

Declassified E.O. 12356 Section 3.3/NND No. 785015

ACC

10000/100/346

35PP

Declassified E.O. 12356 Section 3.3/NND No.

785015

10000/100/346

TELECOMMUNICATIONS
AUG. - NOV. 1943

3592

Comms.

9.

G-2 now remembers application. Sections 7, 8 & 13 are in the library with no doubt be xferred to T.P. Steps should also be taken to ensure that as other Sections are supplied they should be sent to T.P. even after xfer to Palermo.

25. x. 43

10

When this 3395
W-201

G-2 is making renewed inquiries for material, esp. re Italian Post Office. 2/11/43

T. Frank Maj. J.R.

Information
Tel Comms
P.T.T

11

To See 11 A 12 A

[Signature] Capt & Miss DG
G-2

9 NOV 43

6.

Comments:-

As regards copies for Telecomms, these have not yet come to hand. If they are not received in the morning, the next day, perhaps G2 will send a reminder.

As regards Postal information, as previously stated, Mr. Redford of F.W.E. undertook to make enquiries. Perhaps per letter can be associated to confirm if any reply has been received.

The Director of Army Postal, ^(British) A.F.H.Q., who was visiting the mainland in the morning a few days ago, also promised to make enquiries and, in addition, Lt Col Butler who is on a visit to Sicily, took a questionnaire from me to Major Head (Postal AMG) at Palermo. Replies to these letters enquiries cannot be expected in a few days.

[Signature]
Colonel

T.P. Sub Commission
18. 10. 43

7

G. 2.

Refers mis. 4, 5 & 6. Can AFHQ be asked whether the info promised is forthcoming please.

1500 hrs

19 Oct 43.

[Signature]
Lt Comm

Sub Comm

8

Record of a request for intelligence mentioned in memo to does not appear to have been received by G2

191740A

[Signature] Capt S. L. DG
G2

1) TP MIN. 1
Please see 7A.

(a) The date of the TP is 30 Aug & has been in his
 Tpm file: now known fixed.

(b) Please report as soon as possible, list of Senior
 Liaison Officers whom it is proposed to send to AAHQ, ALGIERS.

(c) Refer final Committee of 7A, where no TP officers have
 been allotted to a Region, another officer should be
 detailed to attend on behalf of this Region.

(d) Please report by 1600 hrs. 4 OCT 43.

1720 hrs.

2 OCT 43

3395

[Signature]
 Lt Col
 40 Sects Comm.

Comms.

MIN. 2.
7A
 This has been discussed with each Region and
 with Lt. Allbright: it has been agreed that the following
 should visit CSO Algiers as early as possible.

Lt Col Bentley TP ACC } for collection of
 Major Hawker Region 4 } Telecomms matters

Lt Col Proctor TP ACC for any Postal items.

Sub division TP of ACC will pass any information to
 Regions 5, 6, 8 & 9 or arrange for further visits if
 necessary

4 OCT 43.

[Signature]
 Lt Col

TP Sub Division ACC

TP.

MIN. 3.

It has been agreed with Col. PROCTOR on the telephone
 that you will proceed to ALGIERS on Wed. 6 OCT 43. He will
 have all available data on both Telecomms & Postal services
 ready for you.

Any time will suit him. Please let me know what time you are
 arriving at his office & I will inform him accordingly.

1730

4 OCT 43

[Signature]
 Lt Col
 40 Sects Comm.

4

Comms:

Col. Paddock was seen on 6 Oct
 A.I. reports on Telecomms were
 examined and it was requested, through
 G2, Taji, Oregon, that certain copies should
 be furnished.

There was no information regarding
 Postal services or administration available
 at A.F.H.Q. at Redford of P.O.E. (see file 1024)
 was also seen but was unable to
 furnish any information. He undertook,
 however, to make inquiries & to notify the
 result.

A. Paddock

Loose

Telecomms & Post. Sub Comm.

T.P. Sub Division A.C.C.
 14. 10. 43

5

Ref. min. 4. Has any further info. been received
 from A.F.H.Q.? If not, please say what steps have or
 are being taken to obtain it.

Ref. 8A. 9A & 10A. It is presumed these have been
 seen by you. Would you kindly initial state in
 letters or other documents sent by you so that it is
 certain they have reached you.

In Thy.
 y. Comms.

1200 hrs.

18 OCT 43

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- 3A. Transmittal Letter covering general Policy relative to provision
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- 4A. Copy of telegrams relative to status of Telecommunication planning
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- 5A. Copy of information and directives to S.E.T. (atenee for
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- 6A. Control and Safeguarding of Italian (communications systems and operation.
21 Sept 43 (B)

W.J. GARLOCK, Capt,
Tel Communications Sec.
R-4.

Declassified E.O. 12356 Section 3.3/NND No. 785015

TO : Telecomms H.Q. A.C. - AMG.
FROM : Allied Commission (Rear)
SUBJECT : Italian Radio Requirements.
REFERENCE : AC/1022..
DATE : 9 NOV 43.

Copy of letter on the subject of Italian Radio Requirements dated 17 Oct 43 to Chief Signal Officer, A.F.H.Q. from Capt. Ellery W. Stone, U.S.N.R., Allied Military Mission, Italy, is forwarded herewith.

FEG/wow.

for *st.*
Acting Chief of Staff.

3393

12B

THE POSTAL SYSTEM IN ITALY

All Italian postal and telegraph services are State controlled by means of an autonomous administration having its own budget, but without any juridical personality, presided over by the Minister of Corporations. This is assisted by an administrative council presided over by a director general. The whole consists of a central organ, which is the general management of all postal and telegraph services, and of the following suburban organs: commercial and provincial managements, control belts for construction and maintenance of telegraph lines; principal offices composed of higher grade personnel; receiving offices directed by specially selected personnel paid on a commission basis; rural services conducted by postmen; and lastly agencies, which are buildings set up for the execution of certain determined services. Post offices can be set up on board Italian liners carrying passengers beyond the Straits of Gibraltar and the Suez Canal.

The essential sources of postal law are: the organic law comprised in the authoritative version of the law of December 24, 1899, No. 501, the ruling approved by Royal Decree of February 10, 1901, No. 120, both of which have been modified by numerous successive rulings, and the universal postal convention of Cairo made executive by Royal Decree of September 23, 1934, No. 2097. (These Decrees may be found in the Gazzetta Ufficiale files in Palermo.)

Of all the services conducted by the postal organization, only the transport and distribution of correspondence and parcels is carried out on a monopolistic basis.

POSTAL SERVICES

Italian postal services are run on an administrative and not on a contractual basis. Persons conforming to the prescribed regulations as to the size and weight of correspondence and parcels (for these see Royal Decree of May 23, 1932, No. 677; January 26, 1933, No. 242; and for urgent parcels Royal Decrees of April 7, 1927, No. 512 and May 31, 1928, No. 1154) have a right to use the service, unless it is a question of dangerous objects, or objects not allowed to be sent through the post or which bear indecent or injurious addresses contrary to public order.

Letters are normally to be franked by the sender but in certain cases letters may be unstamped, the addressee paying the sum due. Stamp duty is based on a tariff which varies according to the nature and weight of the object carried and the means of transport used (ordinary, registered, insured, reply paid, money enclosed, express service) without regard to distance. When correspondence is insufficiently stamped it is carried to its destination and the addressee is obliged to pay the stamp duty and a supplementary charge twice the amount.

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the Straits of Gibraltar and the Suez Canal.

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SECURITY AND CUSTODY OF MAIL

Letters may not be opened except in cases where sequestration has been ordered by the judge of a penal court or for censure - requests made in exceptional circumstances in the serious interests of public security. (This was frequently violated under Fascism.)

Postal employees are forbidden to furnish details of correspondence to third parties, except in cases of sequestration.

The administration cannot be held responsible for the loss, damage or delay in transit of ordinary mail. Compensation is paid for the loss of registered and insured mail in relation to the value. Letters or parcels that have been registered or insured must only be left with the addressee or his accredited representative.

OTHER SERVICES AVAILABLE

Other services undertaken by the Italian post office include the issuing

of postal orders, opening of postal accounts, issuing of saving certificates, collection of credits resulting from shares of all kinds, subscriptions to newspapers and publications, and issuing of international identification cards.

PNEUMATIC POST

Rome, Milan and Naples each have an urban system of pneumatic post capable of carrying a box containing ten letters or telegrams every ten seconds at a speed of 500 metres a minute. The Rome network comprises 40 km of tubes, that of Milan 49 km, and that of Naples 43 km.

The post offices of Rome and Milan are equipped with mechanical devices for the transport and sorting of mail from the time of collection to the dispatch of the sealed mail bags to the station.

STATISTICS

On June 30 1937 there were 11,396 post offices in the kingdom of which about 80 were important establishments, 90 1st class offices, about 10,646 receiving posts and the rest agencies. There were also over 13,200 rural services divided about 12,100 postmen and 1100 collectors of mail.

During the year 1937/8 a total of 2,867,000,000 letters and 14,011,000 parcels were carried. During the same period postal orders were issued for a total of 2,734,100,000 lire and deposits were made in savings' accounts to a value of 1,171,915,000 lire.

TELEPHONE AND TELEGRAPH SERVICES

All telephone and telegraph services in the kingdom of Italy (and former colonies and possessions) are State owned but are frequently exercised by private firms under State concession. Private individuals or firms are allowed to install telephone or telegraphic communications in their own property for their own exclusive use. In case of grave necessity the government may suspend or limit the services and take over those conceded to private firms.

All personnel employed in these services are forbidden to give information to third parties about operations requested or carried out.

All concessions for telecommunications for public use are given under a Royal Decree and may concern both ownership and right of exercise or right of exercise only, of State installations. Concessions for telecommunications for private use (beyond the limits mentioned above) are granted by a ministerial decree. Concessions are granted on deposit of securities and, for telephone services, on payment of an annual rent of not less than 4% of the year's takings. Such concessions may be revoked by law at any time. On termination of the agreement the State has the right to buy back all or part of the installation at their actual value, according to Royal Decree of February 8, 1923, No. 399, modified by Royal Decree of May 4, 1924, No. 837 and December 2, 1926, No. 2873.

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All work connected with the installation of telecommunications exercised either directly by the State or by concessionaries is deemed to be for public utility in the eyes of the law (see article 180 of the codice postale), and is paid for out of public or private funds.

For the simple passing of wires or cables either over or around public or private property no indemnity is due to the interested party. When, however, it is required to pass wires or cables either underneath private property or in a way deleterious to it an indemnity calculated in proportion to the damage suffered is paid to the interested party. In cases of disagreement between the two parties the matter may be referred through the Prefect to the Minister of Communications.

In cases where it is desired to modify or alter existing installations on account of poor functioning or excessive annoyance to either party, expenses incurred are charged to the party demanding the alterations, or, where this cannot fairly be determined, are payable in accordance with articles 188 and 189 of the codice postale, Royal Decree of December 11, 1933, No. 1775.

URBAN AND INTER-URBAN TELEPHONE LINES

The Italian telephone network is divided into urban and inter-urban lines. Urban networks, divided into four zones, are given in concession to private firms. Inter-urban telephone lines are directly administered by the firm for telephone services constituted by Royal Decree of June 14, 1925, No. 824, as an autonomous State administration, having its own funds but no juridical status, and administered by a technical director depending on the director general of the Italian Post Office.

Urban networks generally comprise the territory of only one commune and extend for a radius of 10 km from the centre. This limit can be extended to comprise territory belonging to other communes by authorization of the Ministry of Communications. The Ministry of Communications can, given certain conditions, oblige the concessionary to install new urban lines, within the territory conceded (see art. 213 of the Postal Code). The commune has the right to demand the installation of new lines when there are a minimum of 25 persons desiring connection, on condition they pay half the expenses.

Besides verbal communications, other services, such as the sending of telegrams and special messages are allowed (see arts. 236 and 237). Telephone subscribers pay a fixed tariff for the use of the telephone, approved by a decree of the Ministry of Communications, in agreement with the Ministries of Finance and Corporations (see art. 232).

TELEGRAPHIC COMMUNICATIONS

No telegraphic communications may be installed unless approved by the Ministry of Communications and, when State roads are involved, unless permission is obtained from the President of the Board of State Roads (Azienda autonoma statale della strada), see art. 190 Royal Decree of February 27, 1936, No. 645 approving the Postal Code. Railway and tramway companies are permitted to install telegraph offices provided they undertake to carry State or private telegrams on demand.

Telegraphic tariffs for the interior are determined by Royal Decree proposed by the Minister for Communications, in agreement with the Minister for Finance and the Council of Ministers. Tariffs for abroad are determined in the same way, based on international conventions (final protocol for international convention for telecommunications stipulated at Madrid, 9-10 December, 1932, made executive in Italy by Royal Decree of March 25, 1933, No. 204) or by agreement with the foreign parties interested.

No-one, except public authorities in cases authorized by law, the sender and the address, or legal representatives, may obtain a copy or view of telegrams sent.

STATISTICS

On June 30, 1939 there were 151 international telephone lines operating in Italy and 6,515 inter-urban lines, with a total of 2,205 telephones.

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STATISTICS

On June 30, 1939 there were 151 international telephone lines operating in Italy and 6,515 inter-urban lines, with a total of 2,205 telephone ~~exchanges~~ ^{offices}. On the same date there were ~~16,594~~ ³³⁹⁷ telephones in all Italy and about 850,000 subscribers.

On June 30 1938 there were 66,748 km of telegraph line and 7,954 km of cable in Italy.

RADIOELECTRIC SERVICES

All radioelectric services in Italy also depend from the Ministry of Communications but likewise may be conceded to private firms for public use. The tariff for use is established by the Minister for Communications in agreement with the Minister of Finance (see art. 256).

For note on telephone and telegraph services in Sicily see ISIS Book I, p. 243.

For note on all postal, telephone and telegraph services in Sicily see Zone Handbook for Sicily (P.I.D.) Part I, page 41.

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For Sardinia and other Zones see appropriate Handbooks.

For wartime restrictions on postal, telephone and telegraph services in Italy see Basic Handbook for Italy (P.I.D.) Part I, p. 73.

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P.W.B. Italian Section.

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1.11.43

ALLIED MILITARY MISSION
APO 512

11A

17 October 1943

TO : Chief Signal Officer, Allied Force Headquarters.

FROM : Captain Ellery W. Stone, USNR, Allied Military Mission, Italy.

SUBJECT: Italian Radio Requirements.

1. In planning for communication facilities at Rome when the Italian Government and this Mission (or the Allied Commission) shall have been established in Rome, it seems prudent to assume that the enemy will have demolished the main radio transmitting stations of the Italian Navy and of Italo Radio near Rome. The latter company before the war operated high-power, efficient commercial circuits with Radio Corporation of America and Mackay Radio and Telegraph Company in the United States. Italo Radio has been merged with Italcable in an enterprise similar to Cables and Wireless.

2. While it is true that the Italian Government, the Armistice Commission and Allied Military Forces will have the use of the Italcable facilities to the U. S. A. and U. K. and to other points reached by the Italian cables directly and through joint cable routes, it is believed that the heavy communication requirements for international service at Rome will require the early replacement of the Italo Radio facilities, assuming their destruction.

3. In order to provide replacement transmitters at the earliest time possible, it is recommended that each of the U. S. and U. K. agencies with which Italo Radio maintained circuits before the war, i. e., Radio Corporation of America, Mackay Radio and Telegraph Company and Cables and Wireless Ltd., be requested by the Combined Chiefs of Staff to ship to Italy forthwith for subsequent transfer to Italo Radio one complete radio telegraph transmitter of not less than 20 kw antenna output. In order that these transmitters may be made available as quickly as possible, they should be supplied, if need be, from the spare facilities of the companies in question, since there will not be time to manufacture new transmitters.

4. The transfer of these transmitters to Italo Radio could be financed by one or more of the following methods:

a. Out of traffic balances accruing to Italo Radio from the operation of the circuits in question, over a five to ten year period.

b. Out of traffic balances accruing to Italcable in the handling of U. S. and U. K. cable traffic, over a similar period.

338"

one copy forwarded to Telecomm AC 9 NOV 43
ch

c. Out of War Insurance Funds of the Italian Government to be advanced against, if necessary, by A.M.F.A.

d. Through lend-lease, repayment to be made under a., b. or both.

5. Since the merged Italo Radio and Italcable Company should receive substantial revenues from the employment of its facilities by Allied Military and Civil agencies and the Press, there seems no reason for considering the supplying of such equipment on other than a paid or self-financed basis. The sales prices could be established on a basis of net book cost plus a fixed percentage profit, not to exceed say 5%.

6. Consideration may also be given to requesting American Telephone and Telegraph Company similarly to furnish a radio telephone transmitter complete with secrecy equipment, to restore the former radio-telephone circuit between Rome and the U. S.

7. It is assumed that consideration will also be given by the appropriate agency of A.F.H.Q. to the furnishing of at least one high-power broadcast transmitter for Rome to replace existing broadcasting facilities, assuming their destruction.

(s) EWS
ELLERY W. STONE

Copy to:

15th Army Group
Military Government Section, AFHQ.

COPY

ALLIED FORCE HEADQUARTERS

A.P.O. 512

OTHER 10A

Communications

2nd October, 1943

To:- Chief Signal Officer, A.F.H.Q.

From:- Captain Ellery W. Stone, U.S.N.R.,
Allied Military Mission, Italy.

Subject:- Brindisi - Tunis Cable.

1. Inquiry was made of this office by the CSO 15 Army Group as to the condition of the BRINDISI-MALTA-TUNIS cable and the following information has been furnished him.
2. The cable was originally a French cable laid between a port on the East shore of the ADRIATIC and TUNIS, but the Italian authorities here are not certain as to the location of the former Northern Terminus. During the war, the Northern end of the cable was towed into BRINDISI and used for communication with Axis Forces in TUNISIA and beyond. Terminal equipment here was loaned by ITACABLE of Rome.
3. The circuit was extended from the cable head to the CASTLE BRINDISI, on open wire line, a distance of about four miles. A substantial portion of this open line has since been appropriated for a local defence telephone circuit.
4. The cable was operated from the Regina Marina Communication Office at Italian Navy H.Q. in the CASTLE. Conventional siphon recorder equipment was supplied and installed by Italcable. When the cable was put out of operation by the capture of Tunis, this equipment was removed by Italcable (presumably to its Rome or Naples office) and the cable properly sealed at the cable hut. The cable hut is on the Northwest shore of the Bay, one-half mile from the cable hut housing the cable head of the BRINDISI-DURAZZO cable.
5. The Italian Navy here has no spare siphon recording or other terminal equipment, and no Test equipment to determine the cable's condition. Since the cable core is insulated where sealed at BRINDISI, test could be made from the Southern terminus, for ground or faulty insulation.

CR/

12 Oct/2075

1 copy in space

- 2 -

6. The cable itself is the armoured single core type. Its operating speed is reported to have been 120 letters per minute.

7. C.S.O. 15 Army Group advises that following the close of the Tunisian Campaign, this cable was towed into Malta where it has been used for communication between Malta and Tunis. If this is ~~correct~~, direct communication can be established between BRINDISI and AMLTA, provided the cable shows no fault and suitable terminal equipment here is supplied.

ELLERY W. STONE.

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SACS
C O P Y

U. S. SECRET
Equals British MOST SECRET

ALLIED FORCE HEADQUARTERS

A.P.O. 512

28th September 1943. 9A

To:- Chief Signal Officer, Allied Force Headquarters.

From:- Captain Ellery W. Stone, U.S.N.R., Allied Military Mission, Italy.

Subject:- Communications for 15 Army Group.

1. A conference was held on 27th September, between the Telecommunications Section of the Allied Military Mission and representatives of the C.S.O's. Branch, 15 Army Group. Results of the conference are set forth in the attached memorandum.

2. The proposal therein set forth was submitted to the Italian Supreme Command on 27th September and was approved to-day.

3. Major Cosentino of the Signal Branch of the Italian 7th Engineers has been appointed by the Supreme Command to carry out the duties set forth in para 4 of the attached memorandum, and will report to the 15 Army Group Headquarters on 29th September, 1943.

/s/ Ellery W. Stone

ELLERY W. STONE

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AP. 14
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C O P Y

AC/1022

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NOTES ON A CONFERENCE HELD AT THE ALLIED MILITARY MISSION, BRINDISI ON THE
27 SEPTEMBER, 1943.

PRESENT: -	Brigadier	SCOTT	C.S.O's Branch, 15 Army Group
	Lieut-Col.	KEITH	
	Capt.	STONE, USNR	Allied Military Mission
	Col.	HENDERSON	Allied Military Mission
	Major	COSENTINO	51st Italian Corps Signals

1. Brigadier Scott stated that it was necessary to arrive at a working system by which circuits and other telecommunication facilities on the Italian systems were obtained within the operational zone at the necessary speed, and to regularise the obtaining of circuits behind the operational area.

2. It was agreed that the most satisfactory system would be the attachment to 15 Army Group Headquarters of an Italian telecommunications official, probably a military officer, with adequate authority to be able to order the provision of facilities from all the Governmental departments and private companies concerned. The officer detailed must be of sufficient authority and be given sufficient powers by the Italian Supreme Command to ensure the prompt and satisfactory execution of his instructions to the operating agencies. He must possess the technical knowledge necessary for the duty. A knowledge of English is desirable but not essential.

3. Brigadier Scott stated that the officer must assume his duties by the end of September.

4. It was agreed that the duties of the officer, in outline, would be:-

- (a) to ensure that the demands of the 15 Army Group for telecommunication facilities in the theatre of operations are met as far as practicable.
- (b) To obtain and disclose such data on the Italian telecommunications systems as is required by the 15 Army Group.
- (c) To take all possible measures to reconstitute and to maintain the telecommunication systems of the country, such as by keeping the civil and military staffs and employees at duty, controlling the utilisation of the stocks of material, providing for the safeguarding of telecommunication centres, etc.
- (d) to arrange for the attachment of such other personnel as is found necessary to carry out similar functions in the L of C area, and with subordinate formations for the provision of their local requirements.

5. Captain Stone agreed to have the matter represented to the Italian Supreme Command at a high level to ensure that the officer detailed was of sufficient standing and given adequate powers, and would be available by the date given.

Copies to:- Chief Signal Officer, 15 Army Group.
Allied Military Mission,
Chief Signal Officer Allied Force Headquarters.
File.

COPY

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SECRET
Equals British 11051 SECRET

NY 4
10

SECRET

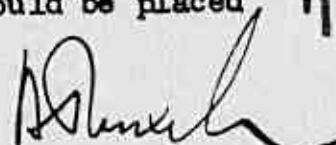
(Equals British MOST SECRET)

23 September 1943

SUBJECT: SIGNAL INTELLIGENCE

TO: Joint Asst. Chiefs of Staff.

Attached is certain detailed information on Italy for use in connection with tele-communication planning. This data has not been forwarded to Captain Stone to whom it was addressed personally as he may shortly be returning to Algiers. It should be placed before him on his return.


A. T. MAXWELL,
Colonel.
Deputy Chief.

SECRET

(Equals British MOST SECRET)

TP • JACB n/1022

SUBJECT: Restoration of Civil Telephone Communications Services

AMGCE/10027/TGU
AMCOT HQ SICILY
1 October 43

8A

TO: Ing. Cuccina', Societa' Esercizi Telefonici, Palermo

1. The following information and directives are issued to effect the transfer on 1st Oct. 1943 of certain telephone facilities from Allied Army operation and maintenance for the purpose of providing local telephone service to military and civilian customers.

2. You are hereby authorized and directed to open all S.E.T. telephone exchanges in the Provinces of Palermo, Trapani, Agrigento, and Caltanissetta except those located in the cities or towns of Palermo, Porto Empedocle, and Licata, under the following conditions:

- a. Telephone exchanges are permitted to provide only local telephone service to civilian customers.
- b. Such steps as are necessary shall be taken to prevent subscribers from placing telephone calls on trunk circuits.
- c. All interurban pole lines, wires, cables, and central office switchboard equipment are reserved for Allied military use only, and will be operated and controlled by Allied military personnel until further notice.

3. You will, on 1st October 1943, begin the operation and control of telephone exchange within the limits stated above by regular civilian S.E.T. personnel.

4. You will undertake at once to restore urban cable, wire and central office facilities to as near normal conditions as possible.

- a. Particular emphasis shall be placed on work necessary to protect cable facilities from further damage by the coming rains or other hazards.

5. Allied military requirements shall receive first priority in the establishment and/or maintenance of commercial S.E.T. facilities used by them.

6. No priority is established for S.E.T. civilian customers at this time; however, essential services will be given priority if a shortage of material or facilities make such action necessary.

7. You will prepare as soon as possible a minimum estimate of material

- a. Telephone exchanges are permitted to provide only local telephone service to civilian customers.
- b. Such steps as are necessary shall be taken to prevent subscribers from placing telephone calls on trunk circuits.
- c. All interurban pole lines, wires, cables, and central office switchboard equipment are reserved for Allied military use only, and will be operated and controlled by Allied military personnel until further notice.

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- a. Particular emphasis shall be placed on work necessary to protect cable facilities from further damage by the coming rains or other hazards.

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6. No priority is established for S.E.T. civilian customers at this time; however, essential services will be given priority if a shortage of material or facilities make such action necessary.

7. You will prepare as soon as possible a minimum estimate of material required to restore to workable condition and maintain the telephone facilities in your territory for a period of six months beginning 1st October, 1943.

8. Billing and collection methods for civilian subscribers and other actions to be taken by S.E.T. during the restoration period shall be in accordance with the attached supplement No. 1, to these instructions dated 1 Oct. 43.

For the Chief Civil Affairs Officer.

12.140
LTD/jfl

Inclosure: Supplement No. 1
dated 1 Oct. 43

Distribution: 15 A.G., O.S.O.
C.S.O., No. 1 District
I.B.S.

CR/901/1134
411 2.C.A.O.'s
11/11/43

/s/ CHARLES M. SPORROW
/s/ CHARLES M. SPORROW
Colonel, G. S. 3.38
Chief Staff Officer

7/1/43
Shaw's file

SUBJECT: Restoration of Telephonic Communications in Sicily

AMGOT/10027/100
AMGOT HQ SICILY
1 Oct. 43

Supplement No. 1 to Directive issued to S.E.T.
(Western Sicily) dated 1 October, 1943.

PROCEDURES FOR S.E.T. (WESTERN SICILY) TO FOLLOW.

1. Technical.

a. Inspect the telephone control offices as rapidly as conditions will permit to determine status as to use and condition.

(1) S.E.T. will proceed with restoration of urban exchanges upon receipt of permission to do so from proper military authorities.

(a) Whenever deemed advisable spare parts or complete exchange switchboards may be removed from one place to another more important office.

(b) Should an automatic exchange be irreparable, manual equipment shall be substituted until new automatic centrals can be installed.

b. Inspect urban cables and lines within the towns and communes as rapidly as possible.

(1) S.E.T. will proceed with repair of these facilities as permission is procured from military authorities.

(a) Repairs to damaged cables particularly underground if it exists shall be made before other outside lines are taken care of.

(b) Rapid repairs to least damaged zones will restore service to the greatest number of civilian telephone subscribers in the shortest time.

(c) Inventory of materials needed to make repairs shall be necessary to properly organize this repair program. Whenever possible, material will be salvaged and repaired locally. 331

c. Reconstruction and use of interurban cables and lines shall be undertaken after their release from military service.

(1) Civil personnel shall not work on any lines carrying military

(1) S.E.T. will proceed with restoration of urban exchanges upon receipt of permission to do so from proper military authorities.

(a) Wherever deemed advisable spare parts or complete exchange switchboards may be removed from one place to another more important office.

(b) Should an automatic exchange be inoperative, manual equipment shall be substituted until a automatic central can be installed.

b. Inspect urban cables and lines within the towns and communes as rapidly as possible.

(1) S.E.T. will proceed with repair of these facilities as permission is procured from military authorities.

(a) Repairs to damaged cables particularly underground if it exists shall be made before other outside lines are taken care of.

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(c) Inventory of materials needed to make repairs shall be necessary to properly organize this repair program. Wherever possible, material will be salvaged and repaired locally.

c. Reconstruction and use of interurban cables and lines shall be undertaken after their release from military service.

(1) Civil personnel shall not work on any lines carrying military circuits until special approval for such work has been granted by proper military authorities.

(2) Signal units of the Allied Armies will make repairs to interurban lines wherever required for military use.

2. Administrative.

a. Subscriber Service.

(1) Using last billing put out by the General Office in Naples for the 2nd trimester 1943 as a basis, prepare the billing for the 3rd trimester (July, August, September) and for 4th trimester (October, November, December) in order to be able to collect the money as lines are put back into service.

(a) Where telephone service has been interrupted or discontinued appropriate adjustments should be made in billing.

(2) Control the subscribers; installations (names, addresses, amount to be paid, classification regarding taxes, etc.)

(a) If a shortage of materials makes rationing of telephone service necessary at any exchange, military needs shall have first priority and other priorities shall be approved by the local military officer concerned.

b. Cash Service.

(1) Collected money will be deposited daily at a bank or in a postal account and credited at Palermo or Catania as appropriate.

(2) To meet current operating expenses the provincial directors will receive a monthly allowance from their headquarters.

c. Inventories.

(1) Make inventories of materials in warehouses.

(2) Make inventory of telephone facilities, including offices, furniture and fixtures, stationery supplies, etc.

(3) Make inventory of telephone installation.

(4) Set up bookkeeping system if required or pick up use of former system of accounting.

d. Personnel.

(1) Staff at each telephone office or agency to be in accordance with actual needs.

(2) Organize the preparation of payroll and paybooks (they were formerly made up and kept in General Office at Naples).

(3) Make provision for pay deductions as required by State laws now in force.

(4) Make up and organize a Mutual Sickness Cash Benefit arrangement as a temporary substitute for the existing before the Allied occupation which had its headquarters in Naples.

(5) Wages and salaries shall be in accordance with wage policy established by AMGOT.

(6) Arrange for contracts and proper economic treatment of personnel in charge of small agencies which operate on such a basis.

e. Miscellaneous.

(1) Transportation facilities shall be provided as required to faci-

- (2) Make inventory of telephone facilities, including offices, furniture and fixtures, stationery supplies, etc.
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 - (5) Wages and salaries shall be in accordance with wage policy established by AMGOT.
 - (6) Arrange for contracts and proper economic treatment of personnel in charge of small agencies which operate on such a basis.

e. Miscellaneous.

- (1) Transportation facilities shall be provided as required to facilitate restoration and maintenance of telephone service.
- (2) Require rapid reconstruction of central office building such as the one at Palermo which has been damaged.
- (3) Make agreements or contracts as required between S.E.T. and specialized construction and maintenance organizations.
- (4) Make agreements or contracts as required between S.E.T. and other pole line and wire using organizations such as telegraph and railroads.
- (5) Arrange for S.E.T. subscribers use of government or state circuits or lines and appropriate accounting procedure after release of such circuits by military forces.
- (6) No new construction or appropriation of routes terminal equipment or changes of circuits will be made by civil authorities without the consent of the Signal Officer Concerned.

For the Chief Civil Affairs Officer.

s/ CHARLES M. SPOFFORD
t/ CHARLES M. SPOFFORD
Col. G.S.C., C.S.O.

LDD/af1 c/c:-15.A.G., C.S.O., No. 1 Dist.
C.S.O., I.R.S./All States/MCS, AFHQ

MGS ALG V MGS TIZ
30 AUG 1943
MESSAGE NO 10

Transferred from ACC/1023

5A

TO : NO 7 PLANNING STAFF

SUB : LIASON WITH AFHQ PLANNING STAFF

ALL REGIONS WILL SEND SENIOR LIASON OFFICERS TO DISCUSS/INFO WITH COL PADDOCK
SIGNAL CORPS AFHQ AS SOON AS PRACTICAL. MUCH INFO ON COMMUNICATION AND EQUIPMENT
LIKELY TO BE FOUND IN REGIONS IS HELD BY SIGNAL CORPS AFHQ AND IT IS ESSENTIAL THAT
CLOSE CO-OPERATION SHOULD BE SET UP BETWEEN REGIONAL REPRESENTATIVES AND SIGNAL CORPS
IT IS NOT NECESSARY TO WAIT FOR THE ARRIVAL OF OFFICERS earmarked FOR PTT DUTIES

LT COL DALEMPLE

3389

1022

JACS ~~2A~~ 6A

Subject: Control and Communication of Italian Communication Systems
in Operation.

To: 1. Italian Army
78 Div.
6 Italian Div.
4 Italian Div.
Italian Army Corps (1 of 6 Divs.)

From: 1. Italian Army
Date: 11/12/52

1. Italian Army

1. To ensure the most efficient and economical use of existing communication systems which are captured during operations, the following procedures will be observed:

(a) For capture all sources that are existing communication systems, both film and wire, are captured and immediately the Italian Army are assigned. Sources will be evaluated and a grade assigned. Sources will be further processed and turned in to communication officers. The Italian Army will receive all communication systems through assigned personnel for the Italian Army and communication systems.

(b) The operation of all captured communication systems will be controlled by the Italian Army. Sources will be processed and turned in to the Italian Army. Sources will be further processed and turned in to the Italian Army. Sources will be further processed and turned in to the Italian Army.

3379

(c) All communication systems will be turned in to the Italian Army. Sources will be processed and turned in to the Italian Army. Sources will be further processed and turned in to the Italian Army.

(d) The Italian Army will ensure the control of all communication systems as soon as possible. The Italian Army will ensure the control of all communication systems as soon as possible. The Italian Army will ensure the control of all communication systems as soon as possible.

(e) The position and condition of any captured communication systems will be reported through signal channels to the Italian Army.

3379

- HC/1072

The World
 and Beyond

T.O.D. 0.0000

SUBJECT: Restoration of Civil Telephone Communications Services.

AMCOT/10027/TCU
AMCOT HQ SICILY
22 September 43.

TO : Ing. Tagliavia, Societa Esercizi Telefonici, Catania

1. The following information and directives are to confirm those given to you verbally by Captain J. E. Davis, Communications Engineer, AMCOT Headquarters, on 19th September 43.

2. You are hereby authorized to open all of the S.E.T. telephone exchanges in the Provinces of Messina, Catania, Siracusa, Enna, Ragusa, except those located in the cities of Catania and Augusta, under the following conditions:-

a. Telephone exchanges are permitted to provide only local telephone service to civilian customers.

b. Such steps as are necessary shall be taken to prevent subscribers from placing telephone calls on trunk circuits.

c. All inter-urban pole lines, wires, cables and central office switchboard equipment are reserved for Allied military use only, and will be operated and controlled by Allied military personnel until further notice.

3. You will immediately begin the operation and control of telephone exchanges, within the limits stated above, by regular civilian S.E.T. personnel.

4. You will undertake at once to restore urban cable, wire and central office facilities to as near normal conditions as possible.

5. Particular emphasis shall be placed on work necessary to protect cable facilities from further damage by the coming rains or other hazards.

6. Allied military requirements shall receive first priority in the establishment and/or maintenance of commercial S.E.T. facilities used by them.

7. No priority is established for S.E.T. civilian customers at this time; however, essential services will be given priority if a shortage of material or facilities make such action necessary.

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4. You will undertake at once to restore urban cable, wire and central office facilities to as near normal conditions as possible.
 - a. Particular emphasis shall be placed on work necessary to protect cable facilities from further damage by the coming rains or other hazards.
5. Allied military requirements shall receive first priority in the establishment and/or maintenance of commercial S.E.T. facilities used by them.
6. No priority is established for S.E.T. civilian customers at this time; however, essential services will be given priority if a shortage of material or facilities make such action necessary.
7. You will prepare appropriate billing to be rendered military units in Siracusa for local commercial services dating from 4 Sept. 43, using as a base local telephone facilities being used by them on that date.
8. You will prepare as soon as possible, a minimum estimate of material required to restore to workable condition and maintain the telephone facilities in your territory for a period of six months beginning 1st October, 1943.
9. Billing and collection methods for civilian subscribers and other actions to be taken by S.E.T. during the restoration period shall be in accordance with the attached supplement No. 1.

For the Chief Civil Affairs Officer:

Copies to: 15 ARMY GROUP, C.S.O.
FOURTH ARMY, C.S.O.
I.E.S.
All S.C.A.O.'s
MCS, AFHQ

/s/ Charles M. Spoffard
CHARLES M. SPOFFARD
Colonel, G.S.C.
Chief Staff Officer

J.A.C.S.

GA 5B

ALLIED MILITARY GOVERNMENT

AMGOT HQ SICILY

AMGOT/10027/TCU
25 Sept 1943

SUBJECT: Restoration of Civil Telephone Communications

TO : Ing. Tagliavia, Director S.E.T., Catania

1. You are hereby authorized and directed to take over the management and operation of the Messina and Catania automatic telephone central offices, using civilian S.E.T. personnel, for the purpose of providing local telephone service to military and civilian customers.

2. Effective date of this transfer is 1 October 1943 and billing to military units will be prepared using the telephone facilities in place on this date as a base.

3. In carrying out this directive you are subject to the provisions set forth in the directive sent to you from this headquarters dated 22 September 1943 and supplement No. 1 of the same date attached thereto. 3077

For the Chief Civil Affairs Officer:

JED/CT

CHARLES M. SPOFFORD
Colonel, C. S. C.
Chief Staff Officer

Copies to:

C.S.O. - 15th Army Group
C.S.O. - No. 1 District, Catania (Fort base)
C.S.O. - I.B.S.
S.C.A.O's - Messina, Catania
M. G. Section - A.F.H.Q.

25 September 1943.

ALL
1022

770

SUBJECT: Restoration of Telephonic Communications for Sicily

AMCOT/14027/TCU
AMCOT H. SICILY
22 September 1943.

Supplement No. 1 to Directive issued to S.E.T. Dated

22nd September, 1943

PROCEDURES FOR S.E.T. TO FOLLOW

1. Technical

a. Inspect the telephone control offices as rapidly as conditions will permit to determine status as to use and condition.

(1) S.E.T. will proceed with restoration of urban exchanges upon receipt of permission to do so from proper military authorities.

(a) Wherever deemed advisable spare parts or complete exchange switchboards may be removed from one place to restore another more important office.

(b) Should an automatic exchange be irreparable, manual equipment shall be substituted until new automatic centrals can be installed.

b. Inspect urban cables and lines within the towns and communes as rapidly as possible.

(1) S.E.T. will proceed with repair of these facilities as permission is procured from military authorities.

(a) Repairs to damaged cables particularly underground if it exists shall be made before other outside lines are taken care of.

I. Signal units of the Allied Armies will cooperate and assist in this repair work in so far as practicable.

(c) Rapid repairs to least damaged zones will restore service to greatest number of civilian telephone subscribers in shortest

1. Technical

a. Inspect the telephone control offices as rapidly as conditions will permit to determine status as to use and condition.

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(b) Rapid repairs to least damaged zones will restore service to greatest number of civilian telephone subscribers in shortest time.

(c) Inventory of materials needed to make repairs shall be necessary to properly organize this repair program. Wherever possible material will be salvaged and repaired locally.

c. Reconstruction and use of interurban cables and lines shall be undertaken after their release from military service.

(1) Civil personnel shall not work on any lines carrying military circuits until special approval for such work has been granted by proper military authorities.

(2) Signal units of the Allied Armies will make repairs to interurban lines wherever required for military use.

2. Administrative

a. Subscriber Service.

- 2 -

(1) Using last billing put out by the General Office in Naples for the 3rd and trimester 1943 as a basis, prepare the billing for the 3rd trimester (July, August, September) and for 4th trimester (October, November, December) in order to be able to collect the money and lines are put back into service.

(a) Where telephone service has been interrupted or discontinued appropriate adjustments should be made in billing.

(2) Control the subscribers, installations (names, addresses, amount to be paid, classification regarding taxes, etc.)

(a) If a shortage of materials makes rationing of telephone service necessary at any exchange military needs shall have first priority and other priorities shall be approved by the local military officer concerned.

b. Cash Service.

(1) Collected money will be deposited daily at a bank or in a postal account and credited at Palermo or Catania as appropriate. 337-

(2) To meet current operating expenses the provincial directors will receive a monthly allowance from their headquarters.

c. Inventories.

(1) Make inventories of materials in warehouses.

(2) Make inventory of telephone facilities, including offices, furniture and fixtures, stationery supplies, etc.

(3) Make inventory of telephone installations.

(4) Set up bookkeeping system if required or pick up use of former system of accounting.

(5) Make an inventory of telephone stocks or equipment when they have been removed by both Allied and Axis military units or troops.

d. Personnel.

(1) Staff at each telephone office or agency to be in accordance with actual needs.

(2) Organize the preparation of payroll and paybooks (they were formerly

account and credited at Palermo or Catania as appropriate 337

- (2) To meet current operating expenses the provincial directors will receive a monthly allowance from their headquarters.

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- (2) Organize the preparation of payroll and paybooks (they were formerly made up and kept in General Office at Naples).
- (3) Make provision for pay deductions as required by State laws now in force.
- (4) Make up and organize a Mutual Sickness Cash Benefit arrangement as a temporary substitute for the existing before the Allied occupation which had its headquarters in Naples.
- (5) Wages and salaries shall be in accordance with wage policy established by ANCOF.
- (6) Arrange for contracts and proper economic treatment of personnel in charge of small agencies which operate on such a basis.

e. Miscellaneous.

- (1) Transportation facilities shall be provided as required to facilitate restoration and maintenance of telephone service.

- 3 -

- (2) Require rapid reconstruction of central office building such as the one at Palermo which has been damaged.
- (3) Make agreements or contracts as required between S.E.T. and specialized construction and maintenance organizations.
- (4) Make agreements or contracts as required between S.E.T. and other pole line and wire using organizations such as telegraph and railroads.
- (5) Arrange for S.E.T. subscribers use of government or state circuits or lines and appropriate accounting procedure after release of such circuits by military forces.
- (6) Keep accurate record of telephone service provided by S.E.T. to Allied military organizations and prepare billing in accordance with current rates.
- (7) No new construction or appropriation of routes or terminal equipment or changes of circuits will be made by civil authorities without the consent of the Signal officer concerned.

For the Chief Civil Affairs Officer:

3376

CHARLES M. SPOFFORD
Colonel, G. S. C.
Chief Staff Officer.

COPIES TO: 15 ARMY GROUP
C.S.O. Fortbase
C.S.O. I.B.S.
All S.C.A.O.s
MCS, AFHQ

785015

TO JACS

Dec 1/10/22

JW

22

4A

FREEDOM

SEPT. 201830E

FATINA

SECRET

TELECOMMUNICATION PLANNING ON CIVIL SIDE HERE AT A STANDSTILL
OWING TO ABSENCE OF STONE X PAREN SIGNED EISENHOWER CITE PHOENIX
PAREN WHILE WE CANNOT JUDGE FROM HERE NATURE OF HIS PRESENT
WORK GRATEFUL IF HE COULD RETURN HERE EARLIEST X PROPOSE THAT
HENDERSON STAY YOURS

COORDINATED WITH C.S.O.

CAO
C-3
G-4
CSO
NAVAL SECTION USN
SAS
MGS
A4 Records

PRIORITY
MILITARY GOVT. SECTION

COLONEL A. T. MAXWELL
249

Dec 1/12/53
TP

CONFIDENTIAL

(EQUALS BRITISH SECRET)

ALLIED FORCE HEADQUARTERS

D/cags

Military Government Section

18th September, 1943

SUBJECT: Provision of Communication for Military Government.

TO : No. 7 Planning Staff.
Military Government School
and Holding Centre.

1. The attached copy of a letter from the Chief Signal Officer A.F.H.Q. to show the general policy concerning the provision of communication facilities for Military Government. The contents of the letter will be brought to the attention of all C.A.O's.

2. The Chief Signal Officer has sent urgent reports to the War Department and War Office for 14 U.S. and 6 British Signal Officers for Military Government. On their arrival these officers will be posted to vacancies on the P.T.T. Sections of Regional TO/WE's.

DAIRYMPLE
DAIRYMPLE,
Lt. Col,

Military Government Section

Copy to C.S.O., A.F.H.Q.
(without inclosure)

Acc
1023/3

Trans Div - Communications

CONFIDENTIAL

(EQUALS BRITISH SECRET)

4 copies available
435 in spare file
ACC/1090

ALLIED FORCE HEADQUARTERS
Office of the Chief Signal Officer

SIB: 311.3/1 (Wire)

24 18
APO 512, U. S. Army
13 September 1943

SUBJECT: Provision of Communications for Military Government
in Western Sicily.

TO : Chief, Military Government Section, AFHQ

1. We have received from Military Government through Seventh Army and Fifteenth Army Group the telephone circuit requirements for Military Government and controlled civilian use in Western Sicily.

2. Arrangements are under way with the 15th Army Group to provide such of the circuits requested as can be obtained from existing facilities and in accordance with our general policy.

3. Our general policy concerning the provision of communication facilities for Military Government will be as follows:

a. Except for materials as may have been ordered specifically for civil rehabilitation through such agencies as the NAEB, communication supplies, equipment and personnel were obtained for military circuits only and are not available for Military Government projects.

b. Military Government will be considered in the same category as any other military agency. It will be furnished extension telephones from military switchboards by the responsible signal unit, and have access to local and long distance military networks as available.

c. Upon the cessation of military operations in any given area, and if practicable, prior to the departure of the combat troops with their signal resources, the signal officer of the Military Government Section in the area should contact the necessary military unit signal officer as regards any communication requirements that may be needed by the Military Government Section. Insofar as possible, Military Government Section should arrange rehabilitation from civil resources of the various civilian communications. The Army, Navy, and Air Forces should not be responsible for employing military personnel, or military stores, on other than military requirements. This is necessary in view of the operational needs and extreme shortages of signal resources, stores, and personnel.

3373

Copy to:
CSC, 15th Army Group

L. E. NICHOLS
Major General
Chief Signal Officer

CONFIDENTIAL
(EQUALS DOWN SECRET)

COPY

DATA ON ITALY

I.S.T.D./C/200. Photographs of Port and Town of Naples. Copy #48.
I.S.T.D./C/200. Port and Town of Naples. Copy #48.
Map. Town Plan of Naples. (Showing Repeater Station and Cable).
Overlay to G.S.G.S. 4184 (Sheets 183, 184 and 196) (Map showing lines and cables vicinity Naples).
Map. Showing line communications in Southern Italy.
Circuit Diagram. Cable, Bologna to Naples.
 Cable, Atena to Reggio.
 Cable, Naples to Bari.
Mimeograph. Cables and Central Offices and Repeaters in Italy.
I.S.T.D./C/215. Southern Italy Signals. 29 June 43. Wireless Stations; Telephone and Telegraph Plan; Submarine Cables.
M.I. 8/B. 2573/13. Report on telecommunications in Southern Italy; Line Communication; Underground cables; Telegraphs; Telephones, etc.
M.I. 3/B. 2573/7. Diagram, Main T.E. Circuits; Naples-Catania-Palermo. Other data mainly on Sicily.
Map Overlay. Large Scale route plans, Southern Italy. State buried cable; overhead lines; submarine cables, etc.
Supplement to M.I. 8/B. 2573/7 & 8. Sicily and Calabria. Data on cable specifications, Naples-Reggio-Mili Marina-Palermo, dated 1932; Photographs of types of equipment; standard Repeater equipment; circuit diagrams supplied by Inter. Standard Elec. Corp., with descriptions. Description of Ericsson Automatic Telephone System; Multiple Relay System with diagrams and photographs.

Taranto
 Caserta
 Foggia
 Matera
 Barletta
 Benevento
 Avellino
 Brindisi
 Potenza

Town Plan showing position of Post and Telegraph office.

337

I.S.T.D./C/215.
Southern Italy Signals. 29 June 43. Wireless Stations;
Telephone and Telegraph Plan; Submarine Cables.

M.I. 8/B. 2573/13. Report on telecommunications in Southern Italy; Line Communication; Underground cables; Telegraphs; Telephones, etc.

III. 8/B. 2573/7. Diagram, Main Tg. Circuits; Naples-Catania-Palermo. Other data mainly on Sicily.

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Taranto
Town Plan showing position of Post and Telegraph office.

Caserta	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100						
Foggia	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
Matera	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100		
Barletta	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100				
Benevento	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100						
Avellino	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86																						

Salerno Town plan showing position of Repeater Station, SET which is in the Post and Telegraph Office.

Cantanzaro
Town plan showing Telephone and Telegraph Office which also houses the cable termination.

Reggio
Town Plan showing position of Repeater Station.

Town Plan showing position of Post and Telegraph Office.

Map Sheet showing position of Repeater Station.

Mignano

Lagonegro " " " " " " " " " " " "

Atena

Castrovillari

Tirriolo

Palmer

[illegible]

Gravina
Photograph of Repeater Station.

COPY

Folder containing data on Type of Arms and fittings, transposition diagrams, etc.

Brindisi, Bari, Foggia Areas. Folder containing data on Signal Installations.

I.S.I.S.

Report on Sicily with Supplement on CALABRIAN Peninsula,
CB.4096.H.

I.S.I.S.

Report on Sicily with Supplement on CALABRIAN Peninsula,
CB.4096.H. Part II.

M.I. 8/B.2573/3.

CALABRIA. Data on buried cable, overhead, automatic
exchanges, type of equipment, reserves of stores, personnel,
Telegraph, Submarine Cables; List of Wireless Stations in
Calabria; Map showing communication in Calabria; schematic
diagram of telephone networks, etc.

I.S.T.D./C/213.
I.S.T.D./C/219.
I.S.T.D./C/220.
I.S.T.D./C/221.
I.S.T.D./C/227.
I.S.T.D./C/322.
I.S.T.D./C/234.
I.S.T.D.
I.S.T.D./C/225.

"C" Reports on West Central Italy.	Civitavecchia-Gaeta topography.
" " " " " "	Railways.
" " " " " "	Roads.
" " " " " "	Rome.
" " " " " "	Spezia.-Civitavecchia.-Coast.
" " " " " "	Piombino.
" " " " " "	Climate and Medical.
" " " " " "	Plans.
" " " " " "	Resources.

List of Radio Stations in Italy from Berne List.

SECTION I.

Plan of Schematic Telephone Communications: Area - Rome - Naples.

SECTION 2.

Route of Main buried telephone cable Viterbo - Naples.

Town Plan of Rome showing:

Repeater Station.
Main Trunk Exchange.
City Auto Exchange.
Main Telegraph Office.
Cable routes and river crossings.

Route of cable Rome - Fiumicino,
together with photograph of Fiumicino Cable Hut on foreshore.

Plan showing position of repeater station at VITERBO.

SECTION 3.

I.S.T.D./C/220.
 I.S.T.D./C/221.
 I.S.T.D./C/227.
 I.S.T.D./C/228.
 I.S.T.D./C/234.
 I.S.T.D.
 I.S.T.D./C/229.

List of Radio Stations in Italy from Berne List.

SECTION 1.

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Town Plan of Rome showing:

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 City Auto Exchange.
 Main Telegraph Office.
 Cable routes and river crossings.

Route of cable Rome - Piumicino, together with photograph of Piumicino Cable Hut on foreshore.

Plan showing position of repeater station at VITERBO.

SECTION 3.

Schematic Diagram of Standard 22-A-1 through line repeater.

Schematic Diagram of Standard 44-A-1 through line repeater.

Circuit Diagram No. T.T. 5889 Section Bologna - Naples.

Circuit Diagram No. T.T. 5891 Section Naples - Bari.

SECTION 4.

Main Telephone Centers Zone IV (T.E.T.I.).

Schematic Diagram of Open Wire Carrier Circuits in Italy.

Diagram of Main State Buried Telephone Cables North of Naples. (Coastal Region only.)

C O P Y

SECTION 5.

Overlay to G.S.G.S. 4164. Sheets 136 and 142.
Overlay to G.S.G.S. 4164. Sheets 159, 160, 170, 171.
Overlay to G.S.G.S. 4164. Sheets 143 and 149.
Overlay to G.S.G.S. 4164. Sheets 150 and 159.

SECTION 6.

Town Plans showing location of Post and Telegraph Offices at the following points:

1. Aquila.
2. Campobasso.
3. Chieti.
4. Civitavecchia.
5. Foggia.
6. Frosinone.
7. Gaeta.
8. Littoria.
9. Pescara.
10. Sabaudia.
11. Tivoli.
12. Viterbo.

WIRELESS SECTION

SECTION 7.

Arrangement of Rectifier Sets. S. Palomba.
S. Palomba. General Plan of New Plant.
S. Palomba. Layout of 50 K.W. Transmitter.

SECTION 8.

S. Palomba. General arrangement of "Y Wave" Aerial System.
S. Palomba. Accommodation Plan of ground floor for High Power Broadcast Transmitter.

" " " " first floor " " "

SECTION 9.

785015

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WIRELESS SECTION

SECTION 7.

Arrangement of Rectifier Sets. S. Palomba.

S. Palomba. General Plan of New Plant.

S. Palomba. Layout of 50 K.W. Transmitter.

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S. Palomba. General arrangement of "Y Wave" Aerial System.

S. Palomba. Accommodation Plan of ground floor for High Power Broadcast Transmitter.

" " " " " first floor " " "

SECTION 9.

WIRELESS INFORMATION - Photographs.

SECTION 10.

Fiumicino - Wireless Station, Connections for transmitter.

"	"	"	Layout.
"	"	"	Gen. Layout of Aerial System.
"	"	"	Layout of Additional Aerial.

Special Appendix B. Italy - Sardinia Submarine Cable.

Article extracted from Electrical Communication October 1933 No. 2 Vol. 12.

LIST OF PLANS AND DIAGRAMS TO ACCOMPANY REPORT
ON TELECOMMUNICATIONS SOUTH ITALY M.I.3/B.2573/13

SECTION I

- Fig. 1 Marnesman Steel Tubular Pole.
 " 2 Lattice Iron Post.
 " 3 New Type of Arm and Fittings.
 " 4 " " " "
 " 5 " " " "
 " 6 " " " "
 " 7 " " " "
 " 8 Pole with new and old types of Arms.
 " 9 Pole Fitted with Old Types of Arms.
 " 10 Detailed View of New Arm and Spindles.
 " 11 Drawing of Standard Insulator and Spindle.
 " 12 Standard Transposition Diagram.
 " 13 Arrangement of Transpositions on Route.

SECTION IIMAP OVERLAYS.

L.197 to L.208 Large Scale Route Plans, S. Italy.

SECTION III

- Plan L.77 Telegraph & Telephone System. Bari District.
 L.81 New Telephone Installation Brindisi.
 (Naval Air Arm.)
 L.80 Telegraphic Network of Naval Base Brindisi.
 L.82 Diagram of Circuits of the Telephone
 Central with Luminous Indicator of the
 D.I.C.A.T. Command (Anti-Aircraft).
 L.86 Layout of the Telephone Lines of the
 D.I.C.A.T. (Anti-Aircraft) Network Brindisi.
 L.83 Layout of Naval Signal Communications.
 Foggia, Bari and Brindisi areas.
 L.85 Military Communications on Coast either
 side of Brindisi.
 L.84 Observation system of shore coastal A.A.
 Defences. Brindisi, after the
 establishment of the R.P.N. of Lecce
 and of the P.I.A.
 L.87 Telephone System of the shore defences
 Brindisi.
- Plan No. T.T.7056 Circuit diagram for telephone
 Cable Bologna to Naples.
 " " T.T. 7162 Circuit diagram for telephone
 Cable Atena to Reggio.
 " " T.T.7161 Circuit diagram for telephone
 Cable Naples to Bari.

SECTION IVSECTION V

Map Sheet 151/2 Showing position of repeater station
 at PERENTINO

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SECTION II

MAP OVERLAYS.

L.197 to L.208 Large Scale Route Plans, S. Italy.

SECTION IIIPlan L.77 Telegraph & Telephone System. Bari District.
L.81 New Telephone Installation Brindisi.

(Naval Air Arm.)

L.80 Telegraphic Network of Naval Base Brindisi.

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Foggia, Bari and Brindisi areas.L.85 Military Communications on Coast either
side of Brindisi.L.84 Observation system of shore coastal A.A.
Defences. Brindisi, after the
establishment of the R.R.H. of Lecce
and of the P.I.A.L.87 Telephone System of the shore defences
Brindisi.SECTION IVPlan No. T.T.7056 Circuit diagram for telephone
Cable Bologna to Naples." " T.T. 7162 Circuit diagram for telephone
Cable Atena to Reggio." " T.T.7161 Circuit diagram for telephone
Cable Naples to Bari.SECTION VMap Sheet 151/2 Showing position of repeater station
at

FERENTINO

- ditto -

" 161/3

" 210/2

" 199/3

" 221/2

" 242/4

" 245/2

" 199/1

MIGNANO

LAGONEGRO

ATERA

CASTROVILLARI

TIRIOLO

PALMI

POTENZA

Photograph of Gravina Repeater Station (Position not
known).

/SECTION VI.....

SECTION VI

NAPLES

Town Plan showing position of repeater station S.E.T. and State Trunk Exchange in the Nuovo Palazzo Poste. Via Depretis.

SALERNO

Town Plan showing position of repeater station which is in the Post and Telegraph Office.

COSENZA

Town Plan showing position of repeater station which is in the Post and Telegraph.

CATANZARO

Town Plan showing Telephone & Telegraph office which also houses the cable termination.

REGGIO

Town Plan showing position of repeater station.

BARI

Town Plan showing position of Post and Telegraph Office.

SECTION VII

TARANTO

- ditto -

CASERTA

"

FOGGIA

"

MATERA

"

BARLETTA

"

BENEVENTO

"

AVELLINO

"

BRINDISI

"

POTENZA

"

LECCE

"

GAETA

"

SECTION VIII

MAP

Showing line communication in Southern Italy.

3367

3387

Town Plan showing position of Post and
Telegraph Office.

BARI

SECTION VII

TARANTO

CASERTA

POGGIA

MATERA

BARLETTA

BENEVENTO

AVELLINO

BRINDISI

POTENZA

LECCE

GAETA

SECTION VIII

MAP

- ditto -

"
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Showing line communication in Southern
Italy.

C O P Y

SARDINIA

- I.S.I.S. Report on SARDINIA. - Dated Feb 1943, dated Nov 1942.
- I.S.I.S. Report on SARDINIA. - C.I.B. 4098.G (Plans).
- M.I.B/B. 2573/9.4 CORSICA. - Data on telecommunications, wireless, information, etc.
- M.I.B/B. 2573/9.3 CORSICA. - Data on telecommunications. Map on line communications, etc.
- M.I.B/B. 2573/7. SICILY. - Data on line communications, wireless, communications.

Photographs of types of Equipment:

1. Cable - laying in CATANIA.
2. Loading equipment.
3. Frequency curves for "Standard" repeater.
4. Photographs of Repeater equipment at MILI MARINA.

Article extracted from electrical communications. "Standard" Repeater equipment.

Circuit diagrams supplied by International Standard Electric Corp. with descriptions and also diagrams without descriptions.

The L.M. Ericsson equipment.

I.S.I.S. Report on SICILY. Part I, with supplement on CALABRIAN Peninsula.
CB.4096.H.

C.B. 1811, Intelligence Report on SPAIN and Possessions. Maps and plans on Ports.

Signal Communication Survey on ROMANIA.

Communication report on ALBANIA.

Communication report on YUGOSLAVIA.

Bucharest Telephone Directory, 1938.

Map of Cable Routes in Europe.

Map of Long Trunk Lines in GREECE.

Electrical Communication, Vol. 9, No. 3, 1930, containing article "Czechoslovakian Cable System".

2. Landing equipment.
3. Frequency curves for "standard" repeater.
4. Photographs of Repeater equipment at MILI MARINA.

Article extracted from electrical communications. "Standard" Repeater equipment.

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O.S.S. Report, Report on GREECE.

Phamphlet on General Aspects of Telephone and Telegraph Communications in Europe.

Survey of Signal Communications in CORSICA.

Survey of Signal Communications in SICILY.

Data in Communication Equipment in Use in ITALY - SICILY.

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