

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

Signals

Item number: 22/12/19

Title: 2nd Australian Division Signals
Company

July 1918



AWM4-22/12/19

CONFIDENTIAL.

ORIGINAL.
~~DUPLICATE.~~
~~TRIPLICATE.~~

END
AUSTRALIAN DIV.
SIGNAL COMPANY.

Australian Imperial Force.

WAR DIARY

OF

Second Australian Divisional Signal Company

FOR

JULY 1918

Signature of Officer compiling *R. P. Quinlan R.*

Signature of Officer Commanding *L. H. Watson, M. J.*

CONFIDENTIAL.

SECOND AUSTRALIAN DIVISIONAL SIGNAL COMPANY

WAR DIARY - JULY, 1918

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.

Sheet No. 1

INTELLIGENCE SUMMARY

Original
~~Duplicate~~
~~Triplicate~~

2ND
AUSTRALIAN DIV.
SIGNAL COMPANY.

84

Map references

Sheet 62 SW, SE. (Erase heading not required.)

1/20,000

Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
GLISY	1st	-	Company personnel being paid. Enemy Enemy quiet, visibility poor. Visual Signal Stations not working too satisfactorily. 15 reinforcements regimental Signallers examined at Divisional Reinforcement wing prior to rejoining their Units. The standard of efficiency all round was good. O.C., Signals 6th. A.I. Bde shown over the 5th A.I. Bde Area prior to taking over. 4th A.F.A. Bde Signal Section prepared telephone communication for a raid in the ST-GRATIEN Divisional Area. Identification and number of prisoners passed to Artillery Group Headquarters by Zero plus 3 minutes. 580 yards of cable buried on the CH - DS route by party of 400 diggers. Casualties, one other rank killed. Visibility poor gradually becoming fair.	
	2nd	-	O.C., Signals 5th. A.I. Bde handed over to Sigs, 6th A.I. Bde in left Brigade Sector of the Divisional Area, and reopened office at GLISY. 12 other ranks of the 5th. A.I. Bde Section sick with Spanish Flu, and put into Regimental Hospital. The Prime Minister of Australia visited 2nd Aust. Division and gave several speeches. Two messenger dogs released by 7th. Aust. Inf Bde failed to return to their kennels. Enemy aircraft active, but prevented from patrolling our area by anti-aircraft fire. Residue of Headquarters, Wireless and No. 1 Sections paid. During the afternoon visibility was good. Advantage was taken of such to utilise visual stations a good deal of traffic being disposed of by this means. The enemy has been quiet again today, his artillery has shown little activity. No cable burying party today, owing to pending operations.	
GLISY	3rd	-	Bathing carried out by 5th. A.I. Bde Signal Section after withdrawal from line. O.C., Signals 6th A.I. Bde Section visited forward areas all day, making arrangements for about ^{operation} on morning of 4-7-18. At 10 p.m., a Brigade Battle Headquarters was formed at O.24-c.3.3., just North of VILLERS - BRETONNEUX. Difficulty experienced in running lateral line from this point to the 4th. A.I. Bde on left flank. O.C., Signals 4th, and 5th A.F.A. Bdes under 5th Aust. Div in the ST-GRATIEN Area also prepared communication for pending operation operation. O.C. M.G. Bn Signal Section laid three lines to three temporary M.G. Batteries in P.19-c. Divisional Directing Wireless Station moved to Better position in the town, the old office being too badly ventilated and lighted.	
GLISY	4th	.	New Code Calls brought into use within the Division. Successful operation carried out by the 6th. A.I. Bde in co-operation with Division on our left, communications holding well (see appendix). The value of message rockets was demonstrated by their successful use in the right Battalion area during this operation. Brigade Signal Schools at Brigade Nucleus Battalions being arranged for by Brigade Section Officers and O.C., Signals 2nd Aust. Div. Artillery.	

SECOND AUSTRALIAN DIVISIONAL SIGNAL COMPANY

WAR DIARY - JULY , 1918-

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Sheet No. 2

INTELLIGENCE SUMMARY.

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Original.
Duplicate
Triplicate.

2ND
AUSTRALIAN DIV.
SIGNAL COMPANY.

Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
Glisy	4th	-	(continued) 6th.A.I.Bde School started under Lieut. H.R. Stafford , 22nd Battalion. O.C., Sigs 45th. A.F.A. Bde arranged for Signal Station with Lucas Lamp to be at Brigade Forward O.P. for purpose of picking up forward Observing Officer , who went "over the top" with the Infantry in the attack., but pigeons had to be used owing to haze during the bombardment . At 5-30 a.m. this Visual Station picked up a Hun Signaller who was sending a message by lamp , in the direction of Morlancourt . The Message was forwarded to Brigade Intelligence Officer.	
GLISY	5th	-	O.C., Signals 5th. A.I. Bde visited 6th. Bde Section prior to taking over. Arrangements xxxxixix also* being made by Brigade Section Officers for commencing Signal Schools at their respective Brigade Nucleus Battalions. A party of 185 diggers reported from the 5th A.I. Bde , and 230 yards of cable was buried on the AY - FY Route . Work was delayed owing to shortage of shovels.	
GLISY	6th	-	5th. A.I. Bde Section moved from GLISY at 5 p.m. to relieve 6th. Bde Section in the line * at O.25-c-6-3., completing relief by 8 p.m., and 6th Bde Section opened Signal Office at GLISY in reserve . O.C., Signals 5th. A.F.A. Bde arranged new lateral communication to the 298th Bde R.F.A. and Brigades on flanks. Minor operation carried out by peaceful penetration and front line advanced to a depth of approximately 200 yards.	
GLISY	7th	-	O.C., Signals 5th. A.I. Bde visited all Battalions in line , and put in hand work of clearing saps of old disused cables and stapling used cables to sides of saps. Candidates for the first Course at the Divisional Signal School , GLISY, reported during the day. Party of 200 diggers from 20th Battalion , 5th.A.I.Bde reported at 10 p.m. at O.28.c.85.30 , and 200 yards of cable was buried on the VBX - SN Route. Digging was exceptionally difficult , and the xp proportion of 1 pick to 2 shovels was found insufficient.	
GLISY	8th	-	6 men of the 6th. A.I. Bde Signal Section were sent to Regimental Hospital with Spanish Flue. Divisional Signal School commenced with Lieut. M.C. Bonnar , M.M. as O.C. School. Candidates consisted of 5 officers and 18 n.c.o.'s., from Units of the Division. Parties from the three Infantry Brigades , amounting to 430 other ranks reported for cable burying at O.28.d.3.4 , commencing work at 9-30 p.m. 470 yards of cable was buried on the VBX - SN Route , work being completed at 3 a.m. Ground was hard and difficult , the night was very dark with occasional heavy showers.	

SECOND AUSTRALIAN DIVISIONAL SIGNAL COMPANY.

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WAR DIARY - JULY, 1918-

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Sheet No. 3

INTELLIGENCE SUMMARY.

Original.
Duplicate.
~~Triplicate.~~

84

Reference Sheets
62 D, SW & SE

(Erase heading not required.)

Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
GLISY	9th	-	O.C., Signals 5th Bde with O.C., Signals 7th Bde visited all Battalions of the 7th A.I. Bde obtaining particulars of all existing communications. During the night of 8th/9th July, right Battalion of Left Brigade advanced its line about 500 yards, capturing 2 m.g.'s. Total of 500 diggers reported from the three Infantry Brigades, and 570 yards of cable was buried on the VBX - SN Route. Groundvery fair.	
GLISY	10th	-	O.C., Signals, Signal Brigades visited all 5th Bde Battalions instructing them with reference to the proposed visual Scheme. Party of 340 men reported from the three Brigades and buried 380 yards of cable on the VBX - SN route, ground very hard. Casualties 2 other ranks wounded.	
GLISY	11th	-	Party of 400 diggers reported and Buried 550 yards of cable on the BG - BY route. Another party of 300 diggers from three Brigades buried 400 yards of cable on VBX - SN - YR Route. Ground very fair, casualties nil.	
GLISY	12th	-	From 1 p.m. to 3 p.m., within the Divisional System, visual, wireless and D.R.L.S., were the only means of communication. All telephone and telegraph communication was suspended. This scheme to be carried out at different intervals, to develop this means of communication, and to prove its advantages and possibilities. variable weather conditions interfered with good working, but on the whole the sheme proved a success. Messages disposed of during visual period were as shown on appendix.	
			A party of 200 men buried 200 yards on the BG - BY Route. Another party of 100 men from 6th.A.I.Bde buried until 1 a.m. on the VBX - SN - SX route. Work was done satisfactorily. Owing to heavy shelling, party were forced to seek shelter three times.	
GLISY	13th	-	Visual Scheme carried out from 10 a.m. to 12 noon, and variable weather condiditons again prevailed, making visual communication fairly difficult. Visual Stations gradually improved, and scheme working more smoothly. Message rockets wxxxxxxx were used with good effect. A party of 390 men buried 460 yards of cable on the AY - FY Route, ground fair. Another party of 280 men reported from the three Brigades, and buried 259 yards of cable on the AY - FY route. Ground very hard, metal and numerous pipes being encountered. The 5th Bde party struck a mills bomb, which exploded causing 14 casualties.	
GLISY	14th	-	Visual Scheme carried out between the hours of 9 a.m. and 10 a.m.,; 11 and 12 noon., 1 and 2 p.m. 3 and 4 p.m., 5 and 6 p.m. Weather variable, tending to make communications diffie ult. xxx A party of 440 diggers buried 520 yards of cable on the AY - AR route. Cable was	

SECOND AUSTRALIAN DIVISIONAL SIGNAL COMPANY.

CONFIDENTIAL

WAR DIARY - JULY, 1918-

Original

Army Form C. 2118.

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Sheet No. 4

INTELLIGENCE SUMMARY.

(Erase heading not required.)

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Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
GLISY	14th	-	(continued) led into AR Test Point, and all lines tested o.k. Ground fair. A party of 270 diggers from the 3 Brigades buried 230 yards of cable on the AY - AR Route. Ground fairly difficult. No Casualties. The Right Battalion of the Right Brigade attacked enemy, and captured MONUMENT WOOD, and portion of a trench beyond.	
GLISY	15th	-	Visual Scheme proposed between 10 a.m. and 3 p.m. but was discontinued between about 11 a.m. Rockets were again used as a means of communication, and proved very ex satisfactory. 2/Lieut. W.R. Parkes of the 129th American Infantry Regiment, was shown over the 5th A.I. Brigade communications by 5th A.I. Bde Signal Officer. Signals 5th A.F.A. Bde moved to new position in the line preparatory to relieving the 7th A.F.A. Bde Signal Sub-Section (3rd Au s.Div) 2nd Aust. Div. Artillery Signals were relieved at ST - GRATIEN by the 5th Div. Artly signals, and opened at GLISY, "A" Divisional Area, relieving 3rd D.A. Signals who opened at BUSSY. A party of 400 diggers buried 500 yards of cable on the AY - FY Route, and another party of 250 diggers reported from the 3 Brigades, and buried 230 yards of cable on the AY - FY Route	
GLISY	16th	-	The Right Brigade attempted to establish line of posts forward of their position, but owing to heavy opposition they were forced to withdraw. At 10-30 a.m. 2/Lieut T.M. Price took over command of the 7th A.I. Bde Signal Section from Lieut. J.C. Price, who was despatched as an Instructor to the American Signal School, near ALLONVILLE. Capt F.U.J. Tinkler, M.C. also proceeded to this School as O.C. of the School. 5th.A.F.A. Bde Signal Sub-Section relieved 7th A.F.A. Bde Sub-Section in the line at O.19-b.19.20.	
GLISY	17th	-	At 5 p.m. the Right Brigade advanced its line to a depth of 1000 yards. Considerable opposition was experienced. During the xxxx operation communications were excellent. Gas shelling was very heavy, in all about 10,000 gas shells fell in our lines. A party of 400 diggers buried 400 yards of cable on the AF - AR route. Ground fair, No casualties.	
GLISY	18th	-	At 10-15 a.m. the 7th Brigade Forward Signal Party moved back from Forward position to Brigade Headquarters. Heavy shelling was experienced on communications, necessitating one line being repaired 3 times. A party of 500 diggers buried 335 yards of cable on the AF - AD route. Ground fair.	

SECOND AUSTRALIAN DIVISIONAL SIGNAL COMPANY.

CONFIDENTIAL,

WAR DIARY - JULY, 1918

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Duplicate.
Triplicate.

Army Form C. 2118.

Instructions regarding War Diaries and Intelligence Sheet No. 5
Summaries are contained in F. S. Regs. Part II
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or
INTELLIGENCE SUMMARY.

(Erase heading not required.)

Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
GLISY.	19th	-	6th. Bde Signal Section relieved the 7th. Bde Sig. Section in the line at 8 p.m., and 7th Bde Section opened Signal Office at GLISY. Bathing parade for latter section was held for the latter section on arrival in the village. New cable laid from Reserve Battalion 5th Bde to Bde	
	20th	-	O.P., and old line salvaged; this route was diverted to avoid a heavy shelled area. 5th.A.F.A. Signal Section established visual communication with the 6th A.I. Bde. Visual and Wireless communications maintained throughout the Divisional Area.	
GLISY	21st	-	Divisional Artillery Signal School commenced at GLISY. O.C., Sigs 5th A.I. Bde visited Rear Brigade Headquarters finding things satisfactory. Sections notified of the attachment of a number of Americans for training and experience.	
GLISY	22nd	-	1 Officer and 26 men of the 65th American Brigade Field Signal Platoon attached to the Company for training., and were distributed to different Sections.	
GLISY	23rd	-	O.C., Signals 7th Bde visited all Battalions of his Brigade and tested rocket means of communication finding same satisfactory for distance of 1800 to 2000 yards. O.C., Signals Divisional Artillery established visual stations at D.A.H.Q., and at the central Visual Stn. About 5000 gas shells fell near VILLERS - BRETONNEUX during the night. This necessitated 5 linesmen wearing their box respirators for 5 hours. These men were not effected by the gas.	
GLISY	24th	-	Lieut Strahan, O.C., Signals 126th American Regiment shown over the Divisional Area by Brigade Section Officers. Divisional Signal School progressing well.	
GLISY	25th	-	C.W. (Continuous Wave) Wireless working established between Left Sub-Group Artillery and Battery positions.	
GLISY	26th	-	C.W. Communication established between 5th. A.F.A. Bde O.P. and Brigade at 3 p.m. O.C. Sigs 5th A.F.A. Bde visited Battery Wagon lines and gave a lecture on the use of 'phones. 88th F.F.A. Bde Sub-Section relieved by the 6th.A.F.A. Bde Sub-Section. Arrangements made with Battalions of 7th A.I. Bde for practice with Popham Panels at a later date.	
"	27th	-	200 diggers from 5th A.I. Bde and 75 diggers from 7th A.I. Bde buried 420 yards of cable on the SX - SY Route. Casualties - 5 other ranks by machine gun fire. Visual Signalling still working well, and a fair amount of traffic disposed of.	

SECOND AUSTRALIAN DIVISIONAL SIGNAL COMPANY.

WAR DIARY - JULY, 1918.

Original
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Army Form C. 2118.

CONFIDENTIAL

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Sheet No. 6

INTELLIGENCE SUMMARY.

(Erase heading not required.)

Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
28th	GLISY.	-	O.C., Signals 53rd American Division and 5 American Signal Officers arrived at 10 a.m. to be shown over the Communications of the Divisional Area. Shown over the communications to all Battalions, and also the test points on the buried cable routes. 220 diggers from the 7th A.I. Bde buried 270 yards of cable on the AF - DG Route. Another party from the three Infantry Brigades buried 900 yards of cable on the SY - SX route. These parties were composed mainly of Americans, and a little delay was caused owing to these men not having definite instructions regarding the work expected of them. Casualties 30 other ranks, killed and wounded. Most of these casualties were inflicted on the parties on the way up to their tasks.	
GLISY	29th	-	Party of 200 diggers from the 7th A.I. Bde buried 252 yards of cable on the AF - DG route. Soil was very chalky and digging hard. Casualties - 1 killed and 4 wounded. Another party of 555 diggers buried 700 yards of cable on the SZ - DE Route. Cable was led into and out of SZ Test Point. Parties worked well - casualties 1 other rank wounded.	
GLISY	30th	-	A party of 190 diggers from the 7th A.I. Bde buried 260 yards of cable on the AF - DG - DH AF - DG - DH Route. Digging was hard on account of the chalky nature of the ground. Another party of 500 diggers buried 500 yards of cable on the SZ - DE - KR route. Parties were again composed mainly of Americans, and difficulty was experienced owing to the lack of instructions given to them regarding the work.	
31st.	GLISY.		298th XXXX Army R.F.A. Bde Sig. Section xxx relieved by the 5th A.F.A. Bde. A successful practice was carried out by the 7th A.I. Bde Signal Section and Battalions of the 7th A.I. Bde in reserve, with the "T" Popham Panel: Messages were read by the planes at Battalion dropping stations and taken back to the Brigade Headquarters Station. Party of 200 diggers from the 7th A.I. Bde buried 260 yards of cable on the DG - DH route. Digging was again hard on account of the chalky ground. Another party of 530 men from the three Infantry Brigades and 415 yards of cable was buried on the DE - KR Route. Casualties 6 other ranks.	

WAR DIARY

OF

Second Aust. Div'n'l Sig Coy

FOR

JULY 1918

LIST OF APPENDICES.

No.	Subject.
1.	- Summary of Results of Visual Signalling Scheme. (3 copies).
2.	- Syllabus of Training at Divisional Signal School. (3 copies)
3.	- Report on Communications during Operation of 4th July. (2 copies)
4.	- Buried cable Diagram - GLISY Area. (1 copy).
5.	- Diagram showing extra lines allotted for Operation on 4th July. (3 copies).
6.	- Graph showing Message Traffic. (1 copy).
7.	- " " Company Strength & Petrol consumption, for Motor Cycles and Lorries. (1 copy).
8.	- Diagram of Visual Communications - GLISY Area. (1 copy).
9.	- " " Wireless Communications - GLISY AREA.

SECOND AUSTRALIAN DIVISIONAL SIGNAL COMPANY.

SUMMARY OF OPERATIONS.

JULY - 1918

ORIGINAL

1.

Every effort was made on taking over in this Divisional Area to improve the existing ground cable communications, and to push on with the buried cable scheme for the area laid down by the Australian Corps.

Working parties were asked for immediately, and the completion of certain routes put in hand.

In the Left Brigade Sector, the cable route was pushed forward from CH Test Point, to DS; and then a route in the Right Bde Sector was commenced from VBX, running to SY Test Point.

A lateral route was constructed from SY to DE Test Point, joining up to KR.

A deep bury was put down between BG and BY Test Points in addition to the shallow bury already in existence. Thus giving the two Brigades in line more reliable communication.

A route for use of Artillery Brigades and Batteries was also commenced from BG, running to CH Test Point.

A lateral bury was completed by a Corps Working party from AY to FY, thus giving good lateral communication to the Division on the left. The latter route completed the scheme of buried cable except for a lateral route which is to run from DE to PV Test Point.

2. A scheme for the training of Regimental Signallers was commenced by establishing Signal Schools at the three Brigade Nucleus Depots and the Divisional Ammunition column.

Personnel were chosen from Battalions for these Schools and trained to a standard of signalling sufficient to pass on to the Divisional Signal School. Courses at the Divisional Signal School last from 4 to 6 weeks, and are for Officers a N.C.O's only; training them to a standard of signalling sufficient to pass the entrance test at a Corps or Army Signal School.

3.

A scheme for transmitting all traffic by Visual, Wireless or Rockets proved fairly satisfactory, and improved the working of these methods of communication considerably.

A summary of the messages by the various means is given in appendix _____.

R. Watson Major.
O.C., 2nd Aust. Div. Sig. Coy.

From:- 2nd Aust. Div. Signal Company.

To :- 2nd Aust. Division.

W.500.
Headquarters,
15th. July.
1918.

1

In reply to G.37/608 of 9-7-18

VISUAL SIGNALLING.

1. In accordance with para 2, (ii) of the above letter, all telephonic and telegraphic communication within the Divisional Area ceased between certain hours, as follows:-

From	1 p.m.	to	3 p.m.	-	12th July.
From	10 a.m.	to	12 noon	-	13th July.
From	9 a.m.	to	10 a.m.)		
	11 a.m.	to	12 noon)		
	1 p.m.	to	2 p.m.)	-	14th July.
	3 p.m.	to	4 p.m.)		
	5 p.m.	to	6 p.m.)		

2. The attached tables show the Visual and Wireless traffic handled during the above hours by Signals Offices at Division, Infantry Brigades and Artillery.

3. Variable weather conditions during the three days on which the trials were carried out interfered with good working. This was felt more in this Divisional Sector than in most previously occupied by this Division.

In some instances, owing to the topographical features, the distances between Stations were greater than advisable, and in others, the stations were too close to one another. Also dust, gun smoke and morning mists interfered with the working and made visibility generally poor.

It was found, more particularly with regard to the Artillery Signal Sections, that the effort to maintain all means of communication visually threw too great a strain upon the personnel, they having to be recalled from line test stations, and cable test points to man Signal Stations.

A general improvement in procedure and rapidity with which traffic was handled was noticed. It was found, during the periods on 12th, 13th and 14th, that Staffs and Units rushed their traffic before and after the periods set out.

On the 15th therefore, telephonic and telegraphic communication was cut off without previously advising Staffs and Units. As a result, the number of priority telephone calls increased greatly.

1 P.M. to 3 P.M. - 12-7-18.

Signal Office.	Visual			Wireless	By D.R.L.S.
	S.M.	X.M.	S.G.		
5th. A.I. Bde	10	-	-	-	1
6th. A.I. Bde	6	-	-	-	-
7th. A.I. Bde	1	-	-	1	-
2nd Aust. M.G. Bn	-	-	-	-	-
3rd D.A.H.Q.	-	-	-	-	-
"R" Group	6	-	-	-	-
"L" Group	-	3	-	-	-
2nd D.H.Q.	5	-	4	2	1
Division - Bde Trans- mitting Station	1	6	-	-	-
TOTALS	29	9	4	3	2

10 A.M. to 12 NOON - 13-7-18.

Signal Office	Visual			Wireless	By D.R.L.S.
	S.M.	X.M.	S.G.		
5th. A.I. Bde	6	-	-	3	-
6th. A.I. Bde	6	-	-	-	-
7th. A.I. Bde	3	-	-	1	-
2nd Aust. M.G. Bn	-	-	-	-	-
3rd D.A.H.Q.	-	-	-	-	-
"R" Group.	9	3	-	-	-
"L" Group.	6	-	-	-	-
2nd D.H.Q.	4	1	1	2	3
Division-Brigade) Transmitting Stn)	-	7	-	-	-
TOTALS	34	11	1	6	3

Every alternate hour from 9 a.m. to 6 p.m. - 14-7-18.

Signal Office	Visual			Wireless	By D.R.L.S.
	S.M.	X.M.	S.G.		
5th. A.I. Bde	12	-	4	2	-
6th. A.I. Bde	1	1	-	-	-
7th. A.I. Bde	28	-	4	4	-
2nd Aust. M.G. Bn	1	-	-	-	-
3rd D.A.H.Q.	3	-	-	-	-
"R" Group	-	-	-	-	-
"L" Group	3	-	-	-	-
2nd D.H.Q.	13	-	-	7	2
Division-Brigade) Transmitting Stn)	1	27	3	-	-
TOTAL	62	27	11	13	2

2

SECOND AUSTRALIAN DIVISIONAL SIGNAL COMPANY.

 SYLLABUS OF TRAINING.
 DIVISIONAL SIGALLING CLASS OF INSTRUCTION.

ORIGINAL
 Headquarters,
 6th. July. 1918.

Commencing 8th July, 1918.

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY.
9 A.M. to 10 A.M. Lucas Lamp	Shutter & Flag	Buzzer practice	Buzzer practice	Shutter & Flag	9 a.m. to midday Tests to be conducted on "A" Group.
10 A.M. to 11 A.M. Shutter & Flag	Buzzer practice	Shutter & Flag	Shutter & Flag	Buzzer practice	
11 A.M. to 12 noon Buzzer practice.	Lucas lamp	Lucas lamp	Buzzer practice	Lucas lamp.	
2 P.M. to 4 P.M. Group "C"	Group "C"	Group "C"	Group "B"	Group "C"	-
4 P.M. to 5 P.M. Buzzer practice	Lucas lamp	Buzzer practice	Lucas lamp	Buzzer practice	-
8 P.M. to 9 P.M. Lucas lamp	-	Lucas lamp	-	Lucas lamp.	-

GROUPS.

GROUP "A"

Instructors
 Lieut. Bonnar, M.M. { Visual signalling - Lucas Lamp, Shutter & Flag.
 Sgt Bunn { Buzzer practice & Fullerphone.
 Sgt Patterson
 Sgt Townsley

GROUP "B"

Instructors,
 Lieut. Price. { Signalling general.
 Sgt Tunn. { D.R.L.S. & Runners.
 Sgt Patterson. { Pigeons & Messenger dogs.
 Sgt Townsley { Message rockets. Message transmission
 "I" Popham Panel.

APPENDIX

2

11

Instructors.

Lieut. Bonnar, M.M.
Sgt Dunn.
Sgt Patterson.
Sgt Townsley.

GROUP " C "

{ Elementary electricity & magnetism
Lines - construction and mainten-
ance . Buried cable.
Connecting & adjusting all tele-
phone and telegraph instruments.
Switchboard operating.
X Intercommunication generally.
Map reading.

GROUP " D "

Instructors.
Lieut. Harrison, M.C.
Cpl, Guy, M.M. & Bar.

{ Wireless working.
Power Buzzer and Amplifier.
Trench , Wilson, C.W., and
Loop Sets.

All work to be progressive.

Test to be conducted on work of "A" Group each Saturday morning from 9 a.m. to midday , and the results forwarded to O.C., Signals same evening.

Group "A" will be formed into "A" and "B" Classes. In connection with "D" Group , O.C. School will arrange for instruction in subjects of Group "D" when classes are sufficiently far advanced for this work.

L. H. Watson Major.
O.C., 2nd Aust. Div. Signal Company.

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APPENDIX

11

12

84

APPENDIX 3

Report on Communications during
Operation of the 4th instant.
6th. A.I. Bde Sector

3
ORIGINAL

1. Lines. Three Battalions of the Brigade were connected to Brigade Battle H.Q. on the buried system which worked without a fault.

The Right Line Battalion was connected by three overland cables laid in alternate routes ; also by lateral lines to the right and left Battalions. At no time during the operation were all these lines down.

Lines through the bury back to 2nd and 4th Divisional Headquarters held throughout , and all traffic from the Brigade Battle H.Q. was transmitted by a telegraph instrument without any delay.

Lateral lines to both Right and Left Brigades worked well during the whole operation.

Forward of Battalion Headquarters , battalion signallers , advancing with the third wave , ran out two lines, (one in the right Battalion and one in the left Battalion areas) from the original front line to the Company Headquarters in the final objective. These lines held particularly well in the Left Battalion area , and no other means of communication had to be resorted to. In the Right Battalion area , the line did not hold , and owing to the enemy barrage , could not be put through for some hours. Meanwhile messages were sent back to Battalion Headquarters by message rocket and Lucas lamp.

A Brigade O.P. was established in a good position about 200 yards behind our original front line , and was connected to Brigade H.Q. by an overland line from cable head. This line was maintained by two Brigade Section linemen, and much valuable information received.

2. Visual. A pre-arranged Scheme for signalling by helio (to 4th. Div. Visual Station) and Lucas lamp was in readiness to take the place of telephone communication if necessary. This was only necessary in the Right Battalions forward area.

3. Wireless , Power Buzzer and Amplifier.

A complete chain of Power buzzer , Amplifier and Wireless working was arranged from our original front line back to Divisional Headquarters and Falk Brigades.

Traffic from Battalions on immediate Brigade left flank was received and transmitted by this P.B. & A chain.

4. Pigeons. Each attacking company carried two pigeons , and each line Battalion H.Q. were supplied with two birds.

Four birds were also kept in reserve at Brigade Battle Headquarters. This supply proved to be quite sufficient.

(2).

5. Messenger Dogs. Each line Battalion was supplied with one dog , but they were not sent forward.

6. Message Rockets. Two rockets were distributed to each attacking Company . Two were used by the 23rd Battalion on the right , and proved quite successful , the messages being received at Battalion Headquarters O.K. It is therefore considered that in future operations , the supply should be much greater than on this occasion.

7. Runners: Runners were held in readiness at each H.Q., to be used when all other means of communication had failed.
Where distances were greater than 600 to 800 yards , relay stations were put out.

8. Contact Patrols. Flares were distributed to attacking Companies in the proportion of 1 flare to every 2 men. Flares were lit when called for by aeroplanes.

Dropping Stations were located at each attacking Battalion Headquarters , and Brigade Battle Headquarters - no messages were dropped.

L. Watson

O.C., 2nd Aust. Div. Signal Company. Major.

APPENDIX

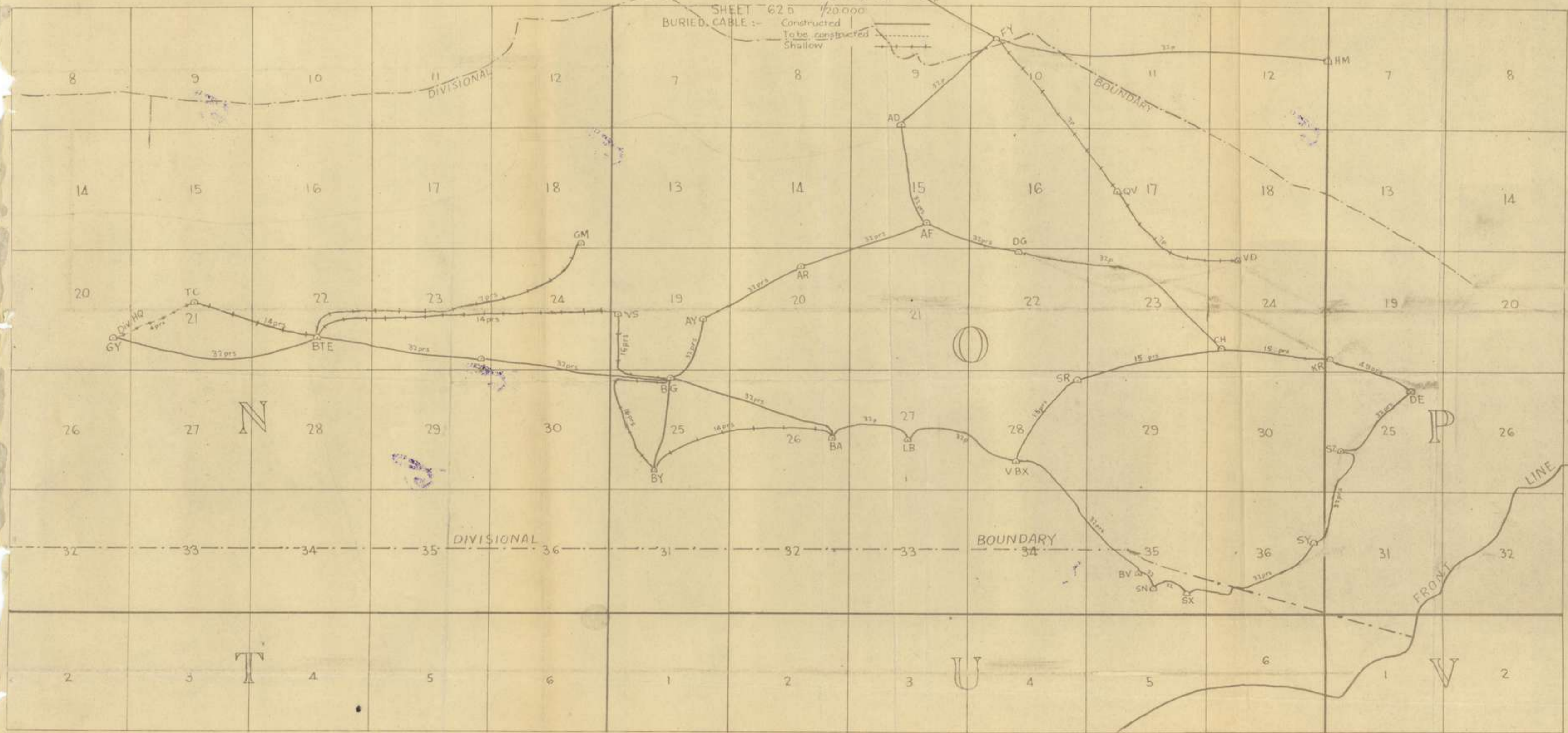
APPENDIX

3

14

ROUTE DIAGRAM 2ND AUS. DIV.

SHEET 62 D 1/20,000
BURIED CABLE :-
Constructed
To be constructed
Shallow

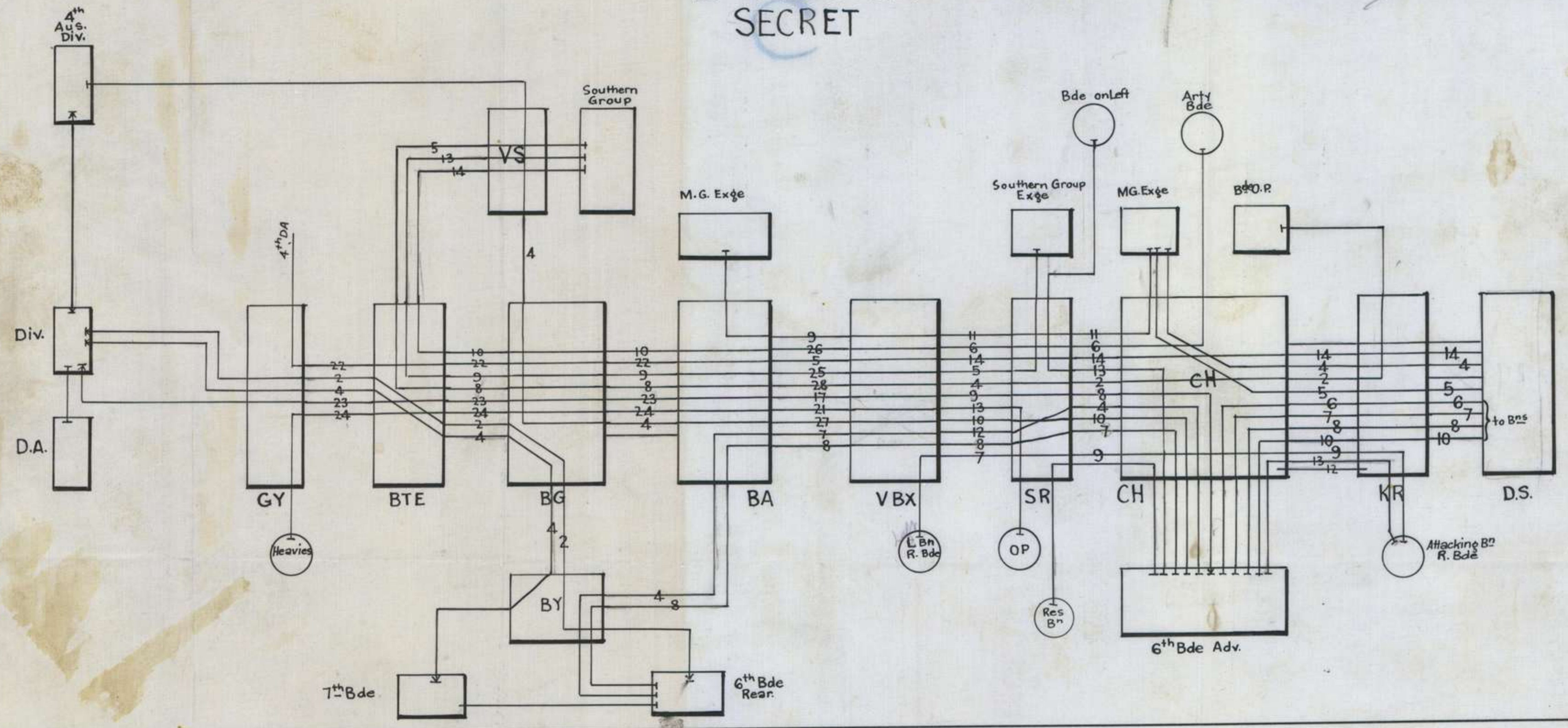


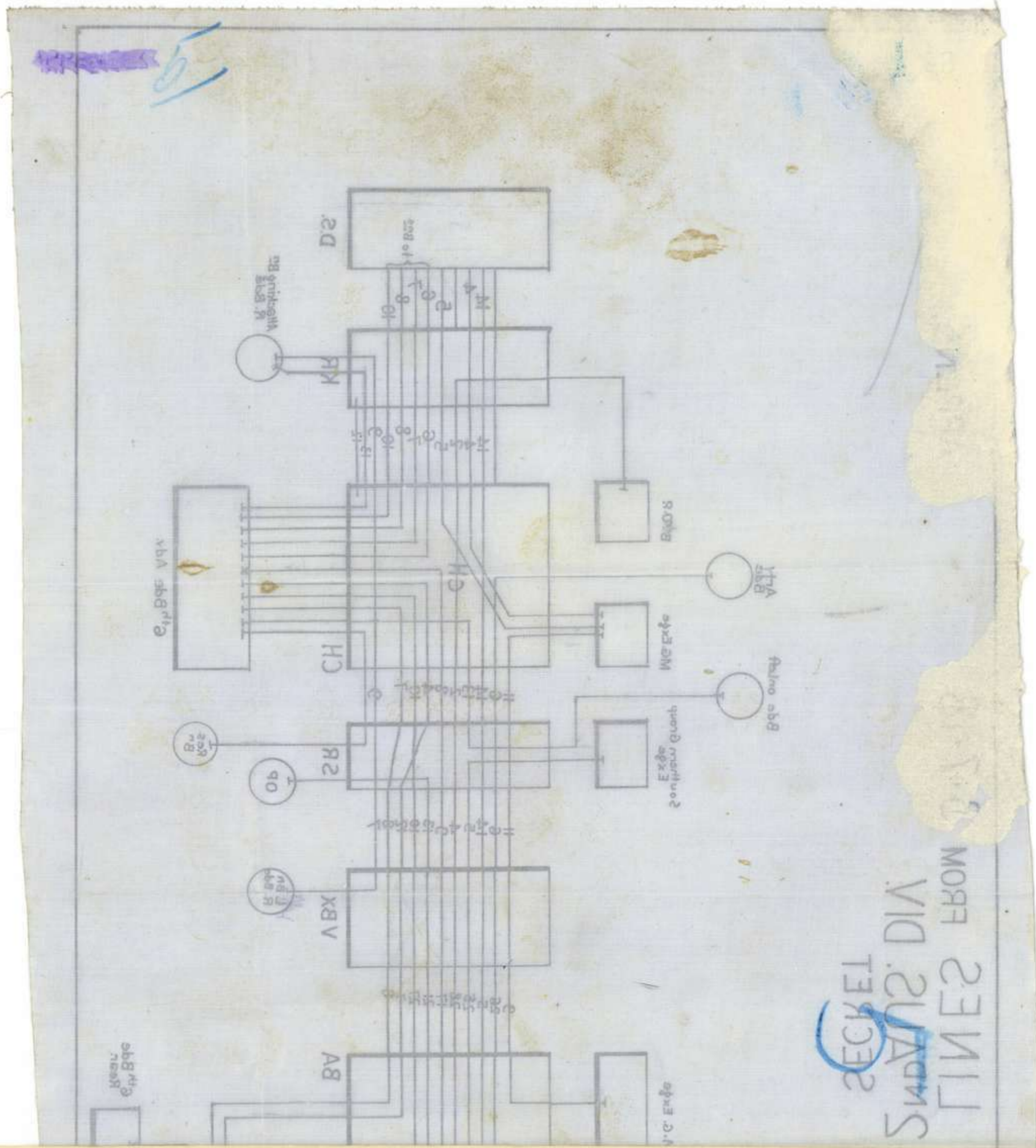
118

APPENDIX 4

4

EXTRA LINES FROM 3.7.18
2ND AUS. DIV.
SECRET





SECRET
 SIAV 12 DIV
 ГИМЕС БРОМ

VOLENDIX

84

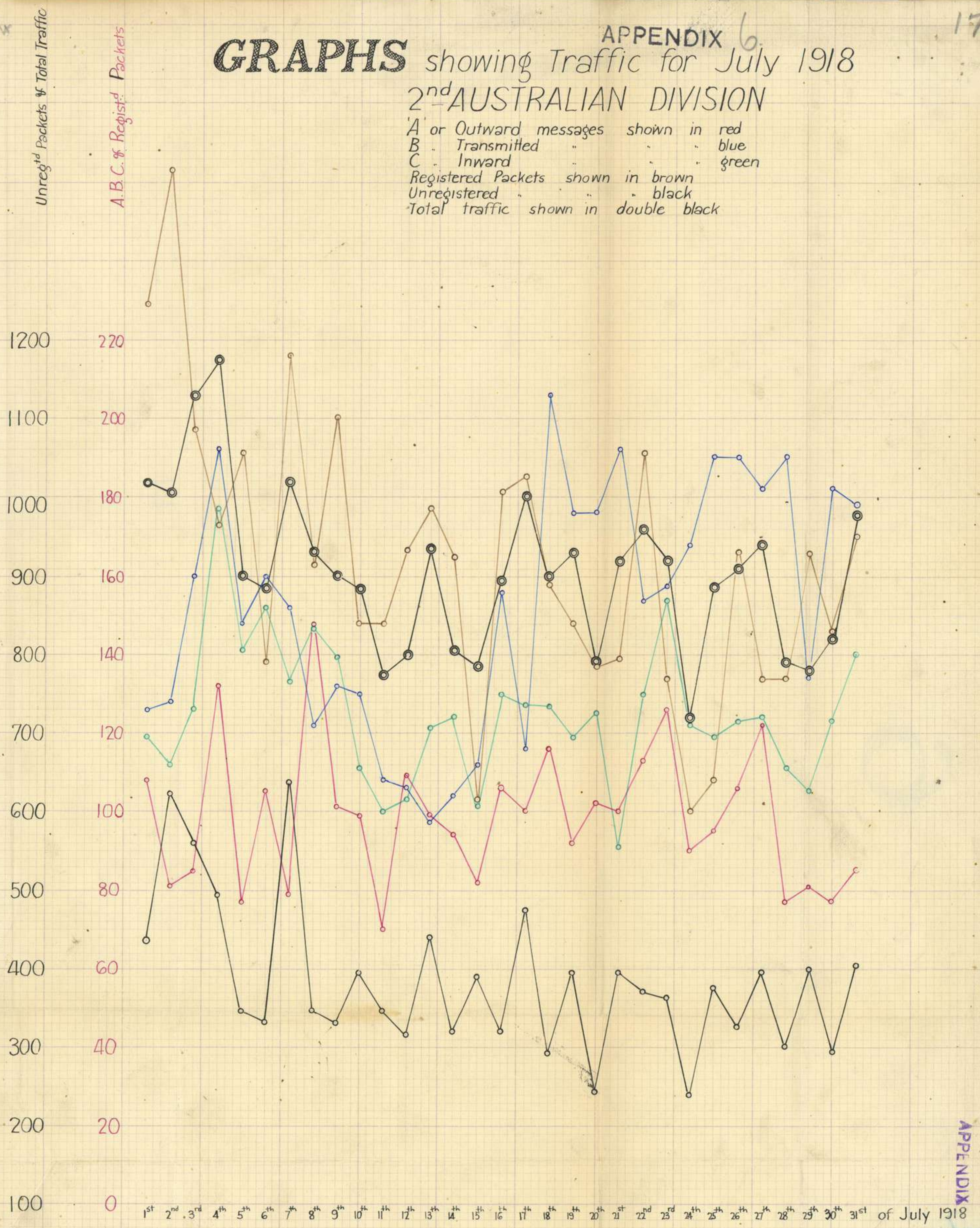
17

GRAPHS showing Traffic for July 1918

2nd AUSTRALIAN DIVISION

APPENDIX 6

A or Outward messages shown in red
 B Transmitted " " " " blue
 C Inward " " " " green
 Registered Packets shown in brown
 Unregistered " " " " black
 Total traffic shown in double black



APPENDIX

6

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18

LI

GRAPHS

showing for July 1918

Strength of Personnel of Company in black

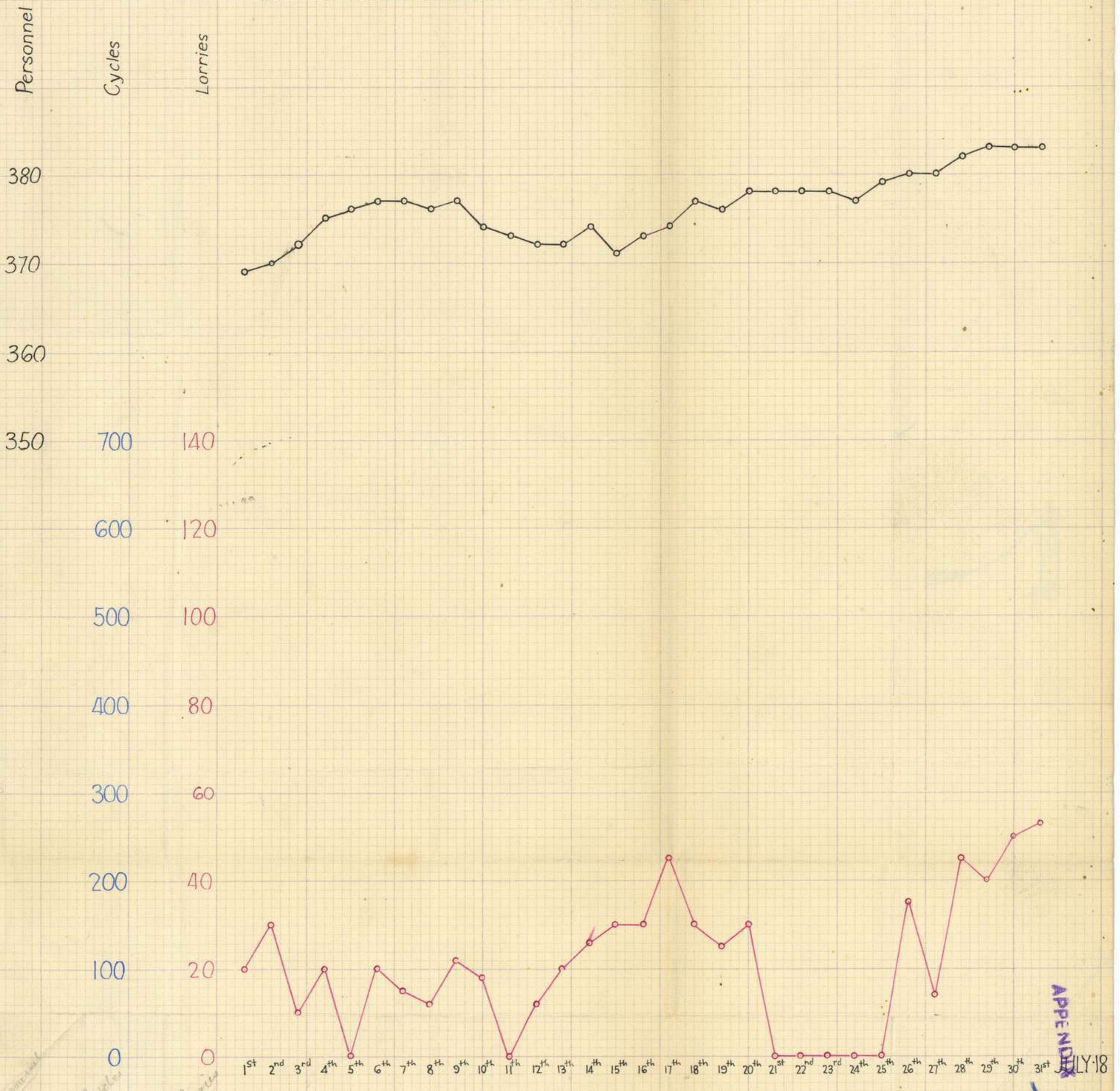
Mileage travelled by Motor Cycles in blue

" " " " Lorries in red

Total consumption of Petrol by Cycles gallons

" " " " Lorries 95 "

2ND AUSTRALIAN DIVISION



APPENDIX

JULY 18



7

h8

APPENDIX 8

8

8

19

WIRELESS VISUAL

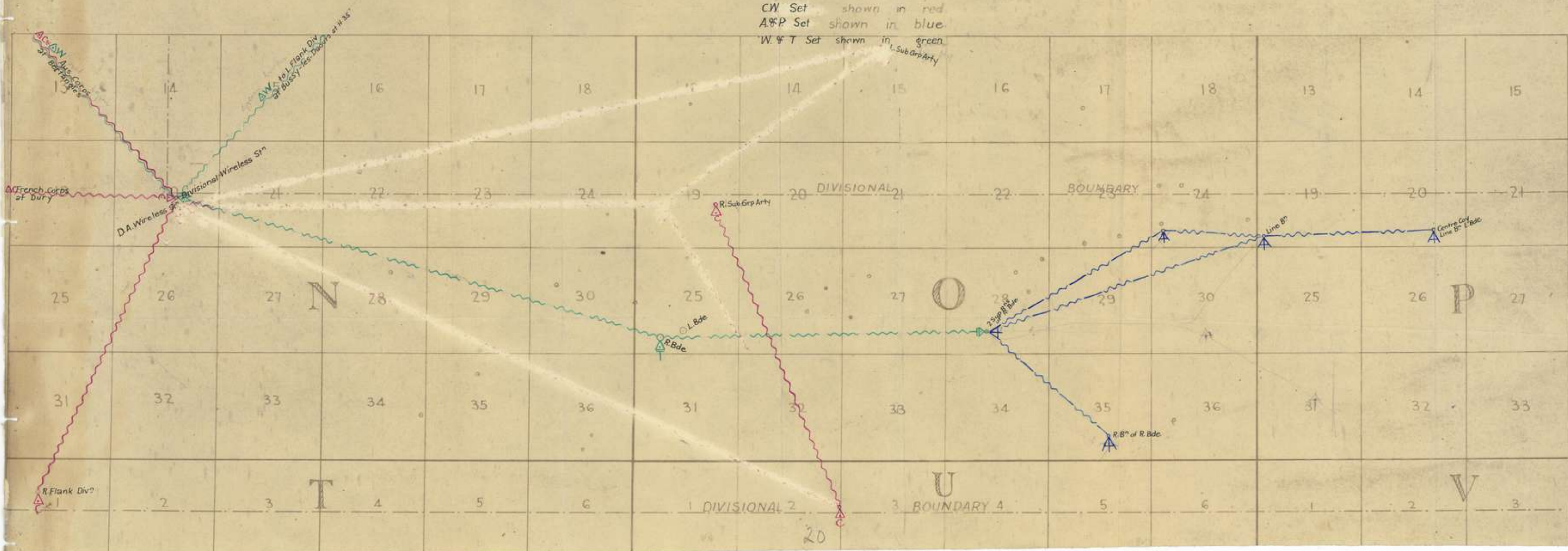
2ND AUS. DIV.

Sheet 62D 1/20 000.

CW Set shown in red

A&P Set shown in blue

W & T Set shown in green



61
APPENDIX
B

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