

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

Signals

**Item number:** 22/14/28

**Title:** 4th Australian Division Signals  
Company

June 1918



AWM4-22/14/28



197

CONFIDENTIAL.

ORIGINAL.

~~DUPLICATE.~~

~~TRIPLICATE.~~

Australian Imperial Force.

# WAR DIARY

OF

4th AUSTRALIAN DIV. SIGNAL COMPANY.

FOR

JUNE 1918

Signature of Officer compiling

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Signature of Officer Commanding

*[Handwritten signature]*

MAJOR  
4th AUSTRALIAN DIV. SIGNAL CO.



# WAR DIARY

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.

J U N E 1918.

(Erase heading not required.)

Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
ALLONVILLE	1st.		<p>The Wireless Sections received all 5th. Aust. Div. W/T stations in BUSSY LE DAOURS sector as follows :- Wilson set at D.H.Q. Bussy. Trench W/T set at Right Bde. CORBIE. P.B. and Amp. set at Right Bde. CORBIE. P.B. and Amp. set at Right Bn. Right. Bde. ( O 24 a 4.6 ) P.B. and Amp. set at centre Bn. Right. Bde. ( O 12 b 8.5 ) other stations were established as follows:-                      Trench set at Left Bde. ( J 19 c 7.4 ) Loop set ( 65 metres ) (Rear ) at Left Bde.                      Loop set ( 65 metres ) ( fwd ) Left and Centre Bns. Left Bde. ( J 28 a 7.8 )                      Considerable aeroplanes jamming, 65 metres loop sets.                      No. 3 Section located at Hospice, RIVERY. 13th. Bde. office closed at QUERRIEU 9 am and opened at I 32 b 2.8. 8 pm.                      No. 5 Sect. moved from ALLONVILLE to BUSSY.                      ( D.H.Q. and Signal Office opened BUSSY LES DAOURS 10 am. H.Q. No.1 and W/T billets taken over from 5th. Aust. Div. Sdg. Coy.</p>	
BUSSY- LES- DAOURS.	2nd.		<p>( Trench W/T set established at Reserve Bde. - Tronville Chateau.                      ( 12th? Bde. received 8th. Bde. with H.Q. at Tronville Chateau.                      ( 13th. Bde. office moved to J 19 c 2.8 at 6 am 6 men remained at I 32 b 2.8 ( now Rear Bde. H.Q.                      ( 13th. Bde established Visual Stations at J 19 d 6.2 Adv. Div Exchange at FOUILLOY                      ( CHATEAU taken over from 5th. A.D.A. 10 am.                      ( 10 th. A.F.A. Bde. received by 7th. A.F.A. Bde.                      ( 11th. A.F.A. Bde. received by 14th. Arty. Bde. Relief complete at 5 pm. and Section moved to Wagon Lines at GLISY.</p>	
	3rd.		<p>Established P.B./Amp. Station established at Left Bn. Right Bde. ( O 6 d 7.9 ) Bn. concerned supplying 2 trained men to assist in working the set.                      65 metre loop sets continually developing intermittent faults.</p>	
	4th.		<p>11th. A.F.A. Bde. moved to HONGEST.                      10th. A.F.A. Bde. moved from HONGEST-SUR-SOMME to COCQUERES.                      11th. A.F.A. Bde. moved to EPAGNE.</p>	
	5th.		<p>Signal Schools commended by 10th and 11th. A.F.A. Bdes.</p>	
	6th.		<p>Combined P.B./Amp- set at Right Bn. Right. Bde. ( O 24 a 4.6 ) developed intermittent fault, and replaced by spare 3 valve Woolwich and Parleur P/B.</p>	
EPAGNE. BUSSY- LES- DAOURS.-	7th. 8th.		<p>Arty. rehearsing for Review with the Signal Sections included.                      One 80 metre loop set received from Corps and tested over a range of 3500 yds. Signals R7 through severe aeroplane jamming.</p>	



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~~INTELLIGENCE SUMMARY.~~

JUNE 1918. (contd.)

(Erase heading not required.)

Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
BUSSY-LES-DAOURS.	9th.		5th. D. Arty. Signal Office moved to Divisional dugout. Installed 80 metre loop set at Left. Bde. J 19 c 7.4 (Rear Set) and Left and Centre Bns. Left Bde. J 28 a 7.8 (Fwd. sets) Results satisfactory 65 metre loop sets dismantled and held in reserve at Left Bde.	
EPAGNE	10th.		Review of Divisional Arty. and Arty. Signal Sections. by General Birdwood.	
BUSSY-LES-DAOURS.	11th		Lines patrolled and cable salvaged.	
	12th.		Cable salvaged throughout the Div. Area.	
	13th.		Armoured twin cable, laid in canal in 13th. Bde Area. cut due to troops bombing fish in canal.	
	14th )		Messenger dog No. 139 missing. Believed to have been sniped whilst carrying a despatch.	
	15th )		Cable salvaged.	
	16th.		Lines patrolled and communications maintained.	
	17th.		12th. Bde closed office at Tronville Chateau at 9.30 pm and reopened same time at J 19 c 3.6.	
	18th.		10th. A.F.A. Bde. held Sports Meeting near EPAGNE. 12th. Bde. Adv. Hqrs. situated at J.19.c Rear at I 32 13th. Bde office closed at 4 pm. and reopened at I 32 b 2.8	
			65 metre loop sets installed at Left Bde. J 19 c 7.4 (rear set) and Right Bn. Left Bde. J 25 d 2.2 (fwd set) P/B and Amp. <del>set</del> communication impracticable here owing to intervening river, Canal and swamp.	
			10th. A.F.A. Bde and Signal Section moved to BOURDON	
			11th. A.F.A. Bde " " " " " "	
	19th.		Div. Signal Office shifted to Div. Dugouts H 34 c 9.3 at 7 pm.	
	20th.		10th. A.F.A. Bde. and Signal Section moved to SALONEL.	
	21st.		11th. A.F.A. Bde. " " " " " AMIENS.	
			Cable salvaged, Local lines re-arranged. Old Signal office cleared.	
			Accumulators now charged at Left Bde. <del>from</del> (J 19 c 7.4) from Field Engrs. Electric Lighting set, supplemented by charging resistances supplied by Div. Sig. Coy.	
			10th. A.F.A. Bde. Sub. Section. moved to FOWILLOY and Relieved the 13th. A.F.A. Bde. Relief complete by 4 pm. All lines in good condition. Visual conditions excellent.	
			11th. A.F.A. Bde. Sub. Section relieved 14th. A.F.A. Bde. H.Q. established at I 32 d 6.2	
	22nd.		4th. Div. Arty. Aust. relieved 5th. Aust. Div. Arty. at BUSSY; office opened at 10 am.	
	23rd.		3 C.W. W/T sets Mk. <u>III</u> drawn from Corps and issued to 4th. Aust. Div. Arty. Signals.	
			Established C.W. W/T Stations at 4th Aust. Div. Arty. H.Q. BUSSY and Left Arty. Group H.Q.	



WAR DIARY

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~~INTELLIGENCE SUMMARY~~

JUNE 1918

(Contd.)

(Erase heading not required.)

Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
BUSSY-LES-	23rd.		(11th. A.F.A. Bde.) Satisfactory results.	
	24th.		New dugout constructed by Signal Coy. personnel for W/T stations at Divisional Headquarters.	
DAOURS.	25th.		Motor cyclist attached to 12th. A.I. Bde. wounded. Cycle damaged and evacuated.	
	26th.		30 cwt. lorry returned to 4th. A.M.T. Coy. and Crossley Box Car issued in lieu.	
			13th. A.I. Bde. office closed at I 32 b 2.8 at 9 pm and reopened at O 5 c 5.8	
	27th.		Visual communication established between 13th. Bde. H.Q. and Centre and Support Bns.	
	28th.		Men from all sections supplied to assist Corps burying party. Cable	
			10th. A.F.A. Bde. established forward exchange.	
	29th.		Lines maintained and Canal routes patrolled.	
			Signal Company personnel assist Corps on Cable burying.	
	30th.		Dismantled and withdrew 65 metre loop sets from R Bn. R. Bde. J 25 d 2.2 and Left. Bde. J 19 c 7.4	
			Personnel required to train for Bde Forward Party work.	

Major.

O.C. 4th. AUSTRALIAN DIV. SIGNAL COMPANY.







## SIGNAL COMMUNICATIONS 4th. AUST. DIVSN

General.

During this Division's tour of duty in the line, 2/6/18 to 13/7/18, communications were very easy to maintain, in fact very rarely were the various Units out of touch by enemy action. The greatest number of breaks was caused by Aust. Inf. Personnel bombing for fish in the SOMME RIVER. All other means at our disposal (Viz. Visual, Wireless, D.R.L.S. Messenger Dogs., and Pigeons.) were tried and tested quite satisfactory. Visual, Wireless and Pigeons were used daily, more with the object of keeping the Personnel on the alert and giving them practice, rather than as an alternative.

Complete chains of both Visual and Wireless were established from the front line to Div. Hqrs. thus each means was independent of the other. The tendency to abolish heliographs in place of Lucas Daylight Lamps was discounted during this tour of duty. The weather was generally fine and bright, and much good work between Brigades and Division was got in, however during the dull or cloudy times the Lucas Lamp was invaluable, but in the long distance during sunshine it was impossible. The short supply of Pigeons, although Brigades were demanding a greater supply, proved quite sufficient for Trench Warfare.

The Messenger Dogs have not proved their worth, the selection of the dogs asks for more attention, in that some of the dogs were quite reliable one day yet unreliable the next.

The work of Officers and Personnel was, as usual, excellent, Linemen particularly working long hours on buried cable and Canal Routes.



General.

Line Communications. Reference Appendices 12 and 13.

Previous to the relief of the 5th. Aust. Div. Sig. Coy. on 2nd. June 1918, parties were sent forward to reconnoitre the area and learn existing lines. Linesmen from No.1 Section were sent to man routes etc. on the 1st. June.

Communications on taking over were not entirely satisfactory. Canal Cables which were being relied upon mainly were becoming faulty, owing to continued cutting by men bombing the canal for fish. Canal Cables were not sufficient, as 13th. A.I.Bde. (Left Bde.) moved to J 19 ( Appendix 11.)

A considerable amount of construction and maintainance work was carried out and in addition cable was buried whenever parties were available, routes were surveyed, and progressive work planned.

Extracts from No.1 Section's Diary for June as follows:-

(References Appendices 12 and 13.)

June 3rd. Continuation of buried route from L.N. ~~to~~ at L 32 b 4.6 to Division commenced; working party of 484 O/R's supplied by the 12th. Bde. Length put down 765 yards.

June 4th. Continuing Bury. Working party of 501 O/R's - from 12th. A.I.Bde. Length put down 715 yds.

June 5th. Continuing Bury. Working party of 140 O/R's from 45th. Battalion. Length put down - 170yds. 160 men from 46th. Battalion reported at wrong location.

June 6th. Completed Bury to Y.S. I 35 d 2.7 Building 18 pair Pole Route from Signal Office to I 35 d 2.3 . Lines in Bury tested O.K. and identified.

June 7th. Completed Pole Route to Signal Office. Transforming lines from ground route to Buried Cable.

June 8th. 7- pair shallow bury put down from Y.S. (I 35 d 2.7 ) to I 35 d 2.3 ; alternate route to 18 pair Poled route. Establishing Test Point known as L.N. at I 32 b 4.6 ; and Buried Route from Y.S. connected at L.N. to Test Point at Fagot Farm known as Q.P.



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- June 10th. Test Point at L.N. completed.  
1 7- pair Cable sunk in Canal from Q.P. to Adv. Divsn. and one twin from Adv. Divsn. to Bde H.Q. at Fouilloy Chateau.
- June 11th. 1 quad sunk in Canal to J 19 c 5.0 for Bde. at J 19 c 4.6 Building Test Point at J 19 c 5.0
- June 12th. Cutting Poles for Route from I 35 d 2.3 to Woollen Mills to replace ground lines.
- June 13th. Surveying Route for bury from L.N. (I 32 b 4.6) to Bde H.Q. at J 19 c 4.6 ; Building Poled Route from I 35 d 2.3 to Woollen Mills.
- June 14th. Continuing Poled Route. ; Repairing Cable in Canal blown out by bombs.
- June 15th. Continuing Poled Route ; Commenced Bury from L.N. to Bde. H.Q. - J 19 c 4.6 ; Working party supplied by 12th. Bde.; 281 yds. completed.
- June 16th. Completed Poled Route.; Establishing Test Box at Y.S.
- June 17th. Establishing Test Box at Y.S. ; Fitting up Dugout at I 34 d 3.3 for Signal Office.
- June 20th. Continuing Bury from L.N. to J 19 c 4.6-- 375 yds. completed.
- June 21st. Continuing Bury from L.N. to J 19 c 4.6-300 yds. completed. ; Bury between Y.S. and L.N. blown out at 2 am. Bde. lines put through poled Route to Woollen Mills. Bury O.K. (10 am.)
- June 22nd.) Continuing Buried Route from L.N. to J 19 c 4.6  
" 25th.)  
1130 yds. completed.
- June 29th. ( Assisting Corps Bury from Y.S. to B.S. . 655 yds.  
" 30th.)  
completed. Burying Cable from Adv. Divsn. F.Y. to Centre Bn. P 12 b 8.5 Personnel from 4th. and 3rd. Pioneers. 2000 yds. completed.

During the first two or three weeks in this sector considerable trouble was caused to all lines in the Canals by consistent bombing for fish. Steps were taken and this trouble was a good deal abated.



Schools.

On 5th June advanced training for Battery Signallers was commenced by 11th. A.F.A. Bde. and on 6th. June a school was commenced by 10th. A.F.A. Bde. 1 N.C.O. and 9 Sigs. per Battery attended.

On 22nd. June the second Signal Course of No 5. Section terminated. Students were very keen on the work, and the results were quite satisfactory.

On 23rd. June. a third Course was held by No. 5. Section. 8 Students attended -- 2 from each M.G. Coy.

Wireless.

During June 1918 all W/T Personnel were rationed by Bdes. Sections to which they were attached.

As no carrying party was available, W/T Personnel carried all accumulators, stores, instruments etc. to and from all Stations forward of Brigades.

W/T Personnel at R. Bn. R. Bde. O 24 a 4.6 buried P.B. base lines 200 ft. long and about 2 ft. 6 ins. deep, without any assistance.

P.B. and Amplifier Stations each listened in ( for conversations of a " suspicious " nature on telephone lines.) for 8 hours each day. This practice caused a considerable drain on 4 volt. accumulators.

Visual.

Report on Visual Signalling is attached as Appendix No.1

Dogs.

Time Tables of Messenger Dog Runs for week ending 8th; 15th; 20th and 27th. June, are attached as Appendix 2 ( a,b,c, and d.)

On 17th June War Dog No. 118 was found in BUSSY carrying message dated 14th. June from 7th. A.I.Bde; 2nd. Aust. Divsn. was advised and the animal was collected the same day.

Messenger Dog Runs were allotted to Bdes. as Follows.:-

Date.	Right. Bde.	Left Bde.	Reserve Bde.
6/6/18	2 dogs. 1 keeper	3 dogs 1 keeper	---
13/6/18	3 " 1 "	3 " 1 "	3 dogs 1 keeper.
20/6/18	2 " 1 "	3 " 1 "	-
27/6/18	5 " 2 "	3 " 1 "	-

Pigeons.

Supply of birds. 8 per day.





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Appendix 1

*appendix*  
**I**

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4th. AUSTRALIAN DIVISION.  
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Reference attached.

Owing to limited possibilities of visual in this sector, it was found inadvisable to dis all other means of communication for a definite period, but steps were taken to increase the number of messages sent by this method. Fullest use has been made of the possible visual stations. in the area, and the practice has been to send unimportant and short routine messages and acknowledgements of sealed packets etc. by this means. All stations on the attached plan are manned and in constant use. To get additional units not already in communication by visual would take a large number of transmitting stations with additional personnel, and the service would then be too slow and cumbersome to be of any value.

The Artillery have a complete system forward of Group H. Qs, and where it is not possible to get direct communication, use is made of a transmitting station or runners to neighbouring batteries. A diagram of Artillery visual system will be forwarded as soon as completed.

It has been found in practice that it is better to have a constant watch and see that sufficient use is being made of visual, than a set period, for the following reasons:-

- (1) During the set period the number of messages are curtailed and there is a corresponding increase over the wires afterwards.
- (2) A constantly manned station gets slack in keeping a sharp lookout if it knows that its unlikely to receive messages other than at stated times. This is most important as delay in visual is generally caused by a bad lookout and waste of time calling up.

*[Handwritten signature]*

26th. June 1918.

O.C., 4th. Aust. Div. Signal Coy.



1918 A.D. SIGNALS.

AUSTRALIAN CORPS.

Appendix 2<sup>A</sup>

REPORT ON DOGS FOR WEEK ENDING 8/6/18.

Right Bd. report dog No. 104 unfit for duty on 6th. and 106 released from Right Bn. lost on 7th. Keeper and 104 returned to Corps on 8th.

Left Brigade time table as follows:-

Date.	Dog. Nos.	Left. Coy. Hqrs.	Arrived back at Kennels.	Distance.
June 2nd.	B 122	6 am	6.45 am	2.500 yards approx.
" 2nd.	P123.	" "	8.35 am	" " "
" 3rd.	B 122	" "	6.25 am	" " "
" "	M 124	4.30 am	5.20 am	" " "
" "	P 123	5.35 am	6 am.	" " "
" "	B 122	3.55 pm	4.10 pm.	" " "
" "	P 123	4 pm.	4.25 pm.	" " "
" 4th.	M 124	4.50 am	5 am.	" " "
" "	P 123	12.55 pm	1.45 pm.	" " "
" "	B 122	6 am	6.25 am	" " "
" 5th.	B 122	4.55 am	5.30 am	" " "
" "	P 123	4.55 am	5.30 am	" " "
" "	M 124	4.52 am	5.5. am	" " "
" "	P 123	no run	no run)	dogs sick.
" "	B 122	" "	" ")	
" 6th.	137	4 am	4.15 am	2 Kilos.
" "	139	4.50 am	5.5. am	"
" 7th.	137	4.17 am	4.25 am	"
" "	139	4.55 am	5.7. am	"
" 8th.	139	4.30 am	5 am.	"
" "	138	no time	no time	"

Report of Signal Officer, 51st. Bn. attached.

Dogs were ised from Coys. to Bn. Hqrs.

*W. P. ...*  
A/O.C. 4th. Aust. Div. Sig. Coy. Capt.

10th. June 1918.



A.D. SIGNALS.

AUSTRALIAN CORPS.

*War diary* *app* Appendix 28  
*2* *(4)*

Herewith report on dogs used in this Division area for week ending 15/6/18, and table of runs with times attached.

The 4th. Bde. were without Dogs for the period 8/13th. inst. On the 13th. Inst. dogs Nos. 101, 102, 103, were sent out to Bde. and sent to Bns. on evening of 14th inst. and released on thier first run on morning of 15th inst. running from Bn. Hqrs. to Bde. Hqrs.

Their first trip was unsatisfactory, each dog taking from 8 to 15 minutes longer on the trip than runners, but better results are anticipated for future runs.

On the 7th. inst. dogs Nos. 137, 138 and 139 were sent to 13th. Bde. being used on the left Bn. sector running from Corps in line to Bn. Hqrs. Their work was fairly satisfactory. War dog No. 139. after doing two runs in excellent time. failed to return on the third run, and it is feared he was shot by an enemy sniper.

On the 13th. inst. Dogs Nos. 137 and 138 were delivered by Dogs Nos. 131, 132 and 133. Dog No. 131 did has first run on 13th. inst. in excellent time, but on second run on 14th inst. took 1 hr. 55 mins. longer on the same trip. He will be tried again on the same run during the ensuring tour of duty. Dogs. Nos. 132 and 133 show fair time for the trip and better results are expected.

Dogs Nos. 119, 120, 121 were sent to Reserve Bde. and have not been used up to the present. They will be taken forward tomorrow 16th. inst. to learn the area in anticipation of Bde. releif.

*Ch. J. P. P.* Captain.

for. O.C. 4th. Aust. Div. Sig. Coy.

15th. June 1918.



RECORD OF MESSENGER DOG RUNS 8th. to 14th JUNE 1918.

LEFT BRIGADE SECTOR.

Date.	Dog. No.	Unit. Running with.	Left Kennel. Time	Left Kennel. Date.	Time Released.	Time Returned.	Distance Run.	Time Taken	Remarks.
8/6/18.	137	51st. Bn.	9.25 pm	7th.	3.35 am	4 am.	2 Kilo M.	25 Min.	
"	139	" "	9.25 pm.	7th.	4.35 am	4.50 am	"	15 Mins.	
9/6/18	137	" "	8.10 pm.	8th.	6.2. am	6.17 am	"	15 "	
"	139	" "	8.10 pm	8th.	4.50 am	5.3- am.	"	13 "	
10/6/18	137	" "	7.50 pm	9th.	5.20 am	5.40 am	"	20 "	
"	138	" "	7.50 pm	9th.	5.45 am	6.25 am	"	40 "	
11/6/18	137	" "	8 pm.	10th.	3.30 am	3.45 am	"	15 "	
"	138	" "	8 pm.	10th.	5.25 am	5.55 am	"	30 "	
"	139	" "	8 pm.	10th.	4.30 am				Failed to return.
13/6/18	131	51st Bn.	6.10 pm.	12th.	6.30 am	6.50 am	1 Kilo. M.	20 Mins.	First run.
"	132	" "	6.10 pm	"	6.5- am	8.15 am	2 " "	2 hrs. $\frac{3}{4}$	" "
"	133	" "	6.10 pm	"	4.35 am	5.5. am	" "	40 mins.	" "
14/6/18	131	" "	6 pm.	13th.	5.45 am	8 am	" "	2 hrs 15 mins	2nd. Run.
"	132	" "	6 pm	"	6 am	6.15 am	" "	15 mins	
"	133	" "	6 pm.	"	4 am	4.25 am	" "	25 mins.	

P. T. O.

APPENDIX B







1918

*War Diary*

Appendix 2c

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A.D., SIGNALS,  
AUSTRALIAN CORPS.  
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*appendix  
2/c*



Herewith please find tables showing Messenger Dog runs for week ending 20th.inst.

On the 20th.inst. War Dog No.117 strayed into the lines of our Left Brigade, and was sent to the Rear Bde H.Qs. The Division on the Left, to whom the dog was attached, were informed, but ere they made any arrangements to collect same, dog No.117 broke away and bolted, and has not been heard of since.

The Dogs in the Left Bde. Sector were run from Coys in the line to Bn.H.Qs, a distance of from 2 to 3 kilos. In this Sector Dog 119 did not show up too well, in one instance taking 7 hrs.,28 mins. to do the trip. War Dog No.131 seemingly could do with a little more training, doing his first run in good time, but following runs much overdue. War Dog No.113 was on one occasion released with an untimed message, and attention was called to the Bn. concerned.

Good work by the dogs on the Right Bde. Sector was unfortunately spoilt by a lapse on the part of War Dog No. 101; otherwise the runs were satisfactory.

22nd.June 1918.

*Joseph*  
O.C., 4th.Aust.Div.Signal Coy.

Capt.



LEFT BRIGADE SECTOR

No. 3 Sect. attd. 12th. Bde.

RECORD OF MESSENGER DOG SERVICE 13th. to 20th. JUNE 1918

All runs from Coy H. Qs to 48th. Bn. - 2 to 2½ k.

Date	Dog. No.	Depart kennel	Time released	Time Returned	Time Taken	Distance	Remarks
14/6/18	131	6.10 p.m. 13th	6.30 pm 14th	6.50 p.m.	20 minutes	2.25 k.	trial run.
"	132	6.30 p.m. "	6.5 a.m. "	8.45 a.m.	2 hrs. 45 m.	"	first run (lost)
"	133	" "	4.35 " "	5.5 "	30 mins.	"	"
15/6/18	131	6 p.m. 14th.	4.45 a.m. 15th	8 a.m.	2 hrs. 15 m.	"	"
"	132	" "	6 a.m. "	6.15 a.m.	15 mins.	"	"
"	133	" "	4 " "	4.25 "	25 "	"	"
16/6/18	131	7/10 pm. 15th.	3.50 a.m. 16th	5.55 a.m.	2 hrs. 5 m.	"	"
"	132	" "	3.50 " "	4.40 "	50 mins.	"	"
"	133	" "	6 " "	6.10 "	10 "	"	"
17/6/18	131	" 16th.	3.45 " 17th.	5.20 "	1 hr. 35 m.	"	"
"	132	" "	6 " "	6.20 "	20 mins	"	"
"	133	" "	- " "	4.20 "	(untimed)	"	Returned with message
18/6/18	131	nil	nil	-	-	-	Did not go out.
19/6/18	132	2 a.m. 18th.	6 a.m.	6.20 "	20 mins.	"	"
"	133	" "	3 " "	3.30 "	30 "	"	"
"	120	6 p.m. "	3.30 a.m. 19th.	3.45 "	15 "	"	Coy H. Qs to Bn. H. Qs)
"	121	" "	6 " "	6.20 "	20 "	"	2.25 k. )
"	119	" "	3.30 " "	10.58 "	7 h. 28 m.	"	first run new dog;
20/6/18	132	6 " 19th	6.15 a.m.	6.50 a.m.	35 mins.	"	) stopped on top
"	133	" "	6.15 " "	6.45 "	30 "	"	) on hill near
"	121	" "	3.45 " 20th.	4.20 "	35 "	"	) Bn. H. Qs.
"	120	" "	3.45 " "	4.35 "	50 "	"	"
"	119	" "	6 " "	6.40 "	40 "	"	"
21/6/18	132	6.30 p.m. 20th.	4.37 " 21st.	4.15 "	28 "	"	"
"	133	" "	6 " "	6.15 "	15 "	"	"
"	121	" "	3.47 " "	4.45 "	58 "	"	"

H. T. O.

APPENDIX

20/15



1917

RIGHT BRIGADE SECTOR

RECORD OF MESSENGER DOG SERVICE 14th. to 21st. JUNE 1918.

Date	Dog No.	Unit running with	Left kennel		Time Released	Time re-returned	Distance of run	Time taken	Remarks.
			Time	Date					
15/6/18	102	14th. Bn.	8 p.m.	14/6/18	6.45 a.m.	7.23 a.m.	3 kilo m.	38 mins.	
	103	15th "	8 "	"	7.5 "	7.23 "	1 1/2 "	18 "	
	101	16th "	8 "	"	6 "	6.30 "	1 1/2 "	30 "	
16/6/18	102	14th "	8 "	15/6/18	6/45 "	7 a.m.	3 "	15 "	
	103	15th "	8 "	"	6.50 "	7.12 a.m.	1 1/2 "	22 "	
	101	16th "	8 "	"	6 "	6.10 "	1 1/2 "	10 "	
17/6/18	102	14th "	8 "	16/6/18	6.2 "	6.25 "	3 "	23 "	
	103	15th "	8 "	"	7 "	7.17 "	1 1/2 "	17 "	
	101	16th "	8 "	"	6 "	6.8 "	1 1/2 "	8 "	
18/6/18	102	13th "	8 "	17/6/18	6 "	6.20 "	3 "	20 "	
	103	15th "	8 "	"	7 "	7.20 "	1 1/2 "	20 "	
	101	16th "	8 "	"	3 "	3.20 "	1 1/2 "	20 "	
19/6/18	102	13th "	8 "	18/6/18	6 "	6.40 "	3 "	40 "	
	103	15th "	8 "	"	7 "	7.15 "	1 1/2 "	15 "	
	101	16th "	8 "	"	4.20 "	11.30 "	1 1/2 "	19 hrs. 10?	
20/6/18	102	13th "	8 "	19/6/18	6 "	6.30 "	3 "	30 mins.	
	103	15th "	8 "	"	7 "	7.15 "	1 1/2 "	15 "	

20  
 (stopped on top  
 on hill near  
 -Bn. H. Co.)

16



1917

17

War Diary

Appendix 2<sup>o</sup>

A. D., SIGNALS,  
AUSTRALIAN CORPS.  
-----

appendix  
2(a)



Herewith Table of Dog Runs in Right Brigade Sector for week ending 26/6/18.

Dog No.143, working in this Sector, failed to return on a run on 22/6/18, and Brigade were informed by Corps that this dog turned up at the 499th.Siege Battery.

On the Left Sector the keeper was unfortunately wounded and dogs had to be returned, none being used in this Sector this period.

*Manning* Lieut.  
for

29th.June 1918.

O.C., 4th.Aust.Div.Signal Coy.



Right Sector

4th. AUST. DIVISION.

RETURN OF MESSENGER DOG SERVICE

week ending 26/6/18.

Date	Dog No.	Unit running with	Left Kennel		Time Released	Time re-turned	Distance of run	Time Taken
			Date	Time				
22/6/18	144	16th. Bn.	21/6/18	8 p.m.	6 a.m.	6.35 a.m.	<del>35</del> minutes, 1½ kilos	35 minutes.
"	143	13th. "	"	8 "	5.55 a.m.		3 kilos	
23/6/18.	144	13th. Bn	22/6/18	8 p.m.	6. a.m.	6.40 a.m.	3 "	40 minutes.
24/6/18	144	15th "	23/6/18	8 p.m.	7 a.m.	7.30 a.m.	1½ kilos	30 "
25/6/18	144	16th "	24/6/18	8 p.m.	6.40 a.m.	7 a.m.	1½ "	20 "
26/6/18	144	15th "	25/6/18	8 p.m.	7 a.m.	7.35 a.m.	1½ "	35 "

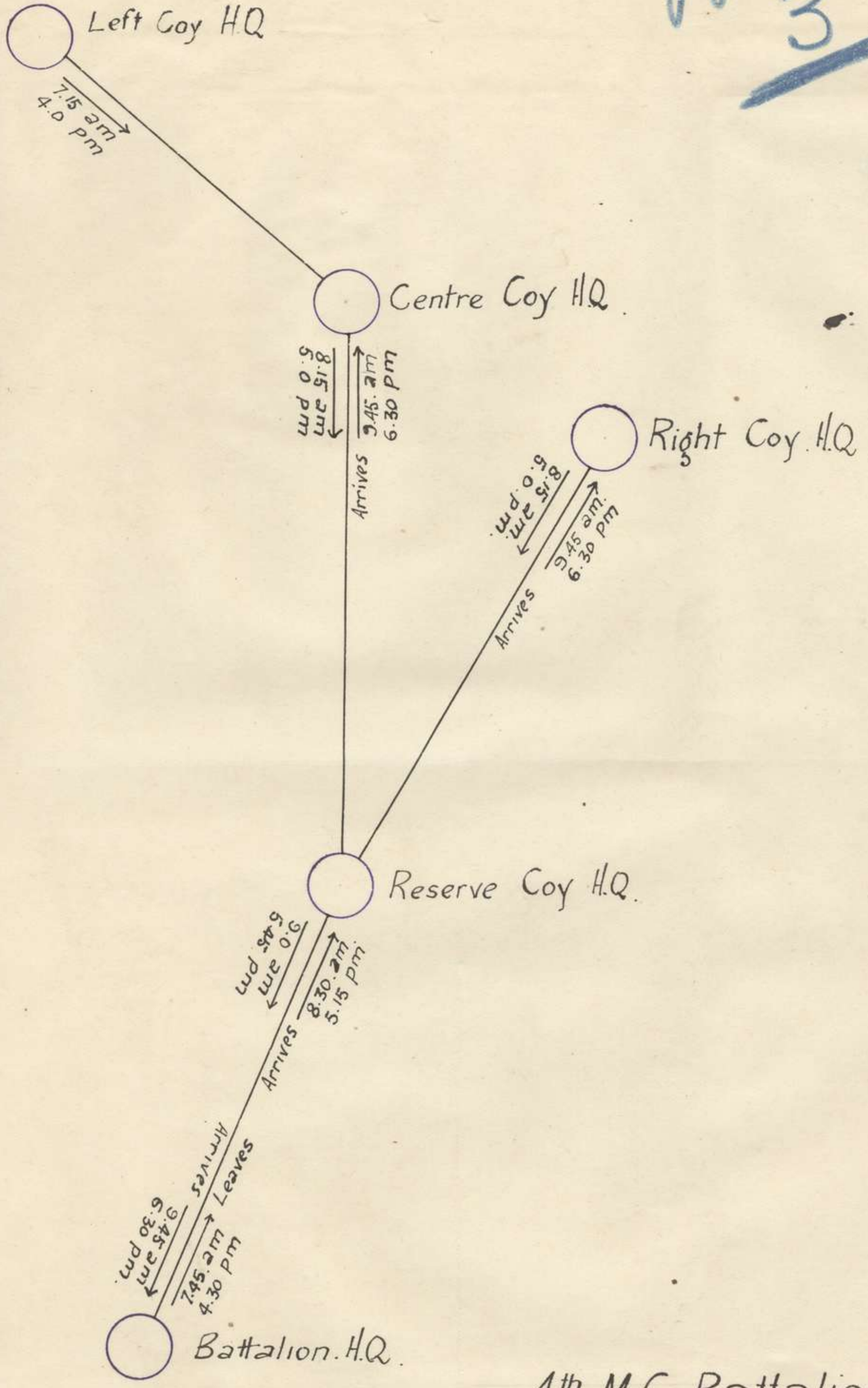
APPENDIX

20

18



*Appendix*  
3



4<sup>th</sup> M.G. Battalion  
Despatch Service.

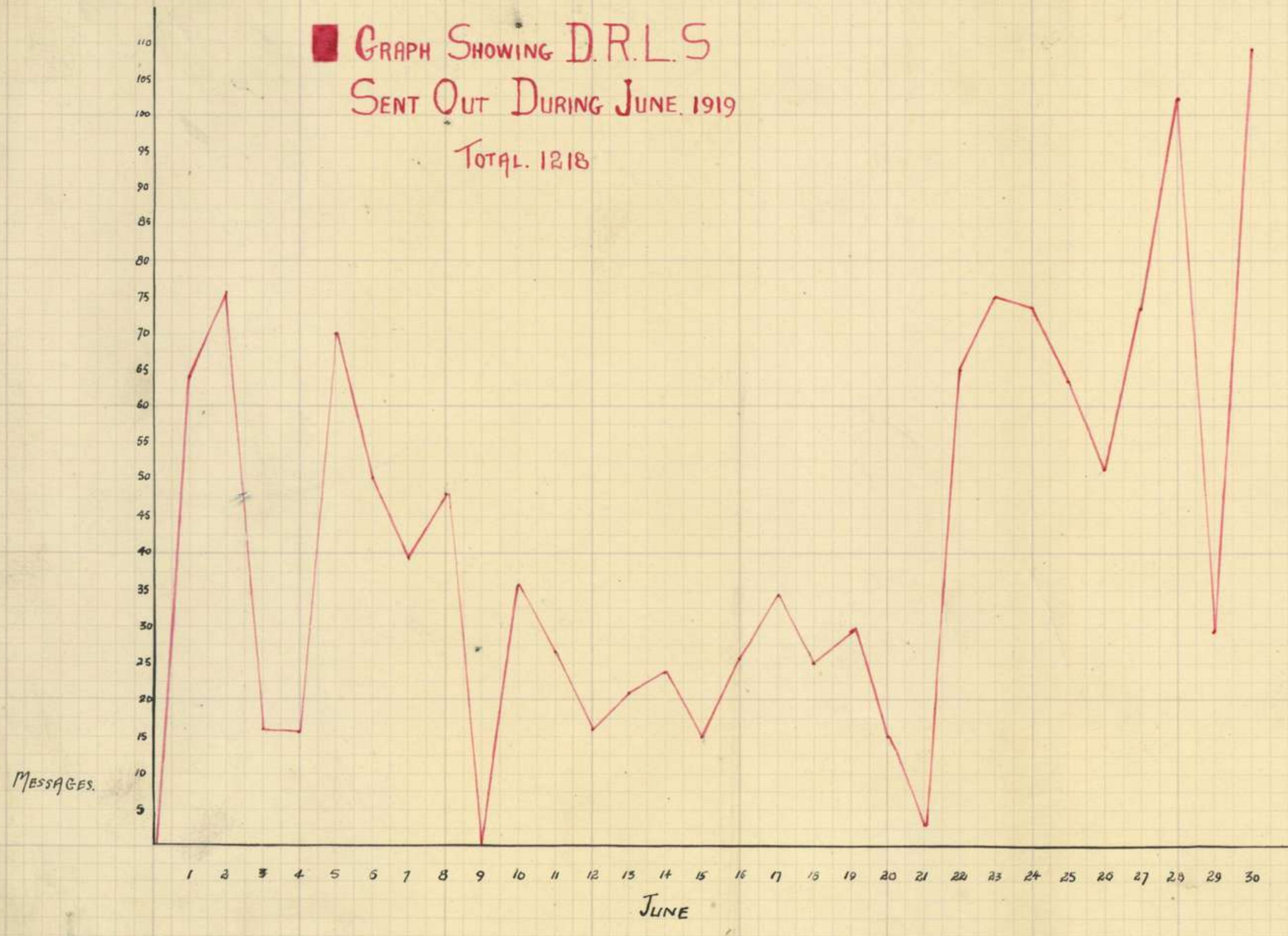


1917

APPENDIX 4 a 20

appendix  
4  
(a)

■ GRAPH SHOWING D.R.L.S  
SENT OUT DURING JUNE 1919  
TOTAL 1218



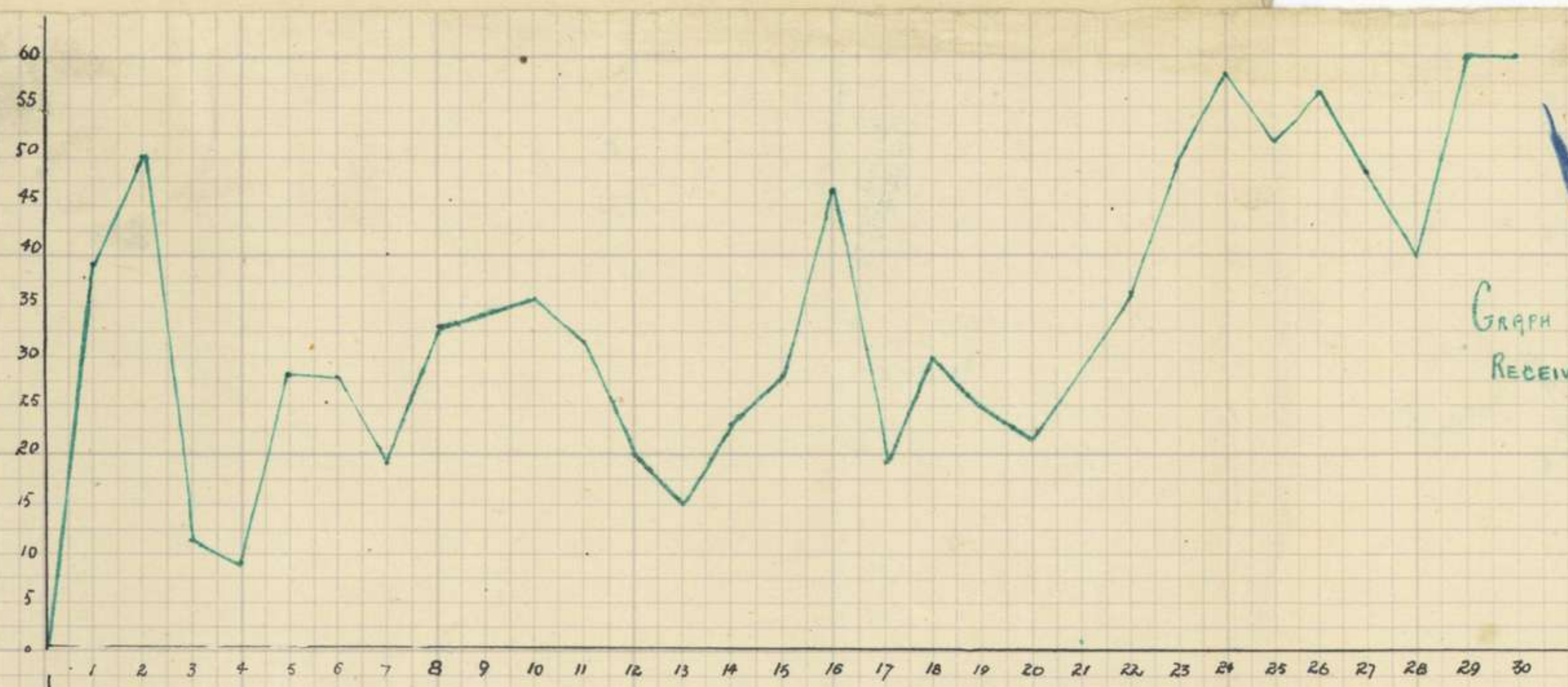
4<sup>TH</sup> AUS. DIV. ARTY.



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APPENDIX 4 b 21

197



Appendix 4 b 21  
 GRAPH SHOWING D.R.L.S.  
 RECEIVED DURING JUNE 1918.  
 TOTAL = 1190



GRAPH SHOWING D.R.L.S.  
 TRANSMITTED DURING JUNE 1918  
 TOTAL = 696.

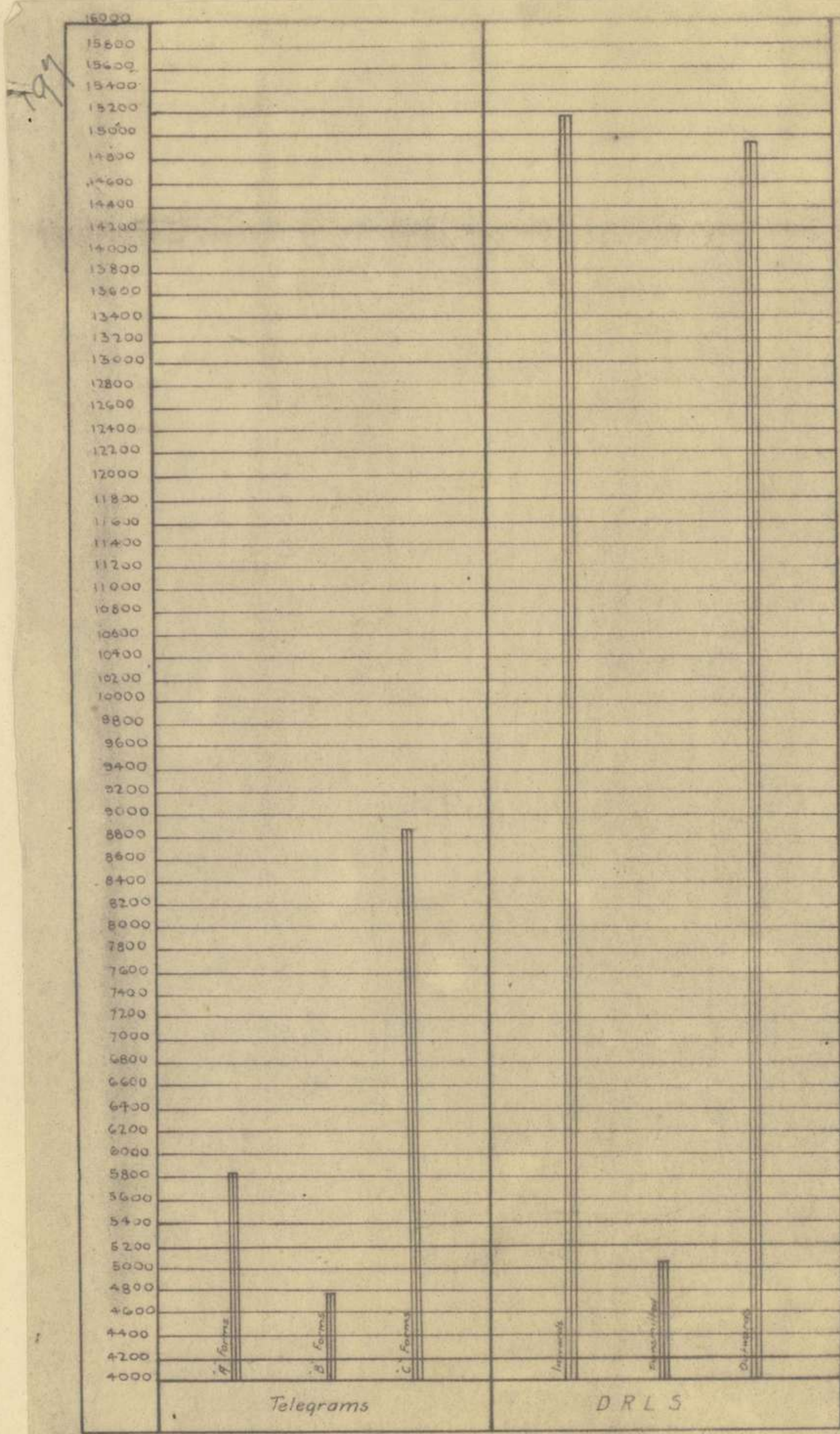
1 2 3 4

4<sup>TH</sup> AUS. DIV. ARTY.



1918

22



# 4<sup>TH</sup> AUST. DIVISION

Signal Traffic for Month of June 1918

— Summary —

— TELEGRAMS —

A Forms (Sent)	5816
B " (Transmitted)	4747
C " (Received)	8881

— D.R.L.S. —

Inwards	15186
Transmitted	5028
Outwards	14917
Total	54575

*R. Gray*  
 MAJOR  
 S.C. 4th AUST. DIV. SIGNAL CO.

Appendix  
 5



4th. AUSTRALIAN DIVISION.

MOTOR D.R.L. SERVICE.

*Appendix 23*

Appendix 6

1917

No. 1 RUN

Leaves D.H.Q.	7.30 a.m.	3 p.m.	7.30 p.m.
Arrives Right Bde.	7.50 a.m.	3.20 p.m.	7.50 p.m.
Leaves " "	7.55 a.m.	3.30 p.m.	7.55 p.m.
Arrives 13th. A.F.A.	7.45 a.m.	3.15 p.m.	7.45 p.m.
Leaves " "	7.45 a.m.	3.15 p.m.	7.45 p.m.
Arrives Left Bde.	8.10 a.m.	3.40 p.m.	8.10 p.m.
Leaves " "	8.15 a.m.	3.45 p.m.	8.15 p.m.
Arrives D.H.Q.	8.45 a.m.	4.10 p.m.	8.45 p.m.

No. 2 RUN

Leaves D.H.Q.	7.30 a.m.	3 p.m.	7.30 p.m.
Arrives 5 D.T.M.O.	7.45 a.m.	3.15 p.m.	7.45 p.m.
Leaves " "	7.50 a.m.	3.20 p.m.	7.50 p.m.
Arrives 14 A.F.A. Bde ) " 150 R.F.A. "	8.5 a.m.	3.35 p.m.	8.5 p.m.
Leaves 14 A.F.A. Bde ) " 150 R.F.A. "	8.10 a.m.	3.40 p.m.	8.10 p.m.
Arrives 298 Bde R.F.A.	8.25 a.m.	3.55 p.m.	8.25 p.m.
Leaves " " "	8.30 a.m.	4 p.m.	8.30 p.m.
Arrives D.H.Q.	9 a.m.	4.30 p.m.	9 p.m.

No. 3 RUN

Leaves D.H.Q.	7.30 a.m.	3 p.m.	7.30 p.m.
Arrives Reserve Bde.	7.45 a.m.	3.15 p.m.	7.45 p.m.
Leaves " "	7.50 a.m.	3.20 p.m.	7.50 p.m.

MISCELLANEOUS RUN

Leaves D.H.Q.	9 a.m.	2 p.m.	7 p.m.
---------------	--------	--------	--------

CORPS RUN

Leaves Aust. Corps -	7.15 a.m.; 11.15 a.m.; 4.15 p.m.; 8 p.m.
Arrives D.H.Q. ) Leaves " )	7.40 a.m.; 11.55 a.m.; 4.55 p.m.; 8.40 p.m.
Arrives Aust. Corps	8.45 p.m.; 12.45 p.m.; 5.45 p.m.; 9.45 p.m.

NOTE:- Intelligence Run is done by D.R. attached to Bde, approx. arrival D.H.Q. 12.30 pm. D.Rs take traffic for Right and (P.T.O.)



6

Motor D.R.L. Service (contd)

1917

Left Brigades on return journey.

-----

Post closes 15 minutes before times of departures.

*Ch Joseph*

Capt. for

O.C., 4th. Aust. Div. Signal Coy

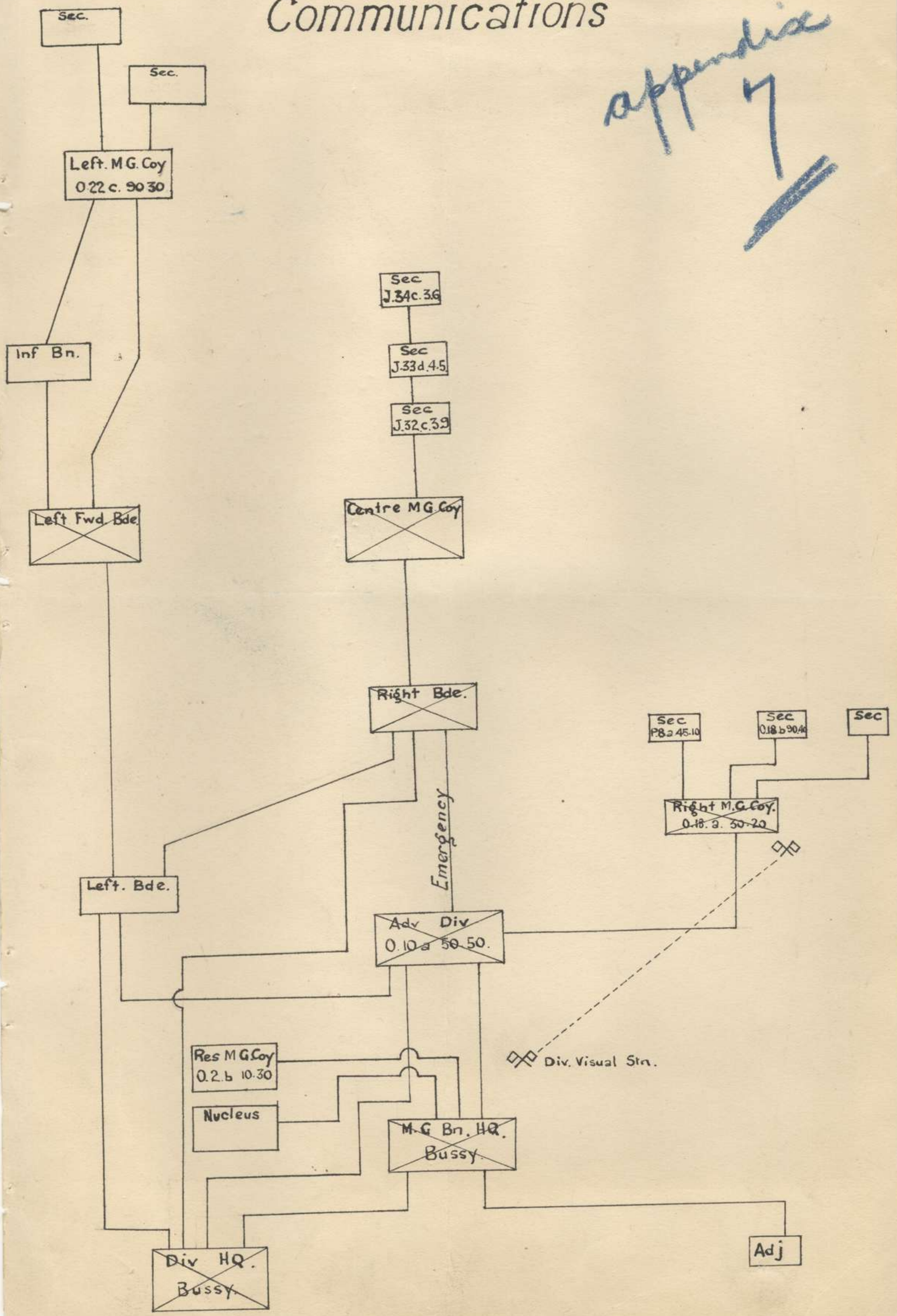
*appendix*  
6



# 4<sup>th</sup> Aust M.G. Bn.

## Communications

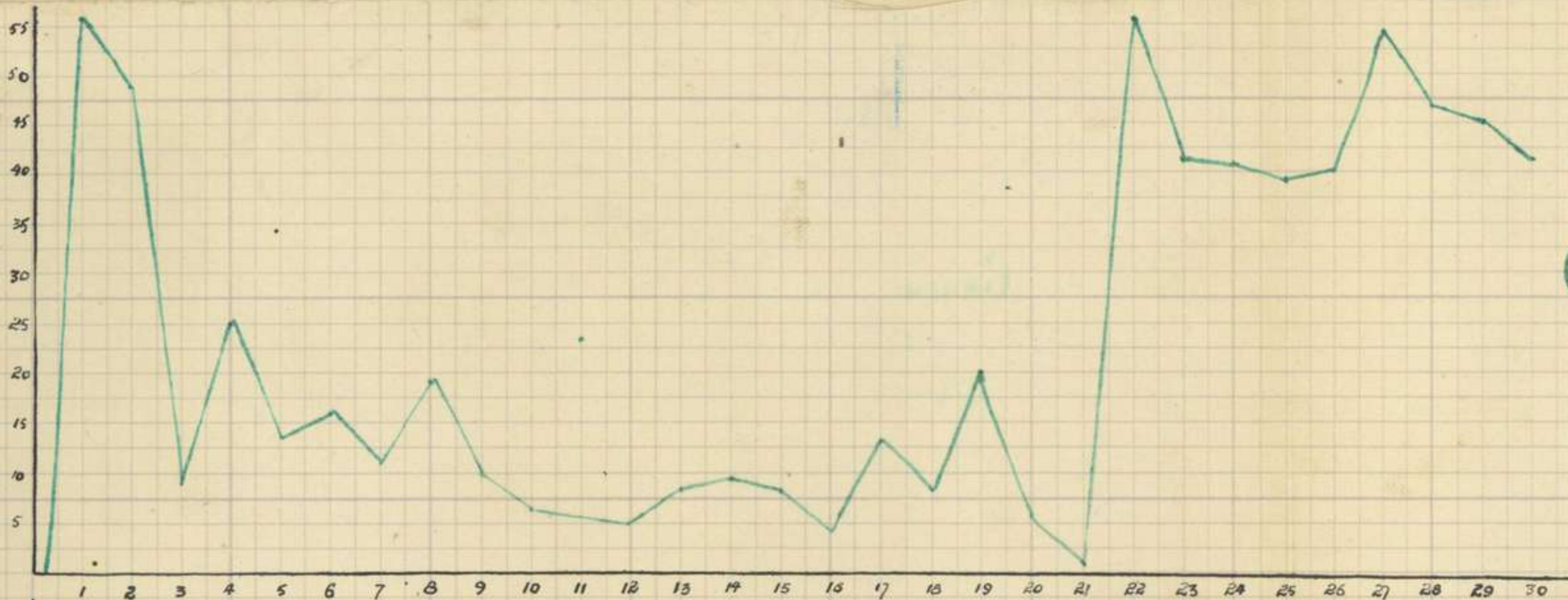
*appendix*  
7



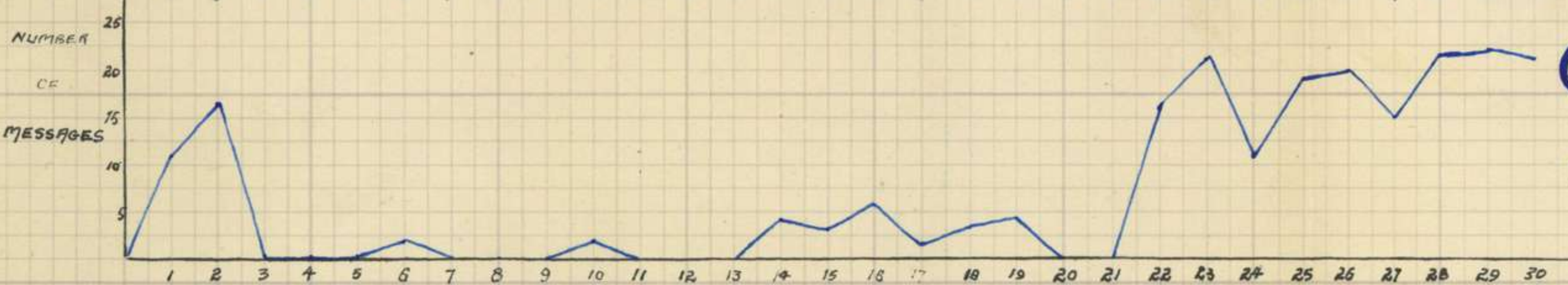


1917

appendix 8<sup>25</sup>

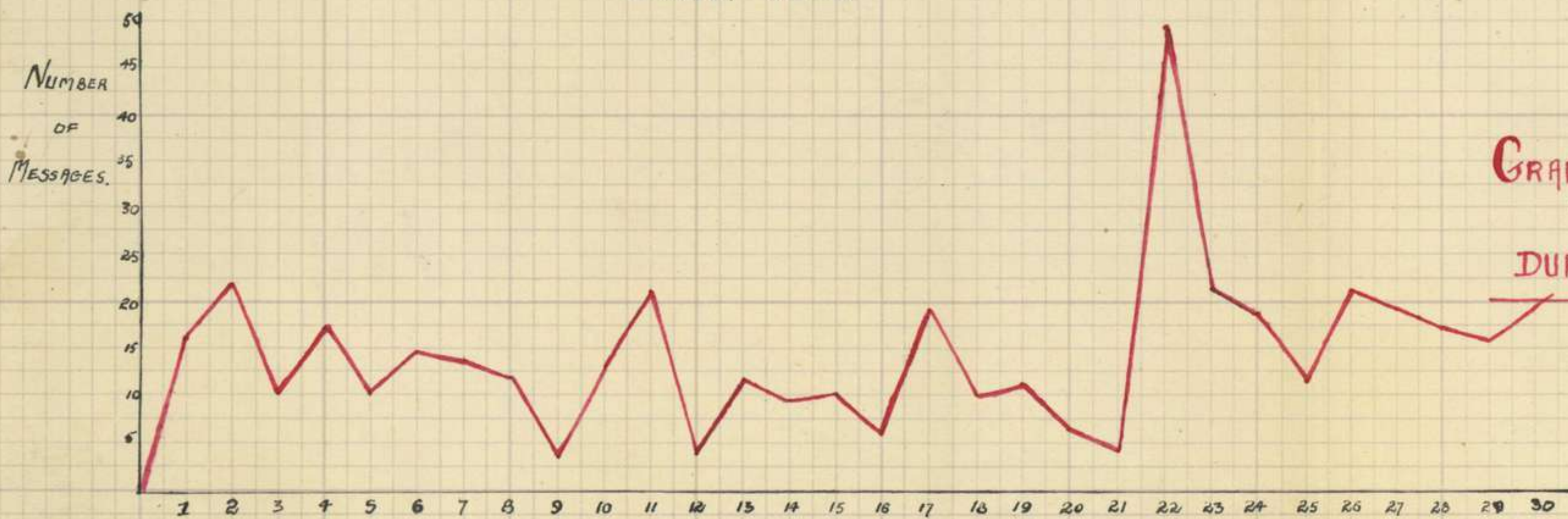


GRAPH - SHOWING "C" FORM RECEIVED DURING JUNE 1918. TOTAL = 628



GRAPH - SHOWING "B" FORM TRANSMITTED DURING JUNE 1918. TOTAL = 235.

JUNE 1918.



GRAPH - SHOWING "A" FORM TRANSMITTED DURING JUNE 1918.

TOTAL = 552

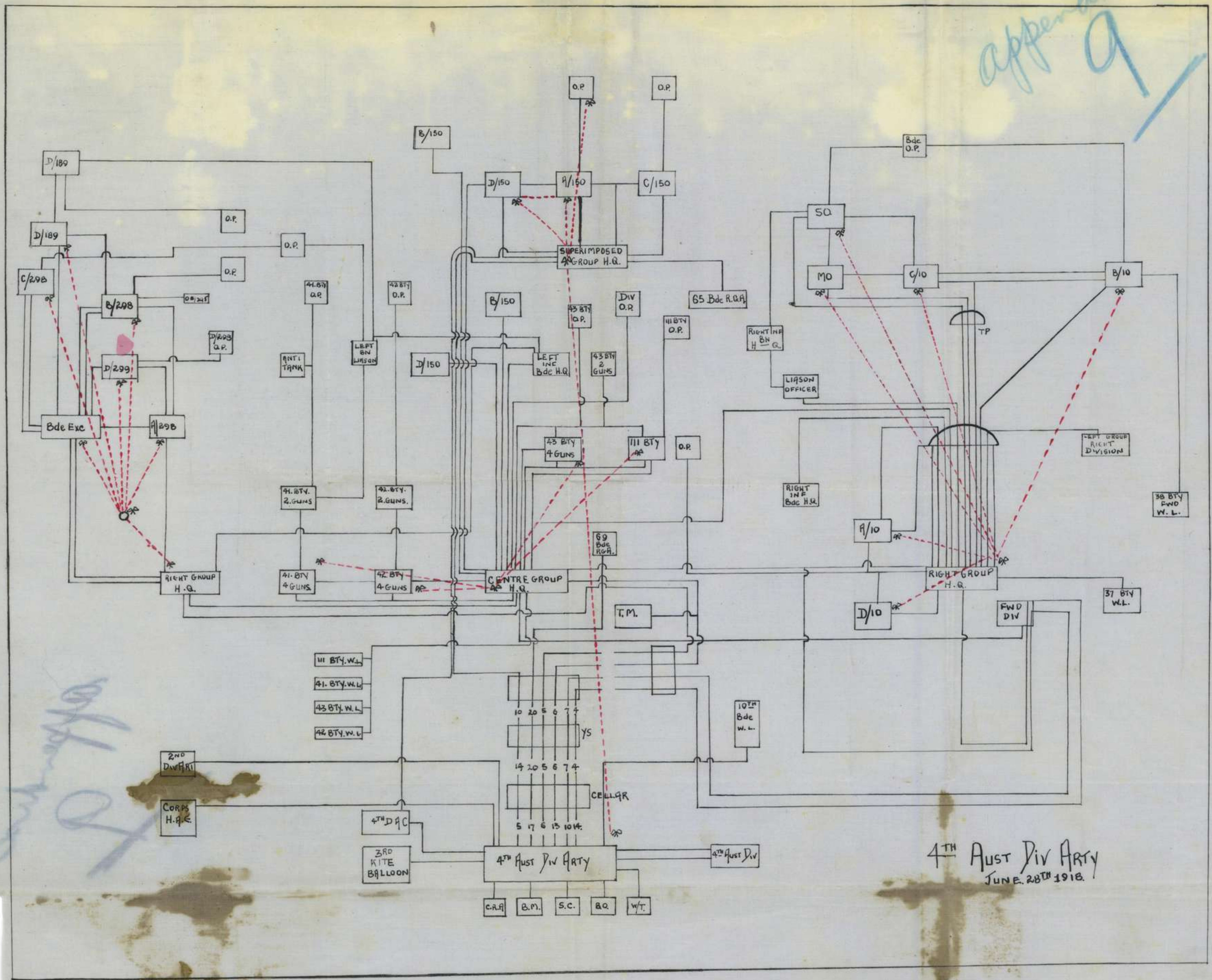
JUNE 1918.

4<sup>TH</sup> AUS. DIV. ARTY

Appendix 8



appendix 9



4th Aust Div ARTY  
JUNE 28th 1918.







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4th. AUSTRALIAN DIVISIONAL EXCHANGE.

Appendix 10  
10

Right Brigade.  
5th. Aust. Div. Artillery.  
G.S.O., (1)  
G.O.C.  
"G" Staff.  
A.D.M.S.,  
"q" Staff.

Superintendent  
Message 'Phone,

Left Bde, Rear H'qtrs.

ADVANCED EXCHANGE.

F F. (Test box)  
Advance Exchange,  
Right Brigade.  
Left Brigade,  
Left Brigade,  
Australian Corps,  
Left Division,  
Right Bde. Rear H'qtrs,  
Reserve Bde,  
Australian Corps,  
Australian Corps.  
Right Division,  
D.A.D.C.S.,  
S.A.A. Dump,  
D.A.D.C.S. 5th. Aust. Div.,  
"A" Branch,  
Div. Train,  
Pioneer, 5th Aust. Div.  
G.C., Signals,  
H Special Coy R.E.,  
39th. Labor Coy

13th. A.F.A. Bde,  
Right Bde.,  
5th. Aust. Div. Artty  
F F (test box)  
4th. Field Coy  
4th. Aust. Div. Exchange.,  
4th. Aust. M.G. Battn.,  
14th. A.F.A. Bde.,  
50th. Bn.,  
4th. M.G. Coy.,  
13th. A.F.A. Bde.,

C.R.E.  
4th. M.G. Bn.,  
5th. Aust. Div. Artillery,  
Signal Service line.

6th. June 1918

Diary







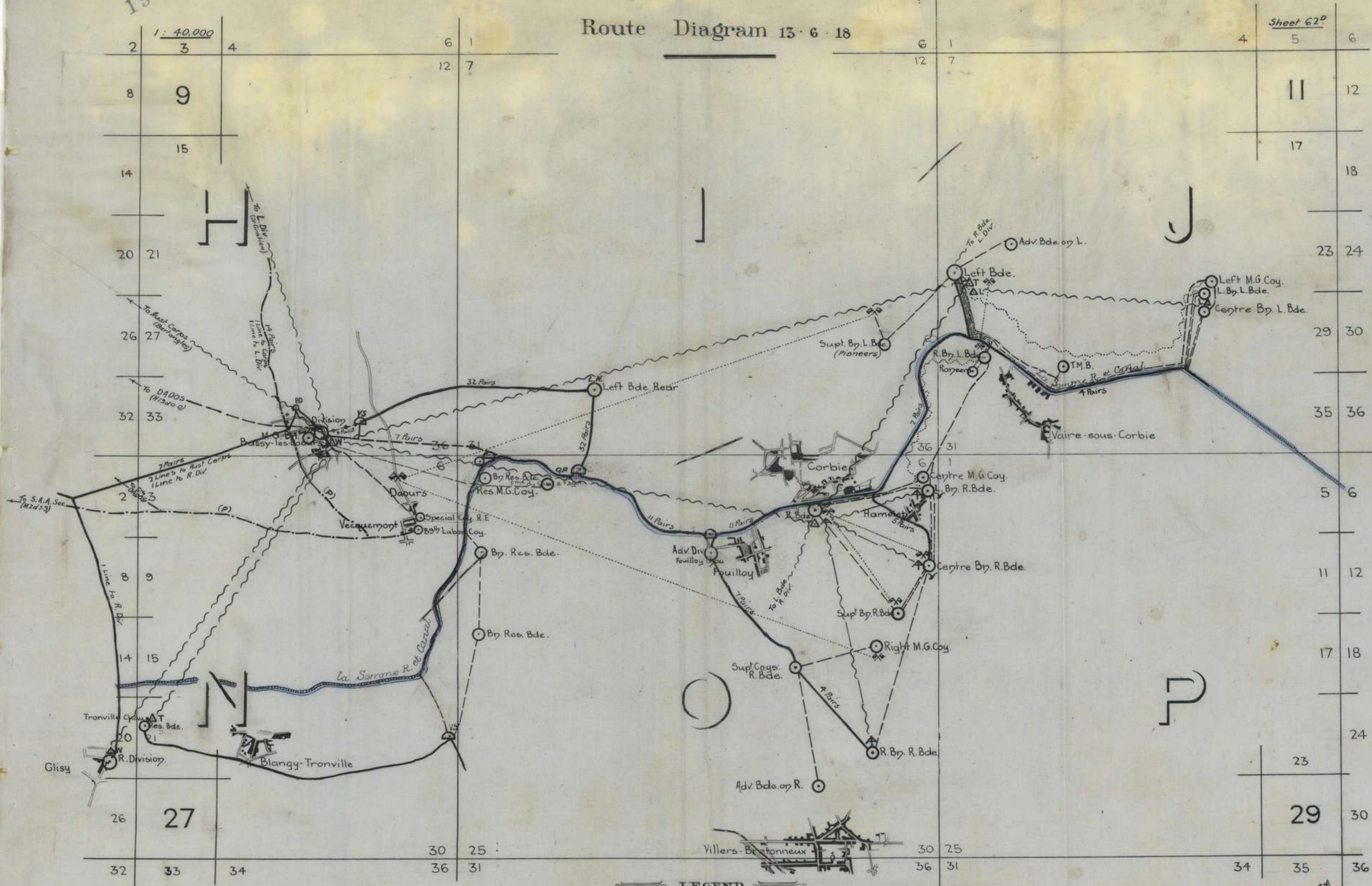
# COMMUNICATIONS 4<sup>TH</sup> AUST. DIVISION

APPENDIX 1230

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Route Diagram 13.6.18

Sheet 62<sup>D</sup>



**LEGEND**

○	Rubber Route	△	Visual Stp.
⊙	Loop Set W/T Stp.	↑	Route between Visual Stps.
⊖	Pwr. Buzzer & App. Stp.	⋯	Pigeon Stp.
—	Route between W/T Stps, Spark		
- - -	" " P.B. & App. Stps.		
⋯	Wilson set W/T Stp.		
△W	Trench set "		
△T			



# COMMUNICATIONS 4TH AUSTRALIAN DIVISION

Route Diagram 13 & 18



### LEGEND

- Signal Office
- Test Box
- Batter Cable Route
- Private Cable
- Wireless WT Set
- Loop Set WT Set
- Pvt. buzzer & light set
- Route between WT sets
- R.B. & light set
- Visual set
- Route between Visual sets
- Visual set

COMMUNICATIONS

1917



Com 1931  
 2/10/1931

# COMMUNICATIONS

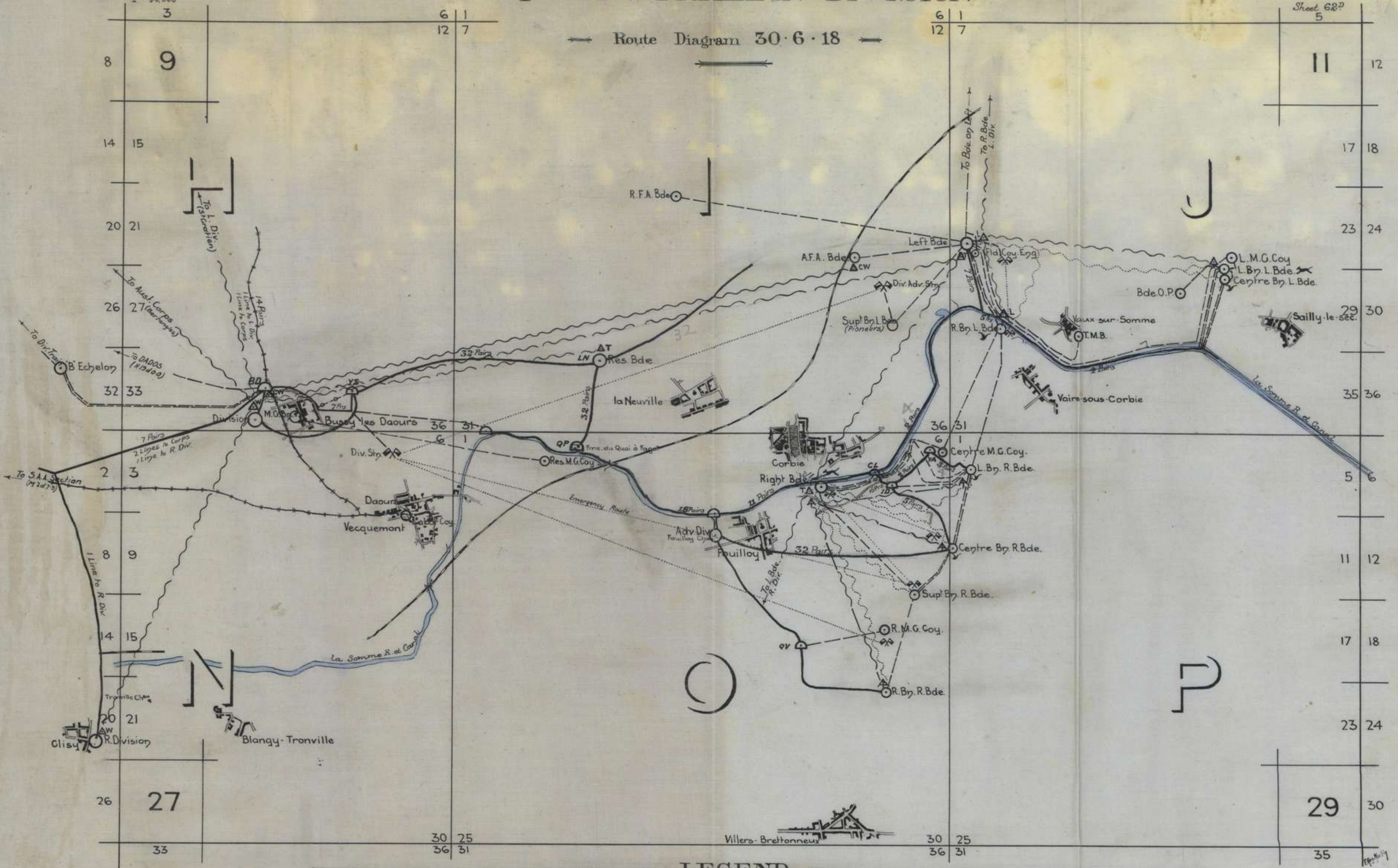
## 4<sup>TH</sup> AUSTRALIAN DIVISION

197

1:40,000

Sheet 68<sup>D</sup>  
 5

Route Diagram 30.6.18



LEGEND			
Signal Office		Trench Set W/T Stp.	
Test Box		C.W. Set	
Buried Cable Route		Loop Set	
Permanent		Power Buzzer & App. Stp.	
Poled Cable		Route between W/T Stps. spark	
Wilson Set W/T Stp		Route between " " Continuous wave.	
		Route between PB & App. Stps.	
		Rubber Route	
		Visual Stp.	
		Route between Visual Stps.	
		Pigeon Stp.	
		Dog Stp.	

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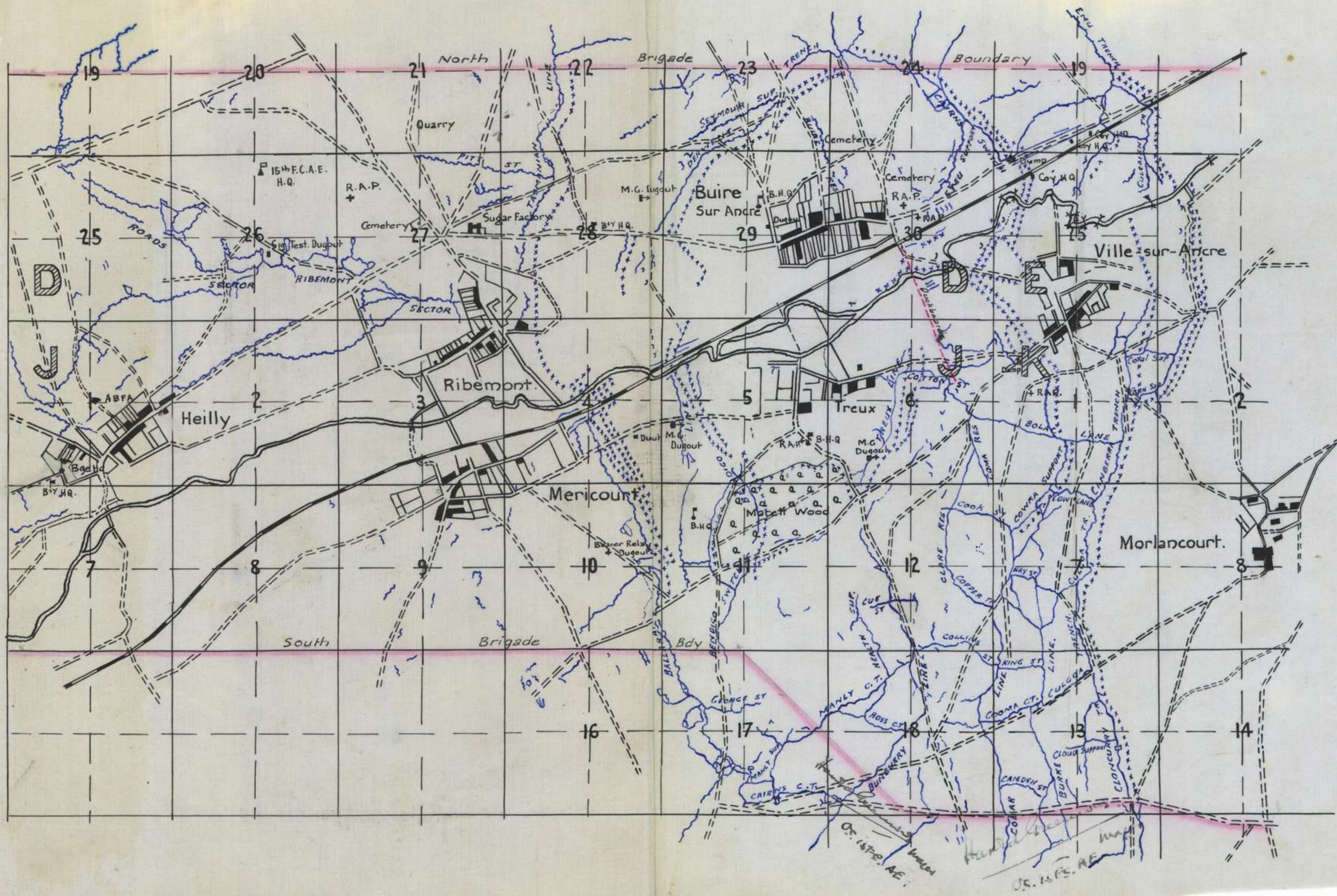


# 15<sup>th</sup> Field Company A.E.

PART. FRANCE 62° N.E.

Trenches and Wiring shown in blue. Duckboards in red.

Scale 1 : 20000.



APPENDIX /



197

24

21

24

APPENDIX 14<sup>32</sup>  
22

COMMUNICATIONS  
 11" A.F.A. AS  
 CENTRE GROUP  
 27-6-18  
 --- GROUND LINES  
 ~~~ WIRELESS  
 VISIBLE TO ALL BATTERIES

D  
J

appendix  
14

6

3

6

4

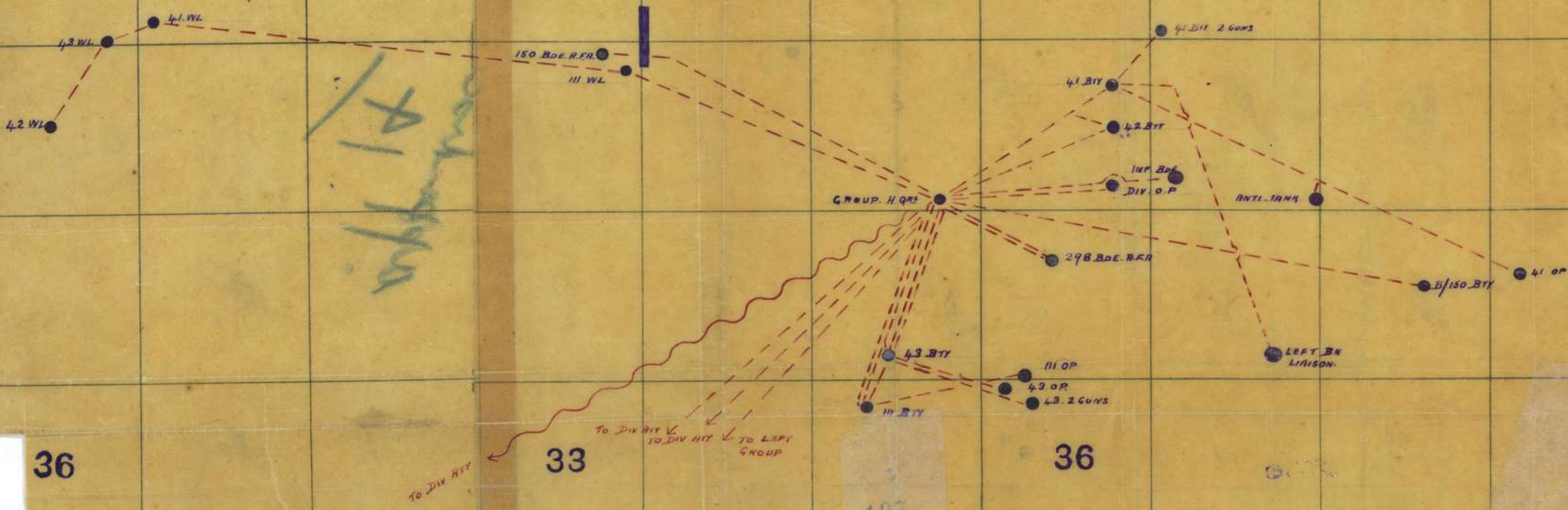
18

31

15

18

16



36

33

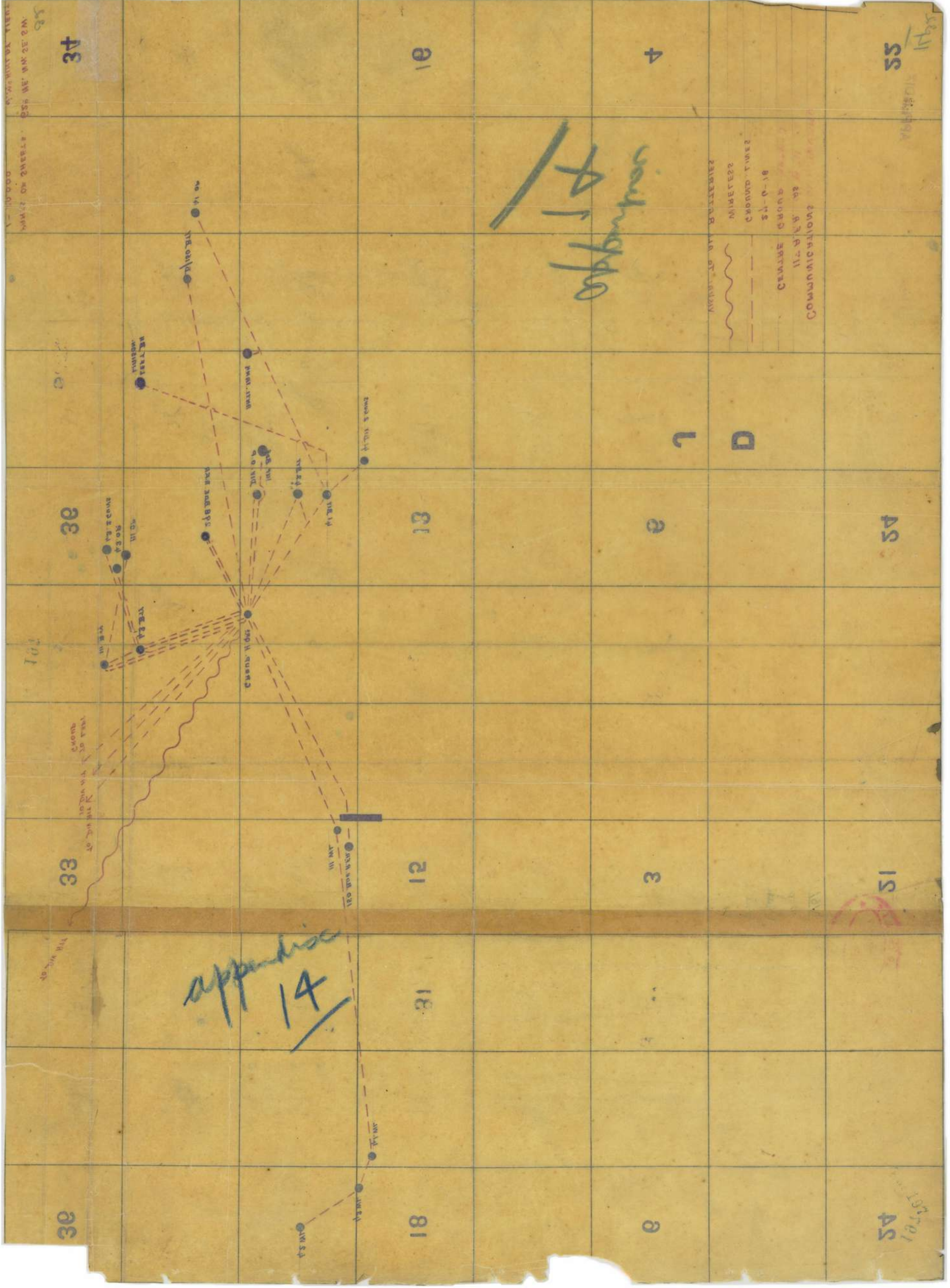
36

34

197

PARTS OF SHEETS. 62° NE. NW. SE. SW.  
 1:50,000  
 J.M. HINLEY LIAISON





10000  
SCALE OF SHEET  
250 METERS

34

18

4

55

36

18

8

54

33

21

3

52

30

18

8

54

Appendix  
14

14

LEGEND  
 METERS  
 CROSSROAD TUNNELS  
 50-100  
 CEMETERY GROUNDS  
 COMMUNICATIONS

L  
D

1485

1485



A.D., SIGNALS,  
 AUSTRALIAN CORPS.  
 -----



appendix  
 15

Reference your T 41/4 of 8/6/18.

It is recommended that, if possible, 7 pair brass be made with each leg under separate insulation as in quad.

Conductor to be at least size 18 copper.

The present 7 pair brass conductor is too light for Morse circuits.

-----  
 Lead cable is not suitable for burying forward of divisions excepting in rare cases where ground is fairly open and work can be done in daylight.

-----  
 Quad iron armoured is not suitable for overland work, as it takes longer to lay out than D 5 or D 8, and is a great deal harder to maintain and repair quickly.

-----  
 7 quad brass sheathed cable should prove highly satisfactory even if 50% heavier than 7 pair brass, especially if made on the same principle as quad cable, i.e., each wire under a separate rubber insulation. Each wire being under a separate rubber insulation would save both the silk and enamel insulation on the present 7 pair brass sheath cable. Silk insulation is useless where cable is liable to get damp, and it tends to short circuit the pairs in the present 7 pair cable.

-----  
TO BE STANDARDISED.

7 pair brass sheath each wire under separate rubber insulation, No. 18 conductor without silk and enamel insulation.

Quad brass sheath similar to above with No. 16 conductor.

7 pair quad brass sheath as in 7 pair brass sheath.

Quad to be used as pilot pairs

10th. June 1918

*C. J. P. W.* Capt.  
 A/O.C., 4th. Aust. Div. Sig. Co