

ACC 10000/147/587

T/90/cs

LIGURIA REGION

AUG. - NOV. 1945

LIGURIA REGION

AUG. - NOV. 1945

Subject:- Transfers - Officers.

CONFIDENTIAL.HQ 2 District, CMF.  
25/10 X.

15 Nov 45.

17

Director,  
Communications Sub Commission,  
A.C. ROME.Lt. Calda, Italian Navy.

The annexed letter from O.C. 1 Coy, 14 L of C Signals is forwarded for any action you may see fit to take.

  
 Colonel,  
 Chief Signal Officer,  
 No. 2 District.

M.R.

Copy to:- O.C. 14 L of C Signals.

Director	9/11
O/Director	
Chief Torpedo	
Chief Postal	
A Q Come	●
Asst Chief Postal	
Censorship	
Chief Clerk	

CROSS REFS	
FILE	8/100

Date - 19 NOV 1945

 Letter with 77 figures  
 AC figure

COPY:Subject:- Lieut CALDA.HQ 1 Coy 14 L of C Signals.  
LCS1/128 12 Nov 45.OC 14 L of C Signals.

I understand from Lieut Gilbert that AMG in LIGURIA Region will very soon hand over to A.C., Lt Calda, Italian Navy, is the LIGURIA Region AMG Telecommunications Officer and as such has carried out liaison between AMG and the military in an excellent manner. He himself is desirous of transferring to AC on AMG leaving and I would like to recommend such transfer. Lt Gilbert of GTOA thinks very highly of this man and from my personal knowledge of him I can add my own recommendation.

I would be glad if this recommendation could be passed to the appropriate authy if it meets with your approval.

Sgd J.N.FRENTICE Major R Signals.  
Cmnd 1 Coy 14 L of C Signals.

INCOMING MESSAGE  
HEADQUARTERS ALLIED COMMISSION

16

*Communication*

Originator's Reference: 1975  
Date/Time of Origin NOV. 24 1105A

FROM : AMG LIGURIA REGION  
TO : HQ ALCOM CITE ACCAN CMN OFFR

Message Centre No: 0 4245  
U/Darsoux  
Date Time Rec'd NOV. 24 1505A  
Precedence: IMMEDIATE

1. To Come. 2.  
3. Chief Radio  
4. Authorised  
5. Chief Clerk

## RESTRICTED:

Ref your letter tare 90.15. 3 S dated 10 November arrived Genoa 7 November. All circuits existing on coast route Genoa to Ventimiglia included circuit 7546 resumed BX 24 November. Route stretch between Ventimiglia and French border very badly damaged by war action at Cisise San Lorenzo Grimaldi Letta Mortole and crossing 2 mine fields will be ready by 15 December. 3 teams totalling 20 men are already working on it since 19 November as well mine clearing squads. Work will be most energetically kept after and all efforts will be made to try complete circuits before above mentioned date. Circuit 7004 running inland route has been heavily damaged by Germans and Partisans between Dego and Millesimo as well as between Rezzo and Molini di Triora and Pigna. Work being carried on by some teams on that circuit to which is scheduled to be ready within 35 days. Particular report on the matter follows this signal specifying everything. Every weekend report regarding exact state work will be forwarded.

AC DIST

ACTION : COMMUNICATION

INFO : CHIEF COMMISSIONER

FILE 2

NEXT

T.90

HEADQUARTERS ALLIED COMMISSION  
APO 394  
Communications Sub-Commission

HTW/cg

15

T.90.15.CS

10th November 1945

Subject : Circuits to France.  
To : Regional Commissioner Liguria Region  
(Att: Lt. Calda)

1. Please see attached letter from the Italian Government.
2. Presumably the Genova Circolo knows which wires are concerned.
3. It is important to have these international circuits completed at the earliest possible date.
4. Please therefore urge the completion of the Italian sections of the Nizza-Genoa and Marsiglia-Genoa circuits, and send a report to this Sub-Commission regarding the exact state of the work by 24th November.
5. The Nizza-S.Promo circuit cannot be used at present owing to censorship difficulties.

H.H. SCUDIER  
Colonel, Sigs.C.,  
Director

Inclosure: Letter of 8th Nov.  
of Ministry of P.and T.

File

See 14  
16

See 17

17

C O P Y .

Ministero delle Poste e delle Telecomunicazioni.  
Azienda di Stato per i Servizi Telefonici.

Roma, 8 Novembre 1945.

Prot. No. 992712/1000

Oggetto: Circuit aerei Genova-Ventimiglia.

Alla Commissione Alleata  
 Sottocommissione Telecomunicazioni  
R o m a .

Da parte dell'Amministrazione Francese sono pervenute a questa Azienda proposte per la realizzazione dei circuiti telefonici internazionali Nizza-Genova, Marsiglia-Genova e Nizza-S. Remo.

Per tale realizzazione verrebbero utilizzati circuiti di pertinenza della Società Telefonica Tirrena ed altri di proprietà di questa Azienda.

Poiché i circuiti aerei statali N°.7004 e N°.7546 Genova-Ventimiglia, che interesserebbero le comunicazioni in questione, sono attualmente in fase di sistemazione, in quanto hanno subito danni per esportazioni dei conduttori e distruzioni delle pallificazioni relative, si gradirebbe l'interessamento di codesta Commissione Alleata perché i lavori di ripristino siano portati a termine nel più breve tempo possibile.

Considerata pertanto l'urgenza, si prega d'impartire disposizioni al Circolo delle Costruzioni interessato perché uno dei predetti circuiti sia possibilmente riattivato non oltre il 30 Novembre p.v.

Il Direttore dell'Azienda  
 f.to V. Bifulco.

TRANSLATION BY SELAN

8 November 1945

159

U4

From : The Ministry . Ufficio Cavi

Ref. : 992712/1000

SUBJECT. : Open wire circuit Genova - Ventimiglia.

This Azienda has received from the French Administration proposals regarding the realisation of the international telephone circuits Nizza-Genova - Marsiglie-Genova - and Nizza-S.Remo.

For this purpose circuits of the TETI and others property of this Agency shall be used.

Since the State overhead circuits no.7004 and 7546 Genova-Ventimiglia, which would be covered by the communications in question, are now in course of establishment, because of the fact that they have suffered damages for removals of conductors and destruction of the relative polifications, your action in order to hasten the work of reactivation would be much appreciated by this Agency.

Having also in view the urgency of the matter, will you please issue instructions to the Circolo delle Costruzioni concerned, so as that one of the aforesaid ccts be if possible activated not after 30th November ~~next~~. next.

The Direttore dell'Azienda

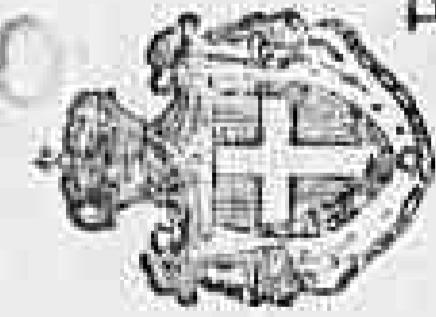
*open*

Director	<i>✓</i>
Chief Officer	<i>✓</i>
Chief Engineer	
Chief Poem	
Chief Com	
Ass. Chief Poem	
Censorship	
Chief Clerk	

*rec 15*

U.S.A.	P.P.S.
T.35	R.1WD

Date 8 NOV 1945



M.M.C. 9 - (A. 1)

ROMA, 9

POSTE ED ELLE TELECOMUNICAZIONI  
MINISTERO DELLE COMUNICAZIONI

AZIENDA DI STATO PER I SERVIZI TELEFONICI

REPARTO III° UFFICIO CAVI

PROT. N. 992712/1000

ALLEGATI

OEGGETTO: Circuiti aerei Genova - Ventimiglia.

67

Unclassified E.O. 12356 Section 3.3/HMD No. 785015

RISPOSTA AL N. ....  
DEL ....  
ALLA COMMISSIONE ALLIEATA  
SOTTOCOMMISSIONE TELECOMUNICAZIONI

R O M A

Da parte dell'Amministrazione Francese sono pervenute a questa Azienda proposte per la realizzazione dei circuiti telefonici internazionali Nizza - Genova = Marsiglia - Genova = e Nizza-S.Remo.

Per tale realizzazione verrebbero utilizzati circuiti di pertinenza della Società Telefonica Tirrena ed altri di proprietà di questa Azienda.

Poichè i circuiti aerei statali n° 7004 e n° 7546 Genova-Ventimiglia, che interesserebbero le comunicazioni in quest'area, sono attualmente in fase di sistemazione, in quanto hanno subito danni per asportazioni dei conduttori e distruzioni delle pallificazioni relative, si gradirebbe l'interessamento di codesta Commissione Alleata perchè i lavori di ripristino siano portati a termine nel più breve tempo possibile.

Considerata pertanto l'urgenza, si prega d'impartire una

Oggetto: Circuit aerei Genova - Ventimiglia.

ALLA COMMISSIONE ALLEATA  
SOLUCOMMISSIONE TELECOMUNICAZIONI

R O M A

Da parte dell'Amministrazione Francese sono pervenute a questa Azienda proposte per la realizzazione dei circuiti telefonici internazionali Nizza - Genova - Marsiglia - Genova e Nizza-S.Remo.

Per tale realizzazione verrebbero utilizzati circuiti di pertinenza della Società Telefonica Tirrena ed altri di proprietà di questa Azienda.

Poichè i circuiti aerei statali n° 7004 e n° 7546 Genova-Ventimiglia, che interesserebbero le comunicazioni in quest'azione, sono attualmente in fase di sistemazione, in quanto hanno subito danni per asportazioni dei conduttori e distruzioni delle pavimentazioni relative, si gradirebbe l'interessamento di codesta Commissione Alleata perchè i lavori di ripristino siano portati a termine nel più breve tempo possibile.

Considerata pertanto l'urgenza, si prega d'impartire disposizioni al Circolo delle Costruzioni interessato perchè uno dei predetti circuiti sia possibilmente riattivato non oltre il 30 Novembre p.v.

IL DIRETTORE DELL'AZIENDA

V. Biffi

13

## HEADQUARTERS ALLIED COMMISSION

AFO 394

Communications Sub-Commission

HMS/ec

T.90.13.CS

2nd November, 1945

SUBJECT: Lt. J.H. Calda, R.I.N.

TO : Regional Commissioner, Liguria Region

1. Lt. Calda, R.I.N., has been attached to Liguria Region since August 1944. Shortage of Allied Offices has not permitted assignment of an Officer as full time Telecommunications Officer of Liguria Region and it has therefore fallen to Lt. Calda to perform such duties. He has done so to the full satisfaction of all concerned.

2. As Lt. Calda is an Italian Officer and has not figured as a member of the staff of this Sub-Commission, his name was not included in the plan for Liaison Officers in the North.

3. It is strongly recommended that you include Lt. Calda in the Italian group to be retained in Liguria Region since it is felt that due to his good command of English and pleasing personality his services will be of great value not only in the telecommunications field but for the general liaison work.

H.H. SCUDER,  
Col. Sig. C.  
Director

Copy to Establishment Section.

Dear Colonel.

I hoped to see you during your last visit to North Italy and talk over with you what now I am compelled to write. Unfortunately I had no luck as you did not come over to Genova, therefore you will excuse me if I am bothering you with these few lines.

Many Officers are now leaving the Region every day and I am afraid I will remain here..... alone. You understand what I mean by saying so.

I realize I am not on the staff of the Communications Sub-Commission and therefore I am not on the plan concerning the assignment of Officers remaining in the liaison groups.

As I think I always did my best in order to accomplish the orders and to carry on the work in the Region - since I joined AC in August 1944 - I am praying your courtesy to write a letter to the R. C. Liguria, requesting me to stay on with the liaison group which will remain here.

I am sorry and I apologize for the trouble I am giving you, but, as you too.

bably know, I am waiting the opening of emigration to the States  
and I would like to stay on the job till that date, the more so as  
here in Genova I have some friends in the Consulate General.

The mentioned letter will certainly be of great help as to the decision  
concerning my staying or not with the liaison group.

It would be too hard for me to ask the P.W. & O. Div. to help  
me in this case, as I always tried to be independent from them  
for what concerned my work.

Thanking you so much for your kindness, I beg to be

Yours truly  
J. Maltese  
Lt (jg) R.A.

Genova: 29 Oct. 1945.

# SOCIETÀ TELEFONICA SIRENA

SOCIETÀ PER AZIONI CON SEDE IN FIRENZE - DIREZIONE GENERALE IN ROMA

CAPITALE L. 300.000.000 INTERAMENTE VERSATO

CONCESSIONARIA DELLE RETI ALIO TOSCANA-LIGURIA-SARDEGNA-STATO CITTÀ DEL VATICANO

Headquarters Allied Commission

DIREZIONE GENERALE

UFFICIO Serv. Inter. 2a/ci

(ACCORPATE NELL'ARISPOSTA)

OGGETTO Cavo Bordighera  
Ventimiglia

APO 394

Communication Sub-Commission

Roma

ROMA 10 OTT 1945

LUNGO TEVERE MARZI  
TELEFONO 0156

Acc 6

Con riferimento alla lettera 20 b. 03 del 19 Settembre u.s. ci pregiamo di informare che noi siamo già in trattative con la "SIRI" per la ripresa dei lavori inerenti all'impianto del cavo segnato in oggetto.

Tutto il materiale occorrente è stato già approvvigionato ed eccezione di alcune cause fuori che verò la SIRI stessa potrà fornire.

Sarà nostra cura tenere informate codette Ora. le Commissioni sulle eventuali nissesse dei lavori in questione che ci assuriano possa avvenire in un termine relativamente breve.

SOCIETÀ TELEFONICA SIRENA

m/  
Carlo

DIREZIONE GENERALE 394  
UFFICIO Seg. Test. Zin/cell  
COMMUNICAZIONE SUB-MISSION

**OGGETTO** CETO 300-2000-**1**

**ROMA** 10 OCTOBER 1945  
LAWRENCE FENSTERWALD  
TRUSTEESHIPS

9  
Nov

Don Giovanni e il pentimento  
Lettura 19 settembre 1900. C5 dep. 19 settembre 1900.  
C. P. B. 1900. C. P. B. 1900.  
Lezioni in mente di Giovanni  
Giovanni e il pentimento

•  
of administration to meet the requirements  
of the law. The State Auditor is responsible  
for the audit of all public accounts and  
for the preparation of the annual financial  
statements of the State. The Auditor is  
also responsible for the preparation of the  
annual financial statements of the State.  
The Auditor is also responsible for the  
preparation of the annual financial statements  
of the State.

SOCETY TESTIMONIAL  
—

Chief Clerk	Clerk	Clerk
Chief Postmaster	Postmaster	Postmaster
Chief Post Office	Post Office	Post Office
Chief Post Office	Post Office	Post Office
Chief Post Office	Post Office	Post Office


CASELLA POSTALE 1046 - TEL. GAIAHII 11711 C. P. FIRENZE N. 19000 MONA N. 39630

HEADQUARTERS ALLIED COMMISSION  
APO 394  
Communications Sub-Commission

HHS/vs.

10th October 1945

T-90.51.03

SUBJECT: Repeater station Genoa.

TO : Director of Azienda di Stato,  
Ministero delle Poste e Telecomunicazioni.  
Rome,

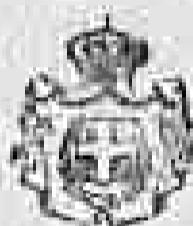
1. Reference is made to your letter of 6th October 1945 requesting authorization to send a representative to Genoa to investigate an incident which occurred between personnel of the repeater station at Genoa.

2. Authorization is granted for such a visit. Please have representative get in touch with Lt. Calda, Telecomms officer at AD HQs, Genoa, in order that he may be informed of result of investigation.

M. H. MUDNER  
Lt. Col., Sig. C.  
Director

Copy to : R.C. , Liguria Region  
Attn. : Lt. Calda.

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Ministero delle Poste e delle Telecomunicazioni  
AZIENDA DI STATO  
PER I SERVIZI TELEFONICI

Reparto 1° Ufficio 1°

999711  
Prot. N. 1/25 Allegati

Mod. 10  
Roma, 6 Ottobre 1945

Al la Commissione Alleata - Sottocommissione  
Comunicazioni

R O M A

Risposta al foglio V.  
det

OGGETTO : Incidente Stazione Amplificatrice di Ce-  
nova.

U R G E N T E

In seguito ad un grave incidente con  
vie di fatto verificatosi fra il personale della  
Stazione Telefonica Amplificatrice di Genova,  
si reputa necessario disporre un'inchiesta sul  
posto.

Poichè però la provincia di Genova non  
è ancora stata restituita all'Amministrazione  
Italiana, si prega codesta Commissione di voler  
dare al riguardo il proprio assenso. 165

IL DIRETTORE DELL'AZIENDA

Vvl. M.

V. Bimbo

9

HEADQUARTERS ALLIED COMMISSION  
APO 394  
Communications Sub-Commission HHC/ec

21th September, 1945

T.90.9.CS

SUBJECT: Telegraph and Telephone Circuits Italian Riviera.

TO : Regional Commissioner Liguria Region  
(Att: Lt. J. A. CALDA)

1. Your reports on the <sup>work</sup> north accomplished in the last few weeks show a marked and encouraging increase in circuits made available and services resumed.

2. It is felt that this improvement is largely due to your energetic intervention for which you are to be congratulated.

3. You should not for a moment relax your efforts in order to insure restoration of the maximum number of circuits and services.

H.H. SCUDER,  
Lie. Col. Sig. C.  
Director.

THE ADODUARTERS  
A LITED MILITARY GOVERNMENT  
SECURITY REGION  
JULY 325

Ref. LIG/EMU/700 A

CHIEF OF INTERNAL SECURITY

Genoa, 14 September 1945

Declassified E.O. 12356 Section 3.3, END No.

785015

**SUBJECT :** Telegraph Connection: San Remo - Ospedaletti - Bordighera - Ventimiglia.

**To :** Lt. Col. H.H. Scudder - Director Communications Sub-Command - Section - AC. HQ. 3. -

- 1.) The work to resume the telegraph line up to Bordighera and Ventimiglia was finished on the 11th and the 12th - was caused by the team left Genoa on the 4th - having the presence of a minefield which had to be checked and removed by a special mine sweeping squad sent from Genoa on purpose.
  - 2.) Another team will be sent again on the spot trying to give to Bordighera a direct connection with Genoa, improving the circuit as to enable Bordighera Office to install again the teletype previously existing.
  - 3.) The telegraph offices of Bordighera and Ventimiglia - damaged by war actions - are being repaired as an agreement has been made between the telegraph people and the owners of both businesses. In

increasing traffic. The previous telegraph building in San Remo, which has been damaged by shelling and is actually mined and booby trapped will be cleared by a mine sweeping squad.

19 SET. 1945 (4.) The following V.E. Channels are at present working from Genova:

Genova - Rome:	2
" - Bologna:	2
" - Venezia:	1
" - Verona:	1
Spare and test:	

163

1.) The work to resume the telegraph line up to Bordighera and Ventimiglia was finished on the 11th and the little delay - having the team left Genova on the 4th - was caused by the presence of a minefield which had to be checked and removed by a special mine sweeping squad sent from Genova on purpose.

2.) Another team will be sent again on the spot trying to give to Bordighera a direct connection with Genova, improving the circuit as to enable Bordighera Office to instal again the teletype previously existing.

3.) The telegraph Offices of Bordighera and Ventimiglia-damaged by war actions - are being repaired as an agreement has been made between the telegraph people and the owners of both buildings. In San Remo the telegraph office is at present moving into a new premise as the place in which it was now was not sufficiently big in view also of the increasing traffic.

The previous telegraph building in San Remo, which has been damaged by shelling and is actually mined and booby trapped will be cleared by a mine sweeping squad.

19 SET. 1945 4.) The following V.F. Channels are at present working from

Genova:

Genova - Rome :	2	Genova - Milano :	3
" - Bologna :	2	" - Trieste :	1
" - Venezia:	1	" - Zurigo :	1
" - Verona :	1	" - Tarino :	1
Spare and test :	1	{ 16 }	

Some troubles in Bologna delayed a little the Venezia-Trieste, Bologna and Verona channels to be put into action.

Major Holland - Regional Communications Officer Lombardia Region has been contacted as to help and speed up with his presence in Milan, the entering in operation of the 5 channels still missing.

5.) Herewith enclosed a graph showing the telegraph circuits working at present in the Region. The connections of Ospedaletti - Bordighera - Ventimiglia - Albissola Superiore- Albisola Capo - Celle Ligure - Varazze- Brugnato di Spezia - Villanova d'Albenga - Garlenda

ALLIED MILITARY GOVERNMENT  
LIGURIA REGION  
APO 394

OFFICE OF REGIONAL ENGINEER

d'Albenga are not shown on the graph as those offices have  
been connected after the drafting of the graph.

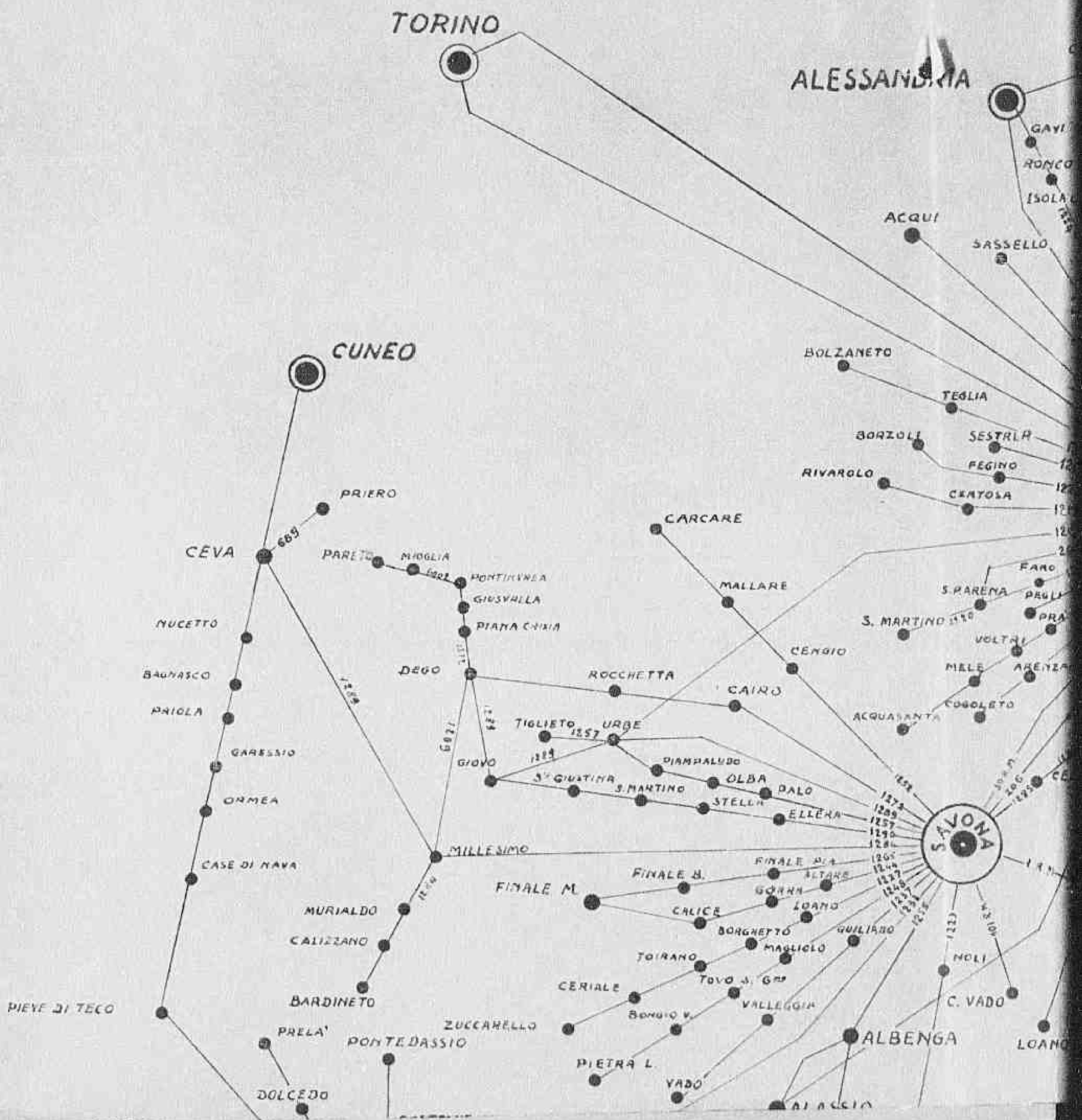
*M. Collyer*

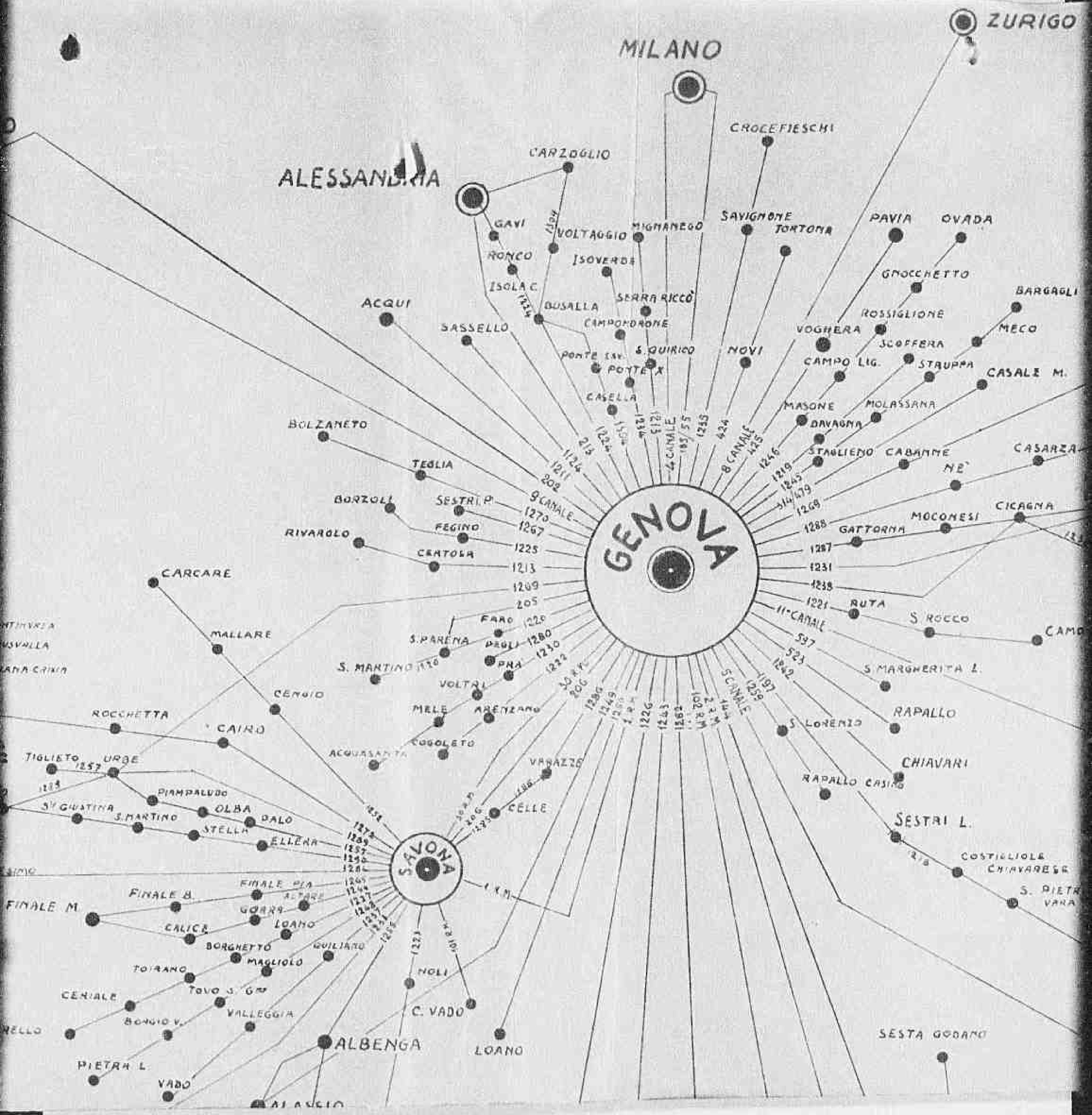
J.A. CALDA  
Lt.(J.G.) RIN  
Telecoms Officer

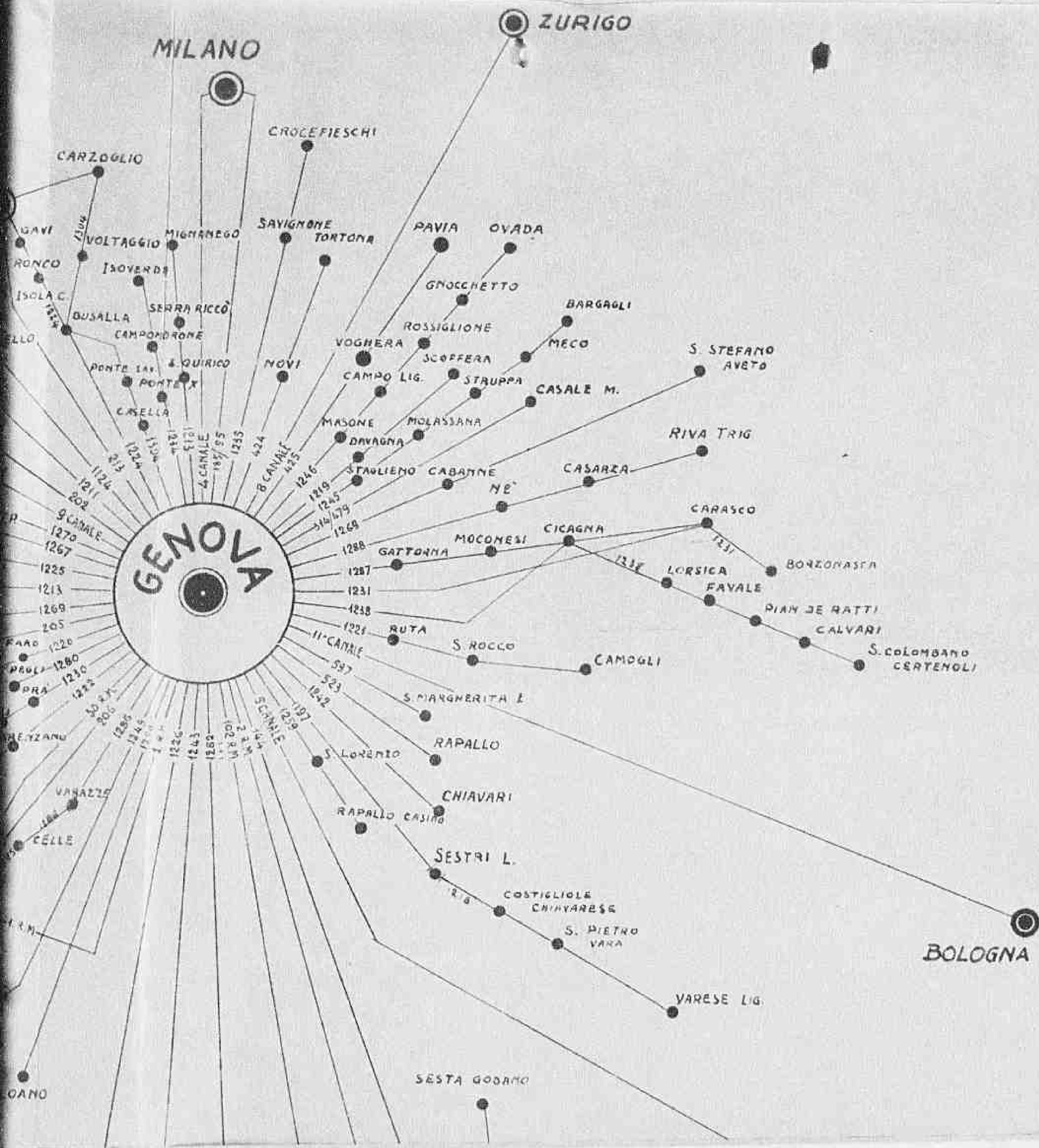
c.c. Capt P.V. Collyer - Regional Communications Officer -  
Piemonte Region HQs.  
Col. H.L. Jordan D.R.C. Liguria Region

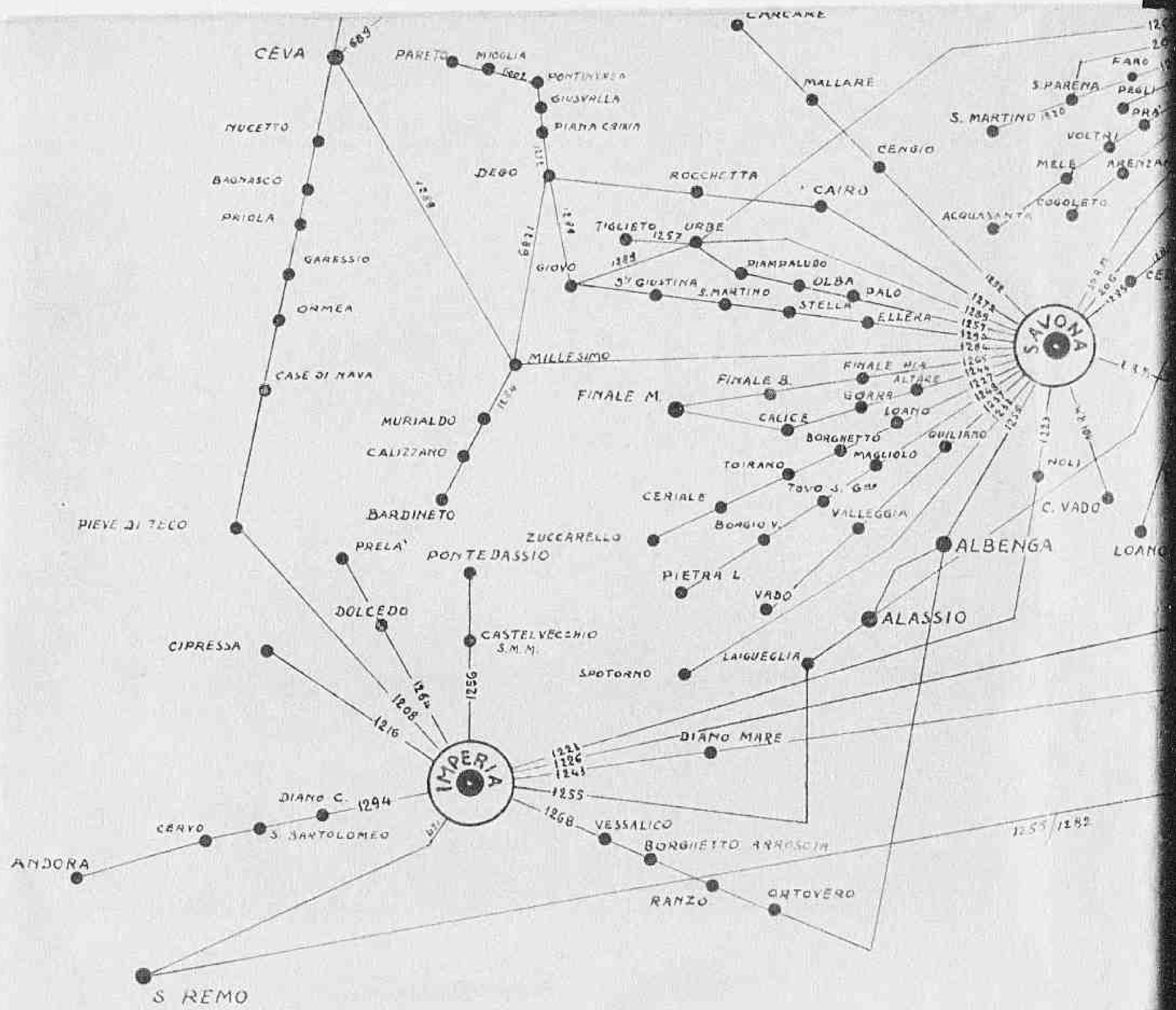
162

785015

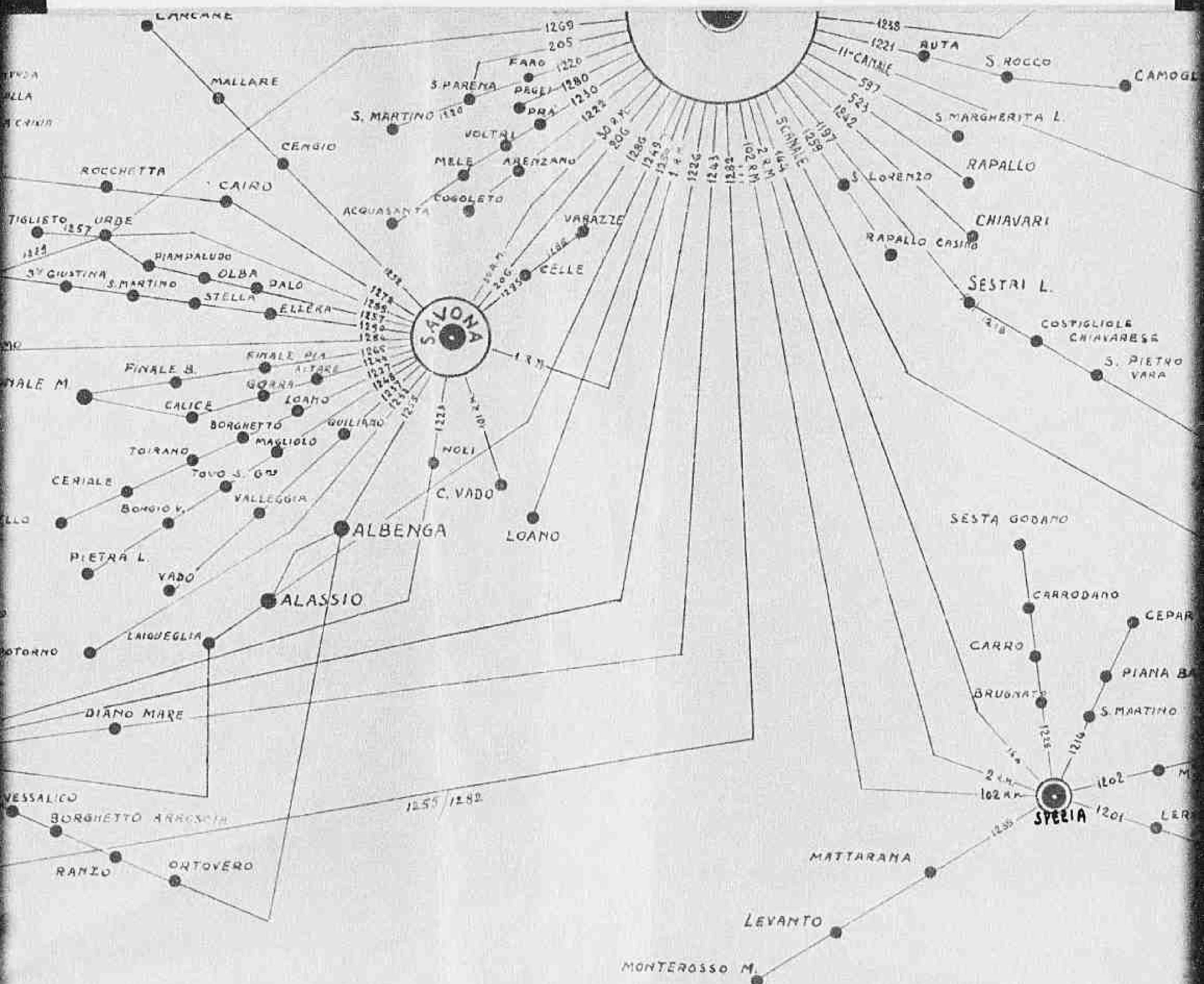




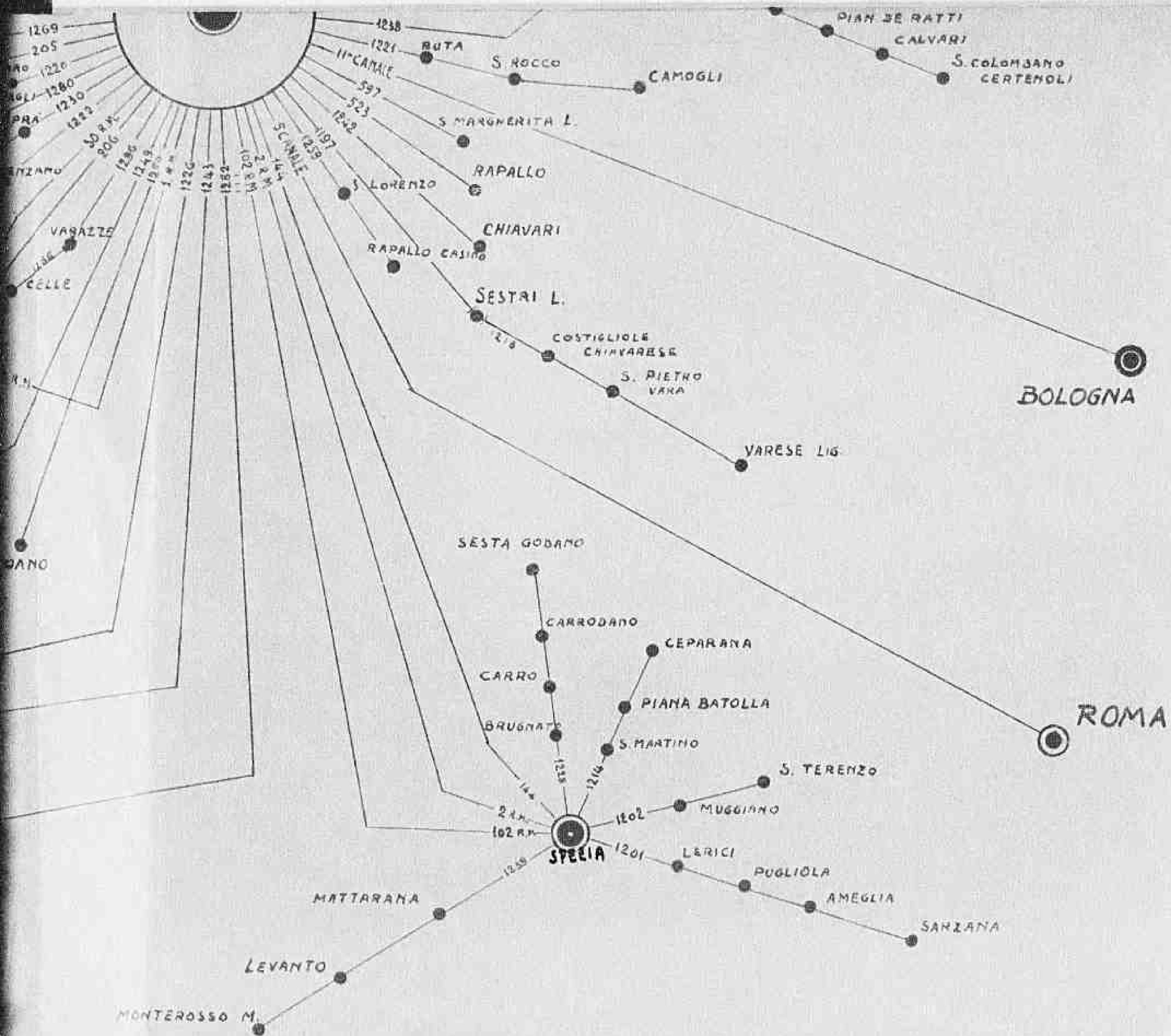




785015



785015



U7

HEADQUARTERS ALLIED COMMISSION  
APO 394  
Communications Sub-Commission LGH/ec

T.90.7.CS

20th September, 1945

SUBJECT: San Remo Telephone Exchange

To : T.E.T.I.  
Lungotevere Marzio, 11  
ROME

1. San Remo telephone exchange is in course of rehabilitation.

2. The H.F. carrier equipment has been destroyed and perhaps arrangements can be made to instal a new equipment.

H.H. SCUDER,  
Lt. Col. Sig. C.  
Director.

(6)

HEADQUARTERS ALLIED COMMISSION  
APO 394  
Communications Sub-Commission HHS/ec

T.90.6.CS

19th September, 1945

SUBJECT: Bordighera - Ventimiglia Cable.

TO : T.R.T.I.  
Lungotevere Marzio, 11  
ROME

1. It is understood that the telephone cable between Bordighera and Ventimiglia is not yet in operation owing to the lack of some loading coils.

2. It would be appreciated if you would inform this Sub-Commission what steps, if any, are being taken by you to restore this cable.

H.H. SCUDER,  
Lt. Col. Sig. C.  
Director.

See 12

Director	W.H.
U/S Secy.	
Chief Telecom.	<del>MAILED</del> ADQUARTERS
H Q Coms O	MILITARY GOVERNMENT
Ass't Chief Poeta	LIGURIA REGION
Censorship	APO 39
Chief Clerk	
OFFICE OF PERSONAL ENTITLEMENTS	

3  
18 SET 1945

Genoa, September 14, 1945

Ref. LIG/PWU/7004

Subject : Line conditions - Riviera  
 To : Lt. Col. H.E. Scudder - Director communications Sub - Command  
 mission. AC. HQs. -

TELEPHONE

See 3

Reference your letter T. 90.3.CS. dated 26 August 1945-  
 The conditions on the East part of the Riviera may be considered normal as the cable leading from Genova to Spezia has been fired practically in the best possible way, replacing several stretch which had been damaged. As a manner of fact at present the communications between Genova, Florence and Lucca are fairly good.  
 The auto exchange formerly existing at Recco- which was removed before the bombing of the town- is beeinig put in again and the work is supposed to be over within the 15th of october.

At Chiavari the repeater station has been completely fixed and it is working good.  
 A four positions long distance board has been installed at La Spezia and the city auto exchange has been totally repaired from the damages caused by Germans.  
 La Spezia is actually connected with the following long distance lines :

5 lines to Genova  
 1 line to Chiavari  
 1 line to Borghetto Vara  
 1 line to Rapallo  
 2 lines to Lucca  
 2 lines to Carrara  
 1 line to Viareggio  
 1 line to Sarzana

The two lines Genova - Lucca are repeated at La Spezia  
 a two wire repeater.

Subject : Line conditions - Riviera

To : Lt. Col. H.H. Scudder - Director communications Sub - Command  
mission. AC. HQs. -

TELEPHONE

Line 3

Reference your letter T. 90.3.CS. dated 26 August 1945-  
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A four positions long distance board has been installed at La Spezia and the city auto exchange has been totally repaired from the damages caused by Germans.

La Spezia is actually connected with the following long distance lines :

5 lines to	Genova
1 line to	Chiavari
1 line to	Borghetto Vara
1 line to	Rapallo
2 lines to	Lucca
2 lines to	Carrara
1 line to	Viareggio
1 line to	Sarzana

The two lines Genova - Lucca are repeated at La Spezia <sup>W.G.</sup> a two wire repeater.

At present work is being carried on by TETI at La Spezia in order to install 12 repeaters. The work is scheduled to be over within a month.

On the west part of the Riviera the cable between Genova and Savona has been fixed with the same system used on the Genova La Spezia cable and the work was done in a satisfactory way.

Between Albenga and Savona 3 H.F. carrier equipments have been put in operation. Another H.F. carrier equipment is working between Albenga and Savona. At Imperia the auto exchange has been completely resumed, two H.F. carrier equipments are at present working from Imperia, one with Savona and one with Genova.

HEADQUARTERS  
ALLIED MILITARY GOVERNMENT  
LIGURIA REGION  
APO 394

OFFICE OF REGIONAL ENGINEER

= 2 =

In Imperia, in order to help the civilian population the telephone service at the "posto pubblico" working right. Whether some H.F. carrier equipments could be available, one should be installed at San Remo where the existing one was destroyed.

One line is at present connecting San Remo with Ventimiglia; Bordighera has a circuit with San Remo and one with Ventimiglia.

The building San Remo auto exchange is being fixed and already 350 subscribers have been connected. A long distance board is also being resumed at San Remo and the work is supposed to be over within the end of September. The auto exchange, previously existing at Bordighera, is actually stored in the underground floor of the building and on the 15th of September will start the reassembling work which is scheduled to be finished within December.

At Ventimiglia the 400 numbers auto exchange was removed during the war as to prevent it from being damaged. It was then decided-as all the urban cable system in the town had been destroyed - to use that exchange to fix the San Remo's one which had about 400 numbers destroyed by a bomb. At present both in ~~San Remo~~ and Ventimiglia a ten lines manual board is working. Arrangements are being made as to install in the a/m cities bigger boards but in Ventimiglia a fairly good resumption of telephone service is submitted to the repair of the urban cable system.

Between San Remo and Bordighera the lines are going thru the old overhead line as the newly installed overhead cable is broken in two places and all the normal joints have still to be done.

From Bordighera to Ventimiglia the underground cable has not yet been fixed; a part of the loading coils are still in hands of the SIRI Company. The local TETI Direction has advised of that the General Direction in Rome asking to order SIRI to finish the work. The resumption of those cables will be extremely useful especially when international commercial traffic will return to normal.

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It should be very helpful if the TETI General Direction could be contacted and advised to arrange with the SIRTI for the a/m work.

Enclosed hereto is a scheme of the TETI circuits in west Liguria, showing the H.F. installed.

J. A. CALDA  
Lt. (j.g.) RIN

Telecomms. Officer  
Piemonte Region HQs

c.c. Col.W.R. Jordan D.R.C. Liguria Region  
Capt. P.V. Collyer - Regional Communications Officer  
Piemonte Region HQs

0770

Declassified E.O. 12356 Section 3.3 NND No.

785015

GENOVA

	49064
	49065
	49066
	49067
	49070
	49076
	49091
	49092 Milit.
	49094 Milit.
	49095 Milit.
	49097
	49098
	49099
	49100
	49101
	49102
	49103
	49106
	49107
	49108

SAVONA

	47082
	47083
	47086 Milit. +1 A.F. Sav Imp.
	47098 Milit.
	47085 Milit.
	47112 Milit.
A.F.	
A.F.	
A.F.	
A.F.	
	47087 Milit.
	47113 + 1 A.F. Gen. Alb.
	+ 3 A.F. Sav. Alb.
	47088
	47089
	47090
	47091
	47093
	47092

ALBENGA

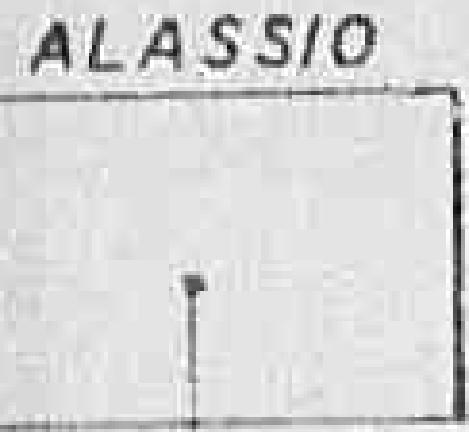
	47115
	47097
	47098 Milit.
	47095
	47096

TEL

IMPER

077

A

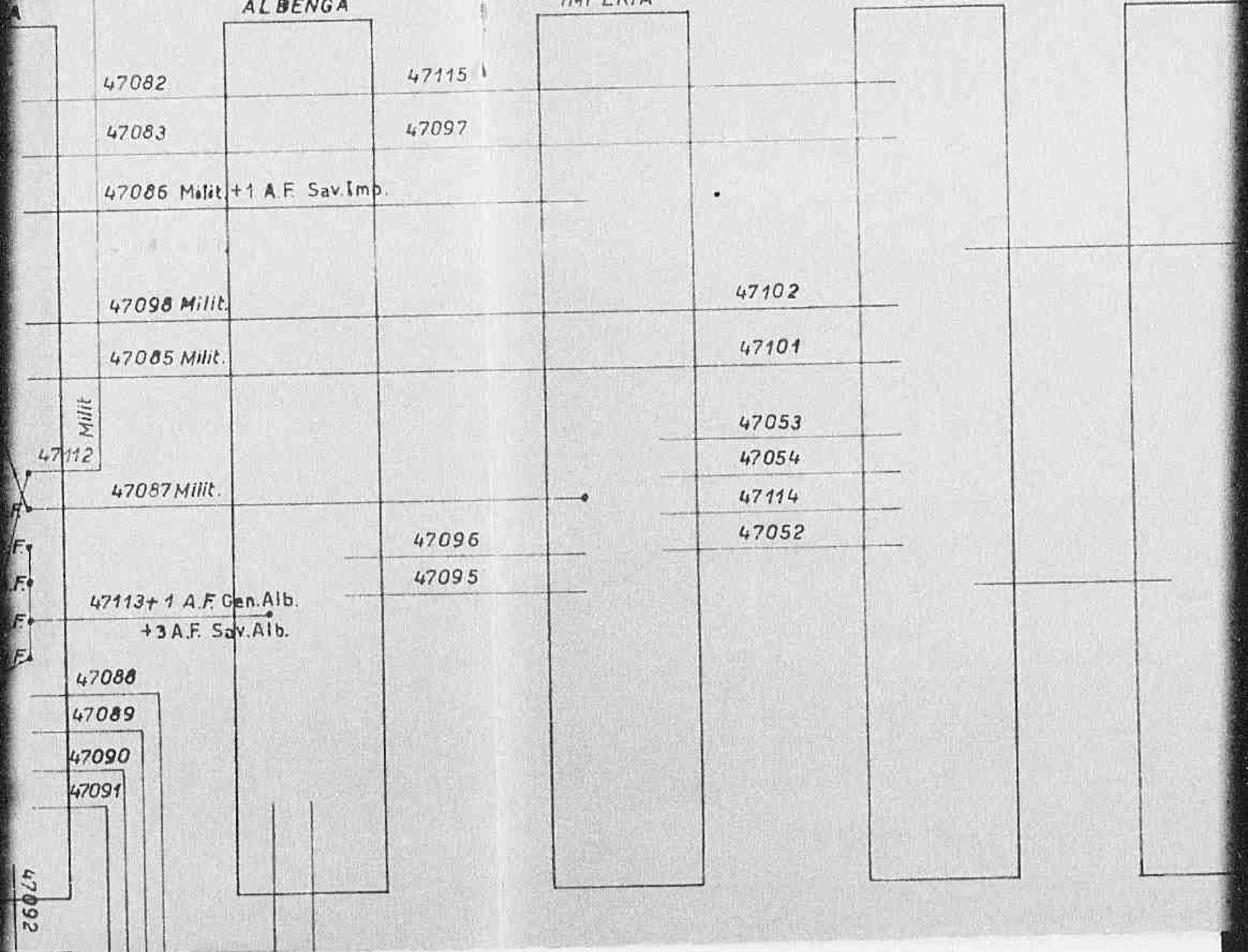
TELEPHONE CIRCUITS IN WEST LIGURIA

ALBENGA

IMPERIA

S.REMO

BORDIGHE



0772

Declassified E.O. 12356 Section 3.3 HND No.

185015

TELEPHONE CIRCUITS IN WEST LIGURIA

NGA

IMPERIA

S. REMO

BORDIGHERA

XX MIGLIA

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&gt;av.lmp.

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47101

47053

47054

47114

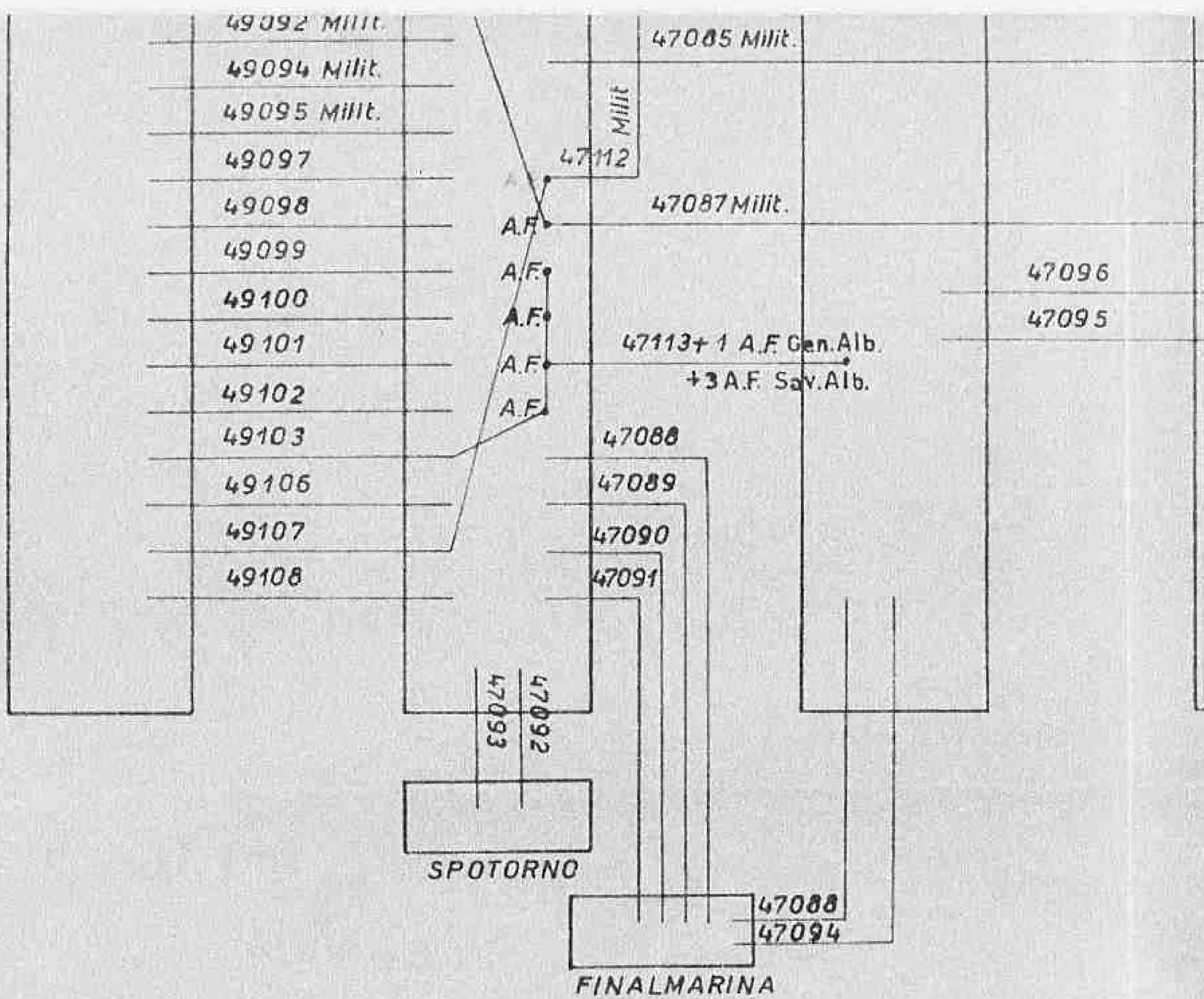
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47095

47052

0773

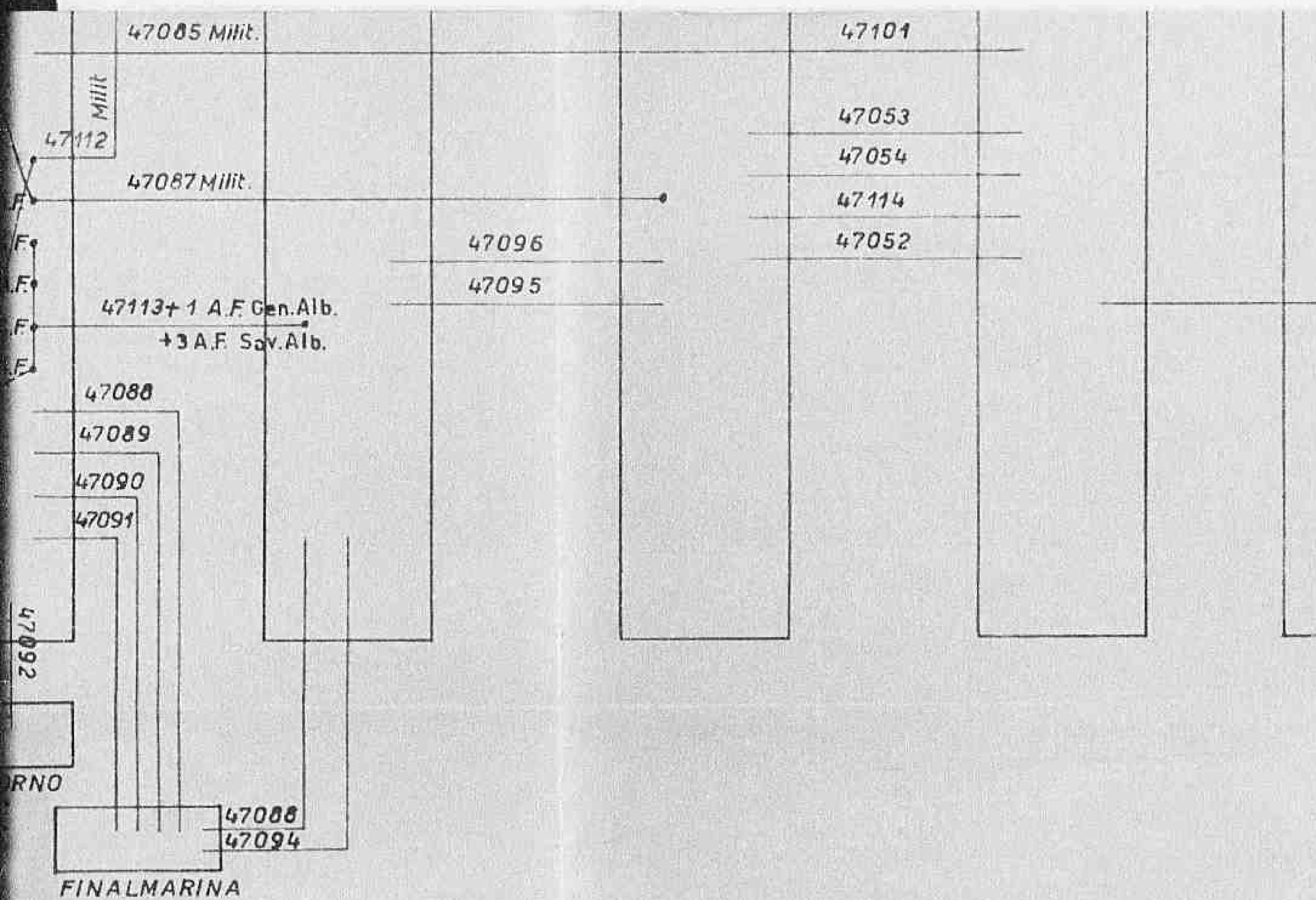
Declassified E.O. 12356 Section 3.3 MND No. 785015



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Declassified E.O. 12356 Section 3.3 NND No.

785015



0775

Declassified E.O. 12356 Section 3.3 RND No.

765015

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47101

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47054

47114

47052

# INCOMING MESS'. GE HEADQUARTERS ALLIED COMMISSION

Originator's Reference: 920  
Date / Time of Origin: SEP 14 1540B

Message Centre No: F/7654  
Date Time Rec'd: SEP 14 1930B  
Precedence: ROUTINE

FROM AMG LIGURIA REGION FOR CALBA  
TO HQ ALCOM CITE CMN ATTN LT COL SCUDDER

**RESTRICTED**

# PREFACE

As of 11 September BORDIGHERA and VENTIMIGLIA have been connected by telegraph with IMPERIA and GENOVA. Detailed report follows. End signed CALDA.

# ACTION

Distr

Action - Communications SC  
Info - Chief Commissioner  
File 2  
Float

1975

Page 15 SET. 1945



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3

HEADQUARTERS ALLIED COMMISSION  
APO 394  
Communications Sub-Commission

HTWU/epc

T.90.305

26th August, 1945

SUBJECT: Line Conditions - Riviera

TO: Regional Commissioner Liguria Region  
Att: Lt.Calda

1. Please give some details of the conditions now on the Italian Riviera with special reference to the following details:
2. Has T.E.T.I. done anything about the cable between Ventimiglia and San Remo?
3. Has there been any effort yet to introduce carrier working on military circuits?
4. Is the Imperia - Savona H.F. carrier equipment working yet. You will remember the plant was stated to be ready for use?
5. Are there any communications yet to Bordighera or Ventimiglia?

H.H.SCUDDER  
Lt.Colonel, S.M.C.  
Director.

file

see 5 155

Communication S/C

L2

HEADQUARTERS  
ALLIED MILITARY GOVERNMENT  
LIGURIA REGION  
APO 394

File: LIG/HQ/87

19 June 1945

SUBJECT: Apusnia and Lucca Provinces

TO : Headquarters - Allied Commission - APO 394

1. Headquarters, Liguria Region, A.M.G., announces that it has assumed control of the Provinces of Lucca and Apusnia as of 0001 hours, 19 June 1945.

For the Regional Commissioner:

*William R. Jordan*  
WILLIAM(R. JORDAN  
Colonel SAC  
Deputy Regional Commissioner

Copies to:

AMG IV Corps  
AMG Fifth Army  
CG 92 Inf. Div.  
GCC No.2 District  
OC 60 Sub-Area  
RC Piemonte Region  
RC Lombardia Region  
RC Emilia Region  
RC Venezia Region  
RC Venezia Giulia Region  
RC Toscana Region  
PWB Genoa  
Civil Censorship, Genoa

Director  
U/Director  
Chief Economic  
Chief Postal  
H.Q. Comm. O.  
Asst. Chief Postal  
Censorship  
Chief Clerk

*W.H.*

*HORN*

*WTG*

154  
FILE 1  
T.90 B/IND  
25 GIU 1945

190

Translation by C. agliardi.

Inuria file

U1-1

Circolo Costruzioni Telegrafiche Telefoniche  
Genoa.

Situation of the installations and stores, controlled by the  
Circolo, as at 30th April 1945; at the end of  
the war.

GENERAL.

Right from the first days of the occupation in September 1943, the germans blocked the telegraph and telephone network, requisitioned the circuits for their own exclusive use, prohibited the withdrawal of materials from our stores and removed from same the materials of greater value. The Feld\_Nachrichten Kommandantur pretended that the lines used by the various military Commands be always kept in perfect efficiency disinteresting himself of the others removing from this direction even the possibility to communicate, for reasons of service, with the maintenance agents of the trunks further than Savona.

The pre-existing military lines (Navy, Army, Air defence, Aviation) if not used by the german commands were by them, for the greater part, demolished so as to use the material, needed for the construction of their lines.

Not less injurious to our network was the work of some detachments of the republican army whose commands, without complying with the necessary consent of the F.N.K., and without making previous arrangements with the Circolo and whose complaints were always ignored, proceeded to remove quantities of material, especially bronze wire.

Unidentified elements carried on the demolitions, especially in the deserted mountainous areas where our agents, nearly all of whom and practically always were bound by the german commands, could not extend their supervision which was sometimes made more difficult owing to the presence of partisans. Some Municipalities formed the so called civilian patrols for the supervision of the lines, but their work was, however, very modest and precarious.

Concluding; it canbe stated that the damage to overhead lines caused by bombardments would have been on a minor scale if to same had not been added thlse caused by the germans, and by ill use and thefts.

For the lines in cable in the residential areas

2.

the greater damage was, instead, caused by air raids excepting in La Spezia area where the germans dug up and removed some cables of the Navy used by that military base.

*1-2*  
The following is the summary of the conditions of the cables, of the overhead lines, of the stores and the necessities for a speedy restoration of the services entrusted to the Circolo.

Materials, stores and pole dépôts.

Submarine cables. In the city of La Spezia existed, before the german occupation, the largest dépôt of submarine cables of our Administration, well preserved in appropriate tanks of the Pirelli works. Nearly all that valuable material was removed by the germans since September 1943. It consisted of 841.303 metres of submarine cables of all types, in good efficiency. They only left 204 metres of coastal cable, type AA/l, 1011 metres of type B/l, 481 metres of type C/l, 141 metres of 2 conductors Krarup cable type SA/2K and 14.193 metres of sea bed cable type D/l.

These cables are all weighed and not in excellent condition of preservation. Probably that very modest stock will not be sufficient for the repair of the Genoa-Rome cable interrupted for unknown reasons, during the first days of May 1942 near Porto fine and which could not be repaired at once as the cable laying ship "Città di Milano" was always engaged on other work (Egee, Adriatic, etc.)

Nor did the german authorities content themselves with the cables, as they also sequestered and sent by rail and sea to Germany the best seacable material of our Administration including that also deposited with the Pirelli works of La Spezia.

Stock of the armoured and unarmoured telegraph and telephone cables.

In the building area of the city of Genoa, La Spezia, Savona, Imperia, Sanremo, Bordighera and Ventimiglia, the telegraph and telephone lines are on overhead and underground cables. For the maintenance of same and to provide for eventual extensions of the network, in the main store of the Circolo at Genoa there is a fair stock which was saved by avoiding the vigilance and controls of the german F/N/K.

The requisition of 1141 metres of 15 pair overhead cable and 252 metres of 20 pair overhead cable could not be avoided.

*152*  
In Genoa, during the war, the underground cables (on which were the greater part of the active circuits) were on many occasions damaged, either by bombardments or through the trenches made by the Wehrmacht, but they were at once repaired and

U-3

they bare now perfectly efficient. Far more serious damage was caused to the overhead cables of the same city and which have not yet been repaired, owing to the shortage of necessary stocks and also because on same are only less important circuits, for the greater part military circuits; now inactive. The same observations can be made also as regards the building area of Savona.

In the building area of La Spezia, the underground cables suffered, last year, serious damage in the immediate vicinity of the office which was so badly hit that it had to be abandoned. One of the principal and urgent duties of the Circolo will be to repair the cables at La Spezia and to reactivate the telegraph service using the undestroyed offices of the post and telegraph building. Large damage there was suffered by the overhead cables on which, however, there were only a small number of the circuits of this Administration which can easily be otherwise adjusted.

Stores for the materials of the overhead telegraph  
and telephone lines.

The Circolo has a main store in Genoa and some less important and subsidiary stores at La Spezia and Savona. From the main store in Via Clavarezza the Germans at once removed all the bronze wire for a total weight of 12500 Kgs. That material did not have to serve for their lines and, certainly, was sent to Germany. Later, all the new iron wire of 7500 Kgs. in weight was removed. At the last, other materials such as pole arms, spindles; insulators, tools, and nearly always without leaving a receipt, were taken away. A certain quantity of precious insulated wire was taken away one night by German soldiers who forced the lock, justifying their action by stating the wire was urgently needed for immediate use. Other withdrawals would have been made if this Circolo had not taken timely and dangerous steps to hide other materials (bronze wire, tools, solder, armoured cables).

At the present in the above store there is no bronze or iron 3 mm. wire. In the subsidiary stores, mentioned before, there are only small quantities of material removed from use and recovered from the lines damaged by the war. That shortage is serious because it obliges the Circolo to carry out, in the beginning, the temporary repairs with inferior material and to then do the work again with new materials that will give greater assurance of stability and of regular working. 151

Many spans of iron wire, owing to the shortage of bronze wire, must be used to complete the main telegraph and telephone circuits originally formed of bronze wire.

At least 20000 Kgs. of 3 mm. bronze wire and 25000 Kgs. of iron wire of the same diameter would be required early. *f-4*

Telegraph poles. The telegraph poles assigned to the Circolo were distributed at the railway stations sidings where suitable dépôts were made. These are situated precisely in the stations of Genoa, La Spezia, Sestri Levante, Savona, Vado Ligure, Albenga, Ventimiglia, Ormea. Also from these dépôts the germans made conspicuous withdrawals almost always without leaving a receipt and without previously coming to an understanding with the Circolo or with the maintenance personnel who were entrusted with the custody of the poles.

A total of 3600 poles of various lengths (6.50 - 7.50 - 8.50 - 9.50 metres) were taken away. Further, many poles in position were removed by unknown people from the lines which the germans were not using and which our agents did not have the possibility to supervise. Practically all the lines of the anti aircraft defence, terminating at the "lookout stations" situated on the highest summits of the Appenines or of the Maritime Alps, per force without custody, were destroyed in part by german troops, part by italian troops, part by the partisans and by unknown people who used the poles as fire wood.

At the present the Circolo has in its dépôts a total of 2917 poles. That figure is not, however, definite as the information on the most recent destructions is not yet to hand. .

The poles on hand are of medium length whilst for the main lines, poles of over eight metres in length are required. With the abovementioned stocks, however, it will be possible to meet the most urgent needs and temporarily repair the lines that require special poles of greater length, and later provide for the regular, rational and definite adjustment as soon as a supply can be obtained of at least a thousand poles of from 8.50 to 13 metres.in length.

Indipendently from the damage suffered through the war the polification feels the effect of the absence or insufficient maintenance during these last five years, in which the regular periodical strengthening, which implies the gradual substitution of the poles which, owing to the rot set in at the base, do not offer further guarantee of stability.

#### Condition of the lines.

15

The network of the Circolo extends itself mainly from East to West. That is from La Spezia to Ventimiglia. To the North are directed only two main lines, beginning at Genoa which is situated at about the centre of the network.

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Hereafter we examine, in order, first the lines at the East of Genoa, that is from Genoa to La Spezia, with their relative branches. Then the lines to the North, that is that of Genoa-Casella, which continues in the confining Circolo of Alessandria for Milan and Turin, and that from Genoa to Bobbio which continues for Piacenza and beyond in the confining Circolo of Parma.

At last, the conditions of the lines West of Genoa will be examined with their relative main and secondary branches and that is the main internal artery, Genoa-Millesime + Pieve di Teco - Ventimiglia, and the coastal line Genoa-Savona-Albenga-Imperia - Sanremo - Ventimiglia.

Lines East of Genoa. The main pole line Genoa - La Spezia is in good condition from Genoa to Gattorna. Three spans destroyed before the liberation of Genoa, near the connection hut of Montebruno, were promptly repaired.

From Gattorna towards the East, many wires were broken up to Carasco. On this stretch, work is in hand and is being carried out by two gangs. From Carasco proceeding towards the East the damages appear more numerous and heavy, more and more nearing La Spezia. Five pairs of poles destroyed between Carasco and Casarza in the localities between Cardani and Monte Domenico. Broken wires nearly for the total length of the line. Poles and lines broken for two triations at Casa Bianca, 4 at Bracco, 5 at Tagliamento, 5 at Baracche, 1 at Carrodano Superiore, 2 at Carrodano Inferiore, 30 pairs with many broken wires and wires missing at Borghetto Vara, 6 spans at Bocca di Pignone, 2 at Stagnedo, 6 at Padivarma, 3 at Pian di Barca and about 10 between Riccò del Golfo and La Spezia.

On arrival at La Spezia, the 40 wire line enters the junction hut of Castellazzo which has been badly damaged. Also the other hut of Via dei Colli has been very badly damaged. It will be necessary to replace all the panels of the Castellazzo hut; that of Via dei Colli will be abandoned. The cables on which are the various telegraph circuits (the telephone circuits only enter the hut for experimental purposes and then proceed for the Sputh in the area of the Circolo of Pisa) have suffered, as already mentioned, heavy damage right at the entrance to the Post Office building.

From La Spezia towards Carrara, this Circolo had for a year the temporary maintenance of the Circolo di Pisa's main line. Up to the end of March, 8 of the 40 wires were working for the Germans' command.

Then the line was very badly damaged in Val Durasca, at

6.  
1-6

Caparana and at Caprigliola. Over the bridge of Caprigliola the line does not exist any more as it was damaged by the germans in the anticipation of a withdrawal towards the Cisa Pass.

The material of the line had been hidden by the personnel so as to be able to use it after the arrival of the Allies. The poles are certainly missing. We do not know if the material has been destroyed owing to the bombardment of Fosdinovo during the Allied advance.

From Padivarma to Ceparana, via Piana di Battolla, an armoured polification, without wires, existed. We do not know if it has been taken away by the population to be used as fire wood during the recent winter, or if damaged by the patriots of that sector/

The other numerous military lines of the naval base of La Spezia have been continuously tampered with by troops of the Wehrmacht without the knowledge of the personnel of this Circolo. In many places the polification does not further exist owing to the destructions carried out by the germans and by the bombardments. Though the devastation is great, much of the material of the military lines could be recovered. A lot of labour is needed and also a truck. The question is rather urgent, as the population is committing deplorable acts of plunder that will be very difficult to argin owing to the location of the lines situated in the mountainous areas of La Spezia.

At the present a gang composed of the agents of La Spezia are repairing the main line of the city near Riccò del Golfo.

The branching from Baracche (near Mattarana) at Levanto, not badly damaged, is being repaired by a small gang of agents of Levanto.

The other minor branches of Calice and Sesta Godano will be repaired later.

The branch for Varese Ligure has been damaged in several places. As soon as we have the necessary personnel we will have the repairs carried out.

The Carasco - Chiavari branch has not been greatly damaged. It will have to be repaired soon as it is required to ensure the connection with the above important centre. The branch from Carasco to S. Stefano d'Aveto is badly damaged near Borzonasca due to the bombardment of this last mentioned locality, also further on it is damaged, but not so badly.

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The branch Uscio-Recco-Portofino- Santa Margherita - Rapallo is damaged at Recco where a kilometre of polification was destroyed by the bombardment of that locality. Other spans are

missing at Ruta, Portofino and near Santa Margherita.

The Genoa-Sori branch is not greatly damaged. 1-7  
The repair of same will be started as soon as possible in accordance to the availability of personnel now all engaged on the adjustment of the most important interregional direct and semidirect circuits.

Lines for the North. The 8/10 wire ordinary pole line from Genoa to Bobbio (for Piacenza) has suffered damage in various points of its length of about 80 kilometres. At the Pass of Scoffera there are spans of poles and wires missing. At the North of Torriglia a part has been used by the patriots. So far, we have only scarce news. It seems, however, that some poles are missing in various stretches as also not a few wires. For the prompt repair of same a pair of gangs would be required with a motor truck. Amongst the other difficulties we must here mention that of victualling. The gangs, although formed of good agents animated by good will, only receive scarce alimentation which inevitably reflects on their efficiency, taking into account that they work in the mountains far from inhabited centres, that they must endure heavy fatigues for the transport of poles on their shoulders, of the heavy line material and of the working implements, and that their salary is inferior to the high cost of living.

Genoa-Casella line. The greater number of telephone circuits for Milan and Turin as also 7 telephone circuits for these cities, are on the line for Casella where they are joined to the line for Montoggio and for Sant'Olcese. Casella marks the boundary with the Circolo of Alessandria. Here there is an appropriate test hut. All the wires have now been repaired. Some work is to be done for the definite adjustment of the polarization and the wires, but all the circuits are ready, within the competence of this Circolo, to be reactivated. We are not aware as to the extent of damage suffered by the lines out of the competence of the Circolo of Genoa.

Genoa-Pontedecimo-Campomorone-Voltaggio line. This line of ordinary polarization which reaches the test pole of Voltaggio, boundary of the Circolo of Alessandria, is very good up to Campomorone. A few interruptions further on will be eliminated perhaps during this week. Thus, also the circuits that are laid will be in condition to work if there are no breakages further North, out of the competence of this Circolo.

Lines towards the West of Genoa. The main internal line towards the West finds at Gioco Ligure a first important sorting centre. As far as that test hut, the lines are in good condition excepting at Palo and Sassetto where there are many interruptions now being repaired by two gangs of workmen.

8  
1-8

From the hut of Giovo a bunch of 20 wires descends to Savona. That line has suffered various interruptions. A gang of workmen is repairing same. It will take about another week to complete the repairs.

From Giovo the internal lines proceeds to Millesimo. In this stretch the interruptions are greater and more numerous.

On the main line, many spans of bronze wire are missing for over 6000 metres, as also various others of iron wire. Also more than 50 poles have been removed from the branches of same. The most serious damage is in the area from Dego to Roccetta Cengio. From Millesimo departs a bunch for Savona. On this there are only interruptions in the wires which are now being eliminated. A second bunch is directed to the North and reaches the test hut of Ceva, limit with the Circolo of Turin. That hut has been destroyed, and all along the stretch there are numerous and vast interruptions. The third bunch goes towards Calizzano and Zuccarello. The important test hut of Millesimo is damaged. The republican troops have removed from the line, as far as the locality of Acquafredda, over 1700 Kgs. of bronze wire. Also wires and poles are missing near Murialdo and towards the Colle of the Scraivaion.

The interruptions from Calizzano to Finalmarina are not very serious. The Zuccarello-Albenga bunch is in fair condition. Also that to Bord, from Zuccarello to Garessio has not suffered serious interruptions. The bunch from Ceva to Pieve di Teco is in fair condition. Heavy quantities of wire are, however, missing. The test hut of Pieve di Teco was blown up by the patriots in 1944.

At the South East of Pieve di Teco, on the secondary line which is directed towards Colle di S. Bartolomeo to Imperia has not suffered serious damage, whilst the Pieve di Teco-Zuccarello line bunch has been badly damaged, especially near Pieve di Teco, by the removal, made by the germans, of many spans of bronze wire (about 1000 Kgs.).

The main internal line proceeding from Pieve di Teco for Ventimiglia has suffered serious interruptions near Colle Pizzo (5 pairs destroyed and wire missing for a kilometre) near Colle di Carmo Langan, with various pairs destroyed and the removal of 10 kilometres of bronze wire and 30 Kilometres of iron wire, and then from Pigna to Ventimiglia where the line has been damaged also by bombardments and the war.

The line that from Ventimiglia proceeds for France has almost been destroyed up to the border line (Ponte di S. Luigi).

9.

In the branches from Molini di Triora to Arma di Taggia, there are poles and many spans of wire missing. There is also very serious damage, with some tens of poles missing, at Colle d'Evigno on the branch line which connects Leca (near Albenga) with Pontedassio.

Coastal line of the Genoa-Savona-Albenga-Imperia-Sanremo-Ventimiglia loops.

In the stretch from Genoa to Savona there are spans of bronze wire missing, substituted with iron wire. The wires are, however, to be regulated and the joints soldered.

From Savona towards Albenga the line has suffered greater damage; there are several spans of wire missing and broken poles which have been repaired in a temporary manner.

Still greater are the interruptions and the damage from Albenga towards Imperia and from Imperia to Ventimiglia. Of these last stretches we have not, up to the present, precise information as it has not yet been possible to have a survey made by one of our inspectors owing to the lack of means of transport. We believe that all the military lines from Pigna, for the anti aircraft and boundary line defence, have been destroyed.

The same can be said for the military lines from Baiardo for Cima Marta and Briga Marittima for Colle di Saccarello, Tunarello and for Colle di Nava. We are awaiting on the subject the reports of the agents of Pigna, Molini Triora and of Ormea.

Telegraph offices destroyed or damaged.

Amongst the main offices, served by permanent personnel, that which has suffered the largest damage is that of La Spezia which has been abandoned, as the apparatus room was hit in full by a bomb during a bombardment which destroyed many installations, the general switch and part of the workshop.

At the present at La Spezia a reduced scale telegraph service is carried out in the anti aircraft shelter constructed by our Administration near the Post/Office building.

The reconstruction of the apparatus room is urgent. As a temporary remedy part of the telegraph services could be reactivated in the dining hall.

Less damage was suffered by the office of Imperia, hit by a bomb which did not explode. It will be necessary to repair there also the apparatus room, now abandoned, and go over all the internal communications.

145

785015

10.

The telegraph office of Ventimiglia has suffered serious damage, infact we believe that it will have to be entirely reconstructed. 1-10

We are not yet in possession of precise information as regards the offices of Sanremo and Bordighera, which we believe were seriously hit during these last few days.

There are also some minor telegraph offices, totally, destroyed, as those of Recco, Sesta Godano, Zoagli, Borghetto Vera, Bogliasco, Favale di Malvaro, Carrodano, Levanto; Le Grazie (Varigiano), La Chiappa, S. Bartolomeo, S. Terenzo, Portovenere, Ameglia.

To ensure the working of the telegraph offices it will be necessary to remake the cells for which, however, there is no copper sulphate.

It would be better if oxide of copper feeders could be obtained which will allow the use of the electric light current.

Recovery of the inactive military lines, before entrusted to the Circolo, and inactive.

So as to avoid that the military lines maintained by the Circolo, and for the greater part damaged, be totally destroyed by the population, and the precious material become a total loss, it is necessary to form appropriate gangs at La Spezia, Genoa, Savona, Imperia and Ventimiglia, supplied with independant means of transport and to proceed early to recover all the materials.

#### Conclusions and proposals.

Summarising and concluding, for the purpose of soon re-establishing all the network, it will be necessary:

- 1 - That three officials of the Circolo be sent to Imperia, Savona and La Spezia.
- 2 - That each of the said officials be supplied with a motor truck to transport the materials and personnel.
- 3 - That it be possible to enlist a good number of specialized workmen, adequately paid and, possibly, provisioned.
- 4 - That the Circolo be supplied, as soon as possible, with the following important materials:-

20.000 Kgs 3 mm. bronze wire

25.000 " 3 " iron wire

300 " iron wire for bindings and joints

200 " 2 mm. tinned copper wire

250 " 1.5 mm. " "

150 " Tin solder (or virgin tin)

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11.

No. 500 pine or chestnut poles of 8.50 metres in length.  
300 " " " " from 9.00 to 9.50 metres  
150 " " " " 9.50 to 10.50 "  
100 " " " " 10.50 to 11.50 "  
50 " " " " of 11.00 metres and over.  
1000 Insulatori mod.1 VT (for lines armoured with old type cross arms).

1-11

It will be necessary that a motor truck be assigned to the main headquarters of Genoa, for the transportation of poles, of the materials and gangs, and that a light car also be assigned so as to enable the official of Genoa to travel to every point of the network from Genoa to Ventimiglia to instruct the gangs and supervise the work on the lines and in the offices.

Up to to-day have been re-established, but not reactivated, only a few local circuits and some communications with the headquarters of Savona and Alessandria.

The gangs formed at the present almost exclusively of permanent personnel, not having so far been able to enlist casual workmen, have the duty to re-establish at least one communication with Imperia, Sanremo, Albenga and Bordighera, Ventimiglia, Milan, Turin, La Spezia and Piacenza apart from intercommunal telephonic communications with Turin, Ventimiglia (Nizza), Milan, Alessandria and La Spezia (Pisa and Florence).

They must also re-establish the service telephone communications this being indispensable so as to make the tests of the circuits and issue orders to the gangs.

The re-activation of the circuits will begin only after the necessary instructions have been given by the Command of the Allied troops; in the meantime all the personnel is working everywhere with praiseworthy alacrity for the speedy re-establishment of the network, an object that will be reached more speedily if the funds, materials and means of transport above-mentioned are speedily supplied.

The Director of The Circolo.  
(S.gd) Geom. Oreste Pajetta.

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