

ACC 106/PWU

10000/150/665

10000/150/665

S. A. E., GENERAL
MAY 1945 - MAR. 1946

SOCIETÀ ANONIMA ELETTRIFICAZIONE

(S.A.E.)

SEDE IN MILANO

0.500.000

CAPITALE L. 4.500.000 INTERAMENTE VERSATO

C.F.C. MILANO N° 112339

LF.MP 45418

Nella risposta citare il N°

TELEFONI 83.815
87.257
TELEGRAMMI ELETTROBRENNERO - MILANO

5 marzo 1946

VIA LARGA, 8

On.le

COMITATO OLII MINERALI

MILANO

e per conoscenza :
OFFICE OF ECONOMIC COMMISSION FOR
NORTH ITALY - A.M.G. LOMBAEDIA
(To the Kind attention of : Col.Parker)

NAFTA PER FORNI

Domanda di assegnazione 20 Tonn.

Preghiamo codesto Spett.Ufficio di voler procedere all'assegnazione a ns.favore di :

- Tonn. 20 di nafta per forni.

Data la scarsita' delle assegnazioni di carbone la ns.Societa' ha provveduto alla dotazione di forni a combustione a nafta, per la lavorazione degli accessori metallici e morsetteria destinati alla riparazione di linee ferroviarie elettrificate per conto dell'On.le Amministrazione Ferroviaria ed alla costruzione di elettrodotti per le principali Aziende Elettriche d'Italia.

Data l'urgenza e l'importanza di tali lavori di preminente interesse pubblico, non dubitiamo che la presente richiesta venga favorevolmente ed integralmente accolta.

In attesa di cortese sollecita conferma, ringraziamo e porgiamo distinti saluti.--

SOCIETÀ ANONIMA ELETTRIFICAZIONE

4904

108
SOCIETÀ ANONIMA ELETTRIFICAZIONE

(S.A.E.)

SEDE IN MILANO

8.500.000

CAPITALE L. 150.000.000 INTERAMENTE VERSATO

C.F.C. MILANO N° 112239

TELEFONI 83.815
87.257

TELEGRAMMI ELETTOBRENNERO - MILANO

FINE
January 16th 1946
Milano (105)
VIA ADUA, 8

Nella risposta citare il n°

FB/LN

TO : Office of Economic Commission for North Italy.
To the kind attention of: Major Andrew Haban Jr. - Electric and gas -

Subj : Limitation of electric power.

We allow us to thank you for your very kind action on our behalf in the matter of power supply limitations.

We duly approached S.A. Orobia which took immediate steps to secure the necessary switching facilities in order to carry out your instructions. Unfortunately difficulties were raised by the Edison Company and of this you are already informed.

Apparently your instructions were at first interpreted in the sense that even if the exemption should be granted for the monthly power consumption no exception should be made in the weekly suspension of power supply.

We wish to point out that our firm is one of the very few industrial concerns which can and do work full time at full capacity, it being both possible and indispensable for the reconstruction of railways electrification and of power transmission.

Our Firm is at present engaged on over 50 contracts with the State Railways covering urgent work in all parts of Italy, from Ventimiglia on the french border to Ancona on the Adriatic and from Bolzano to Naples.

We are also engaged on several contracts for electric Companies such as The Società Meridionale di Elettricità (SME) concerning their main high tension lines which are essential for the power plants on the Pescara river.

It would seem that the best way to cope with the electric power shortage should be that of speeding up all work concerning the reconstruction of power lines and power plants. in general, just as the best way to cope with transport difficulties consists in the prompt rehabilitation of railway electrification.

4903

SOCIETÀ ANONIMA ELETRIFICAZIONE
(S. A. E.)

Foglio N. 2

Seguito alla lettera del January 16th 1946

TO: Office of Economic Commission for North Italy.

It would surprise us very much indeed to learn that our work is not considered urgent enough to insure an exemption from all forms of power supply limitation, when nothing is practically being done to discourage the use of power for the heating of houses and offices including those of the electric Companies.

We would point out further that our shop in Lacco requires only a very limited amount of power in proportion to the number of workmen employed (over 300) and to the daily output (over 20 tons). It should be also explained that, owing to the fact that many of our workmen have to travel by train to and from work, we cannot successfully change our working hours, so that practically the interruption in power supply corresponds to an interruption of production.

We feel confident therefore that a further consideration of our needs will confirm the soundness of our request for unhampered power supply.

We thank you again for your kind interest in the matter and we beg to remain,

yours very respectfully

SOCIETÀ ANONIMA ELETRIFICAZIONE

4902

AHJ/11.

HEADQUARTERS
LOMBARDIA REGION LIAISON GROUP
ALLIED COMMISSION
A P O 394

Industry & Utilities Sub-Commission - Milan Office -

8 January 1946

Th. 12641 Ext. 2255
Ref. 106/66✓

Subject / Electric Power, Società Anonima Elettificazione

To : Società Edison
32 Foro Bonaparte - Milano -
(Att. Ing. Romagnoli)

1. The firm S.A.E. is engaged in very urgent and important reconstruction work for the Military Railway Service and its work is extremely hampered by limitations of its electric power supply.

2. In accordance with instructions from Rome Hq. of MRS; and Allied Commission, Rome; and from Hq. No. 2 District; it is requested that they be exempt from electric power limitations.

3. The peak point demands are in the order of about 250 KW.

For the Chief Liaison Officer :

Andrew HABAN Jr.
MAJOR CAC
Deputy Chief
Industry & Utilities S/C.

Distribution to :
Chief Eng. - Hq. N. 2 District.
Capt. Burns 179 C R E.

4901

AHJ/11.

HEADQUARTERS
LOMBARDIA REGION LIAISON GROUP
ALLIED COMMISSION
A P O 394

Industry & Utilities Sub-Commission - Milan Office -

8 January 1946

Th. 12641 Ext. 2255
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For the Chief Liaison Officer :

Andrew HABAN Jr.
MAJOR CAC
Deputy Chief
Industry & Utilities S/C.

Distribution to :
Chief Eng. - Hq. N. 2 District.
Capt. Burns 179 C R E.

4900

SUBJECT: Rationing of Electrical Energy.

172 CE Works
HQ 2 District
Tele: BLENHEIM 333
Ref: CE/160/5

Date: 21 Dec 45

Societa' Anonima Elettrificazione
MILAN

Reference your FB/LN 42559 dated
14 Dec 45.

Herewith a copy of this HQ's letter
to HQ Allied Commission.

W. J. R. E.

Brigadier
Chief Engineer

Ela

Encl.

COPY

SUBJECT: Rationing of Electric Power.

172 CE Works
HQ 2 District
Tele: BLENHEIM 333
Ref: CE/160/5

Date: 11 Dec 45.

Electrical Division,
Headquarters Allied Commission
APO 394

1. Herewith copy of signal from TN Main, ROME, requesting exemption from Electric Power rationing for the works of Societa' Anonima Elettrificazione for your attention and necessary action.

2. This HQ suggests that the exemption should receive consideration.

(sgd) Jackson, Maj RE

for Brigadier
Chief Engineer

Copy to: TN Main

Encl.

INDUSTRY DIVISION
ROUTING SLIP

8 - JAN 1946

Date.....

FROM	TO	INITIALS
Mr. E.W. REMBERT		
Col. S.A. CRUMP		
Mr. K.C. WILSON		
Mr. J. A. MACNAUGHTON-WRIGHT		
Mr. H.R. WHITEHEAD		
Mr. R.T. HARRIS		
Mr. J. RIDDELL		
Mr. T.G. ELLIOTT		
Mr. J.C. STOTT		
Mr. L. ARRINGTON		
Mr. LAPHORNE	(1)	alot
Mr. G. GANDOLFI		
Mr. R. GARDENHI		
Mr. D. GOLDBERG		
Mr. R. ORTOLANI		
Mr. M. SIGNORA		
Mr. D. TROVATI		
Mr. H. HAN	(2)	
Mrs. A.M. CAVALLI		
Miss H. MARTINI		
C/Clerk-L/Cpl. J. PAGE		

FOR:

_____	Necessary Action
_____	Investigation & Report
_____	Recommendation & Remarks
_____	Information
_____	Approval
_____	Signature
_____	To note & return/pass on
_____	Discuss
_____	File
_____	B/T
_____	Type
_____	Translate

REMARKS

SOCIETÀ ANONIMA ELETTRO-CAZIONE

(S.A.E.)

SEDE IN MILANO

6.500.000

CAPITALE L. 45.000.000 INTERAMENTE VERSATO

C.F.C. MILANO N° 112239

FB/LN

Nella risposta citare il N°

42810

TELEFONI 83.815
67.257

TELEGRAMMI: ELETTROBRENNERO-MILANO

Milano (105) 20th. December 1945
VIA ADUA, 83 JAN 1946
6545
A.B.

TO : Office of Economic Commission for North Italy.
To the kind attention of: Major Andrew Haban Jr. - Electric and Gas. -

S

Subj : Limitation of electric power.

This Firm, engaged in urgent and important reconstruction work for the M.R.S. on the electrification plants of the I.S.R. is extremely hampered by the present limitations of electric power supply.

The Rome HQ. of M.R.S. should have communicated with you in the matter, and we are anxious to hear what can be done to relieve our situation. Our present power requirement is of 200 kW. only and it should not prove impossible to grant our request.

Thanking you in advance for your kind consideration we beg to remain

yours very respectfully

SOCIETÀ ANONIMA ELETTRO-CAZIONE

Enclosed: Copy of the message from: TN MAIN Rome to: CE N° 2 DISTRICT

4899

COPYMESSAGE FORM

FROM : TN MAIN ROME
TO : CE N° 2 DISTRICT (ACTION)

TN.A.3(E). Unclassified. Subject is rationing of electric power .
It is reported that electric power supplies to the works of Società Anonima Elettrificazione located at Lecco -Acquate- in the Province of Como have been rationed as from 3 Dec. 1945 and power is cut off on monday and tuesday each week. This firm is engaged on urgent work in connection with restoration of electric high tension transmission lines throughout northern and central Italy for electric Companies and re-electrification of railways. It is essential that no delay shall occur in schedule repair programme so that civil transmission lines may be relieved of electric traction loads. In view of the important and urgent nature of the work being undertaken by above Firm this HQ. requests that above mentioned works should be exempt from electric power rationing.

As written

Priority: Important

Signed ...E..C..Lyon.....

Copy to: Servizio Lavori, I.S.R. (by hand)

4898

Tel. 489081
Ext. 317

LWL/fr

HEADQUARTERS ALLIED COMMISSION
APO 394
Industry and Utilities Sub-Commission

P.W.U.

O60/PWU

28 Dec 1945

SUBJECT : Electric Service-Società Anonima Elettrificazione
Lecco Acquate - Como.

TO : Economic Commissioner for North Italy, AMG —
Milan Office
(Attn. Maj. Haben).

1. Attached copy of letter and telegram from 172 C.E. Works pertaining to continuity of electric power service to the above establishment is referred to you for information and any necessary action.

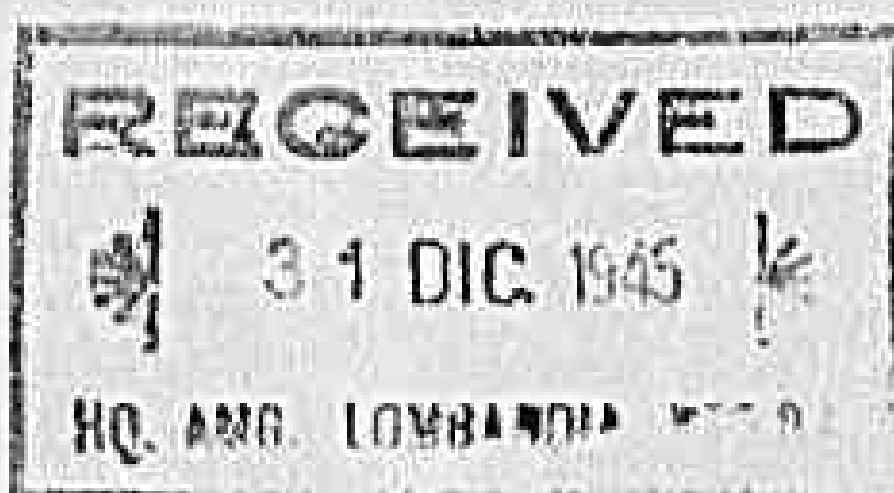
2. This establishment falls within the category of industries engaged on electric rehabilitation work, which should be given high priority on electric service in line with our previous conversations.

George Parker
GEORGE F. PARKER,
Colonel, Inf.,
Chief Elec. Div.

Copy to
172 C.E. Works
HQ Dist 2

2 enclosures

Copy letter 172 C.E. Works-11 Dec 45-CE/160/5
Copy telegram-36Tn A3(E)- 7 Dec 45



OK
write letter
to Edison
4897

COPY

MEAV V MEXS 42 IMPORTANT
 FROM TN MAIN ROME 7/12
 TO CE NO 3 DISTRICT
 GR 134 BT

36TNAS(E): UNCLASSIFIED . SUBJECT IS RATIONING OF ELECTRIC POWER. IT IS REPORTED THAT ELECTRIC POWER SUPPLIES TO THE WORKS OS SOCIETA' ANONIMA ELETTRIFICAZIONE LOCATED AT LECCO ACQUATE IN THE PROVINCE OF COMO HAVE BEEN RATIONED AS FROM 3 DEC 1945 AND POWER IS CUT OFF ON MONDAY AND TUESDAY EACH WEEK . THIS FIRM IS ENGAGED ON URGENT WORK IN CONNECTION WITH RESTORATION OF ELECTRIC HIGH TENSION TRANSMISSION LINES THROUGHOUT NORTHERN AND CENTRAL ITALY FOR ELECTRIC COMPANIES AND RE-ELECTRIFICATION OF RAILWAYS . IT IS ESSENTIAL THAT NO DELAY SHALL OCCUR IN SCHEDULE REPAIR PROGRAMME SO THAT CIVIL TRANSMISSION LINES MAY BE RELIEVED OF ELECTRIC TRACTION LOADS. IN VIEW OF THE IMPORTANT AND URGENT NATURE OF THE WORK BEING UNDERTAKEN BY ABOVE FIRM THIS HQ REQUESTS THAT ABOVE MENTIONED WORKS SHOULD BE EXEMPT FROM ELECTRIC POWER RATIONING.

BT 071800A
 SENT SPR 1950 AR K

INT ADD TO TO C E NO2 DISTRICT
 RD 1955 EM B1

4896

COPY

SUBJECT / Rationing of Electric Power.

172 C.E. Works,
HQ 2 District,
Tale : BLENHEIM 333
Ref. : CE/160/5

Date : 11 Dec 45

Electrical Division,
Headquarters Allied Commission,
APO 394.

1. Herewith copy of signal from TN Main, ROME, requesting exemption from Electric Power rationing for the works of Società Anonima Elettrificazione for your attention and necessary action.

2. This HQ suggests that the exemption should receive consideration.

(sgnd) W. Jackson
Major, R.E.
for Brigadier,
Chief Engineer.

/llp
Copy to : TN Main
Enclos:

SOCIETÀ ANONIMA ELETTRIFICAZIONE
(S.A.E.)

SEDE IN MILANO

CAPITALE L. 6.500.000 INTERAMENTE VERSATO

C.P.C. MILANO N° 11239

Nella risposta citare il N°

37185

ELECTRIC TRANSMISSION LINES

21.5.1945

Indirizzo provvisorio: ACQUATE (Como)
Telefono 22-51
Telegrammi: ELETTROBRENNERO - LECCO

A . M . G . Headquarters
Public Works Division
M I L A N O

To the kind attention of Col. Parker

As verbally stated on the 19th inst., we are in charge of the rehabilitation work of transmission lines for the 'Montecatini' and for the 'CONIEL' concerns. We enclose a copy of a letter from the 'CONIEL' empowering us to act for them in this matter.

We beg now to submit for your examination and approval an outline of our program, with particular reference to questions where Allied support is most likely to be needed.

'Montecatini' lines. For the rehabilitation of lines intended to carry power to the Apuania and Ferrara factories, and to complete repairs on the main lines of the 'Montecatini's own network, we expect to send out three outfits provided with lorries, erection equipment and machinery, lodging materials and reservations.

Exact estimates of materials, labour and time requirements, cannot be made until after the visit to be conducted with Ing. Prammaggiore in the next few days; however we would at once call to your attention that the Pontremoli-Aulla and Aulla-La Spezia lines were originally strung with 10 mm diameter copper wire, but the towers are definitely strong enough to carry the equivalent aluminum (steel cored or alloy) conductors, so that while the remaining copper will certainly be enough for at least the first cir-

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cuit, the second circuit may be completed at any time, wholly or partly with aluminum conductors. One circuit will suffice anyway for the first operation of the Apuania factory.

'CONIEL' 230 kV line. Between Bussolengo and Rubiera there are only two minor breakdowns besides the Po crossing. One of our outfits, also provided with lorries, erection equipment and machinery, lodging materials and reserve rations, will reestablish the river crossing in about a fortnight, on the understanding that the CONIEL will deliver on site the necessary reserve materials (all of which seem to be available in Rubiera, conductors included) and that a fleet of 25 to 30 ordinary river boats may be hired for a few days to assist in the salvaging and restringing operations.

Between Rubiera and Tavarnuzzo, where about fifty towers have been blown up, we shall send up to four outfits similarly equipped, each outfit to repair one tower in 2 to 3 days. In the repairs we intend to use as far as possible salvaged materials, completing the job with new materials to be shipped from the factory and to be manufactured on site by special factory outfits.

For the repairing of conductors we are waiting to hear first how much conductor will be required and how much is left of the reserves hidden during German occupation. We venture however to submit at once the recommendation that in view of this line's outstanding importance, the original conductor type should be used throughout and if sufficient reserve were not available (which is only too likely) the required quantity should immediately be ordered from Porto Marghera. Such a course would not prejudice the repairs on other lines, as correspondingly larger amounts of actual conductor stock will remain available.

To provide the probably many necessary insulators, we intend to reduce the number of elements on a large portion of the line, which anyway must operate at 130 kV instead of 230 kV due to lack of 230 kV transformers. For this job and for restringing operations besides our own stringing outfits, including the one from the Po crossing, the 'CONIEL' 4

4894

- 3 -

will give assistance with her own maintenance force, if and when available.

Pending the examination by our engineers of the present line situation we would rather not make a precise time forecast, but on the information so far received we expect to complete the job in about two months.

All the requirement for these tasks is in our possession, on the assumption of normal working conditions and provided the steel required does not exceed our present stock.

We require however your assistance in the following :

A) urgently

- ✓1) - Free circulation passes for our staff.
- 2) - ,, ,, ,, ,, ,, passenger cars.
- 3) - ,, ,, ,, ,, ,, lorries and vans.
- 4) - Allocation of normal food rations for our labour forces in the several districts.
- 5) - Permission to transfer reserve or extra food rations from our stores to the work sites.
- 6) - Unfreezing of steel consignments already rolled to our order.
- 7) - Allocation of rail transportation of materials, where available, in order to shorten hauling distances.

B) as the need may arise

- 8) - Allocation of fuel and lubricants for our cars and erection machinery. We have enough to start and go well ahead with, but later will need more.
- 9) - Allocation of tyres, as we have hardly enough to go round, and the hot season and heavy loads will make short work of that.
- 10) - Allocation of ex german camp cabins or tents, where the local lodging facilities may prove insufficient, as our own camps have been destroyed or taken away by the germans, while beddings and cooking equipment were mostly rescued.

As kindly suggested we enclose lists of our engineers, overseers and gang foremen, for whom we recommend the issuing of passes; we also enclose lists of cars and lorries to which free circulation should be allowed in exemption from present or future restrictions.

At your service for any further information and details on the subject, as well as for anything in our power, we beg to remain

yours very respectfully

SOCIETA' ANONIMA ELETTRIFICAZIONE

4893

DOTTO 230 KV TAVARNUZZE - BUSSOLENGO

COMPAGNIA NAZIONALE IMPRESE ELETTRICHE CONIEL
SOCIETA ELETTRICA BELT - VALDARNO
SOCIETA ROMANA DI ELETTRICITA

Milano 18 Maggio 1945
Presso S.A.E. Via Adua 8

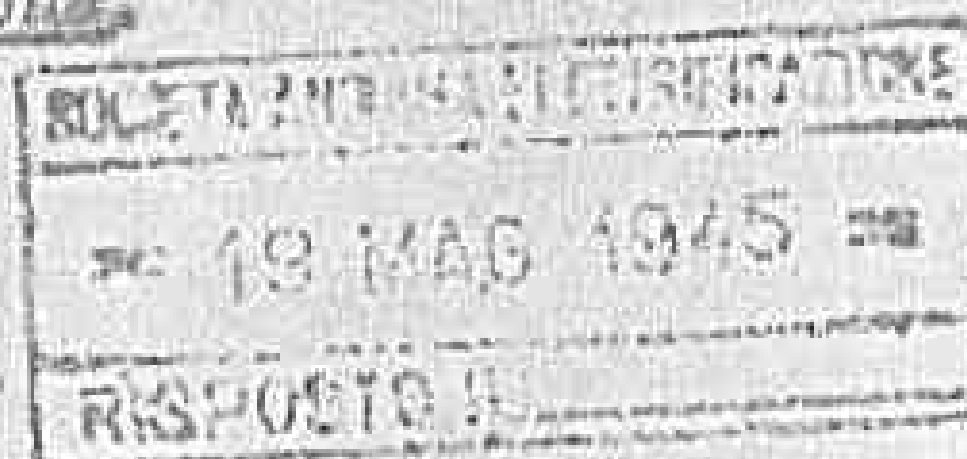
Sede in ROMA
VIA BONCOMPAGNI 12

Telefono 2222

N.° 10044/19/LP.

OGGETTO: Riparazione linea 230 KV Firenze - Verona.

Spett. Soc. An. Elettificazione
S.A.E.
ACQUATE-LECCO



A seguito dei verbali accordi ci preghiamo confermarvi l'incarico di procedere con la massima sollecitudine alla riparazione della linea 230 KV TAVARNUZZE-BUSSOLENGO, e a tale scopo vi autorizziamo a trattare in nome e per conto nostro col Comando Alleato per tutto quanto riguarda permessi e assegnazioni necessari per l'esecuzione dei lavori di riparazione e delle relative forniture.

Naturalmente le Vostre richieste non escludono le nostre già presentate all'UNIEL per l'incendio alle autorità per gomme lubrificanti e benzina, poiché abbiamo i nostri automezzi del tutto fermi: questo vi preghiamo di far presente al Sig. Col. Parker. Distinti saluti.

TRANSLATION

Following our verbal agreements it is understood that you are in charge of the rehabilitation work of the 230 kv Tavarnuzze-Bussolengo line, and to that end we authorize you to deal in our name and interest with the Allied Commands in everything concerning permissions and allocations necessary for the repair works and supplies.

Your requests are naturally not to interfere with those we already advanced through the UNIEL concerning tyres, lubricants and fuel, since our own motors are all held up from lack of supplies: please point this out to Col. Parker.

a Comandante Elettrodotto 230 kv
TAVARNUZZE-BUSSOLENGO
IL DIRETTORE DEI LAVORI
(Ing. Luigi Pavanelli)

4892

SOCIETÀ ANONIMA ELETTRIFICAZIONE

MEMORANDUM

on the history and activity of the S . A . E .

The S.A.E. (Società Anonima Elettificazione, of Milan, Via Adua 8, temporarily moved to Lecco (Como) telephone Nr 2251, cable address ELETTROBRENNERO) was founded in 1926 for the purpose of securing contracts from the Italian State Railways for the electrification of their lines that after the conclusion of the pioneering and experimental stages, was about to get under way.

Among the original subscribers were four large industrial concerns, namely :

- Tecnomasio Italiano Brown Boveri (T.I.B.B.)
- Acciaierie e Ferriere Lombarde Falck (A.F.L.F.)
- Ansaldo S.A.
- Ercole Marelli & C. S.A.

who have remained now its sole stockholders.

The S.A.E. was intended to obtain the contracts, to carry out all the field and track work, and to avail itself, for the supply of materials and equipment, of the four stockholding firms whose production covered practically every requirement of electrification work.

This scheme worked out very satisfactorily and the S.A.E. soon won itself a reputation for quick and efficient performance in its field.

A list of the lines electrified by the S.A.E. is appended.

Starting with the Bolzano - Brennero line in the northernmost point of the Alpine divide the work extended gradually south to the Straits of Messina, for a total of about 5000 km of railroad track.

The S.A.E. has had good practice both with the 3-phase and with the direct current systems, and besides the main State Railway lines has electrified several private railroads.

Excluding tramcar and trolleybus lines the S.A.E. alone is responsible for over one half of the prewar electrifications in Italy.

The accompanying chart will confirm this statement.

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SOCIETÀ ANONIMA ELETRIFICAZIONE

The S.A.E.'s share of electrification work included :

- All preliminary studies and surveys
- Mechanical calculation of conductors and supports
- Design and construction of poles, towers and their equipment
- Provision and supply of all materials for contact and feeding lines, for high tension supply lines, for substations and for telephone cable installation
- Supply of electrical equipment and machinery for substations
- Supply of electric locomotives and rolling stock if required
- Installations of all materials, equipment and machinery
- Planning and construction of all buildings called for under the electrification schemes.

In spite of keen competition and of many difficulties the S.A.E. contrived to secure most of the electrification works, mainly through its thorough observance of specifications, high standard of quality, efficiency and speed in the completion of works, its wide minded labour policy, its training of crack erection gangs, and through the study, design and construction of special erection equipment for track and field work.

This equipment, mostly dismantled and hidden during german occupation, is now being re-assembled and prepared for the reconstruction tasks.

Besides the railway electrification activity, the S.A.E. soon developed the construction of power transmission lines and particularly of transmission line towers, of which it designed modern and interesting types allowing a very considerable saving of metal through the use of appropriate qualities of structural steel, of tubular compression members and of extensive arc welding. Over 2500 km of transmission lines have up to date been built by the S.A.E. for practically all the leading electric companies, and the S.A.E. towers, mostly built in its own shop or in one of its subscribers' works, mark many an Italian landscape with their distinctive appearance.

The annexed map shows the lines entirely built by the S.A.E. and those built with S.A.E. supplied towers.

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SOCIETÀ ANONIMA ELETTRIFICAZIONE

Other activities of the S.A.E. have been the laying of telephone cables, mainly along electrified lines where former overhead telephone and signal circuits had to be removed, up to a total of over 1500 km before the war, and the installation of power substations both for the feeding of contact lines and at transmission line terminals.

Several substation and aggregate buildings have also been constructed by the S.A.E., whose main task in this field concerned however out of door installations including the design and supply of steel framework and the erection of electrical equipment. Altogether over 50 substations have either been installed or had steel framework supplied for, the latter being again a S.A.E. specialty as regards originality of design and saving of materials.

When the industrial situation, owing to the war, showed a slump in the demand for steel towers, the S.A.E. turned to other steel structures, notably roof frameworks for industrial buildings, where it obtained some interesting results. This timely initiative, in addition to several orders still pending for the electric companies allowed the S.A.E. to keep its shop busy all through the German occupation, while the line gangs were mostly employed in rescue work on the electrified lines where all possible steps were taken to save the State Railways property from being looted and later destroyed.

Annual potential capacity of the S.A.E.

Availing itself of its technical and executive staff, of its shop for the construction of steel structures and accessories, (besides its subscribers' shops for the supply of materials and machinery) of its complete equipment for track and field work and of its transport outfit, the yearly production and erection capacity of the S.A.E. may be estimated at :

- 15000 tons of common type steel towers, the equivalent of 9000 tons of modern light towers, or an equivalent quantity of steel framework.
- 500 tons of galvanized equipment for trolley and transmission lines,
- 1200 km of newly electrified track or a correspondingly larger amount of reconstructed electrification.
- 600 km of high tension line new construction.

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SOCIETÀ ANONIMA ELETTRIFICAZIONE

Foreign activity.

Much as it desired a chance to test its ability abroad, the S.A.E. was too strictly bound to its subscribers in all matters concerning the supply of machinery and couldn't therefore proceed with the necessary independence to secure contracts outside Italy. It entered however the international competition to electrify the Cairo Helouan railway in Egypt, and after the inspection by British engineers was inscribed in the list of approved manufacturers and contractors to the Egyptian Government. Its tender proved one of the best submitted, but preference was naturally given to a well known and long established British firm.

Complete studies were also carried out for electrifications in Roumania, Spain, Brazil and France, the latter interrupted by the war outbreak, but the tenders were submitted through manufacturers pools that were bound to fail from the start, in front of foreign competition.

The experiences were however very instructive and may prove valuable for the future.

References.

Italian State Railways, Ferrovie dello Stato, Servizio Lavori, Ufficio VII Elettificazione. Roma, Firenze, Bologna? Milano, etc.

Compagnia Nazionale Imprese Elettriche (CONIEL) Roma and Milano

Società Meridionale di Eletticità (SME) Napoli

Società Edison di Eletticità Milano

Montecatini, Servizi dell'Energia Milano

and the main electric companies in Italy.

Lecco 15.5.45.

FB/fb

4888



A. SALVI & C. GIA
IMPRESA FORNITURE INDUSTRIALI

C. P. E. MILANO 75136

STABILIMENTO: BOVISA - VIA E COSENZ, 32
TELEFONI: 97-561 - 97-596
RACCORDO FERROVIARIO: BOVISA - NORD

Via Lovanio 5
DIREZIONE: MILANO - ~~VIA NOSSOLINI~~
TELEFONO 65-088
TELEGRAMMI: BONBALDO - MILANO

Milan, May 18th 1945

To Colonel GRUMP
Head of the INDUSTRY & COMMERCE Section of the A.M.C.
Palazzo Montecatini
Via Principe Umberto 18
MILANO
=====

Dear Sir:

the writer has been associated for the last 25 years with
Mr. A. DACCÒ in the formerly established Company IMPRESA FORNITURE
INDUSTRIALI I.F.I. as sole concessionaires in Italy for the Champion
Spark Plug Company, Toledo Ohio, U.S.A.

While we are looking forward to resuming as soon as possible our connection with the Champion Company, whose interests will be handled and carried out through a new organization which will be formed in the very near future to continue our commercial line, the writer wishes to inform you that the firm of I.F.I. has been succeeded by a Company named as above, which owns and runs an up to date large plant for the manufacture of overhead material for high tension transmission lines.

As licensees to the ALUMINUM COMPANY OF AMERICA and collaborators to the OHIO BRASS COMPANY of Mansfield Ohio, our organization is in a position to fulfill the task of resuming work at full capacity for the reconstruction and urgent repairs of the Italian electrical power transmission system.

Milan, May 18th 1945

To Colonel GRUMP
Head of the INDUSTRY & COMMERCE Section of the A.M.G.
Palazzo Montecatini
Via Principe Umberto 18
MILANO

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Dear Sir:

the writer has been associated for the last 25 years with Mr. A. DACCONE in the formerly established Company IMPRESA FORNITURE INDUSTRIALI I.F.I. as sole concessionaires in Italy for the Champion Spark Plug Company, Toledo Ohio, U.S.A.

While we are looking forward to resuming as soon as possible our connection with the Champion Company, whose interests will be handled and carried out through a new organisation which will be formed in the very near future to continue our commercial line, the writer wishes to inform you that the firm of I.F.I. has been succeeded by a Company named as above, which owns and runs an up to date large plant for the manufacture of overhead material for high tension transmission lines.

As licensees to the ALUMINUM COMPANY OF AMERICA and collaborators to the OHIO BRASS COMPANY of Mansfield Ohio, our industrial organisation is in a position to fulfil the task of resuming work at full capacity for the reconstruction and urgent repairs of the Italian electrical power transmission system.

It is to our knowledge that several of the main transmission lines in Central and Southern Italy have badly suffered through the damages caused both by the war and particularly by the systematic destructions carried out by the enemy.

Having been able to save from requisition a certain amount of raw materials destined to our industry, we are in a position to answer to any enquiry for hardware equipments and clamps that may

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Col. Grump, Milan

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be urgently needed, chiefly by the Italian State Railways, as well as by the electrical Power Companies, provided we shall be supplied within a reasonable time with the necessary quantity of coal and fuels.

We strongly believe that our plant, being the only industrial organisation in the country that has delivered in the past practically all of the overhead material for extra high tension transmissions, both to the Italian State Railways and the electrical Power Companies should be considered as a key and indispensable factory for the reconstruction of our electrical power system.

We are enclosing herewith a brief description of our organisation, with the sincere wish to co-operate with you in any way to the fullest extent, while the writer will be extremely pleased to place himself at your disposal for establishing a practical program in complete accord with your orders.

Yours very truly

A. SALVI & C.

via F.lli

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Yours very truly

A. SALVI & C.

M.F.I.
[Signature]

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A. SALVI & C. GIA

IMPRESA FORNITURE INDUSTRIALI

C. P. E. MILANO 75138

STABILIMENTO: BOVISA - VIA E. COSENZ, 32
TELEFONI: 97-561 - 97-595
RACCORDO FERROVIARIO: BOVISA - NORD

Via Lovanio 5
DIREZIONE: MILANO - ~~VIA MUSSOLINI~~
TELEFONO 55-058
TELEGRAMMI: BONBALDO - MILANO

NAME OF FIRM: A. SALVI & C. formerly IMPRESA FORNITURE INDUSTRIALI
I.F.I.

Proprietor & General Manager: Mr. A. SALVI, Licensee for the
ALUMINUM COMPANY OF AMERICA, and also General Agent in association
with Mr. A. DACCONE of the firm of LIASA, Jerago (Varese) for the
CHAMPION SPARK PLUG COMPANY, Toledo, Ohio, U.S.A. since 1923

OFFICE: Head Office in Milano, Via Lovanio 5 (formerly Via A.
Mussolini 5) Tel. 65055

FACTORY: Milano Bovisa, Via E. Cosenz 32, Phone 97561 97595

ESTABLISHMENT: Mechanical precision workshop
Hot dip galvanizing plant for ferrous metals
Complete acetylen and welding shop.

PRODUCTION: The firm owns the only large industrial plant in Italy
specialized in the manufacture of equipments, hardware,
fittings and clamps for overhead extra high tension
electrical transmission lines, with a special depart-
ment for the production of compression type strain
clamps and joints, chill cast in pure aluminum, as
well as tapered armor rods (anti-vibration system) under
the license of the ALUMINUM COMPANY OF AMERICA.

MONTHLY PRODUCTION POSSIBILITIES: the firm is in a position to pro-
duce complete fittings for about 50 miles of extra high
tension transmission lines ranging from 75 to 220.000
Volts inclusive working tension, every month.

FINANCIAL REFERENCES: Banca Unione, Milan, Via S. Maria Segreta
Credito Italiano, Milan, Agenzia N.26, Via

STABILIMENTO: BOVISA - VIA E. COSENZ, 32
TELEFONI: 97-561 - 97-595
RACCORDO FERROVIARIO: BOVISA - NORD

Via Lovanio 5
DIREZIONE: MILANO - ~~VIA MUSSOLINI~~
TELEFONO 66-058
TELEGRAMMI: BONSALDO - MILANO

NAME OF FIRM : A. SALVI & C. formerly LIPRESA FORNITURE INDUSTRIALI
I.F.I.

Proprietor & General Manager: Mr. A. SALVI, Licensee for the
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Credito Italiano, Milan, Agenzia N.26, Via
Solferino.

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PRODUCTION REFERENCES : the firm has been up to the war the only factory supplying the entire overhead equipment for all primary 70.000 and 150.000 Volt transmission lines which were built by the Italian State Railways since 1930 as well as by the Italian electric power Companies such as

S.A. MONTECATINI
 SOCIETA EDISON
 SOCIETA ADRIATICA DI ELETRICITA' S.A.D.E.
 SOCIETA IDROELETTRICA PIEMONTE S.I.P.
 SOCIETA TERNI
 SOCIETA MERIDIONALE DI ELETRICITA'
 SOCIETA ROMANA DI ELETRICITA'
 SOCIETA ELETRICA SELT VALDARNO

and all their subsidiaries.

Our firm has supplied material also for large plants in Soviet Russia for the construction of the DNIESTROI 150.000 Volt and the SVIRSTROI 220.000 Volt systems.

The firm is in a position to accept orders and start production at once, provided a sufficient quantity of coal, steel, fuel a.s.o. is supplied regularly every month.

Milan, May 18th 1945

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 SOCIETA EDISON
 SOCIETA ADRIATICA DI ELETTRICITA' S.A.D.E.
 SOCIETA IDROELETTRICA PIEMONTE S.I.P.
 SOCIETA TERNI
 SOCIETA MERIDIONALE DI ELETTRICITA'
 SOCIETA ROMANA DI ELETTRICITA'
 SOCIETA ELETTRICA SALT VALDARNO

and all their subsidiaries.

Our firm has supplied material also for large plants in Soviet Russia for the construction of the DNEPROSTROI 150,000 Volt and the SVIRSTROI 220,000 Volt systems.

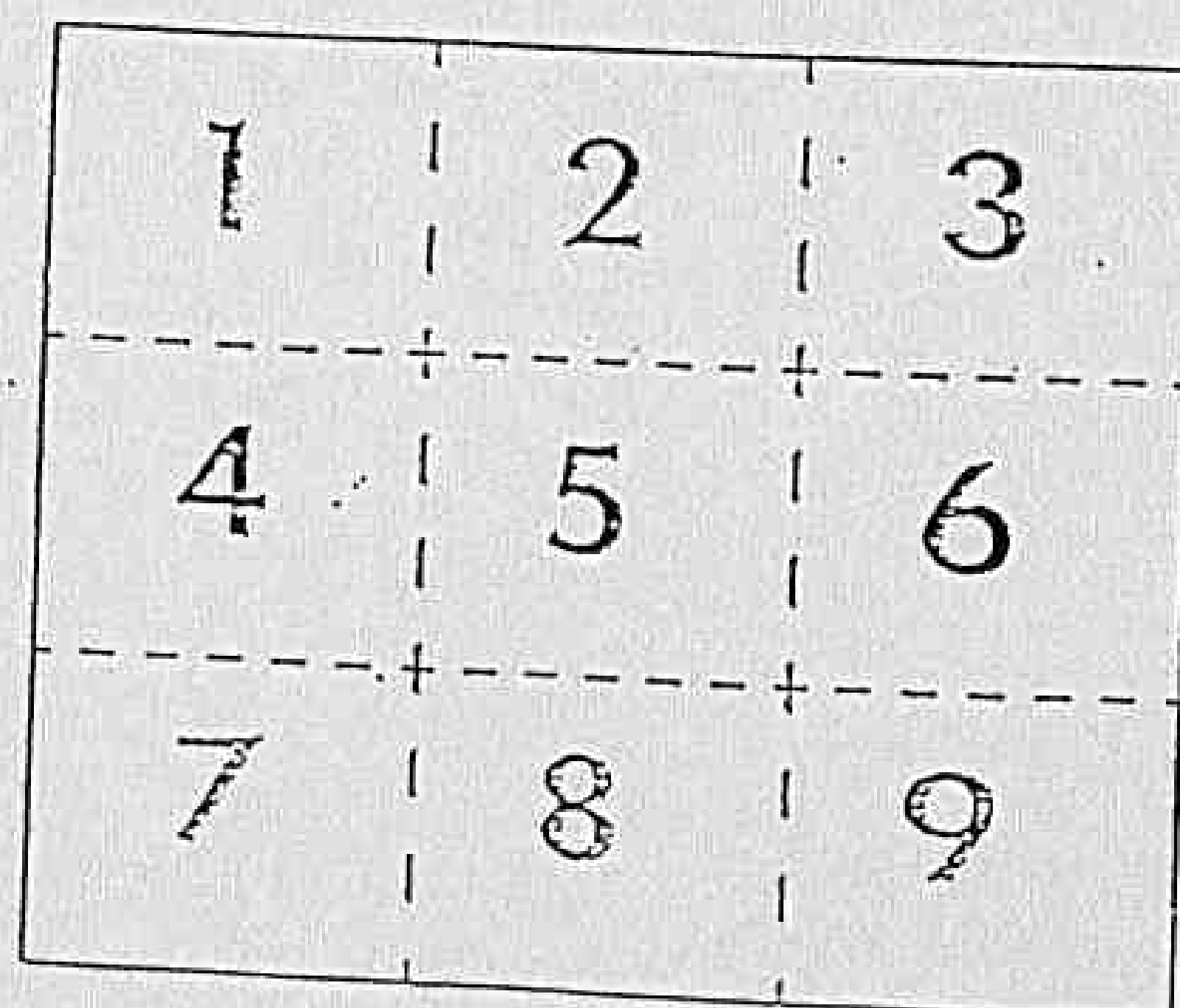
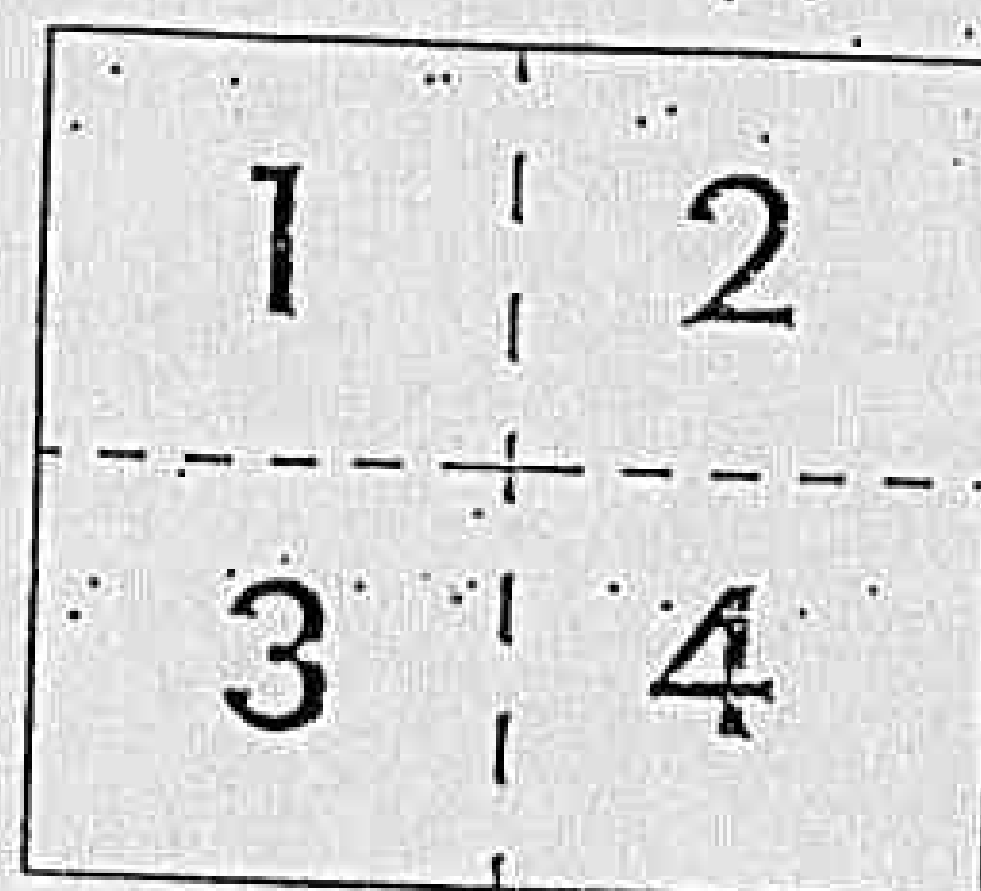
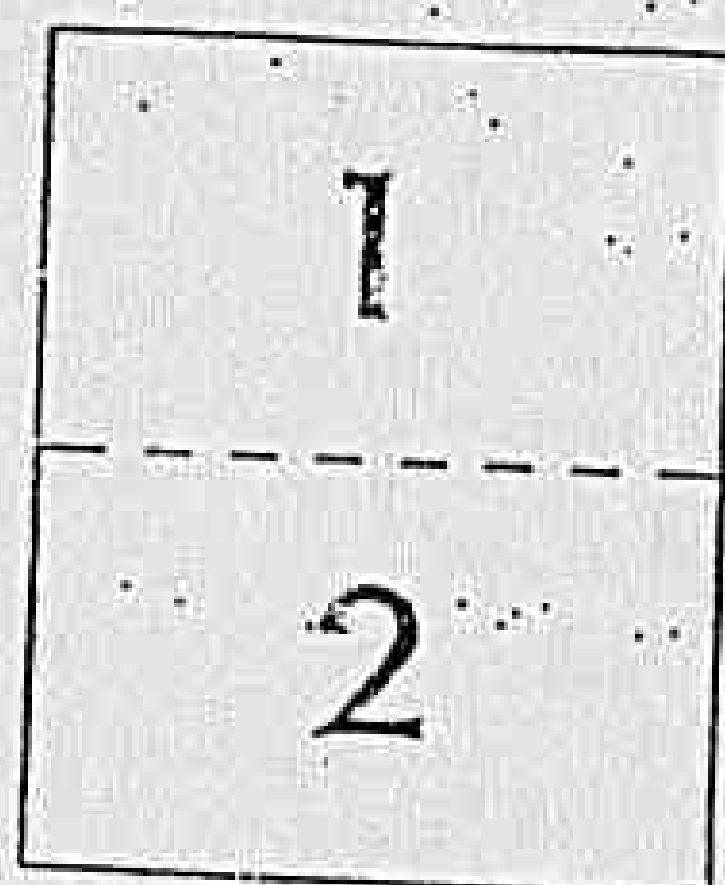
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Milan, May 18th 1945

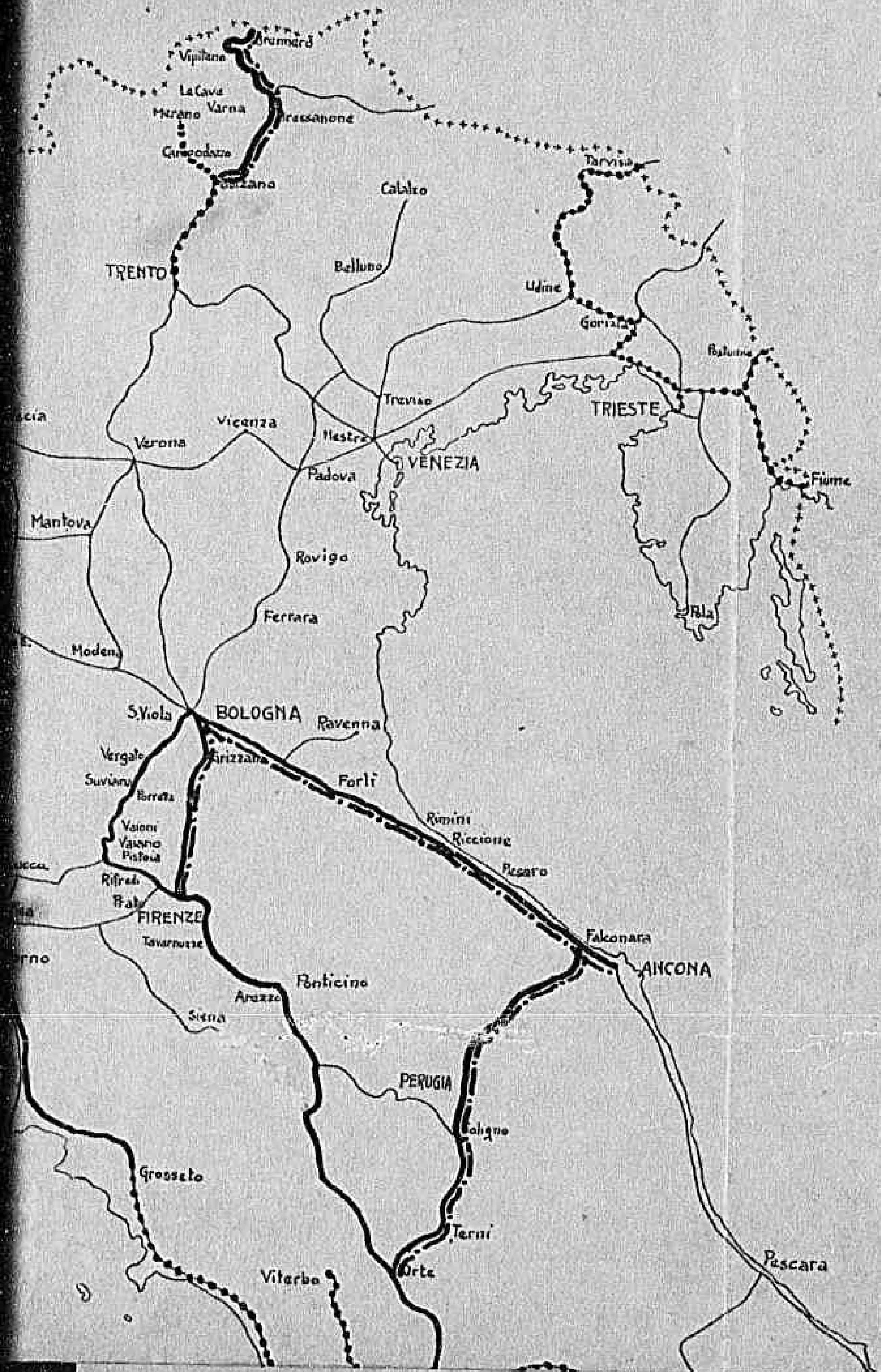
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MAPS AND CHARTS TOO LARGE TO FILM
ON ONE EXPOSURE ARE FILMED CLOCKWISE
BEGINNING IN THE UPPER LEFT CORNER,
LEFT TO RIGHT, AND TOP TO BOTTOM.

SEE DIAGRAMS BELOW.



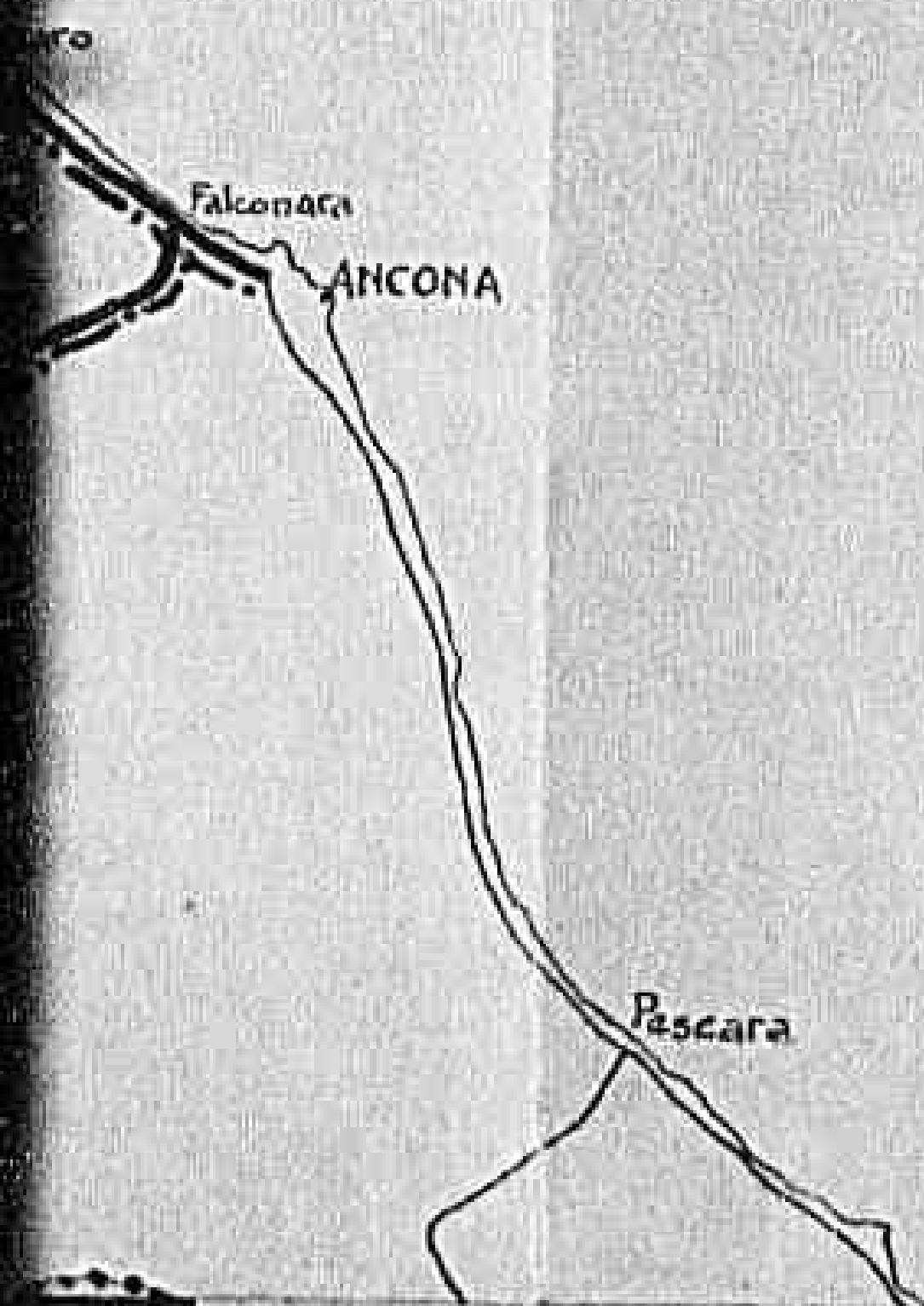
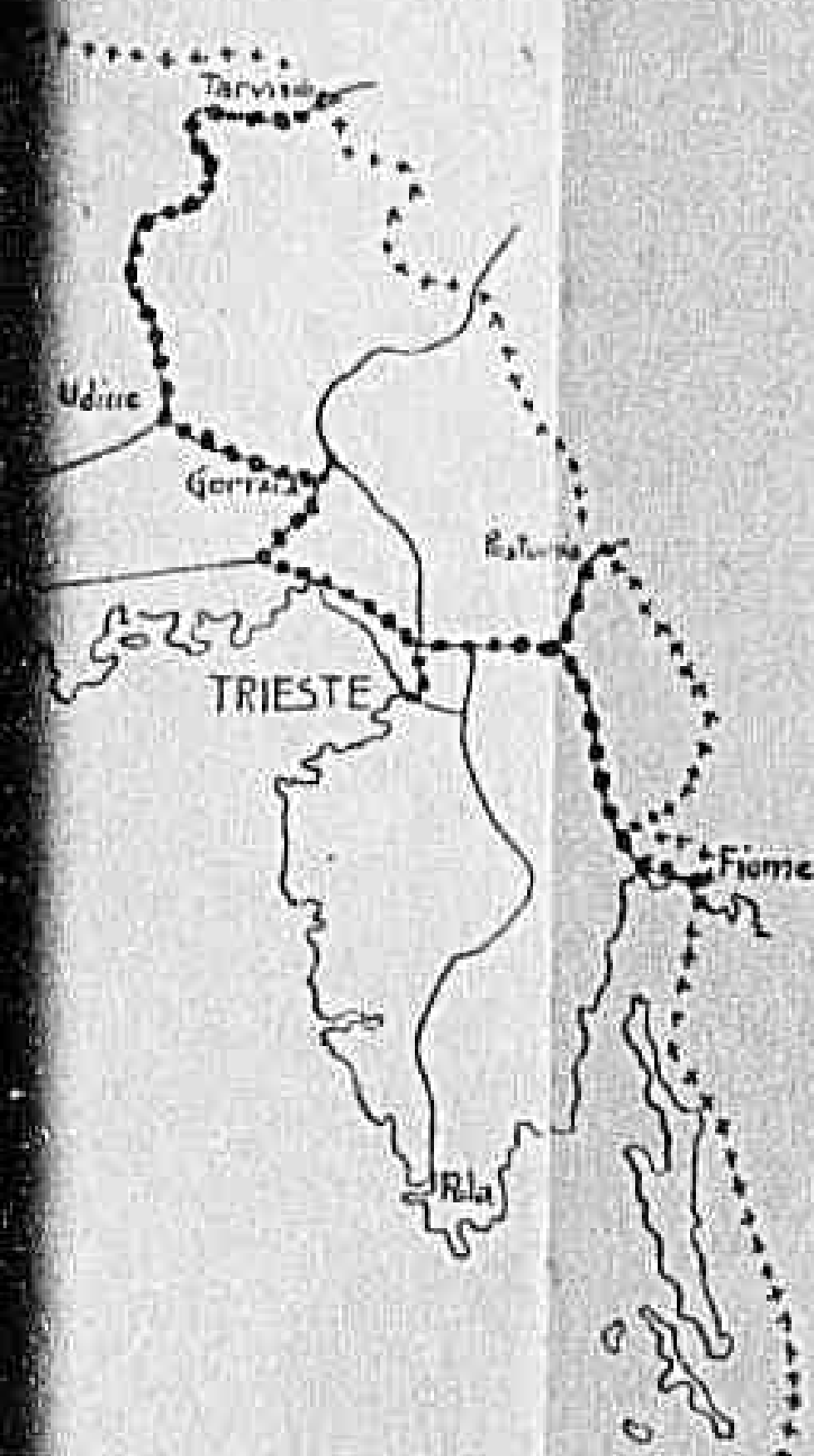
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SOCIETA' ANONIMA ELETTRE
MILANO



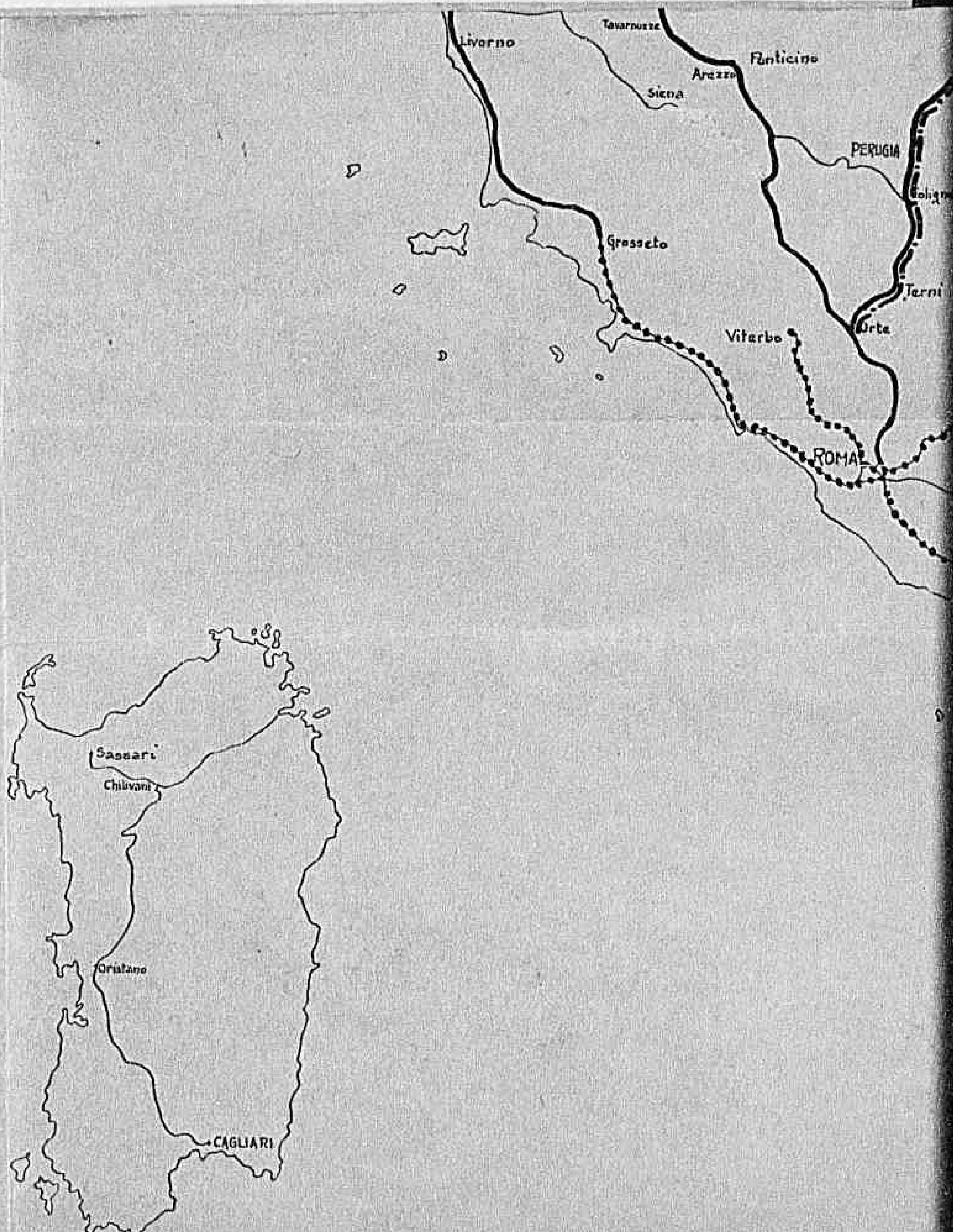
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- - - Cavi telegrafonici
... Lines di contatto elettrificate da Terzi

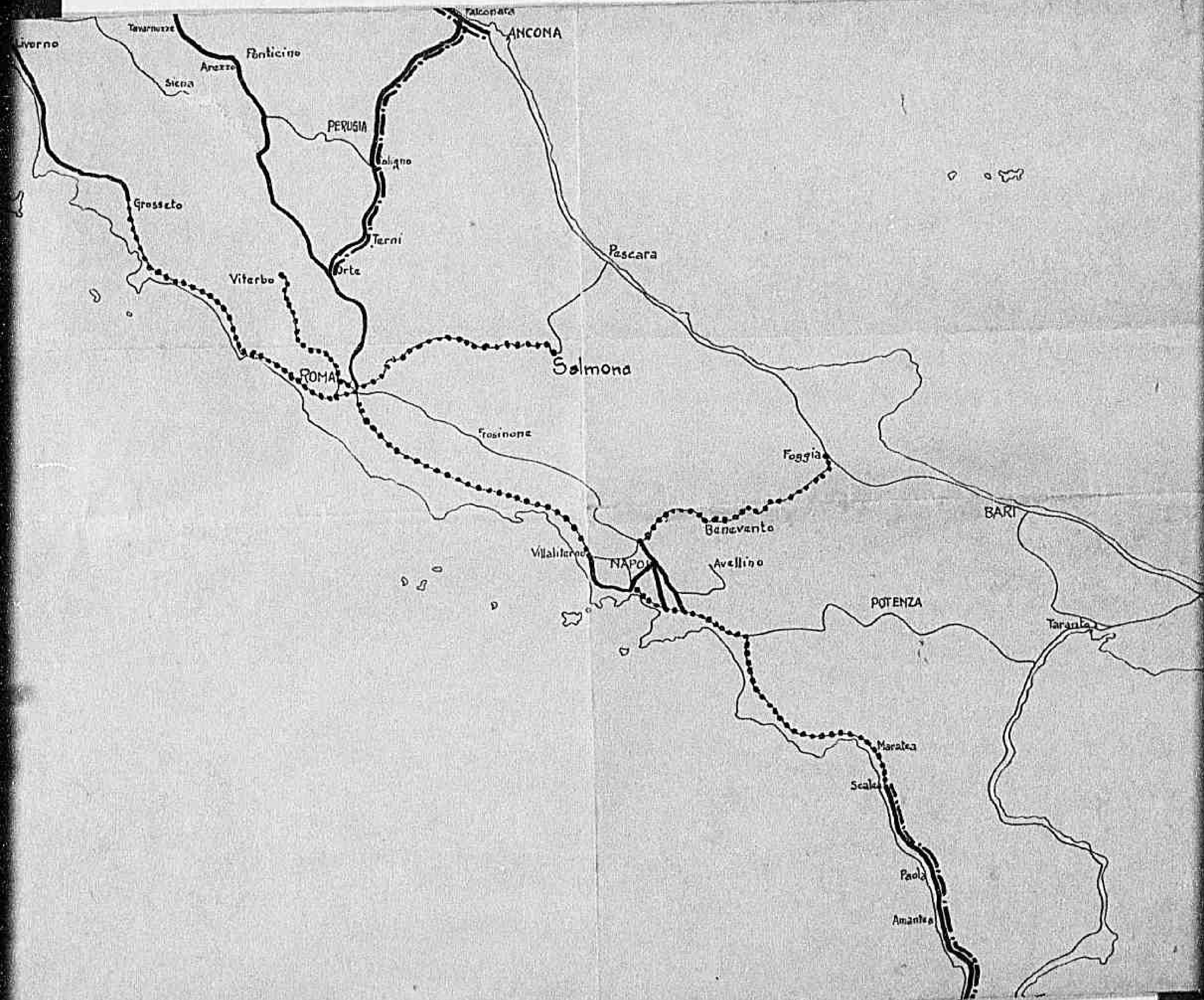
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-  Linee di contatto
 Cavi telegrafonici
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 da Terzi

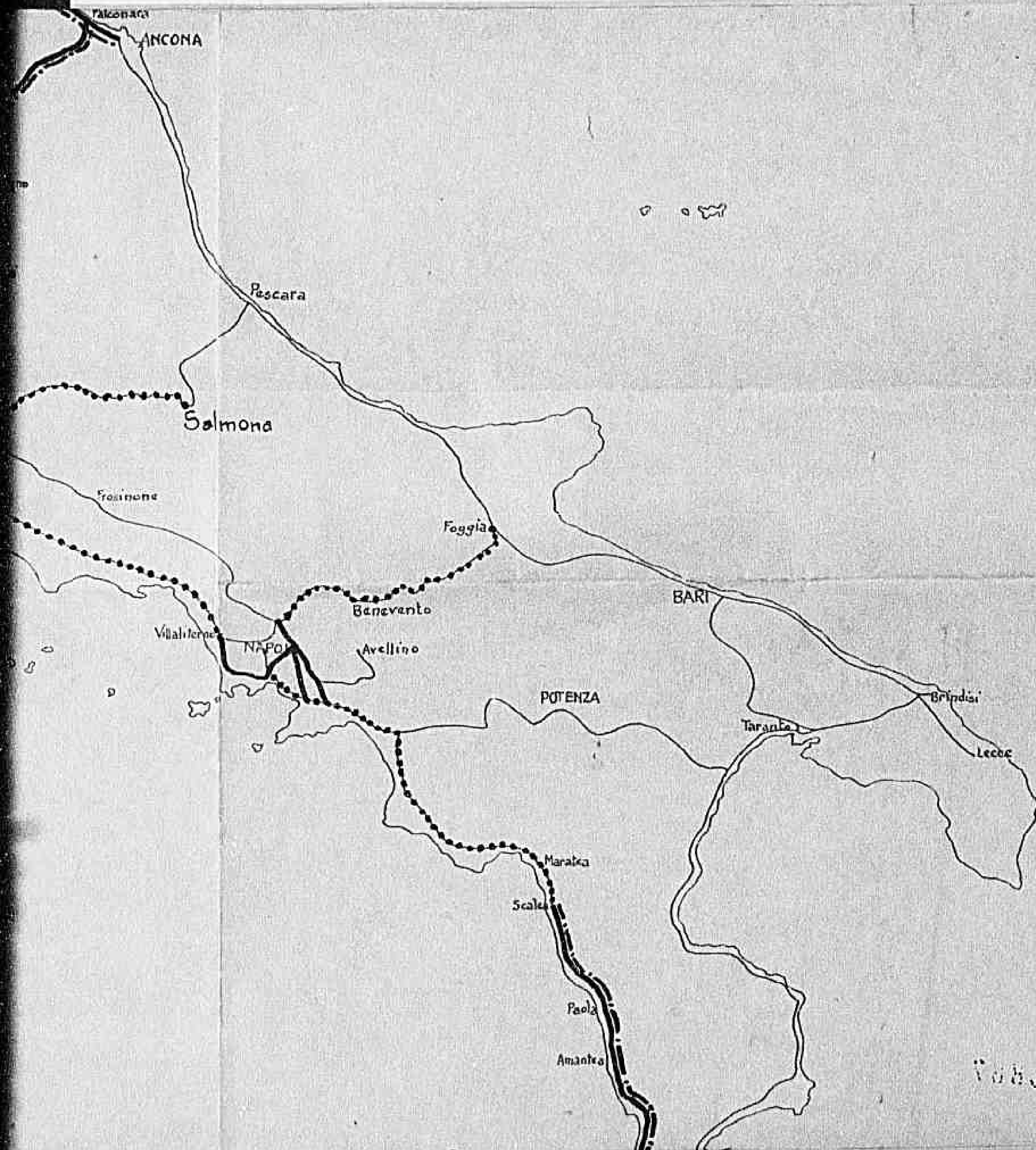


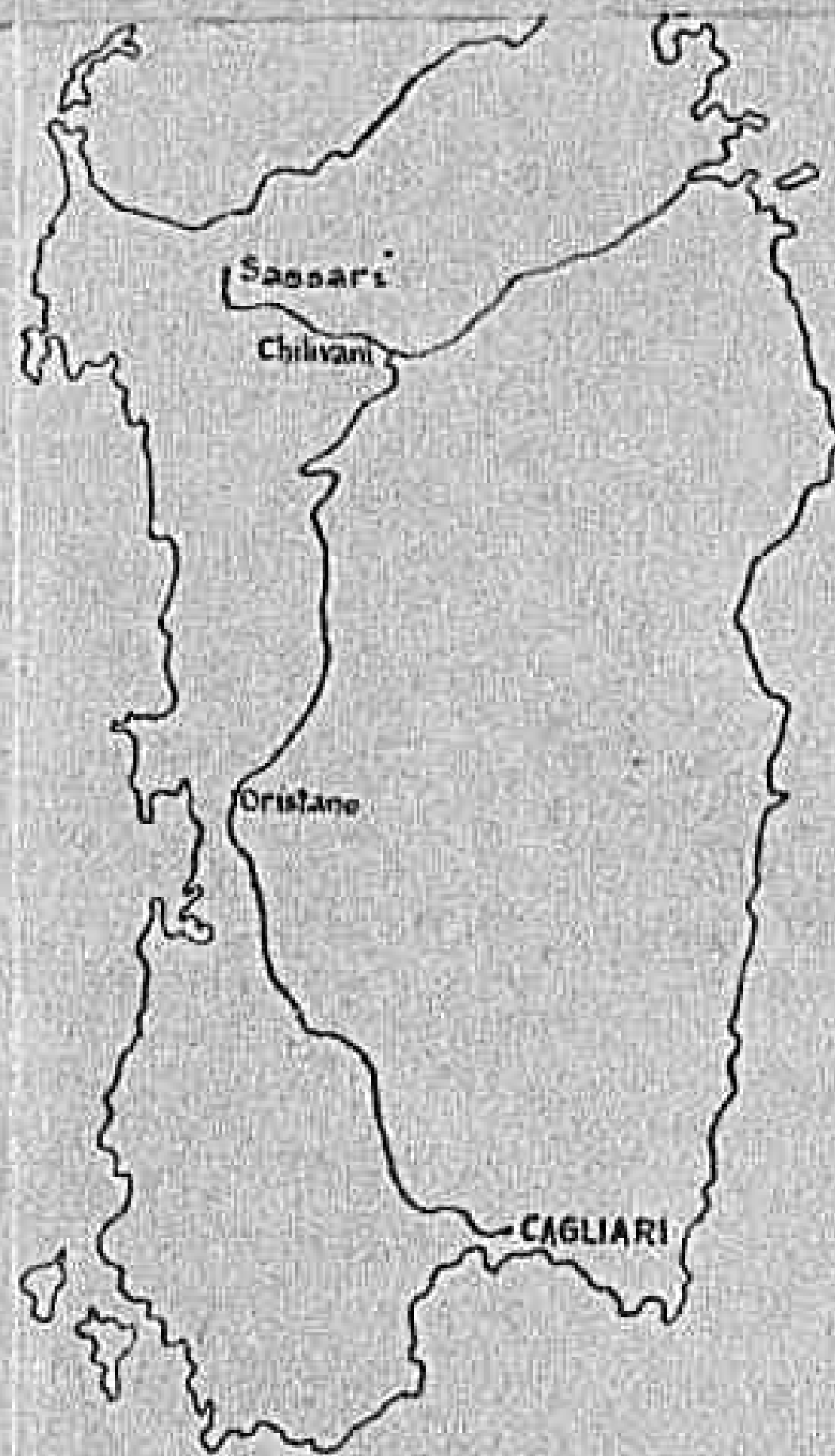
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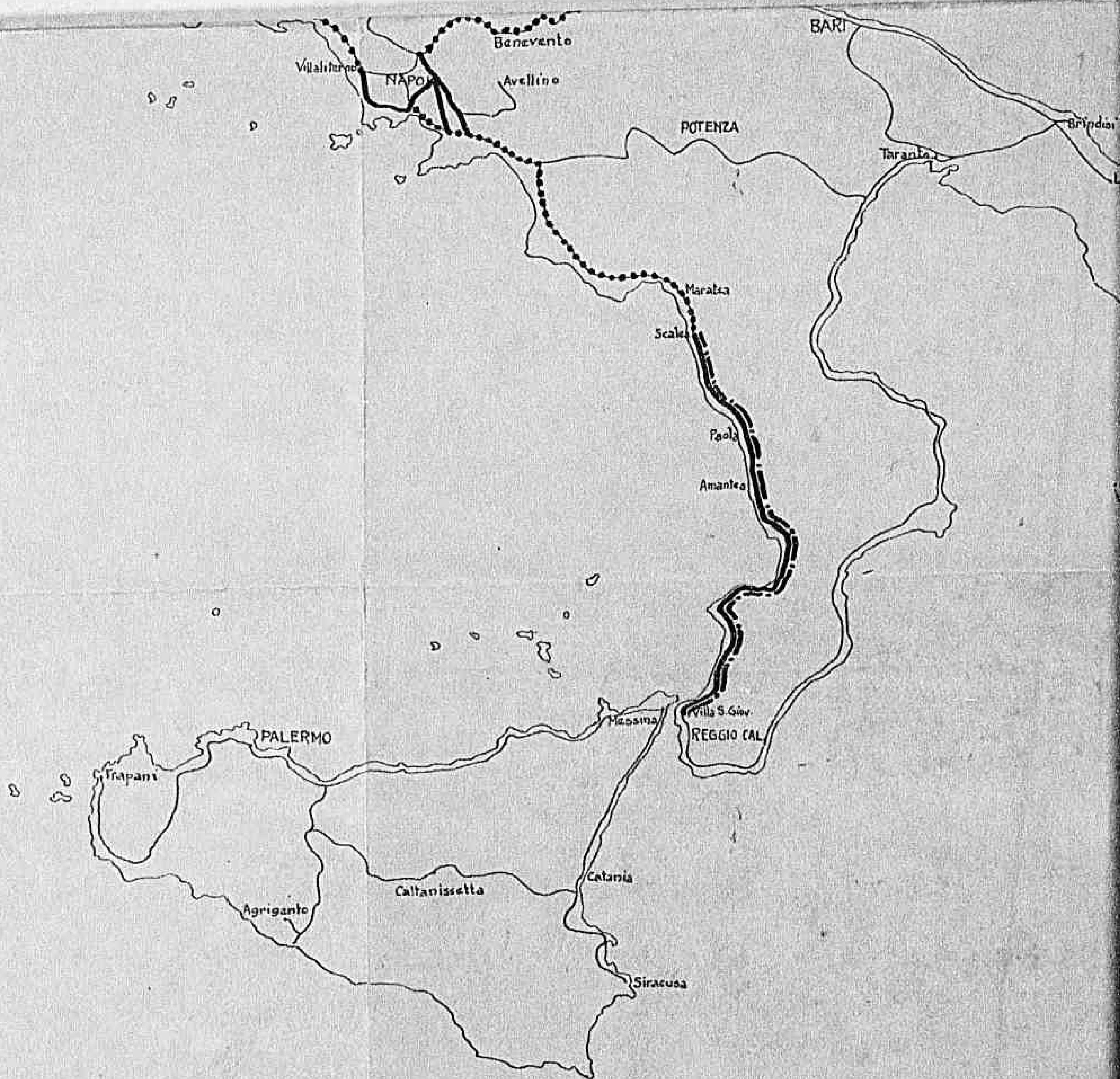




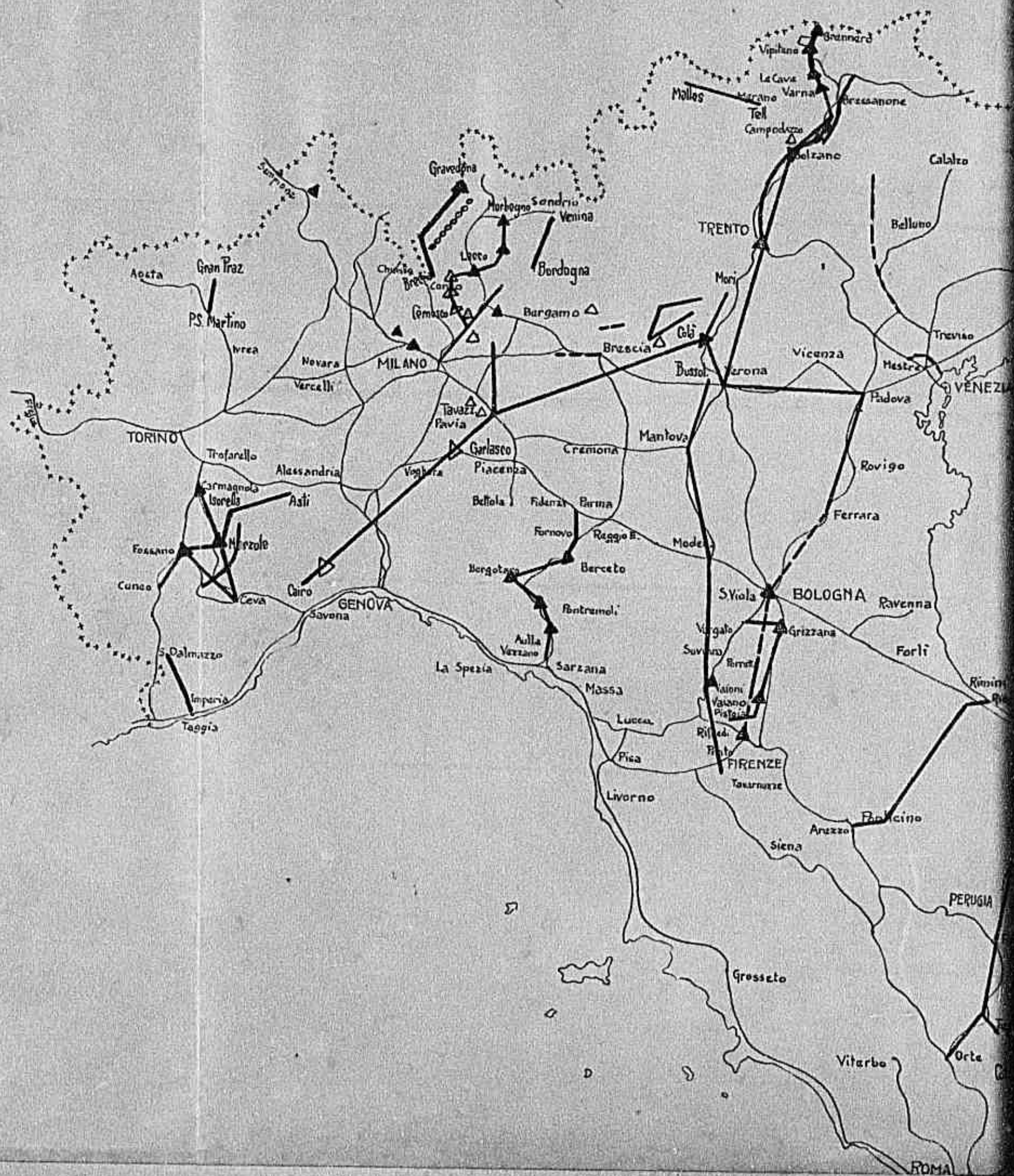
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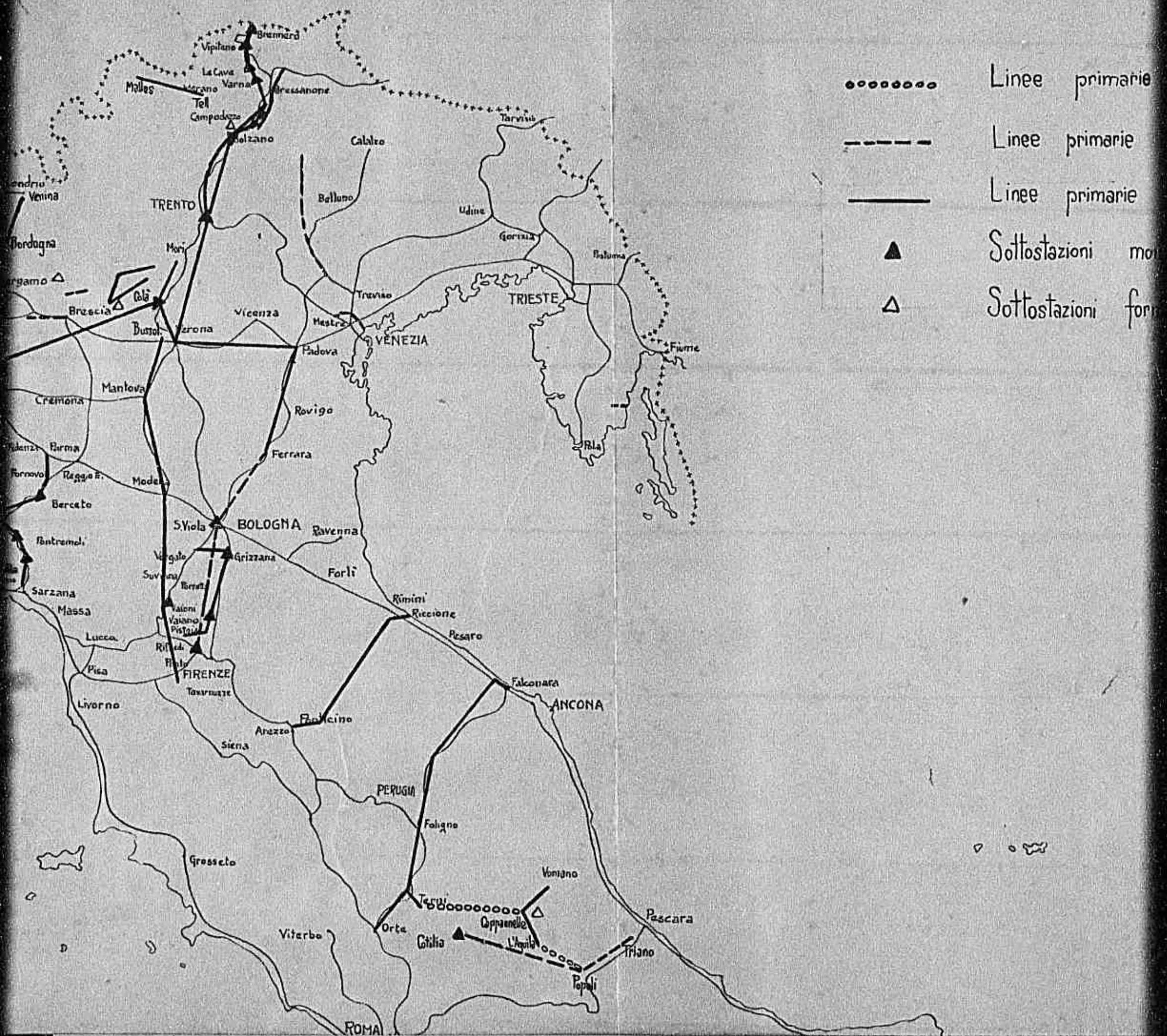






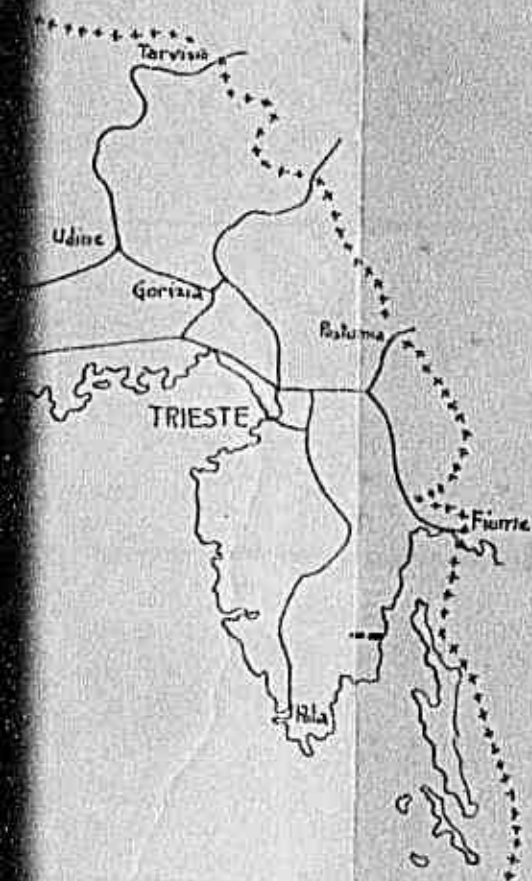


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SOCIETA' ANONIMA E
MILAN

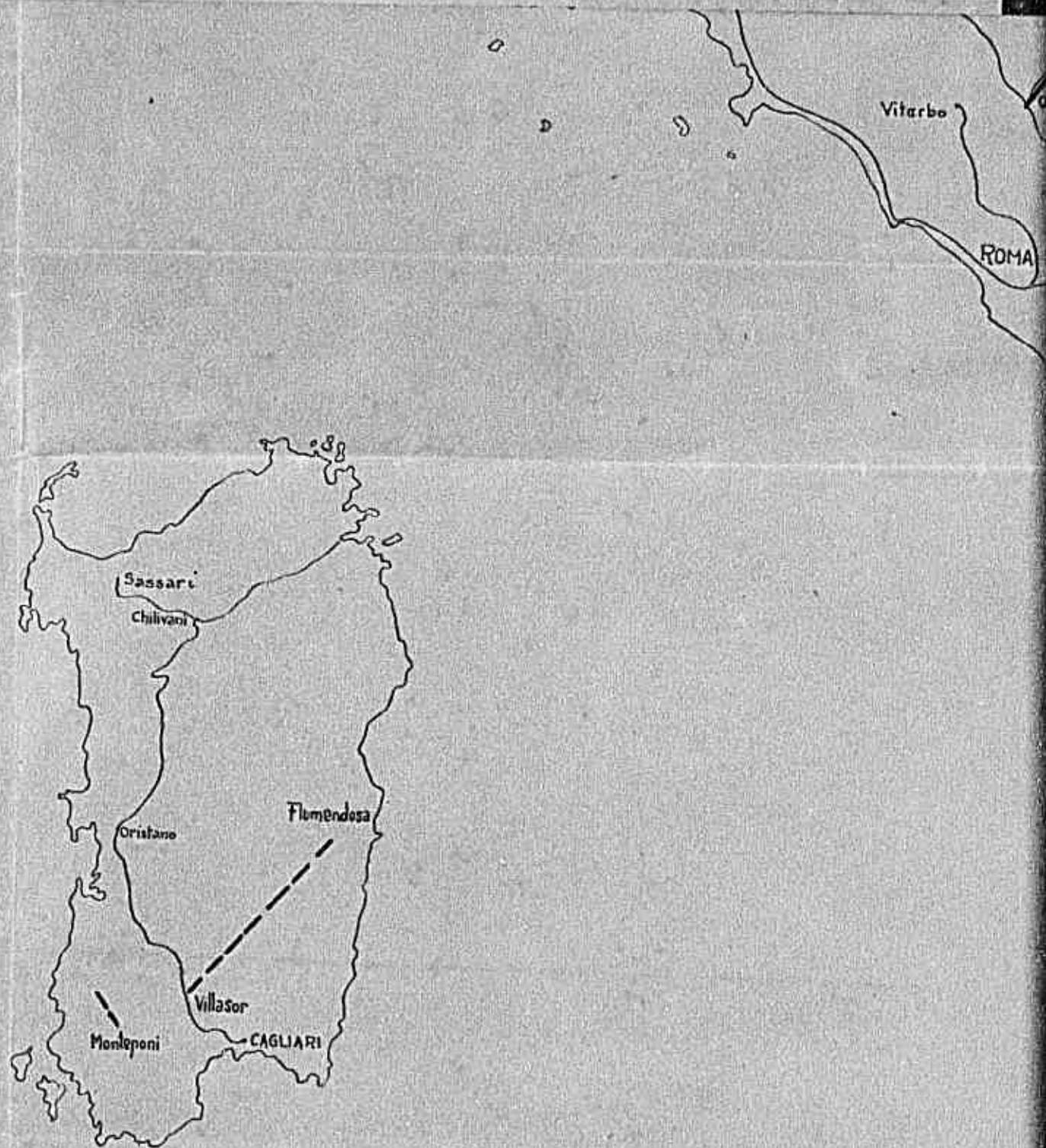


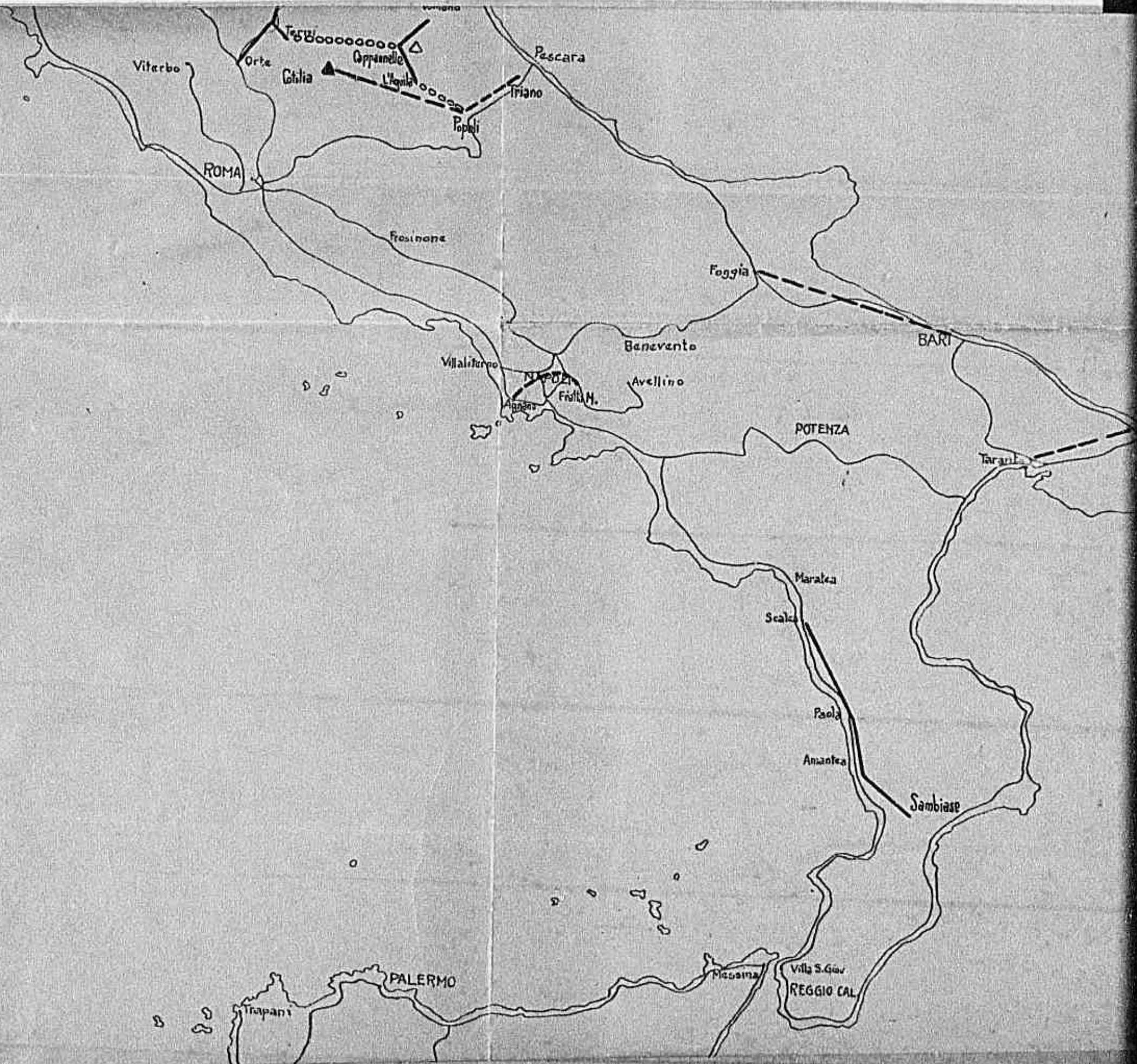
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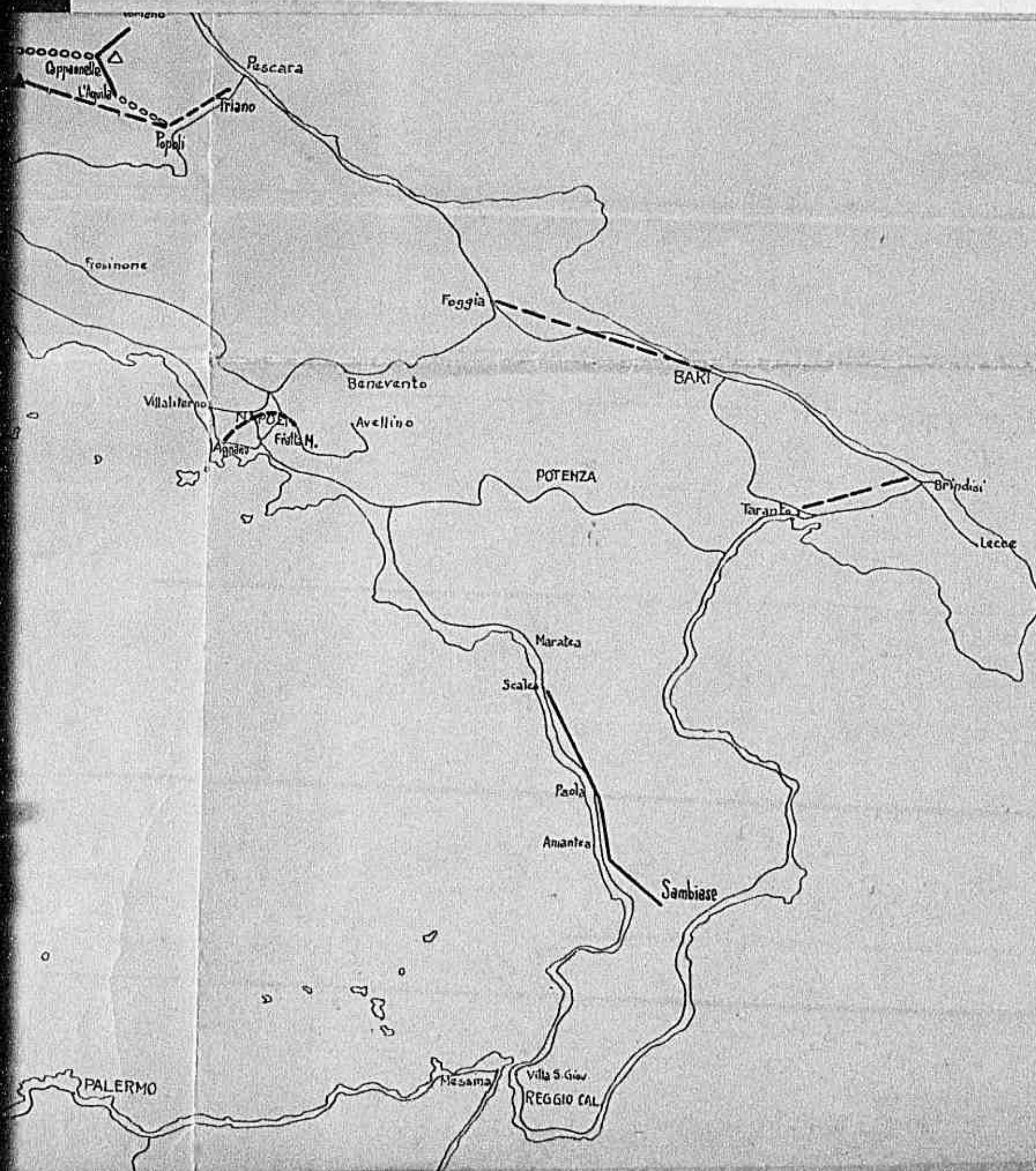
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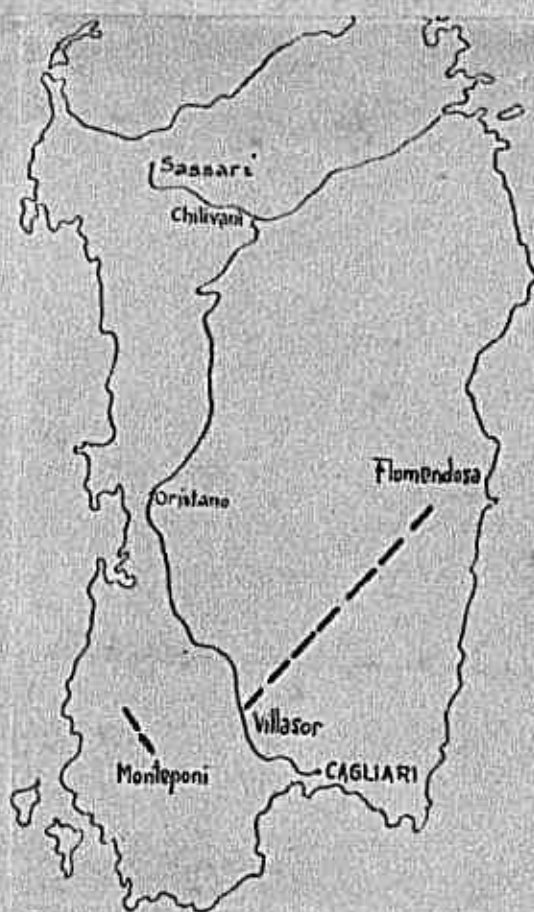


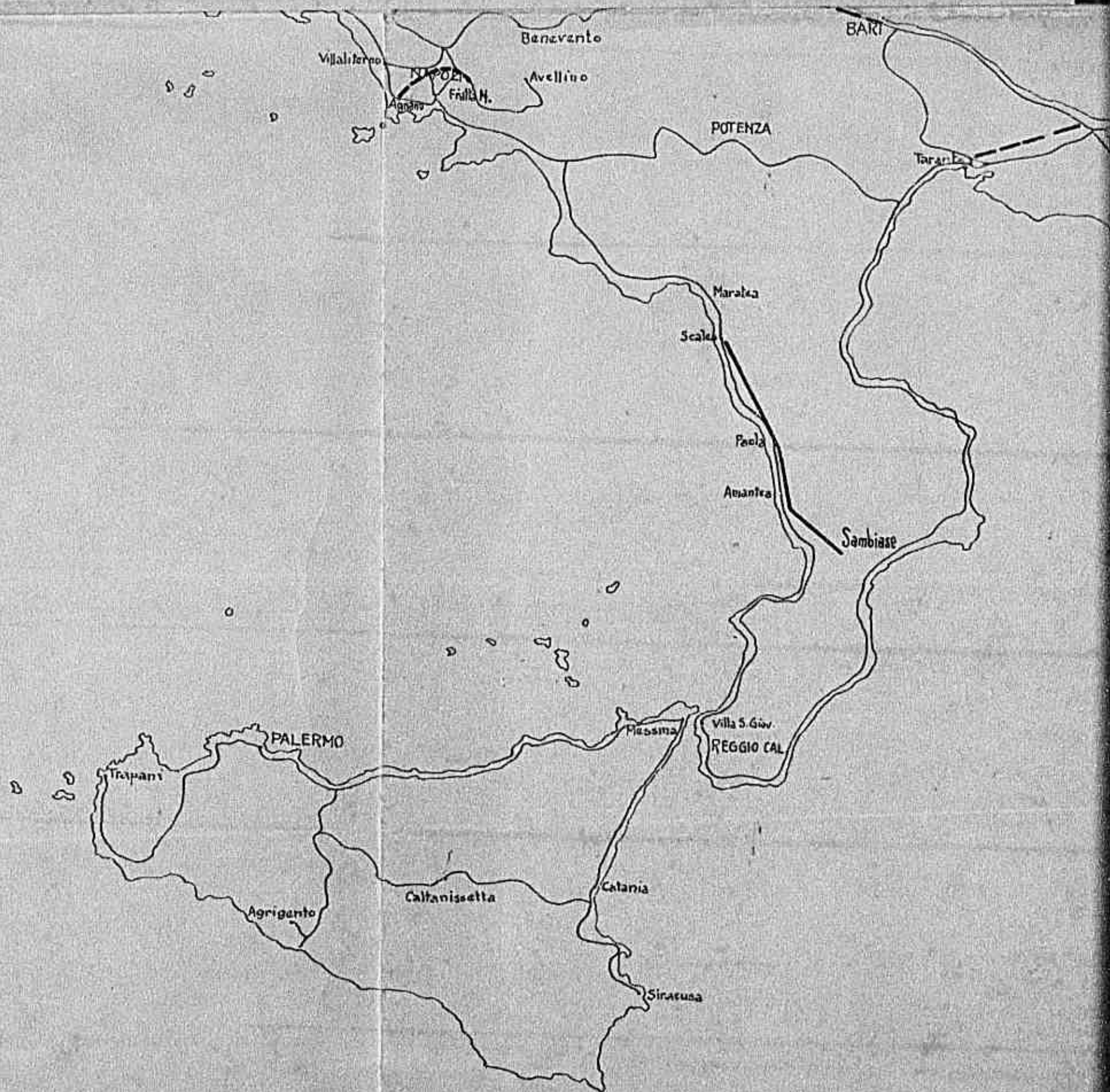
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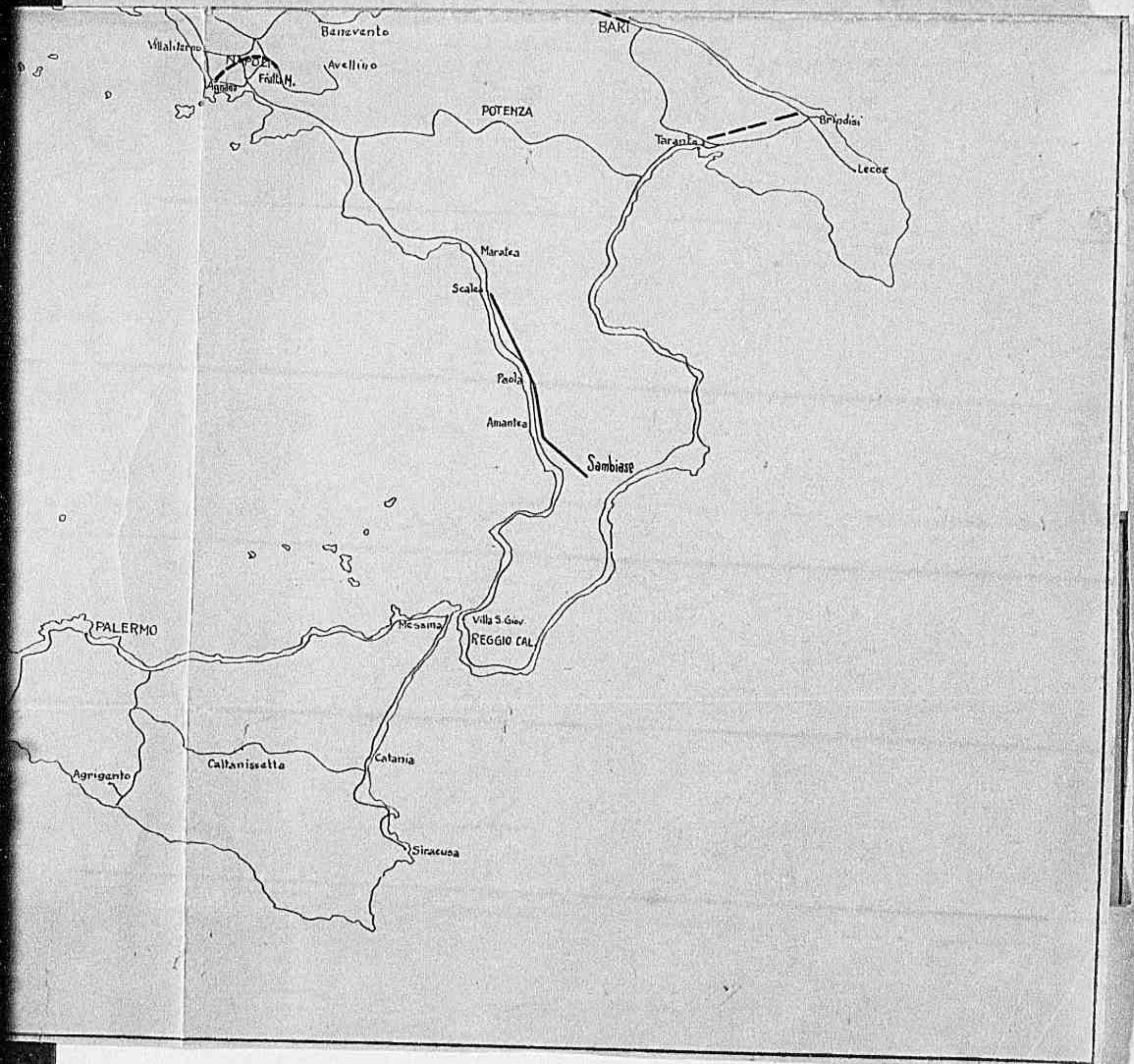












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