintain a Signal Office and telephone exchange at QUERRIEU until the 1st and 5th Australian Divisions have closed their headquarters in this area. The call of the office at QUERRIEU will become QRU at 8 a.m. on 26th July.
4. When AUO office closes, telegraph traffic between CAR (and beyond) and AYA, and between CAR (and beyond) and AYE, will be transmitted through QRU office. D.R.L.S. traffic (except S.D.R.) between the above offices will also circulate via QRU office. O.C. "K" Signal Company will arrange necessary D.R.L.S. Time Table and furnish copy to this office.
5. The actual dates and times at which AYA and AYE offices will close in this area and open in their new positions will be notified later.
6. AQA office closes at RAINCHEVAL at 8 a.m. on 26th July and opens at CAMPAGNE on arrival of headquarters Corps Heavy Artillery at the latter place. O.C. "K" Signal Company will arrange necessary circuit from new AUO.
7. O.C. "K" Signal Company will arrange to keep the Anzac Telephone Exchange at ALBERT open until all Anzac units (except Corps School) at present connected to this exchange have left for the new area.

Arrangements are being made for the transfer of the Corps School circuit to CAR Exchange.



- 2 -

8. "K" Signal Company (less personnel detailed under paras. 4 and 7) will move to HAZEBRUCK by road on 26th July in accordance with orders already issued.

9. ACKNOWLEDGE.

*R. M. Powell*

Lieut. Colonel, R.A.,

A.D.SIGNALS, I ANZAC CORPS.

Distribution:-

O.C. "K" Corps Signal Company copy	No.1.
O.C. 1st Aust. Div. Signal Co.	" No.2.
O.C. 2nd Aust. Div. Signal Co.	" No.3.
O.C. 5th Aust. Div. Signal Co.	" No.4.
D. D. Signals, Third Army	" No.5.
I Anzac Corps "G".	" No.6.
I Anzac Corps "Q".	" No.7.
War Diary	" No.8. ✓
D.D. Signals, Second Army	" No.9.



[illegible]



Appendix No 12

Central Div





Forms C/2121/11.



## Appendix No 16

**"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:  ..... Service.  <i>Appendix 16</i> (Signature of "Franking Officer")	Reed. at.....m.
Office of Origin and Service instructions			Sent			Date.....
			At.....m.			From.....
			To.....			By.....
			By.....			
TO		1 Army G 1 Army Q OC K Signal Co DD SIGS 3 Army				SIGS AYE SIGS AYB SIGS AYA
Sender's number.		Day of Month.		In reply to Number.		AAA
* RP 240		25				

Amendment	AD	Signals	
Order No	2	of	24th
List	AAA	in	para 6
for	CAMPAGNE	Lead	ARQUES
AAA	addressed	all	<del>initialed</del>
Concerned			

From	<i>A D Signals</i>	
Place	<i>1 Army</i>	
Time	<i>Rumour</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.

(-328). Wt W12093/M1217. 150,000 Pads. 1/17. (E764). H. C. & L., Ltd.

Forms C/2121/11.



Appendix No 17

**"A" Form**  
**MESSAGES AND SIGNALS.**

Army Form C. 21-1  
(in Pads of 100).

No. of Message.....

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

TO

DD Sigs 2 Army

Sender's Number.

Day of Month.

In reply to Number.

A A A

\* RP 242

26

Following Units arrived today

AAA	K	Signal Co	(OC
Major	G H P	Boyle	Leaforth (Hqrs)
including Wireless and			HA
Signal	Sections	also	W 18
AL	Section	(OC	Lieut S M
Humbert	M C	RE)	AAA Some
details of K Sig Co			follow later

From

Place

Time

AD Sigs also

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.



Forms C/2121/11.



**"A" Form**  
**MESSAGES AND SIGNALS.**

Army Form C. 21-1  
(in Pads of 100).

No. of Message.....

Prefix.....	Code.....	m.....	Words.....	Charge.....	This message is on a/c of:  .....Service.  Appendix 19 (Signature of "Franking Officer")	Reed. at.....m.	
Office of Origin and Service Instructions						Sent	Date.....
						At.....m.	From.....
						To.....	By.....

TO	O.C. K Signal Co
----	------------------

Sender's Number. * RP 253	Day of Month. 29	In reply to Number.	AAA
------------------------------	---------------------	---------------------	-----

Following from Sigs AYE  
begins AAA AYE closed  
Rumbre 8 am today  
opens Blaringham noon  
today AAA ends AAA  
please arrange accordingly

From	ad Sigs
Place	also
Time	
The above may be forwarded as now corrected.	
Censor.	(Z) R. P. 253
Signature of Addressor or person authorised to telegraph in his name.	

\* This line should be erased if not required.



760,000. W 2186-M593. H. W. & V., Ltd. 6/1a.



SECRET.

A. D. SIGNALS,

1st ANZAC CORPS.

T. 242/2/11

D. 22/7/17.

O.C. 1st Aust. Div. Signal Company.  
 O.C. 2nd Aust. Div. Signal Company.  
 O.C. 5th Aust. Div. Signal Company.  
 O.C. "K" Corps Signal Company (S)  
 1 Anzac "G".

} For information.

Appendix 21

With reference to this office letter T. 242/2/9 of  
 3/7/17 forbidding wireless stations to be erected without  
 reference to me :

Divisions while in rest in the back area of Second Army  
 are permitted to make use of their trench wireless sets for practice  
 purposes.

Wireless calls are allotted to Divisions of this Corps as  
 under as a temporary measure for practice purposes, to take effect  
 from 12 noon 22/7/17 -

1st Australian Division ...	M P. G F. C M L.
2nd Australian Division ...	M L. G Y. C K.
5th Australian Division ...	Cm C Z. C P H

Each Division will employ the calls allotted to it  
 indiscriminately and impartially. No other calls will be used.

It is pointed out that the object arrived at by the scheme  
 of alternative calls for wireless stations (vide this office letter  
 T. 47/12 dated 22/6/17) is liable to be defeated by the use of  
 the same senders serial numbers at any one station. Pending  
 the issue of definite instructions on the subject, please ensure  
 that a "Senders serial number" is not used on practice or Signal  
 Service messages.

It has also been pointed out that from Wireless messages  
 intercepted at G.H.Q. it appears that Divisions in rest have,  
 in certain instances, sent information in clear which would be  
 of assistance to the enemy if picked up by him. Although it is  
 desirable that Divisions in rest should take opportunity to  
 make as much use of their wireless sets as possible for practice  
 purposes, at the same time constant practice in enciphering and  
 deciphering must be made an integral part of the training.

Please take steps to ensure therefore that no relaxation  
 in the orders as to the transmission of wireless messages in clear  
 is permitted when wireless sets are used for practice purposes.

Acknowledge please.

July 23th,  
 1917

Lieut. Colonel, R.A.  
 A.D.SIGNALS, 1 ANZAC CORPS.



G.198/89.

First ANZAC Corps Headquarters,

31st July, 1917.

1st Australian Division.  
 2nd Australian Division.  
 5th Australian Division.  
 A.D.Signals, I Anzac Corps.

\*\*\*\*\*

Appendix 22

WIRELESS ORGANIZATION.

With reference to I Anzac G.S. Circular No.78 of  
 28th June, 1917:-

The O.C. Wireless Section, Corps Signal Company, will in addition to his duties as O.C. Section act as Staff Officer for Wireless Duties to the A.D.Signals, and will under the latter's orders inspect and co-ordinate all wireless work and training throughout the Corps.

O's.C. Divisional Signal Companies requiring advice or information regarding technical details of wireless work, training or equipment, may communicate with the Corps Wireless Officer direct, and the latter will, if necessary, refer the matter to the A.D.Signals.

All questions affecting the general policy of wireless work and training will be submitted to the A.D.Signals by O's.C. Divisional Signal Companies.

Sd. C. B. B. WHITE,  
 Brigadier-General,  
 General Staff,  
 First ANZAC Corps.

=====

O.C. "K" Corps Signal Company.  
 Corps Wireless Officer.  
 O.C. 1st Aust. Div. Signal Company.  
 O.C. 2nd Aust. Div. Signal Company.  
 O.C. 5th Aust. Div. Signal Company.  
 War Diary.

A. D. SIGNALS.	
1st ANZAC CORPS.	
No.	T.242/1/17
Date	1/8/17.

Attached copy of letter for your information, please.

*Robert*  
 Lieut. Colonel, R.A.,

A.D.SIGNALS, I ANZAC CORPS.

1st August,  
 1917.



**"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.
			At.....m.		Appendix 23	From.....
			To.....			By.....
			By.....	(Signature of "Franking Officer.")		

TO { DD Signals 2 Army  
1 Army Corps

Sender's Number.	Day of Month.	In reply to Number.	AAA
* RP 285	15.5		

Lieut	A	Walker	1st	Aust
Div	Sig	Coy	Killed	in
Action	31 <sup>st</sup>	July	aaa	with
Signal	Sub	Section	2nd	Aust
FA	Brigade	aaa		
addressed	DD	Signals	2 <sup>nd</sup>	
Army	repeated	1	Army Corps	

From	AD Signals
Place	
Time	
The above may be forwarded as now corrected.	
Censor.	(Z) R. Powell
Signature of Addressor or person authorised to telegraph in his name.	

\* This line should be erased if not required.

750,000. W 2126-M302. H. W. & V., Ltd. 6/16.



"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.	Appendix 24 (Signature of "Franking Officer.")	From .....	
			To .....			By .....	
			By .....				

TO

DD Signals 2 Army  
1 Army Corps

Sender's Number. * R 286	Day of Month. 15	In reply to Number.	AAA
-----------------------------	---------------------	---------------------	-----

Lieut R J REID 5th Aust  
Div Signal Coy killed in  
Action 31st July AAA with  
Signal Sub Section 5th Aust  
Div Arty AAA addressed  
DD Signals 2 Army repeated  
1 Army Corps

From	AD Signals
Place	1 Army
Time	
The above may be forwarded as now corrected.	
Censor.	(Z) R. M. P. 10/11
Signature of Addressor or person authorised to telegraph in his name.	

\* This line should be erased if not required.

750,000. W 2121-M502. E. W. & V., Ltd. 6/16.