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

ACC 10000/147/556

T/64/CS

UNDERGROUND CABLES

Part III

(1 of 2 folders)

Feb. - May 1946

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

ERGROUND CABLES Part III

Feb. - May 1946

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

SUBJECT:- TELEPHONE CIRCUIT ALLOCATION DIAGRAM

Allied Force Headquarters
Long Lines Liaison Office,
R O M E

Tel. No. ROME 566016

511.2/28-5

15 Mar 46

TO : SEE DISTRIBUTION

Telephone Circuit Allocation Diagram FLORENCE - LEGHORN - GENOA, Issue No. 7, is forwarded herewith on the scale shown below.

W. L. Key. Major
Signalman,
Chief Signal Officer.

SCF/WEB.

DISTRIBUTION:-

CSO ANTA)	- 5 (2 for War Office)
CSO 2 Bakdad	- 1
CSO 5 District	- 1
Signal Officer, PBS	- 1
Director, Comm Sub-Coordination, MB) A.C.S.	- 1
CO 3 L of C Signals	- 1
CO 16 L of C Signals	- 1
OIC FLORENCE Fault Control	- 2
OIC BOLOGNA Fault Control	- 1
OIC MILAN Maintenance Control	- 1
OIC LEGHORN Post	- 2
Director, U.S.T.	- 5 (2 for Secretary of War & 3 for P. & T.)

Director

CROSS REF

T L 4

Date 9 APR 1946

94

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

MAPS FILMED ON

35MM ROLL

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

110

Subject:- Allocation and Maintenance Responsibilities.

Allied Force Headquarters
Long Lines Liaison Office
R O M E

Tel. No. ROME 478216

Ref. No. 413.4/13

4th June 1946.

Distribution:- SEE BELOW.

Further to this office 413.4/13 dated 30th May 1946. See WE

1. Amend Appendix "A" as follows:-

Designation	No. of Cots in Group	No. of Cots to be given priority	Remarks
FREEDOM - FTA	2	2	Both Cots routed via UDINE
FREEDOM - 13 CORPS	2	2	Both Cots routed via UDINE

FTC/ENG.

/Lt. Col.
/Brigadier,
Chief Signal Officer.

DISTRIBUTION:- As for 413.4/13 dated 30th May 1946.

CROSS REFS 106
FILE TG 4
Date 5 OCT 1946

Date
Initials
Chief Clerk
5087

110

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

HEADQUARTERS ALLIED COMMISSION
AFO 794
Communications Sub-Commission 6 June 1946

T.64.109.CS HTWM/ec

SUBJECT: Naples Repeater Station

TO : Under-Secretary of State for PP. & TT.
(for Azienda di Stato)

1. The cabling and general wiring layout of Naples carrier and repeater equipment is in a very poor condition due to rapid installation and frequent alterations.

2. It would be appreciated therefore if you would arrange to carry out the following work early.

(a) Renewal of the power wiring from the generators to equipment bays and charging rectifiers, in order to give correct phase loading, and to permit the production of circuit diagrams to facilitate faulting.

(b) Racked cabling. Removal of defunct cables and reforming of remaining cables.

(c) Rewiring of 2 circuit repeater bays.

H.H.SCUDDER,
Col.Sig.C.
Director.

5886
109

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

Subject:- Naples Repeater Station.

3 District
Tel Ext 38
1049 X 257
29 May 46

A.F.H.Q.
L.L.L.O.
RCTE.

1. The cabling and general wiring lay-out of NAPLES carriers and Repeaters is in very poor condition, having been rapidly installed and frequently altered. Fault Finding and new installations are thus made very difficult.

2. It is not possible with the present staffing to carry out the necessary re-wiring, and it is therefore suggested that the work be carried out by AZIENDA DI STATO. If agreed, may the latter please be given the necessary instructions.

3. The main details of the work to be done are as follows:-

(a) Renewal of the power wiring from the generators to equipment bays and charging rectifiers, in order to give correct phase loading and permit the production of circuit diagrams to facilitate faulting.

(b) Racked cabling. Removal of defunct cables and reforming remaining cables.

(c) Re-wiring 2-cct repeater bay.

4. This matter has already been agreed in principle by Major BURNS.

? ? ? ? ? ? ?

Colonel,
Chief Signal Officer.

DEB/CWG

5885

COPY

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

Subject:- Naples Repeater Station.

Allied Force Headquarters.
Long Lines Liaison Office
R O M E

Tel. No. ROME 478216

Ref. No. 311.2/10-4

2nd June 1946.

Director,
Comms Sub-Commission, A.C.

Reference attached copy of letter 1049 X 257 dated 29th May 1946, received from CSO 3 District.

1. May action be taken accordingly please.

T.L. Lewis maj
Brigadier,
Chief Signal Officer.

ERT/EMF.

Copy to:- CSO 3 District.

CROSS REFS
FILE 5 Wd.
164
Date 5 OCT. 1946
Chief Clerk
Censor's No. 5884
108

Subject: Fault Control Operation.

SIGNAL SECTION
ALLIED FORCE HEADQUARTERS

Tele: FREEDOM 572

311.3/3

29 May 46

CSO 13 Corps
CSO 3 District
SO HFS
SO RAC

Copy to: Director, Communications
Sub-Commission AC.
AFHQ, LLLO Rome.

CinC's Rep's	
FILE T.64	B/rwd.

Date 31 MAY 1946

Director
D/Director
Other Telecoms
Other Posts
H.Q. Comm Z
Asst Chief
Censorship
Chief Cipher

MAJ. TEW will pass on to VST PATTERSON

1. It would appear that Fault Controls and Maintenance Controls are not carrying out instructions as issued. If this is so, it will eventually lead to a break-down in the system.

2. Maintenance Controls are by-passing Fault Controls to whom they originally reported a fault in order to obtain information, resulting in a cumbersome procedure and misleading information. The following points must be stressed:-

(a) A Fault Control will either take on the responsibility of clearing a fault or passing it on to the next fault control, if it is out of his area.

(b) A Fault Control accepting responsibility for the clearance of a fault, will ensure that the fault is dealt with as expeditiously as possible.

(c) A Fault Control accepting responsibility for the clearance of a fault, must pass back to the Fault Control from whom the fault was accepted all information as to the nature of the fault as it is determined and periodic reports as to the progress on the clear. This information must be passed back through succeeding Fault Controls until it reaches the Fault Control or Maintenance Control which originally reported the

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

29 May 46

CSO 13 Corps
CSO 3 District
SO FES
SO RAAC

Copy to: Director, Communications
Sub-Commission AC.
AFHQ, LLLO Rome.

CROSS REFS | FILE T.64 | B/rwd

Date 31 MAY 1945

Director
D/Director
Other
Chief Posts
H Q Coms
Asst Chief
Censorship
Chief Clerk

MAJ. TEW WILL PASS ON TO JSI PARTICULARS

1. It would appear that Fault Controls and Maintenance Controls are not carrying out instructions as issued. If this is so, it will eventually lead to a break-down in the system.

2. Maintenance Controls are by-passing Fault Controls to whom they originally reported a fault in order to obtain information, resulting in a cumbersome procedure and misleading information. The following points must be stressed:-

(a) A Fault Control will either take on the responsibility of clearing a fault or passing it on to the next fault control, if it is out of his area.

(b) A Fault Control accepting responsibility for the clearance of a fault, will ensure that the fault is dealt with as expeditiously as possible.

(c) A Fault Control accepting responsibility for the clearance of a fault, must pass back to the Fault Control from whom the fault was accepted all information as to the nature of the fault as it is determined and periodic reports as to the progress on the clear. This information must be passed back through succeeding Fault Controls until it reaches the Fault Control or Maintenance Control which originally reported the fault. It should not be necessary for Fault Controls or Maintenance Controls to call forward for information.

(d) Only when a clear has been obtained from the Fault Control which accepted the fault should the Senior Fault Control restore the circuit to service. (S.S.)

3. Only the following must have dealings with Repeater and Carrier Station mechanics:-

(a) Fault or Maintenance Controls in the area in which the station is situated.

(b) External working parties and mechanics at other stations dealing with the same fault.

...../2

107

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

Instructions must be given to Station mechanics to refer all other callers to the Fault or Maintenance Control (DLO). The DLO will refer the caller to the correct DLO, if out of his area.

4. SBO's are putting through calls on circuits which are inaudible. They must be instructed to report faulty circuits immediately they are discovered.

5. A Routine Testing Schedule has recently been issued by USF. This must be carried out to the letter and adequate records maintained. These tests should cut down the number of faults due to the circuits requiring lining-up, which have been very prevalent recently. Periodical tests by officers at night on trunk circuits from a subscribers telephone should prove of value.

6. It is hoped that UST will have taken over the control of the complete system in ITALY, as far East as UDINE, by the middle of June. The necessity for close supervision by Allied personnel cannot be overstressed, but, on the other hand, satisfaction will never be obtained if the Allied personnel perform the work which should be carried out by the Italians. It is realised that it is easier to do the work oneself than to supervise the Italians doing it, but this practice must cease.

LINES/TEM

Brigadier
Chief Signal Officer

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

work which should be carried out by the Italians. It is realised that it is easier to do the work oneself than to supervise the Italians doing it, but this practice must cease.

Brigadier
Chief Signal Officer

LINES/TEL

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

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

BEST COPY POSSIBLE

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

Director
D/Director
Chief Telecoms
Chief Postal
H Q., Coms O
Asst Chief Postal
Censorship
Chief Clerk

CIPHER
RECD
FILE T.64
Encyd.
Date 31 MAR 1945

5881

106

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

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

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

Amendment "A" to AMEX Letter Section
Circular Letter 61.3.5/13 dated 26 Jun 1946

Classified mails should be conveyed, if possible, by two separate ships and Libau be notified not to receive for more than two ships.

Destination	No. of Bags to be Cross Referenced	No. of Bags to be Given Priority	Remarks
Brussels - Frankfurt	2	1	One routed via [illegible] Ostend and one via [illegible]
Brussels - Rear Office	1	1	Routed via [illegible]
Brussels - B.T.A.	2	1	Both routed via [illegible]
Brussels - 15 Corps	2	1	S.D. to be forwarded on Wednesday and Saturday
Brussels - Schwabia	1	1	routed via [illegible]
AEC CCS - USAF EU	1	1	routed via [illegible]
Belgium HQ - 3 Corps Command	1	1	routed via [illegible]

NOTE:- Any regular, Registered and Priority Control stencils are sent under Cover of Locked Envelope/Bag as ordinary correspondence.

SEE 110 & 118

Amended 24th June by Letter a/118.

O.A.G. 26.6.46.

E280

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

HEADQUARTERS ALLIED COMMISSION
APO 794
Communications Sub-Commission

HTWM/vl

(T.49.38.CS)

27 May 1946.

SUBJECT : Damage to telephone system, Udine area.

TO : A.F.H.Q. Long Lines Liaison Office, ROME.

Ref.: Your BC 439 Sigs 66 of 6 May.

1. The above report has been investigated by the Chief Utilities Officer of A.C. in 13 Corps area.

2. He has been unable to find any reports of unusual faults, etc. in the power system concerned.

3. It is understood that Maj.Williams is holding a Court of Enquiry on the matter.

H.H.SCUDDER
Col.,Sig.C.
Director

COPY FOR T.64

5879/05

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

Subject:- TELEPHONE ALLOCATION DIAGRAM
MILITARY CIRCUITS NAPLES - BARI and
NAPLES - PALERMO.

Allied Force Headquarters
Long Lines Liaison Office
N O H E

Tel. No. ROME 478216

Ref. No. 311.2/28-3

16th May 1946.

To : As per distribution.

Herewith Telephone Allocation Military Circuits Diagram NAPLES - BARI and NAPLES - PALERMO, Issue No. 2, forwarded on the date shown below.

FRS/IMP.

I have not
for Brigadier,
Chief Signal Officer.

DISTRIBUTION:-

CSO AFHQ	3 (2 for War Office)
OC 2 Sig Gp	1
OC 11 L of C Signals	2
OC 4 Coy. 11 L of C Signals	1
OIC Fault Control Naples	2
OIC Fault Control Bari	2
OIC Caserta Maint Control	2
Director Comm Sub-Commission, AC. U.S.T.	1
	3 (2 for Ministry of P & T)

Director
D/Director
Chief Telecoms
Chief Postal
H.Q., Corps C
Asst Chief Postal
Censorship
Chief Clerk

CROSS REFS.
FILE
b/Fwd.
64
Date 17 MAY 1946

5878

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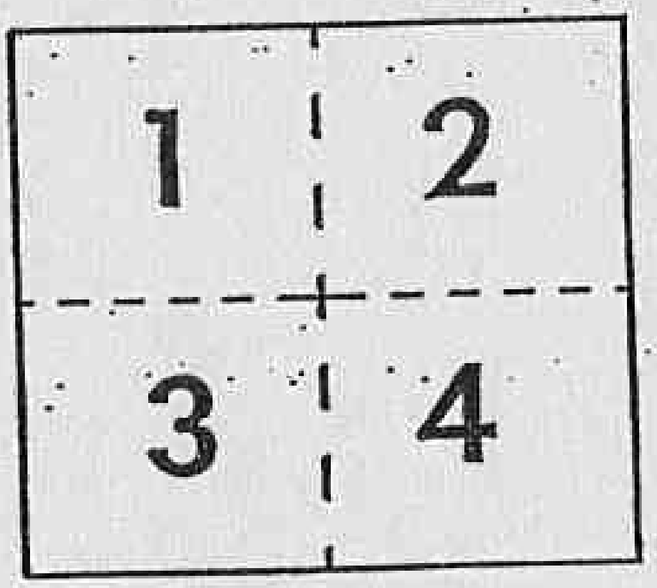
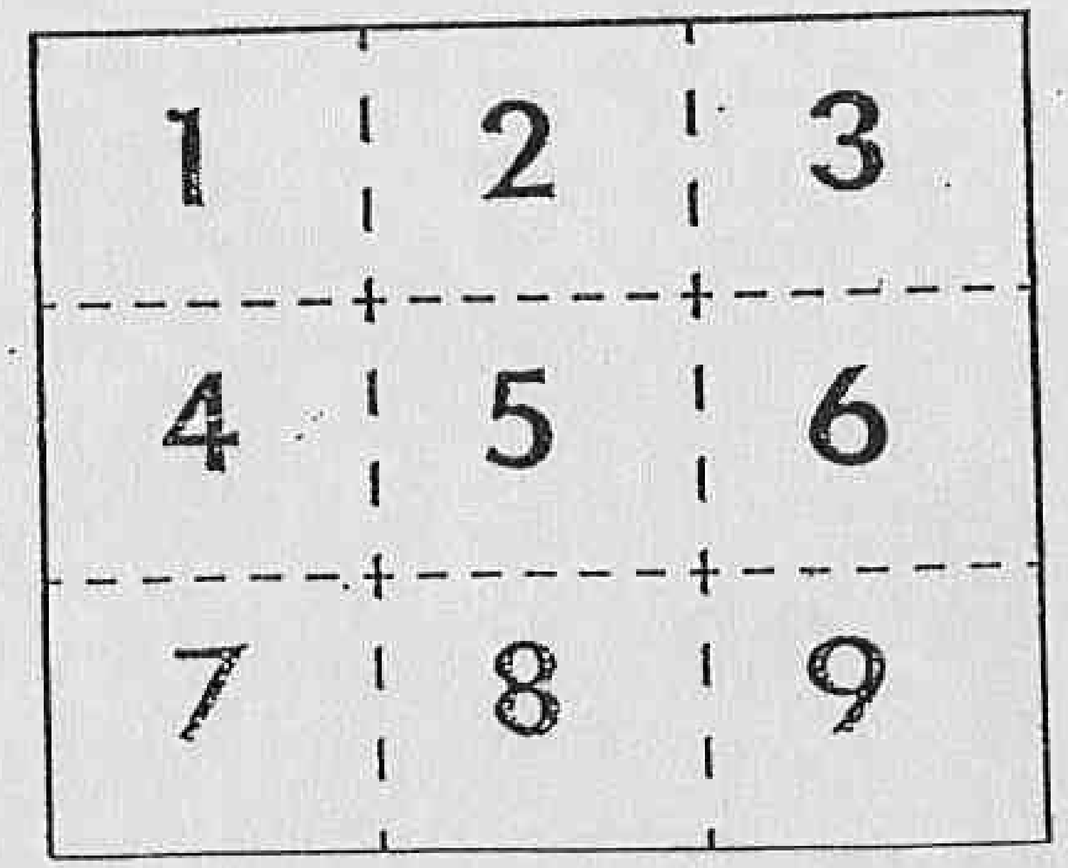
Declassified E.O. 12356 Section 3.3/NND No. 785015

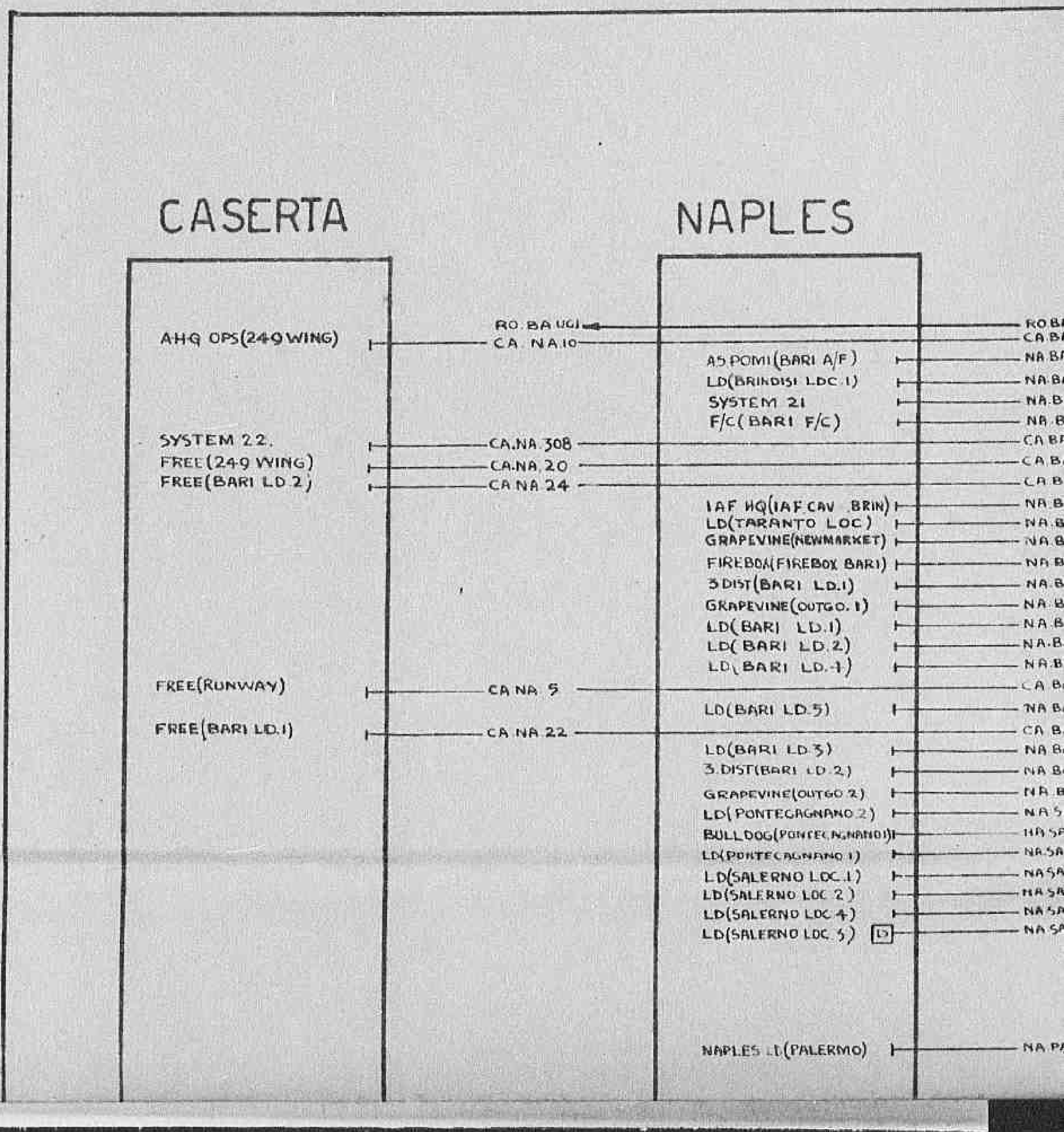
MAPS AND CHARTS TOO LARGE TO FILM
ON ONE EXPOSURE ARE FILMED CLOCKWISE
BEGINNING IN THE UPPER LEFT CORNER,
LEFT TO RIGHT, AND TOP TO BOTTOM.

SEE DIAGRAMS BELOW.

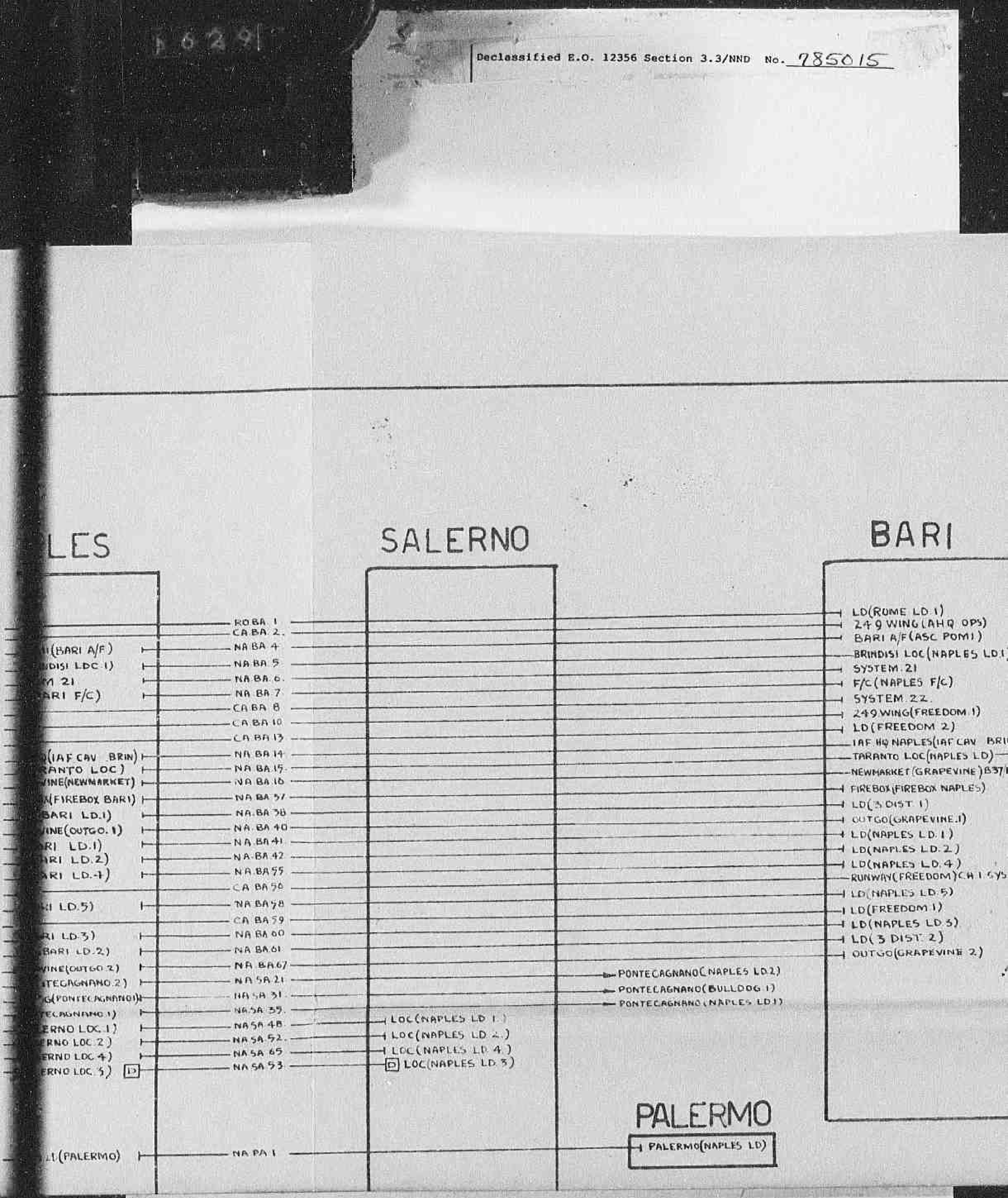




Declassified E.O. 12356 Section 3.3/NND No. 785015



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



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

SALERNO

LOC(NAPLES LD 1)
LOC(NAPLES LD 2)
LOC(NAPLES LD 4)
D LOC(NAPLES LD 3)

PONTECAGNANO(NAPLES LD2)
PONTECAGNANO(BULLDOG 1)
PONTECAGNANO(NAPLES LD1)

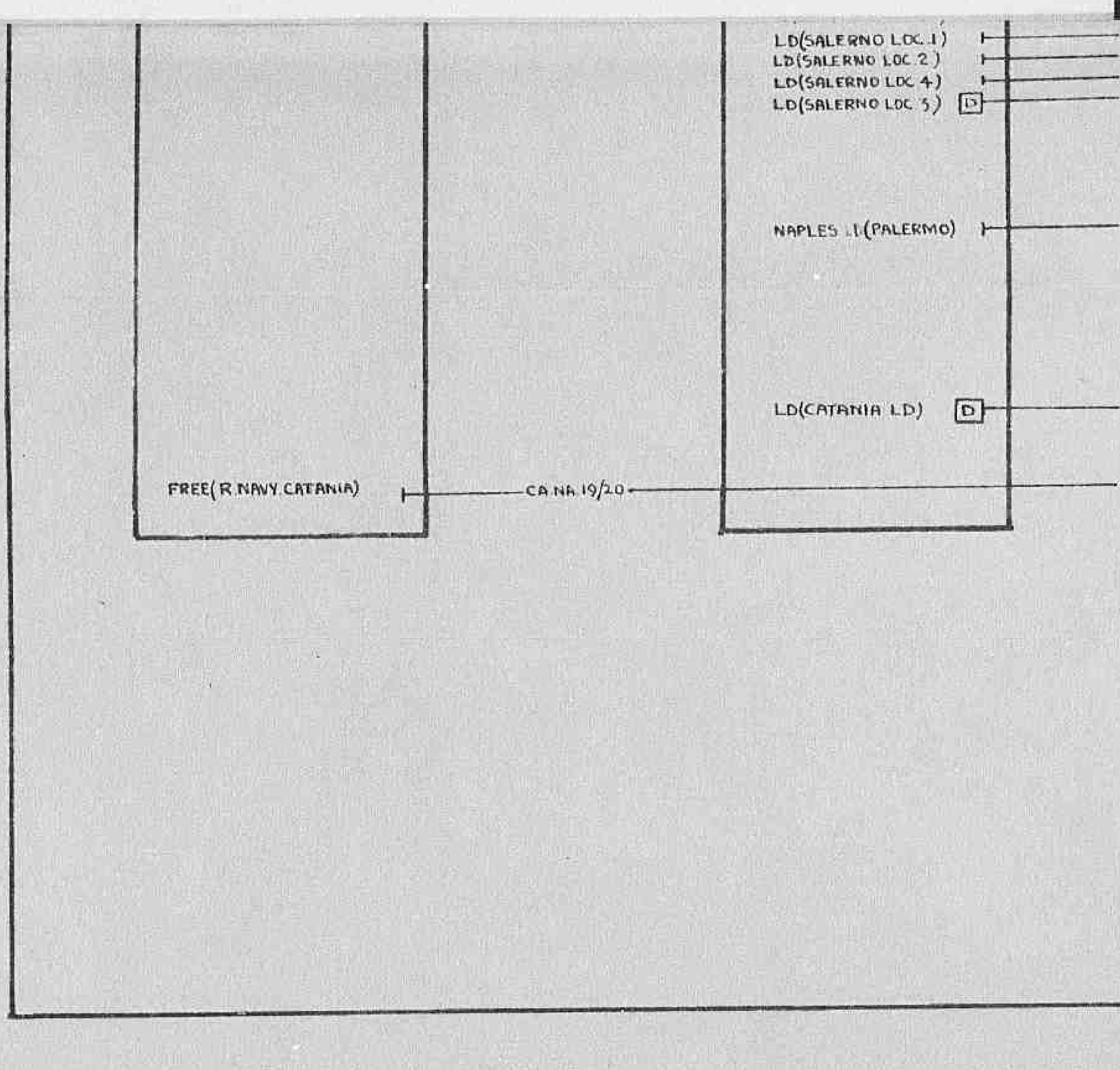
BARI

LD(ROME LD 1)
249 WING(AHQ OPS)
BARI A/F(ASC POM1)
BRINDISI LOC(NAPLES LD1) - B.1/7 →
SYSTEM 21
F/C(NAPLES F/C)
SYSTEM 22
249 WING(FREEDOM 1)
LD(FREEDOM 2)
IAF HQ NAPLES(IAF CAV BRINDISI CH 1 SYS V →
TARANTO LOC(NAPLES LD) →
NEWMARKET(GRAPEVINE) B37/10 →
FIREBOX(FIREBOX NAPLES)
LD(3 DIST 1)
OUTGO(GRAPEVINE 1)
LD(NAPLES LD 1)
LD(NAPLES LD 2)
LD(NAPLES LD 4)
RUNWAY(FREEDOM) CH 1 SYS Z →
LD(NAPLES LD 5)
LD(FREEDOM 1)
LD(NAPLES LD 5)
LD(3 DIST 2)
OUTGO(GRAPEVINE 2)

PALERMO

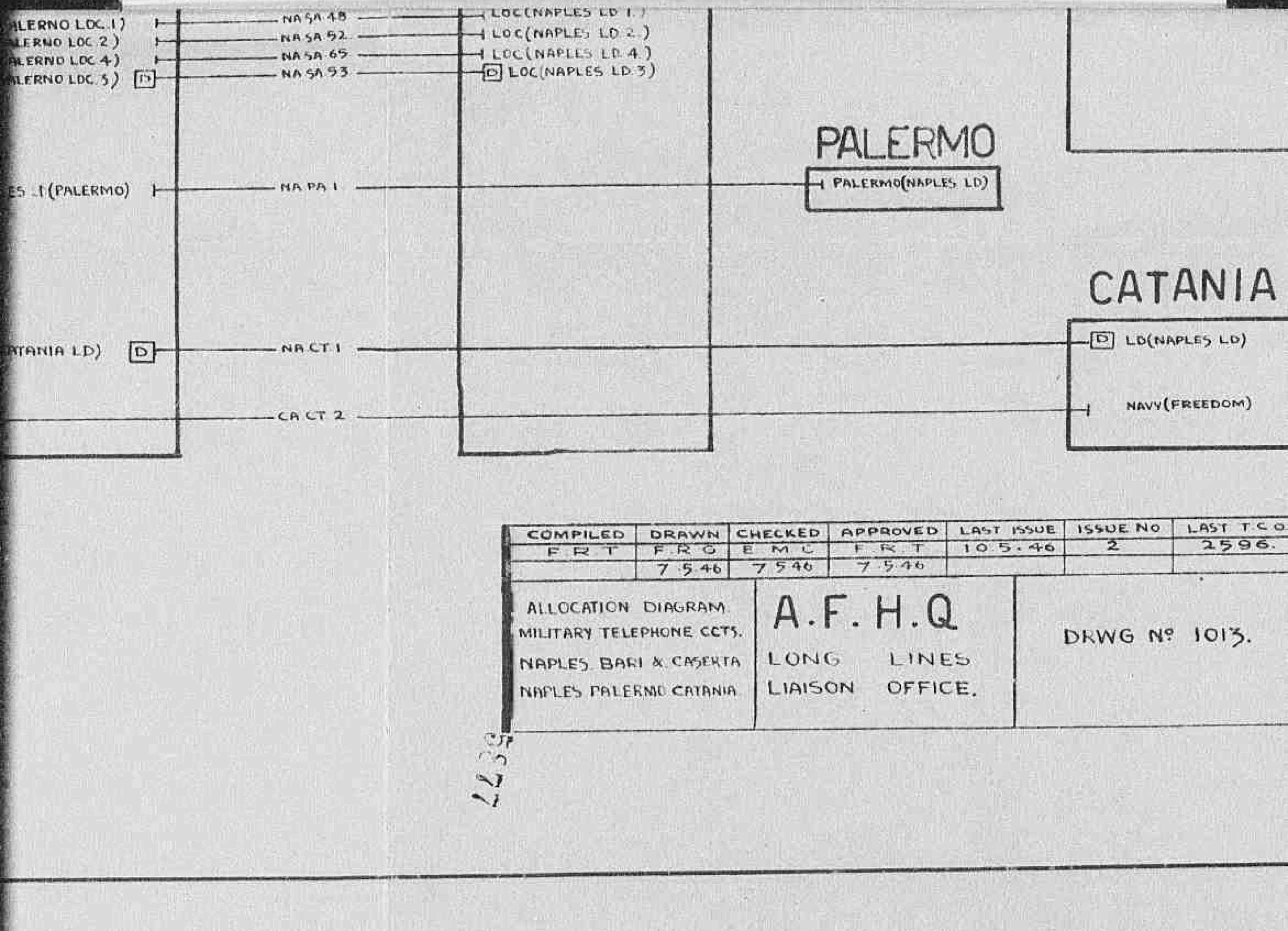
PALERMO(NAPLES LD)

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



1632

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



COMPILED	DRAWN	CHECKED	APPROVED	LAST ISSUE	ISSUE NO	LAST T C O
F R T	F R G	E M L	F R T	10.5.46	2	2596.
	7.5.46	7.5.46	7.5.46			

ALLOCATION DIAGRAM
MILITARY TELEPHONE CCTS.
NAPLES BARI & CASERTA
NAPLES PALERMO CATANIA

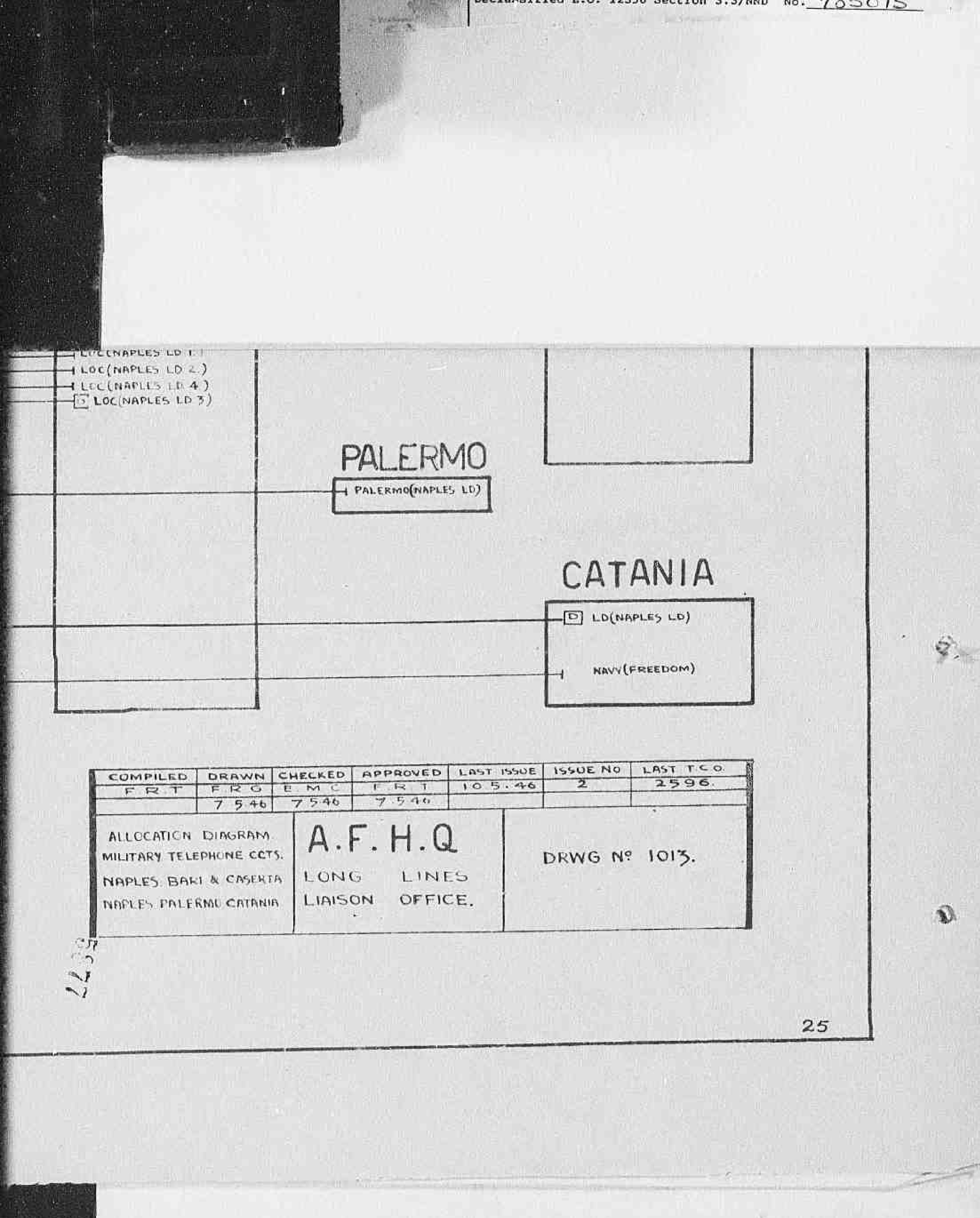
A.F.H.Q

LONG LINES
LIAISON OFFICE.

DRWG Nº 1013.

1631

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



COMPILED	DRAWN	CHECKED	APPROVED	LAST ISSUE	ISSUE NO	LAST T.C.O.
F.R.T	F.R.G	E.M.C	F.R.T	10.5.46	2	2596.
	7.5.46	7.5.46	7.5.46			

ALLOCATION DIAGRAM
MILITARY TELEPHONE CCTS.
NAPLES. BARI & CASERTA
NAPLES PALERMO CATANIA

A.F.H.Q
LONG LINES
LIAISON OFFICE.

DRWG Nº 1013.

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

Director
U/Director
Chief Telecoms
Chief Postal
H Q., Coms O
Asst. Chief Postal
Censorship
Chief Clerk

Allocation Diagram UKSB - [illegible], Issue No. 2.

Allied Forces Headquarters
Long Lines Liaison Office
R O M E

Tel. No. 1088 47246

Ref. No. 311.2/28-3

6th May 1946.

Allocation Diagram UKSB - [illegible], Issue No. 2, is forwarded herewith on the scale shown below.

S.H. Lewis Maj
for Brigadier,
Chief Signal Officer.

DISTRIBUTION:-

CSO AFHQ	3 (2 for Rec Office)
CSO PWB	1
CSO ACC/SHAEF	1
CSO 15 Group	1
Director Comms Sub-Commission, A.C.	1
Italcomm Board, Klagenfurt	1
OIC Bologna Fault Control	2
OIC Padua Fault Control	1
OIC Udine Fault Control	1
OIC Trieste Post	1
OIC Venice Post	1
OIC Bologna Repeater Station	1
U.S.T.	5 (2 for Ministry of P & T)

CROSS REFS.
FILE T 64 B/Fwd.
Date 17 MAY 1946

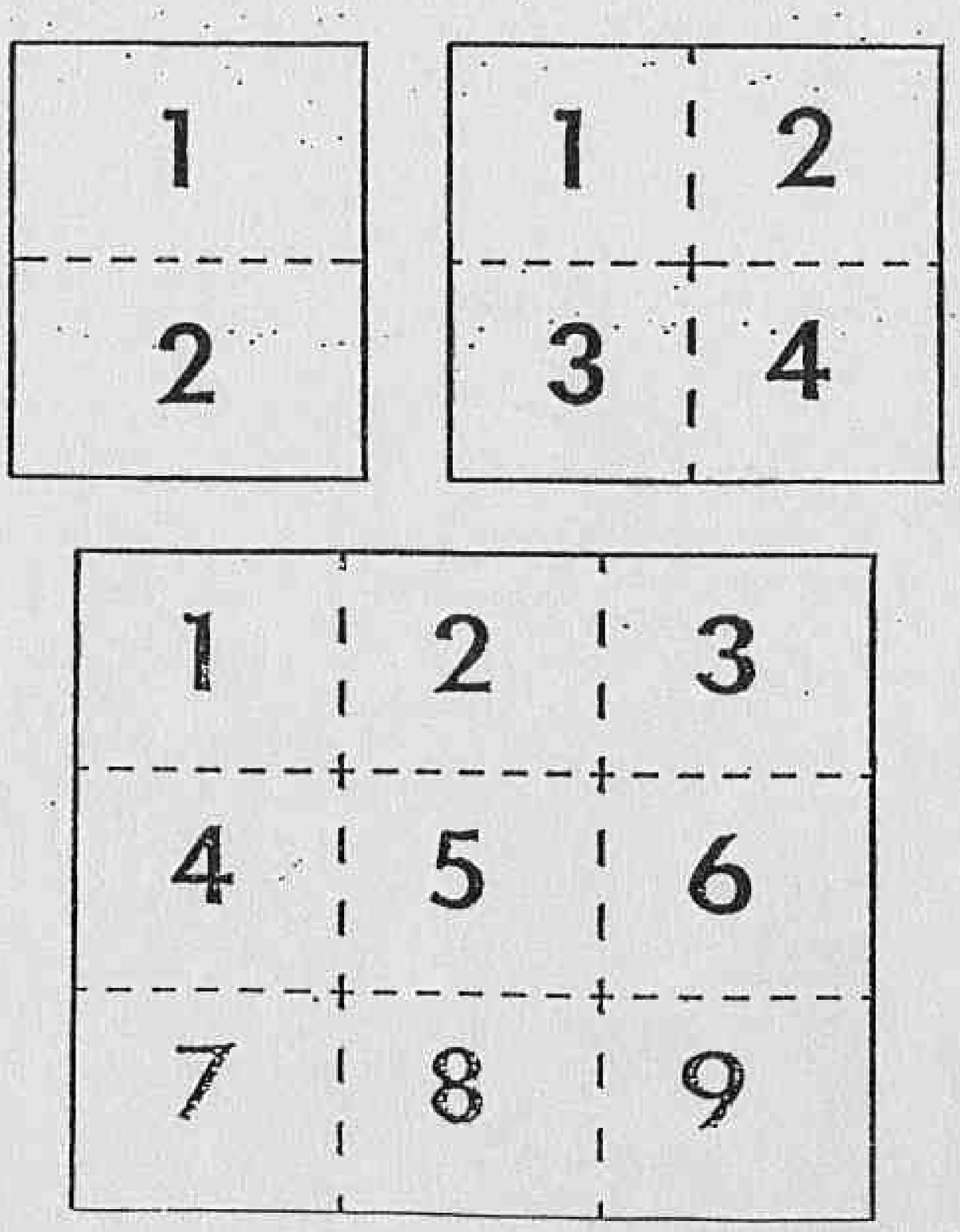
5876

103

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

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.



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

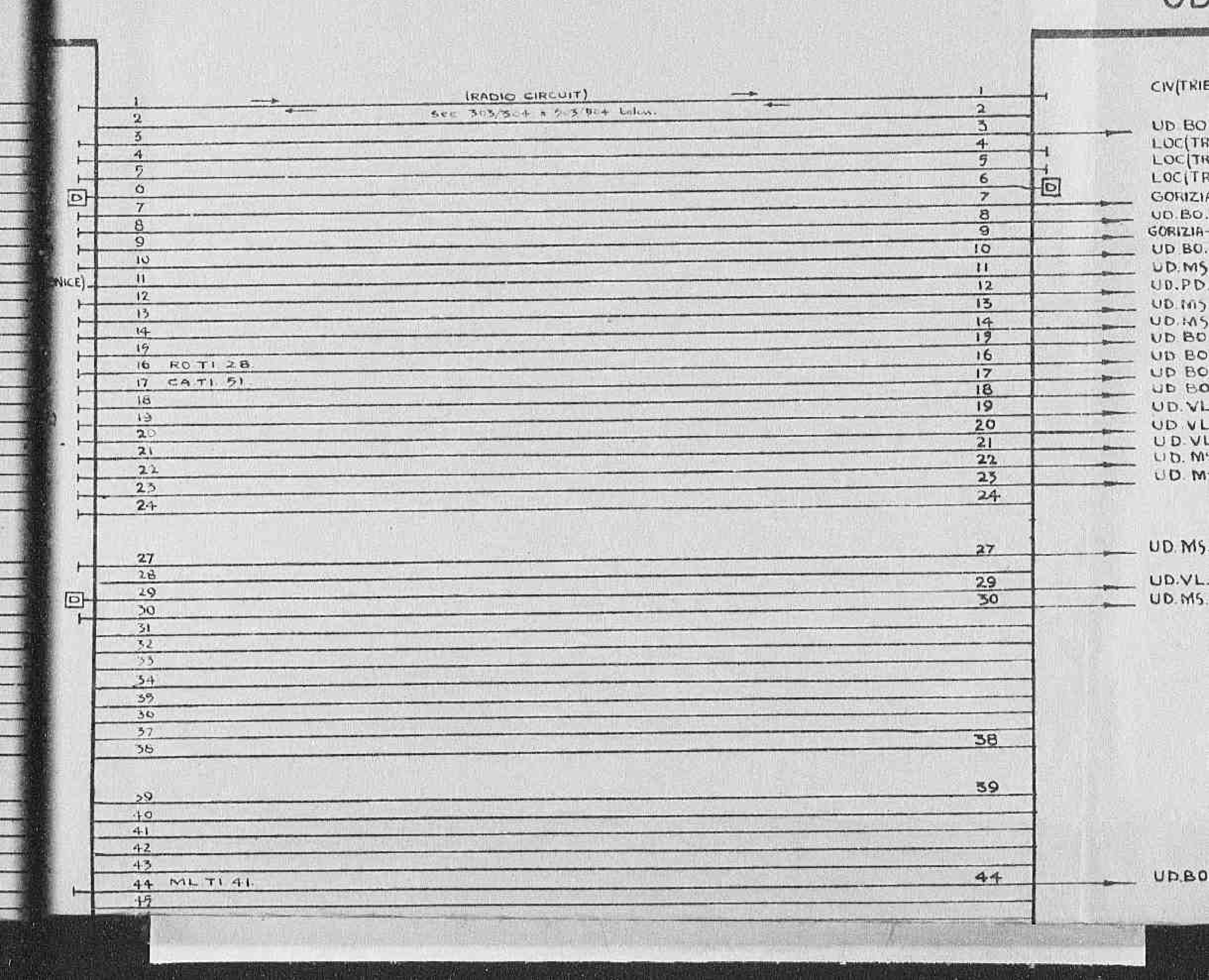
TRIESTE

CIV(UDINE CIV1)	1
	2
MIL(BOLO LD 1)	3
MIL(UDINE LOC 1)	4
MIL(UDINE LOC 2)	5
MIL(UDINE LOC 3)	6
MIL(LEGION-GORIZIA)	7
MIL(BOLO LD .2)	8
LEATHER RED(LEATHER-GORIZIA	9
CIV(BOLO CIV 2)	10
NAVY HOUSE(ITAL NAVY RADIO STN VENICE)	11
MIL(BG AREA)	12
CIV(MESTRE CIV)TGH	13
MIL(MESTRE LOC 3)	14
MIL(ROME LD 1)	15
CIV(ROME CIV 1)	16 ROTI 28
MIL(FREE 1)	17 CATI 51
SYSTEM 67	18
TRIESTE CIV(PRAGUE CIV)	19
TRIESTE CIV(VIENNA CIV)	20
MIL(BTA 1)	21
MIL(MESTRE LOC 2)	22
CIV(VENICE CIV)	23
	24
CIV(MESTRE CIV 2)	27
	28
MIL(BTA 2)	29
R/S(MESTRE R/S)	30
	31
	32
	33
	34
	35
	36
	37
	38
	39
	40
	41
	42
	43
CIV(MILAN CIV 1)	44 MLTI 41.
	45

1637

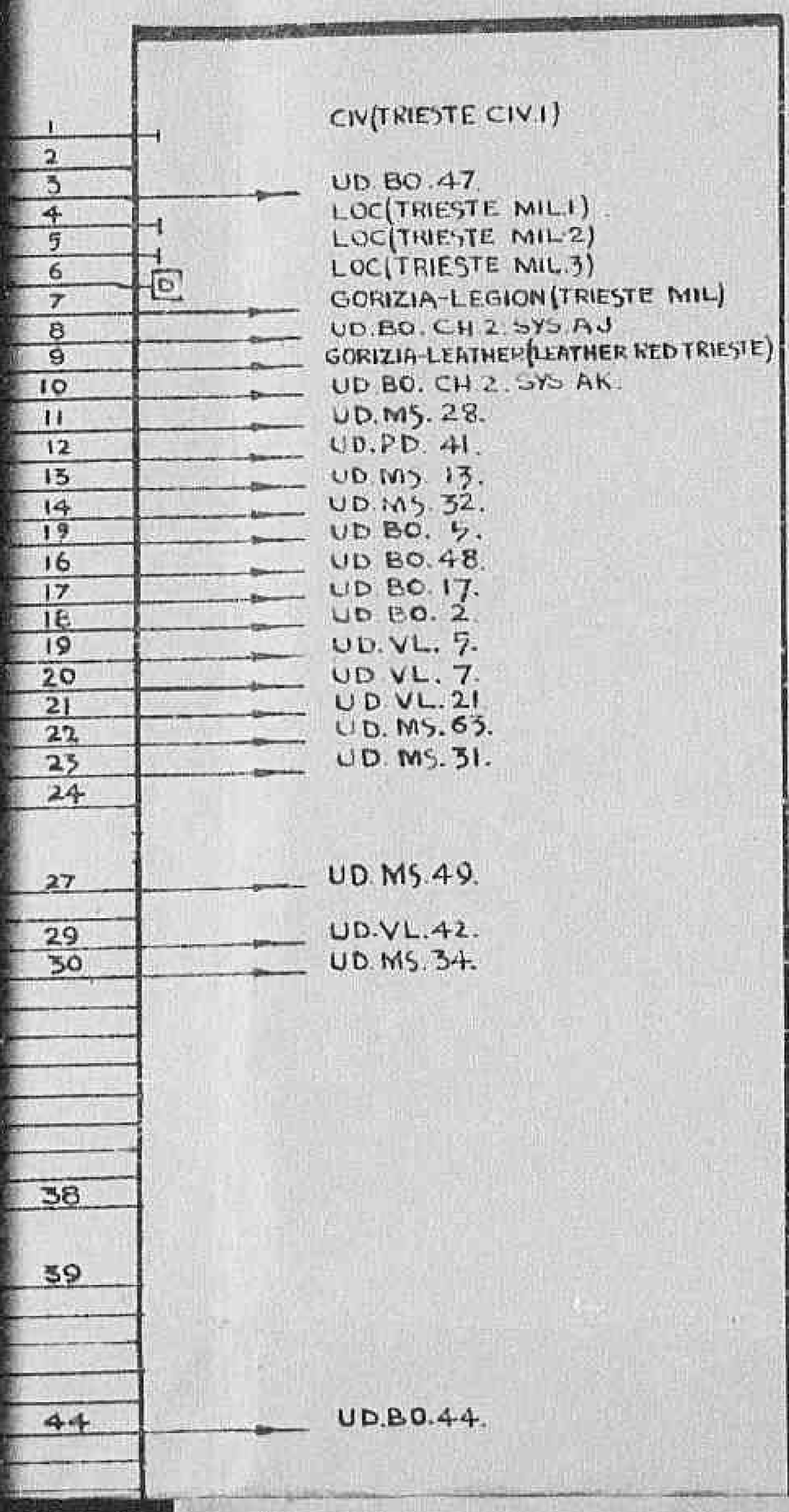
Declassified E.O. 12356 Section 3.3/NND No. 785015

UD



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

UDINE



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

CIV(MILAN CIV.1)	40 41 42 43 44 MLTI 41. 45 46 47 48 49 50
CIV(BOLOGNA CIV.1)	52 53 54 55 56 57
TEST(UDINE M/C)	61
R/S(UDINE R/S)	62
I.S.R(I.S.R.1)	63
I.S.R(I.S.R.2)	64
RADIO STN(UDINE RADIO STN)	65
CIV(MESTRE CIV.1)	66
CIV(UDINE CIV.1)	67
MIL(MESTRE LOC.1)	D 68
RLY STN(RLY STN MESTRE)	69
MIL(UDINE LOC.4)	70
MIL(UDINE LOC.5)	71
MIL(UDINE CIV)	72
CIV RADIO(UDINE CIV RADIO)	93
CIV(PADUA CIV.1)	94
FIREBOX(FIREBOX VENICE)	121
CIV(UDINE CIV.2)	122
CIV(UDINE CIV.3)	123
CIV(UDINE CIV.4)	124
CIV(UDINE CIV.5)	125
RLY STN(UDINE RLY STN)	126
CIV(UDINE CIV)	137
R.A.I(R.A.I. VENICE)	503/504
BRIT RADIO STN(UDINE BRIT RADIO STN.)	303/304

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

40		
41		
42		
43		
44 MLTI 41	44	UD.80.44
45		
46		
47		
48		
49		
90	50	
52		UD.80.52
53		
54		
55		
56		
57		
	61	M/C(TRIEST
61	62	R/S(TRIEST
62	63	I.S.R(I.S R
63	64	I.S.R(I.S R
64	65	RADIO STN(
65	66	UD.MS.70
66	67	CIV(TRIEST
67	68	UD.MS.68
68	69	UD.MS.69
69	70	LOC(TRIEST
70	71	LOC(TRIEST
71	72	CIV(TRIES
72		
	93	CIV RADIO(T
93	94	UD.PD.73
94	121	UD.MS.67
121	122	CIV(TRIEST
122	123	CIV(TRIEST
123	124	CIV(TRIEST
124	125	CIV(TRIEST
125	126	RLY STN(TR
126		
	137	CIV(TRIEST
137		
503/504	503/504	UD MS.
303/304	303/304	BRIT RADIO

1541

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

44	UD.BO.44.
50	UD.BO.52.
61	M/C(TRIESTE TEST)
62	R/S(TRIESTE R/S)
63	I.S.R(I.S.R.1)
64	I.S.R(I.S.R.2)
65	RADIO STN(TRIESTE RADIO STN)
66	UD.MS.70.
67	CIV(TRIESTE CIV.1)
68	UD.MS.68.
69	UD.MS.69.
70	LOC(TRIESTE MIL.4)
71	LOC(TRIESTE MIL 9)
72	CIV(TRIESTE MIL)
93	CIV RADIO(TRIESTE CIV RADIO)
94	UD.PD.73.
121	UD.MS.67.
122	CIV(TRIESTE CIV 2)
123	CIV(TRIESTE CIV 3)
124	CIV(TRIESTE CIV 4)
125	CIV(TRIESTE CIV 5)
126	RLY STN(TRIESTE RLY STN)
137	CIV(TRIESTE CIV 6)
503/504	UD.MS. 501/502
303/304	BRIT RADIO STN(TRIESTE BR.RADIO STN)

5139

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CIV(MESTRE CIV.1)	67
CIV(UDINE CIV.1)	68
MIL(MESTRE LOC 1)	69
RLY STN(RLY STN MESTRE)	70
MIL(UDINE LOC 4)	71
MIL(UDINE LOC 5)	72
MIL(UDINE CIV)	
CIV RADIO(UDINE CIV RADIO)	93
CIV(PADUA CIV 1)	94
FIREBOX(FIREBOX VENICE)	121
CIV(UDINE CIV. 2)	122
CIV(UDINE CIV 3)	123
CIV(UDINE CIV 4)	124
CIV(UDINE CIV 5)	125
RLY STN(UDINE RLY STN)	126
CIV(UDINE CIV)	137
R.A.I(R.A.I. VENICE)	503/504
BRIT RADIO STN(UDINE BRIT RADIO STN)	303/304

Note: 2-wire pairs int
Monfalcone & D
controlled by C

1043

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

	67	67	CIV(
D	68	68	UD.
E)	69	69	UD.
	70	70	LOC
	71	71	LOC
	72	72	CIV(
O)	93	93	CIVR
	94	94	UD.
E)	121	121	UD.
	122	122	CIV(
	123	123	CIV(
	124	124	CIV(
	125	125	CIV(
R)	126	126	RLY
	137	137	CIV
	505/504	503/504	UD
ADIO FN)	303/304	303/304	BRIT

Note: 2-wire pairs intercepted at Monfalcone & Duino (ie. prs 13-32.) controlled by C.S.O 13 Corps.

COMPILED	DRA
F R T	FR
	7.5

ALLOCATION
CABL
UDINE ~ TR

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

67	CIV(TRIESTE CIV 1)
68	UD. MS. 68.
69	UD. MS. 69.
70	LOC(TRIESTE MIL 4)
71	LOC(TRIESTE MIL 5)
72	CIV(TRIESTE MIL)
93	CIV RADIO(TRIESTE CIV RADIO)
94	UD. PD. 73.
121	UD. MS. 67.
122	CIV(TRIESTE CIV 2)
123	CIV(TRIESTE CIV 3)
124	CIV(TRIESTE CIV 4)
129	CIV(TRIESTE CIV 5)
126	RLY STN(TRIESTE RLY STN)
137	CIV(TRIESTE CIV 6)
503/504	UD. MS. 501/502.
303/304	BRIT RADIO STN(TRIESTE BR RADIO STN)

5239

COMPILED.	DRAWN.	CHECKED.	APPROVED	DATE OF ISSUE.	ISSUE NO	LAST T.C.O.
F R T	F R G	E.M.F	F.R.T	•	2	2597
•	7 5 46	7 5 46	7 5 46	9 . 5 46	•	•

ALLOCATION DIAGRAM. CABLE UDINE — TRIESTE	A.F.H.Q LONG LINES LIAISON OFFICE.	DRWG NO: 1015.

Subject:- Allocation and Maintenance Responsibilities.

Allied Force Headquarters
Long Lines Liaison Office
R O M E

Tel. No. ROME 470216

Ref. No. 413.4/13

14th May 1946

AS PER DISTRIBUTION.

1. W.e.f. MIDNIGHT 22nd MAY 1946 responsibility for circuit allocation on the following O/H routes will be handed over to the U.S.T. These routes are at present controlled by CSO 3 District:-

BARI - BRINDISI - TARANTO - FOGGIA AREA.

Route No.	Description
B31, B32, B33, B36 B37, B38, B23	BARI - CERIGNOLA - FO GGIA
B10, B17, B39, B12 B32, B30, B42	BARI - GRAVINA - MONTOLA - TARANTO - GIOIA DEL COLLE - LATERZA - BRINDISI
B1, B2, B5, B42	BARI - LOCOROTONDO - BRINDISI - LECCE

NAPLES AREA.

Route No.	Description
N1, N2, N3, N4	POZZUOLI - CASTELLAMARE - SORRENTO - CAPRI CASERMETTA
N6, N7	MIANO - CANCELLO - CASERTA
N8	PORTICI - PUNTA DI PROCIDA (for ISCHIA)
Cf (pre 13, 14, 15, 16)	MIANO - NOLA

2. The remaining military constructed O/H routes in the 'head' for which HARBOUR BARI have already assumed local control for circuit allocation, will not be affected unless otherwise ordered at a later date by the U.S.T.

3. The responsibility of military Fault Control officers affected by this hand over, will be modified as directed in this office letters of even reference dated 30th January and 6th February 1946.

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

Route No.	Description
D31, D32, D35, D36 D37, D38, D23	BARI - GRUMULA - MONOPOLI
D10, D17, D39, D19 F32, B30, B42	BARI - GIOIA - MONOPOLI - TARANTO - GROTTAGLIE - MATINO - GALLIPOLI
D1, T8, T5, T12	BARI - ALTAMURA - GRAVINA - LECCE

NAPLES AREA.

Route No.	Description
N1, N2, N3, N4	POZZUOLI - CASTELLAMARE - SORRENTO - CAPRI CARMINEAD
N6, N7	MEALE - CANCELLO - CASERTA
N8	PORTICI - PUNTA DI PROCIDA (for ISCHIA)
Cf (pre N5, N6, N5, N6)	MEALE - NOLA

2. The remaining military constructed O/H routes in the 'Heel' for which MAMESPE BARI have already assumed local control for circuit allocation, will not be affected unless otherwise ordered at a later date by the U.S.T.

5974

3. The responsibility of military Route Control Officers affected by this hand over, will be modified as directed in this office letters of even reference dated 30th January and 11th February 1946.

4. Director U.S.T. will please issue necessary instructions, based on the above, to the Regional Directors at Naples, Bari and Foggia U.C.T's.

FKT/EMP.

F.K. Tew maj
Brigadier,
Chief Signal Officer.

Director
D/Director
Chief Telecoms
Chief Postal
H Q Coms O
Asst Chief Posts
Censorship
Chief Clerk

CROSS. REFS.	
FILE 701	Brwo

Date [illegible] 1946

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

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

DISTRIBUTION:-

ZOI-ACTION

OSO 3 Diskettes
CC 11 L of D Signals
CC 4 Cont, 11 L of D Signals
DIC Region IV
DIC Post HQ
DIC Europe HQ
Director USIA (4 copies - one for Library of P & T).

ZOI-INFORMATION

OSO LSTEI
DIC O EAAC
Director Cuban Sec. Commandant, AC.
CC 2 CHQ Signals
DIC Rome HC
DIC Moscow HC
DIC Guatemala HC

5273

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

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

T.64.101.CS 13 May 1946

SUBJECT: Urgent works on the National Network.

TO : Under-Secretary of State for PP. & TT.

Your letter n°. 1739496/895 of 6 May has been received and the contents noted with thanks. The proposed changes seem advantageous.

H.H.SCUDDER,
Col.Sig.C.
Director.

5572

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

Ref:1739496/895

From:Ministry PP.TT.

6-5-1946

164

Subject:Urgent works on the National network

Referring to the talk intercurred with Col.Millar it is confirmed that all the works consequent to the requests of the Allies are in course of execution or about to be initiated.

The above said works,although being included in the general program of first and urgent reactivation of the already examined network by Col.Millar,have been ordered,for their paricular kind,without taking into account any administrative procedure,as for analogue works already made on the network.

In accordance with what agreed with Col.Millar ,the above said works comprehend:

1).Installations of N.6 terminations at Udine of which N.2 taken from Padua faulty and repaired and N.4 of a new supply.If the 6 terminations are not sufficient and not immediately installed,it is thought possible the temporary utilisation of differential transformers of available 2 wires amplifiers.

2).Repair of N.6 4 wires amplifiers at Udine(potentiometers damaged).

3).Repair of N.14 call converters 500/20 at Udine.

4).On modification of what stated in the general programm,adding at Udine of N.4 4 wires amplifiers type 32 to take by the rack destined to Mestre and to be mounted in dropped positions of already mounted racks at Udine.

5).Installation at Mestre of a 12 channels system of harmonic telegraphy withdrawn from Bolzano.

6).Installation at Mestre of a rack with 6 four wires amplifiers type 32(beying the other 4 amplifiers employed for Udine according with point 4).

7).Repair of N.2 amplifiers 4 wires existing in the station of Mestre.

8).Installation at Mestre of a section with 10 terminations of a new supply

5871

100.14

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

9).Installation at Mestre of a section with 10 call converters to be withdrawn at Vimercate.
10).Installation at Padua of a section type Bolotri with 10 terminations and 10 call panels.
11).Installation at Padua of N.8 terminations(temporary)to withdraw at Vimercate.
12).Installation of N.2 racks equipped completely with N.16 type L amplifiers to withdraw at Vimercate.
13).Installation at Poggio Renatico of N.2 sections completely equipped with N.12 four wires type L amplifiers to withdraw at Vimercate.
14).Installation at Trieste of a section type Bolotri with N.10 terminations and N.10 call panels to withdraw at Vimercate.
15).In addition to the general program:installation at Trieste of a section with N.10 type 32 or L amplifiers to withdraw at Vimercate.

In particular,you are assured that the works for the Station of Udine are about to be over.You are,at the end,requested to take noteof some modifications and additions to the general program:
a)Near the station of Rome it has been installed a generating set with alternator coming from Siena.

Temporary linkings and an inverting knife have been installed for the functioning of the Station with the external feeding or that furnished by the generating set.It is thought advisable to provide the definite installation of the above said linkings and the adding of a marble panel to the manoeuvre panel containing the commutator and the measuring apparatus.
b)To Siena can be transferred the generating set of the Station of Rome more powerful than the S.Secondo'one.
c)For the Station of Bologna it is thought advisable to provide the installation of the second pair of supplyers(one anodic and one catodic).
d)If there will be the availability,it is tought advisable to instal at Naples two anodic 130 Volts converters.

The Director of the Azienda

1651

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

Ref:1739496/895

From:Ministry PP.TT. 6-5-1946

Subject:Urgent works on the National network

Referring to the talk interourred with Col.Millar it is confirmed that all the works consequent to the requests of the Allies are in course of execution or about to be initiated.

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1).Installations of N.6 terminations at Udine of which N.2 taken from Padua faulty and repaired and N.4 of a new supply.If the 6 terminations are not sufficient and not immediately installed,it is thought possible the temporary utilisation of differential transformers of available 2 wires amplifiers.

2).Repair of N.6 4 wires amplifiers at Udine(potentiometers damaged).

3).Repair of N.14 call converters 500/20 at Udine.

4).On modification of what stated in the general programm, adding at Udine of N.4 4 wires amplifiers type 32 to take by the rack destined to Mestre and to be mounted in dropped positions of already mounted racks at Udine.

5).Installation at Mestre of a 12 channels system of harmonic telegraphy withdrawn from Bolzano.

6).Installation at Mestre of a rack with 6 four wires amplifies type 32(beying the other 4 amplifiers employed for Udine according with point 4).

7).Repair of N.2 amplifiers 4 wires existing in the station of Mestre.

8).Installation at Mestre of a section with 16 terminations of 5669
a new supply

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

9).Installation at Mestre of a section with 10 call converters to be withdrawn at Vimercate.
10).Installation at Padua of a section type Bolotri with 10 terminations and 10 call panels.
11).Installati on at Padua of N.8 terminations(temporary)to withdraw at Vimercate.
12).Installation of N.2 racks equipped completely with N.16 type L amplifiers to withdraw at Vimercate.
13).Installation at Poggio Renatico of N.2 sections completely equipped with N.12 four wires type L amplifiers to withdraw at Vimercate.
14).Installation at Trieste of a section type Bolotri with N.10 terminations and N.10 call panels to withdraw at Vimercate.
15).In addition to the general program:installation at Trieste of a section with N.10 type 32 or L amplifiers to withdraw at Vimercate.

In particular,you are assured that the works for the Station of Udine are about to be over.You are,at the end,requested to take noteof some modifications and additions to the general program:
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Temporary linkings and an inverting knife nave been installed for the functioning of the Station with the external feeding or that furnished by the generating set.It is thought advisable to provide the definite installation of the above said linkings and the adding of a marble panel to the manoeuvre panel containing the commutator and the measuring apparatus.
b)To Siena can be transferred the generating set of the Station of Rome more powerful than the S.Secondo'one.
c)For the Station of Bologna it is thought advisable to provide the installation of the second pair of supplyers(one anodic and one catodic).
d)If there will be the availability,it is tought advisable to instal at Naples two anodic 130 Volts converters.

The Director of the Azienda

5668

MINISTERO DELLE POSTE E DELLE TELECOMUNICAZIONI
AZIENDA DI STATO PER I SERVIZI TELEFONICI

Roma 6 MAG 1946 19

Ref. Ufficio CENTRALE DELLA TRASMISSIONE
PROT. N. 1338/1330895 ALLEGATI

RISPOSTA AL N.

DEL

4907/

OGGETTO: Lavori urgenti sulla Rete Nazionale.

Direct
Chief Telecoms
Chief Posts
Chief Rome D
Asst. Chief Rome
Controller
Chief Clerk

CROSS REF'S
FILE 7.64

ALLA COMMISSIONE ALLEATA
SOTTOCOMMISSIONE TELECOMUNICAZIONI
ROMA

Date 13 MAG 1946

In relazione al colloquio intercorso con il Sig. Col. Millar, si conferma che tutti i lavori motivati dalle richieste Alleate sono in corso di esecuzione od in via di imminente inizio.

Tali lavori, pur essendo compresi nel piano generale di primo ed urgente riassetto della rete già esaminata dal Sig. Col. Millar, sono stati ordinati, stante il loro carattere, a prescindere da ogni procedura amministrativa, come per analoghi lavori già compiuti sulla rete.

Giusta quanto convenuto col Sig. Colonnello, i predetti lavori comprendono:

1°). Installazioni di N.6 forchette a Udine di cui N.2 prelevate guaste da Padova e riparate, N.4 di nuova fornitura. Qualora le 6

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

OGGETTO: Lavori urgenti sulla Rete Nazionale.

Director
Dep. Director
Chief Telecoms
Chief Posts
Chief Telegraphs
Chief Cable
Chief Clerk

CROSS REFS.
FILE T64

ALLA COMMISSIONE ALLEATA
SOTTOCOMMISSIONE TELECOMUNICAZIONI
ROMA

Date 13 MAG 1946

In relazione al colloquio intercorso con il Sig. Col. Millar, si conferma che tutti i lavori motivati dalle richieste Alleate sono in corso di esecuzione od in via di imminente inizio.

Tali lavori, pur essendo compresi nel piano generale di primo ed urgente riassetto della rete già esaminata dal Sig. Col. Millar, sono stati ordinati, stante il loro carattere, a prescindere da ogni procedura amministrativa, come per analoghi lavori già compiuti sulla rete.

Giusta quanto convenuto col Sig. Colonnello, i predetti lavori comprendono:

1°). Installazioni di N.6 forchette a Udine di cui N.2 prelevate guaste da Padova e riparate, N.4 di nuova fornitura. Qualora le 6 forchette non fossero sufficienti o non tempestivamente installate, si prevede l'utilizzazione provvisoria di trasformatori differenziali di amplificatori a 2 fili disponibili.

2°). Riparazione N.6 amplificatori a 4 fili a Udine (potenziometri danneggiati).

3°). Riparazione di N.14 convertitori di chiamata 500/20 a Udine.

4°). A modifica di quanto contemplato nel piano generale, aggiunta a ~~Udine~~ 154 Udine di N.4 amplificatori a 4 fili tipo 32 da prelevare dal UDA

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telaio destinato a Mestre e da montare in posti liberi di telai già in opera a Udine.

5°). Installazione a Mestre di un sistema a 12 canali di telegrafia armonica prelevato a Bolzano.

6°). Installazione a Mestre di un telaio con 6 amplificatori a 4 fili tipo 32 (essendo gli altri 4 amplificatori impiegati per Udine giusto il punto 4).

7°). Riparazione di N.2 amplificatori a 4 fili esistenti nella Stazione di Mestre.

8°). Installazione a Mestre di una sezione con 10 forchette di nuova fornitura.

9°). Installazione a Mestre di una sezione con 10 convertitori di chiamata da prelevare a Vimercate.

10°). Installazione a Padova di una sezione tipo Bolotri con 10 forchette e 10 pannelli di chiamata.

11°). Installazione a Padova di N.8 forchette provvisorie da prelevare a Vimercate.

12°). Installazione di N.2 telai equipaggiati complessivamente con N.16 amplificatori tipo L da prelevare a Vimercate.

13°). Installazione a Poggio Renatico di N.2 sezioni equipaggiate complessivamente con N.12 amplificatori a 4 fili tipo L, prelevabili a Vimercate.

14°). Installazione a Trieste di una sezione tipo Bolotri con N.10 forchette e N.10 pannelli di chiamata da prelevare a Vimercate.

15°). In aggiunta al piano generale; installazione a Trieste di una sezione con N.10 amplificatori tipo 32 o L da prelevare a Vimercate.

In particolare, si assicura che per la Stazione di Udine i lavori sono quasi ultimati. Si prega infine di prendere nota di alcune modifiche ed aggiunte al piano generale:

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8°). Installazione a Mestre di una sezione con 10 forchette di nuova fornitura.

9°). Installazione a Mestre di una sezione con 10 convertitori di chiamata da prelevare a Vimercate.

10°). Installazione a Padova di una sezione tipo Bolotri con 10 forchette e 10 pannelli di chiamata.

11°). Irstallazione a Padova di N.8 forchette provvisorie da prelevare a Vimercate.

12°). Installazione di N.2 telai equipaggiati complessivamente con N.16 amplificatori tipo L da prelevare a Vimercate.

13°). Installazione a Poggio Renatico di N.2 sezioni equipaggiate complessivamente con N.12 amplificatori a 4 fili tipo L, prelevabili a Vimercate.

14°).Installazione a Trieste di una sezione tipo Bolotri con N.10 forchette e N.10 pannelli di chiamata da prelevare a Vimercate.

15°). In aggiunta al piano generale; installazione a Trieste di una sezione con N.10 amplificatori tipo 32 o L da prelevare a Vimercate.

In particolare, si assicura che per la Stazione di Udine i lavori sono quasi ultimati. Si prega infine di prendere nota di alcune modifiche ed aggiunte al piano generale:

a) Presso la Stazione di Roma è stato installato un gruppo elettrogeno con alternatore proveniente da Siena.

Sono stati sistemati collegamenti provvisori ed un coltello d'inversione per il funzionamento della Stazione con l'alimentazione esterna o con quella fornita dal gruppo. Si desidera prevedere la sistemazione definitiva di collegamenti stessi e l'aggiun-

./.

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

MINISTERO DELLE POSTE E DELLE TELECOMUNICAZIONI
AZIENDA DI STATO PER I SERVIZI TELEFONICI

Roma, _____ 19__

Reparto _____ Ufficio _____

RISPOSTA AL N. _____

PROT. N. _____ ALLEGATI _____

DEL _____

OGGETTO: _____

ta di un pannello di marmo al quadro di manovra contenente sia il commutatore, sia gli apparecchi di misura.

b) A Siena potrà essere trasferito il gruppo elettrogeno della Stazione di Roma di maggiore potenza rispetto a quello di S. Secondo.

c) Per la Stazione di Bologna si desidera senz'altro prevedere l'installazione della seconda coppia di alimentatori (uno anodico ed uno catodico).

d) Qualora vi sia disponibilità, si desidera installare anche a Napoli due convertitori anodici da 130 V.

IL DIRETTORE DELL'AZIENDA.

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

OGGETTO: _____

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d) Qualora vi sia disponibilità, si desidera installare anche a Napoli due convertitori anodici da 130 V ⎓

IL DIRETTORE DELL'AZIENDA.

Bigiotteo

5566

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

file no T64

DRAFT SCHEME OF URGENT WORKS ON THE
NATIONAL TELEPHONE CABLE NETWORK APRIL 1946
(Prepared by Ing. Fariello as a result of a recent tour of stations)

1. As you know the National telephone network has been reactivated, after the wars' destruction, at many amplifier stations with emergency arrangements in accordance with immediate military necessities and with the availability at the moment.

It is therefore necessary and urgent to make a number of provisions in order to guarantee the functioning of the actual installations in the Stations, apart from the future replacement of the network that will be studied from new principles and will not be completed for some years.

It is moreover necessary to provide for the installation of some apparatus either in order to fulfil new requests of the Allied Military Command or to utilise for the civil traffic the full availability of circuits in cables.

It has been naturally the care of the Azienda in this programme to include these urgent provisions in the general principles that will hold in the future study for the total rebuilding of the network.

The plan is principally depending on the availability of the materials now under repair at Vimercate, new supplies being limited to accessory and installation materials and to a small quantity of apparatus.

The works to be carried out in each station are listed below.

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provisions in order to guarantee the functioning of the actual installations in the Stations, apart from the future replacement of the network that will be studied from new principles and will not be completed for some years.

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It has been naturally the care of the Azienda in this programme to include these urgent provisions in the general principles that will hold in the future study for the total rebuilding of the network.

The plan is principally depending on the availability of the materials now under repair at Vimercate, new supplies being limited to accessory and installation materials and to a small quantity of apparatus.

The works to be carried out in each station are listed below. It is pointed out that those works requested by the Allied Authorities have already been begun.

5865

2. Trieste Station

The accumulators are in course of repair. It is necessary to install a section with 10 ringers and 10 terminations type Bolotri provided from Vimercate and this installation has been urgently requested by the Allied Command. The motor converter for the feeding of the plate is missing and will be recovered from Udine.

100 %.

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

3. Udine Station

In accordance with the request of the Allied Command there are now in course of repairs 6 amplifiers, 4 wire, and 14 ringers and in course of installation 6 terminations of which two have been recovered from Padua and in course of repair and 4 are new. In course of provision are also the overhaul of the batteries, a motor generator of 12 Volts and one of 220 Volts. The test desk for direct current measurements has to be repaired and in the absence of the above, Station measurements on the cables will be made possible in the meantime by the provision of a new portable Wheatstone bridge.

At the same time as the above work, the exchange cables will be reconditioned in so far as is strictly necessary.

4. Noventa di Piave Station.

A rectified mains supply for anode and cathode is in operation floating on temporary batteries. No apparatus exist for the charge of these batteries which is done in a provisional way by the rectified mains supply. In case of any fault on the above mains units, the exchange will function for a period limited by the capacity of the relative battery. Provision is therefore being made for the installation of two other mains units one for the anode and one for the cathode.

5. Mestre Station

In accordance with the request of the Allied Authorities provision will be made for the installation of 10 four wire amplifiers type 32 and a 12 channels voice frequency telegraph system, and for the repair of two four wire amplifiers

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

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A rectified mains supply for anode and cathode is in operation floating on temporary batteries. No apparatus exist for the charge of these batteries which is done in a provisional way by the rectified mains supply. In case of any fault on the above mains units, the exchange will function for a period limited by the capacity of the relative battery. Provision is therefore being made for the installation of two other mains units one for the anode and one for the cathode.

5. Mestre Station

In accordance with the request of the Allied Authorities provision will be made for the installation of 10 four wire amplifiers type 32 and a 12 channels voice frequency telegraph system, and for the repair of two four wire amplifiers existing at the station. It is moreover necessary to install, on request of the Allied Authorities, a bay for terminations type 32 equipped with 10 terminations, which, as they are not available at Vimercate or in other centres, will be supplied new and a ringer bay with 10 ringers obtained from Vimercate.

5764

The installation of a level-measuring set which is at Vimercate, is required for measurements in the Station. Faulty voice frequency telegraph equipment will be removed to Vimercate for repair.

./.

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6. Padua Station.

In accordance with the request of Allied Command it is necessary to install a bay for ringers and terminations type Bolotru, three racks for amplifiers L equipped with 24 amplifiers and 8 temporary type terminations, the lot to be taken from Vimercate.

For the new requirements of the station it is necessary to substitute the existing mains unit 12 V. 70 A, with a more powerful one.

In addition, some racks of damaged equipment will be removed from this station and sent to Vimercate for repair.

7. Poggio Renatico Station

For the new circuits requested by the Allies in the station of Padua it is necessary to install two bays equipped with 12 four wire amplifiers type L available at Vimercate.

8. Camposanto and Ostiglia Stations.

In order to ensure the continuity of the service in case of interruptions of the external power supply, it is necessary to install at Ostiglia a second motor generator which will be recovered from Camposanto where one of the two motor generators now there existing is sufficient. With this motor generator will be transferred the relative accessories, and there will be installed also in Ostiglia two 120 V. batteries to be requested from the Allies.

In Ostiglia Station, the power wiring at present of a temporary nature, will be brought up to standard. For measurements on cables a portable Wheatstone bridge and a Megger will be provided at the station of Ostiglia.

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of Padua it is necessary to install two bays equipped [illegible] four wire amplifiers type L available at Vimercate.

8. Camposanto and Ostiglia Stations.

In order to ensure the continuity of the service in case of interruptions of the external power supply, it is necessary to install at Ostiglia a second motor generator which will be recovered from Camposanto where one of the two motor generators now there existing is sufficient. With this motor generator will be transferred the relative accessories, and there will be installed also in Ostiglia two 120 V. batteries to be requested from the Allies.

In Ostiglia Station, the power wiring at present of a temporary nature, will be brought up to standard. For measurements on cables a portable Wheatstone bridge and a Megger will be provided at the station of Ostiglia.

9. Ala Station,

In view of the installation shortly of the permanent Station, it is not thought advisable to proceed with the work of reactivation, although in case of interruption of the external network the continuity of the service would not be assured.

5563

10. Trento Station.

The Allies will be asked for a cathode battery to be used floating on the existing mains unit. Provision will also be made

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for the installation of a second mains unit available at Vimercate.

11. Bolzano Station.

The faulty cathode mains units at present installed in this station will be transferred to Vimercate for repair and meanwhile an auxiliary mains unit will be installed at Bolzano.

As the Exchanges of Bolzano and Trento have each got only one anode mains unit a new one will be provided as reserve for Bolzano and Trento stations.

12. Bologna Station.

The power supply of this station is assured by an anode mains unit and by a cathode unit, and by military type batteries.

Due to the importance of this exchange, a second anode mains unit and a second cathode mains unit will be added if these are available.

13. Modena Station.

For the constitution of 2 wire local circuits in the section Bologna Milano, there will be overhauled and cabled the 2 wire amplifiers and the 20 cycle ringers at present damaged.

At present the batteries of this station are installed in a place intended as living quarters for the personnel; as the batteries room (the original) in now rebuilt provision will be made to transfer the above said batteries to that room.

14. San Secondo Station.

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12. Bologna Station.

The power supply of this station is assured by an anode mains unit and by a cathode unit, and by military type batteries.

Due to the importance of this exchange, a second anode mains unit and a second cathode mains unit will be added if these are available.

13. Modena Station.

For the constitution of 2 wire local circuits in the section Bologna Milano, there will be overhauled and cabled the 2 wire amplifiers and the 20 cycle ringers at present damaged.

At present the batteries of this station are installed in a place intended as living quarters for the personnel; as the batteries room (the original) in now rebuilt provision will be made to transfer the above said batteries to that room.

14. San Secondo Station.

As the power supply is provided by two mains units, one anode, one cathode, it is thought advisable to install an engine generator (with alternator) to substitute the external network in case of a breakdown.

Such a set is now in course of repair for this Azienda. For its installation it will be necessary to build a special room beside the existing one where there is installed now an engine generator set with dynamo that will later be transferred to Siena.

For the constitution of local 2 wire circuits, two emergency racks for 2 wire amplifiers with relative voltage booster, now in operation at Montu, will be transferred to S. Secondo. If possible two spare mains units, one catodic and one anodic, will be supplied for the two stations of S. Secondo and Montù.

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15. Turin Station.

Because of the present shortage of equipment and in consideration of the recent reactivation of the cable Torino-Modane, it is necessary to install 16 four wire amplifiers, one ringer and termination bay and 10 two wire amplifiers.

The materials are all available at Vimercate except the circuit equipment for grid supply that will be supplied new.

16. Loiano Station.

It is intended that a mains supply be brought to this station as soon as possible. Later the possibility of ensuring the continuity of the service in the case of interruption of the network will be studied.

Meanwhile at Loiano, for technical reasons, only the circuits with carrier frequency channels will be amplified.

17. Florence Station.

As for the above stations, an anode and a cathode mains unit will be added as reserves to the two existing.

To increase the telegraph connections between Rome and Bologna equipment for a super audio channel Firenze Bologna and one Firenze Roma will be installed. Naturally the terminal equipment will be added in Bologna and in Rome too.

These equipments can be withdrawn from Vimercate.

18. Siena Station.

The power supply situation is precarious because there

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It is intended that a mains supply be [illegible]
as soon as possible. Later the possibility of ensuring the continuity of the service in the case of interruption of the network will be studied.

Meanwhile at Loiano, for technical reasons, only the circuits with carrier frequency channels will be amplified.

17. Florence Station.

As for the above stations, an anode and a cathode mains unit will be added as reserves to the two existing.

To increase the telegraph connections between Rome and Bologna equipment for a super audio channel Firenze Bologna and one Firenze Roma will be installed. Naturally the terminal equipment will be added in Bologna and in Rome too.

These equipments can be withdrawn from Vimercate.

18. Siena Station.

The power supply situation is precarious because there exists only a motor generator of poor efficiency for the charging of the batteries (anode) and motor generator for the charging of the cathode batteries.

5962

The motor generator for the charging of the A batteries, after overhaul has to be given back to the original station of Abbadia. It is therefore necessary to arrange for the station of Siena two motor generators for the charging of the cathode batteries while the motor generator intended for the charging of the B batteries will be taken from the station of Rome.

Actually a generating set exists with generator but, due to the system of supply of the exchange, a generating set with dynamo, will be installed, which, as abcve said, will be taken from the station of San Secondo.

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It is necessary to make an overhaul of and straighten out the cabling and to repair the two wire amplifier bay.

19. Abbadia Station.

For measurements on the circuits and on the equipment a portable apparatus will be supplied for transmission measurement. In the machine room two new 20 cycles ringers will be installed with relative connections.

20. Viterbo Station.

The machine room will be completely put in order, replacing the second A generator as soon as this will be available in Rome.

Provision will be made moreover for bringing the cabling into good order.

21. Rome Station.

To bring the station up to standard power supply will be provided by the supply of two A generators, one B, generator, and two 20 cycle ringers. In view of the present lack of cathode supply there will be transferred from Brindisi to Rome two mains units, supplying the station of Brindisi instead with one or two rectifiers for charging the cathode batteries. In Rome it is also necessary to bring the cabling into good condition.

The overhaul of the batteries will be carried out shortly. Because of the present lack of measuring apparatus a level-measuring set at Vimercate will be withdrawn and repaired.

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The machine room will be completely put in order, replacing the second A generator as soon as this will be available in Rome.

Provision will be made moreover for bringing the cabling into good order.

21. Rome Station.

To bring the station up to standard power supply will be provided by the supply of two A generators, one B, generator, and two 20 cycle ringers. In view of the present lack of cathode supply there will be transferred from Brindisi to Rome two mains units, supplying the station of Brindisi instead with one or two rectifiers for charging the cathode batteries. In Rome it is also necessary to bring the cabling into a good condition.

The overhaul of the batteries will be carried out shortly. Because of the present lack of measuring apparatus a level-measuring set at Vimercate will be withdrawn and repaired.

22. Ferrentino and Mignano Stations.

For each station ~~it~~ will be ~~get an~~ obtained a new apparatus for measurements. ~~of new supplying~~. It will be advisable to send a rectifier for the charging of the cathodic batteries to ~~withdraw~~ be obtained from among these at disposition of the Azienda.

23. Naples Station

It is necessary to install a second cathode mains unit now in course of repair in Naples.

It is moreover necessary to extend the installation of voice frequency telegraphs in accordance with urgent requests received from the 6 SERVICE, extending from 6 to 8 channels

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the second system Naples-Rome, from 12 to 18 the system Naples-Bari and from 9 to 12 the system Naples-Catania. The apparatus concerned will be obtained from Vimercate.

24. Bari Station.

There will be installed two channels for V.F. telegraphs, to complete from 16 to 18 the existing system.

25. Calabrie Stations.

In the section Lagonegro-Reggio C. exists an availability of circuits that can not be utilised for lack of station equipment with serious effect on the civil traffic.

In order to limit those equipments to strict necessity, it has been decided to instal as a first step the following equipment:

(a) Lagonegro Station.

12 amplifiers, to be obtained from Vimercate.

(b) Castrovillari Station

12 four wire amplifiers to be obtained at Vimercate

1 new portable apparatus for the measurement of transmission that will substitute the existing measuring apparatus to be restored to the original station of R. Calabria.

5859

In this station it will be necessary to install two filament batteries which will be requested from the Allied Authorities and a rectifier for the charging of these batteries already in possession of the Azienda.

(c) Cosenza Station.

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25. Calabrie Stations.

In the section Lagonegro-Reggio C. exists an availability of circuits that can not be utilised for lack of station equipment with serious effect on the civil traffic.

In order to limit those equipments to strict necessity, it has been decided to instal as a first step the following equipment:

(a) Lagonegro Station.

12 amplifiers, to be obtained from Vimercate.

(b) Castrovillari Station

12 four wire amplifiers to be obtained at Vimercate

1 new portable apparatus for the measurement of transmission that will substitute the existing measuring apparatus to be restored to the original station of R. Calabria.

5950

In this station it will be necessary to install two filament batteries which will be requested from the Allied Authorities and a rectifier for the charging of these batteries already in possession of the Azienda.

(c) Cosenza Station.

15 four wire amplifiers

6 termination

6 ringers

All the above to be obtained at Vimercate

To bring the machine room up to date will be installed a new 500 cycles generator.

(d) Tiriolo Station.

12 four wire amplifiers

8 ringers.

8 terminations.

All the above to be obtained from Vimercate.

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(e) Vibo Valentia Station.

12 four wire amplifiers to be obtained from Vimercate.

(f) R. Calabria Station.

15 four wire amplifiers.

4 terminations.

3 ringers.

All above to be obtained at Vimercate.

It is moreover necessary to include a new 500 cycle ringer.

26. Sicily Stations.

(a) Mili Marina Station

This station is badly damaged and its repair requires the total rebuilding of the rooms, machines and batteries now functioning, alone with emergency arrangements.

In accordance with the nature of the present programme it is thought advisable that this reactivation be considered in part only.

In this centre the overhaul of the cabling and the addition of a bay of four wire amplifiers, a ringer bay to be obtained from Vimercate, and a new 500 cycles ringer.

5858

(b) Catania Station.

Two cathode batteries are in process of installation in substitution of the temporary existing military type.

Provision has been made to add a bay of ringers, a system of voice frequency telegraphs of 6 channels to Palermo, and 3 voice frequency telegraphs channels for the extension from 9 to 12 of the channels now existing bet-

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(a) Kili Marina Station

This station is badly damaged and its repair requires the total rebuilding of the rooms, machines and batteries now functioning, alone with emergency arrangements.

In accordance with the nature of the present programme it is thought advisable that this reactivation be considered in part only.

In this centre the overhaul of the cabling and the addition of a bay of four wire amplifiers, a ringer bay to be obtained from Vimercate, and a new 500 cycles ringer.

5858

(b) Catania Station.

Two cathode batteries are in process of installation in substitution of the temporary existing military type.

Provision has been made to add a bay of ringers, a system of voice frequency telegraphs of 6 channels to Palermo, and 3 voice frequency telegraphs channels for the extension from 9 to 12 of the channels now existing between Canatania and Naples. 6 oscillators for the generation of carrier frequencies (telegraph) now installed at Catania will be recovered and transferred to Palermo. The materials for the new installation can be withdrawn from Vimercate.

(c) Palermo Station.

6 telegraph channels which can be recovered from Vimercate, and a new 500 cycles ringing machine, will be installed.

It is moreover necessary to put in order the connections of the B battery with new wires, the existing connections being of a temporary nature.

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27. The present program must not be considered as a final and inalterable one because it may be changed following the various situations that arise during the works.

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file in T64

NOTES ON MEETING OF 27 APRIL

Present: Self, Ingrs. Bifulco, Fariello.

Items:

(1) Udine: Repairs to 6 4w amplifiers done.
4 new amplifiers fitted (4w)
Repair of 14 - 500/20 Ringers finished.
6 terminations (4w) finished. Transformers ~~used~~ 2w terms for more.

(2) Mestre: 6 instead of 10 amplifiers (4w) in course of installation (rest at Mestre)
12 ch. VFT in course of installation.
2-4w amplifiers in course of repair
12 - Terms to be bought
12 - 500/20 Ringers repaired at Vimercate.

(3) Padova: 18 - Terms, new (were ordered 2 weeks ago and should be ready 2 weeks hence)
24 Amplifiers (4w) (Only 3 spare at present).

(4) Poggio Renatico: 12 Amplifiers (4w)

(5) Trieste: 10 - Terminations (4w) } To be installed.
10 - Ringers 500/20 }
10 - 4w Amplifiers to be added }

All above items (1) to (5) are in hand now or will be started almost immediately.

(6) Naples: Italians afraid new board, installed in military room, will not be permitted to operate military. This will be serious as board will be finished end of May and old board is wanted urgently for Palermo.
Done 29/4/46
Will refer matter to AFHQ for permission to operate.

50356

(7) Rome - Naples: Permission wanted to change an 88MH-4w cct two 2-w ccts. No civil ccts are 88 MH 50 may have to change a civil for a military unless military will agree to the split.
Answered verbally 29/4/46

Lt. Col. HTW. MILLAR
Royal Sigs.
Deputy Director.

Subject:- Allocation and Maintenance Responsibilities -
Hand-over to U.S.T. of State Cables in N.W. ITALY.

Allied Force Headquarters
Long Lines Liaison Office,
R O M E

Tel. No. ROME 470216

413.4/13

16 Apr 46

TO : AS PER DISTRIBUTION.

1. W.e.f. 24 Apr 46 responsibility for circuit allocation on the following State U/G Cables in N.W. ITALY will be handed over to the UST :-

BOLOGNA - CASTEGGIO
CASTEGGIO - MILAN Cables I and II
CASTEGGIO - S. GIULIANO Cables I and II
S. GIULIANO - GENOA Cables I and II
S. GIULIANO - TURIN
TURIN - MODANE
MILAN - GELASSO

2. With the exception of the BOLOGNA - CASTEGGIO cable (controlled by this office), responsibility for circuit allocation on the remaining cable sections is presently performed by AGIENZA DI STATO personnel at MILAN under the direction of CSO 2 District. On and after 24 Apr 46, no circuit changes will be made on the cable sections listed above without the authority of a TOC (CCI) issued by the UST or by this office.

5855

3. The responsibilities of Military Fault and Maintenance Control officers attached by this headquarters, will be modified as directed in this office letters of even reference dated 30 Jan and 11 Feb 46.

4. Attached at Appendix "A" to this letter is a list of military circuits which require priority restrude attention over the facilities being taken over by the UST.

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AMZON/5

16 Apr 46

TO : AS PER DISTRIBUTION.

1. W.e.f. 24 Apr 46 responsibility for circuit allocation on the following State U/G Cables in N.W. ITALY will be handed over to the UST :-

BOLOGNA - CASTEGGIO
CASTEGGIO - MILAN Cables I and II
CASTEGGIO - S. GIULIANO Cables I and II
S. GIULIANO - GENOA Cables I and II
S. GIULIANO - TURIN
TURIN - MODANE
MILAN - CHIASSO

2. With the exception of the BOLOGNA - CASTEGGIO cable (controlled by this office), responsibility for circuit allocation on the remaining cable sections is presently performed by ALLIED HQ SERVICE personnel at MILAN under the direction of CSO 2 District. On and after 24 Apr 46, no circuit changes will be made on the cable sections mentioned above without the authority of a TOO (GHQ) issued by the UST or by this office.

3. The responsibilities of Military Track and Maintenance Control officers affected by this handover, will be modified as directed in this office letters of even reference dated 30 Jan and 12 Feb 46.

4. Attached at appendix "A" to this letter is a list of military circuits which require priority re-route arrangements over the facilities being taken over by the UST.

5. Director UST will issue instructions accordingly, to the Regional Directors at BOLOGNA and MILAN, with copy to this office.

Director
D/Director
Chief Comms
Chief Public
C & Q Comms O
Asst Chief Posts
Censorship
Chief Clerk

C.C.S.
F.E.S.
FILE
T.G.4
B, Two

Date 18 APR 1946

FRT/KRJ.

Brigadier,
Chief Signal Officer.

DISTRIBUTION / ..... See Sheet "2"

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DISTRIBUTION

DISTRIBUTION:-

ACTION:- CSO 2 District
OC 'C' Independent L of C Signal Coy.
OC 'D' " " " "
OIC BOLOGNA Fault Control (with 10 copies of Appendix "A")
OIC MILAN Maintenance Control (" " " " ")
Director, N.S.F. (4 copies - one for Ministry of P & T)

INFO :- CSO AFHQ
CSO 13 Corps
CSO 3 District
Signal Officer, PBS
Signal Officer, NAAC
Major R.S. BURNS, MBE, c/o Signal Office, 2 District
Director, Comms Sub-Commission, AC A.C.
Major HOLLAND, A.C. Liaison Officer c/o CSO 2 District
OC 2 GHQ Signals
OC 11 L of C Signals
OIC NAPLES Fault Control
OIC ROME " "
OIC FLORENCE " "
OIC ANCONA " "
OIC CASERTA Maintenance Control

Appendix "A" to AFHQ Long Lines Liaison
Office Letter MLL/13 dated 15 Apr 44

Circuits which should be re-routed, if possible, if for any reason they are likely to remain out of service for more than two hours.

Designation	No. of Cccts in group.	No. of Cccts to be given restoration.	Remarks

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OIC BOLOGNA Fault Control (w.ref 10 copies of Appendix "A"
OIC MILAN Maintenance Control (" " " " ")
Director, U.S.T. (4 copies - one for Library of P & T)

INFO :- CSO AFHQ
CSO 15 Corps
CSO 5 District
Signal Officer, PBS
Signal Officer, PAOC
Major B.S. BURNS, ME, c/o Signal Office, 2 District
Director, Comms Sub-Commission, MG A.C.
Major ROLAND, A.C. Liaison Officer c/o CSO 2 District
OC 2 (AK) Signals
OC 14 L of C Signals
OIC HARLES Fault Control
OIC ROME " "
OIC FLORENCE " "
OIC ANCONA " "
OIC CASERTA Maintenance Control.

Appendix "A" to AFHQ Long Lines Liaison
Office letter A15 L/11 dated 16 Apr 45.

Circuits which should be rerouted, if possible, if for any reason they are likely to remain out of service for more than two hours.

Designation	No. of Cots in service.	No. of Cots to be given priority.	Remarks
BOLOGNA LD - MILAN LD	7	2	
PRESTON - MILAN LD	4	1	2 cots routed FL - GE - M.
15 Corps - MILAN LD	3	1	
RAF BOLO - F/O LIRNATE A/F	1	1	
GENOA LOO - MILAN LD	2	1	
TURIN LOO - MILAN LD	2	1	

NOTE:- VHF systems. Engineering and Fault Control circuits are not shown since these are included automatically as priority circuits.

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DRAFT SCHEME OF URGENT WORKS ON THE
NATIONAL TELEPHONE CABLE NETWORK APRIL 1946
(Prepared by Ing. Fariello as a result of a recent tour of stations)

1. As you know the National telephone network has been reactivated, after the wars' destruction, at many amplifier stations with emergency arrangements in accordance with immediate military necessities and with the availability at the moment.

It is therefore necessary and urgent to make a number of provisions in order to guarantee the functioning of the actual installations in the Stations, apart from the future replacement of the network that will be studied from new principles and will not be completed for some years.

It is moreover necessary to provide for the installation of some apparatus either in order to fulfil new requests of the Allied Military Command or to utilise for the civil traffic the full availability of circuits in cables.

It has been naturally the care of the Azienda in this programme to include these urgent provisions in the general principles that will hold in the future study for the total rebuilding of the network.

The plan is principally depending on the availability of the materials now under repair at Vimercate, new supplies being limited to accessory and installation materials and to a small quantity of apparatus.

The works to be carried out in each station are listed below. It is pointed out that those works requested by the Allied Autho-

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installations in the Stations, apart from the future replacement of the network that will be studied from new principles and will not be completed for some years.

It is moreover necessary to provide for the installation of some apparatus either in order to fulfil new requests of the Allied Military Command or to utilise for the civil traffic the full availability of circuits in cables.

It has been naturally the care of the Azienda in this programme to include these urgent provisions in the general principles that will hold in the future study for the total rebuilding of the network.

The plan is principally depending on the availability of the materials now under repair at Vimercate, new supplies being limited to accessory and installation materials and to a small quantity of apparatus.

The works to be carried out in each station are listed below. It is pointed out that those works requested by the Allied Authorities have already been begun. 595/

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2. Trieste Station

The accumulators are in course of repair. It is necessary to install a section with 10 ringers and 10 terminations type Bolotri provided from Vimercate and this installation has been urgently requested by the Allied Command. The motor converter for the feeding of the plate is missing and will be recovered from Udine.

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3. Udine Station

In accordance with the request of the Allied Command there are now in course of repairs 6 amplifiers, 4 wire, and 14 ringers and in course of installation 6 terminations of which two have been recovered from Padua and in course of repair and 4 are new. In course of provision are also (a) the overhaul of the batteries, (b) a motor generator of 12 Volts and one of 220 Volts. The test desk for direct current measurements has to be repaired and in the absence of the above Station measurements on the cables will be made possible in the meantime by the provision of a new portable Wheatstone bridge.

At the same time as the above work, the exchange cables will be reconditioned in so far as is strictly necessary.

4. Noventa di Piave Station.

A rectified mains supply for anode and cathode is in operation floating on temporary batteries. No apparatus exist for the charge of these batteries which is done in a provisional way by the rectified mains supply. In case of any fault on the above mains units, the exchange will function for a period limited by the capacity of the relative battery. Provision is therefore being made for the installation of two other mains units one for the anode and one for the cathode.

5. Mestre Station

In accordance with the request of the Allied Authorities provision will be made for the installation of 10 four wire amplifiers type 32 and a 12 channels voice frequency telegraph

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At the same time as the above work, the exchange cables will be reconditioned in so far as is strictly necessary.

4. Noventa di Piava Station.

A rectified mains supply for anode and cathode is in operation floating on temporary batteries. No apparatus exist for the charge of these batteries which is done in a provisional way by the rectified mains supply. In case of any fault on the above mains units, the exchange will function for a period limited by the capacity of the relative battery. Provision is therefore being made for the installation of two other mains units one for the anode and one for the cathode.

5. Mestre Station

In accordance with the request of the Allied Authorities provision will be made for the installation of 10 four wire amplifiers type 32 and a 12 channels voice frequency telegraph system, and for the repair of two four wire amplifiers existing at the station. It is moreover necessary to install, on request of the Allied Authorities, a bay for terminations type 32 equipped with 10 terminations, which, as they are not available at Vimercate or in other centres, will be supplied new and a ringer bay with 10 ringers obtained from Vimercate.

5853

The installation of a level-measuring set which is at Vimercate, is required for measurements in the Station. Faulty voice frequency telegraph equipment will be removed to Vimercate for repair.

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6. Padua Station.

In accordance with the request of Allied Command it is necessary to install a bay for ringers and terminations type Bolotru, three racks for amplifiers L equipped with 24 amplifiers and 8 temporary type terminations, the lot to be taken from Vimercate.

For the new requirements of the station it is necessary to substitute the existing mains unit 12 V. 70 A, with a more powerful one.

In addition, some racks of damaged equipment will be removed from this station and sent to Vimercate for repair.

7. Pogmio Renatico Station

For the new circuits requested by the Allies in the station of Padua it is necessary to install two bays equipped with 12 four wire amplifiers type L available at Vimercate.

8. Camposanto and Ostiglia Stations.

In order to ensure the continuity of the service in case of interruptions of the external power supply, it is necessary to install at Ostiglia a second motor generator which will be recovered from Camposanto where one of the two motor generators now there existing is sufficient. With this motor generator will be transferred the relative accessories, and there will be installed also in Ostiglia two 120 V. batteries to be requested from the Allies.

In Ostiglia Station, the power wiring at present of a temporary nature, will be brought up to standard. For measurements on cables a portable Wheatstone bridge and a Megger will be provided at the station of Ostiglia.

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7. Poggio Renatico Station

For the new circuits requested by the Allies in the station of Padua it is necessary to install two bays equipped with 12 four wire amplifiers type L available at Vimercate.

8. Camposanto and Ostiglia Stations.

In order to ensure the continuity of the service in case of interruptions of the external power supply, it is necessary to install at Ostiglia a second motor generator which will be recovered from Camposanto where one of the two motor generators now there existing is sufficient. With this motor generator will be transferred the relative accessories, and there will be installed also in Ostiglia two 120 V. batteries to be requested from the Allies.

In Ostiglia Station, the power wiring at present of a temporary nature, will be brought up to standard. For measurements on cables a portable Wheatstone bridge and a Megger will be provided at the station of Ostiglia.

9. Ala Station,

In view of the installation shortly of the permanent Station, it is not thought advisable to proceed with the work of reactivation, although in case of interruption of the external network the continuity of the service would not be assured.

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10. Trento Station.

The Allies will be asked for a cathode battery to be used floating on the existing mains unit. Provision will also be made

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for the installation of a second mains unit available at Vimercate.

11. Bolzano Station.

The faulty cathode mains units at present installed in this station will be transferred to Vimercate for repair and meanwhile an auxiliary mains unit will be installed at Bolzano.

As the Exchanges of Bolzano and Trento have each got only one anode mains unit a new one will be provided as reserve for Bolzano and Trento stations.

12. Bologna Station.

The power supply of this station is assured by an anode mains unit and by a cathode unit, and by military type batteries.

Due to the importance of this exchange, a second anode mains unit and a second cathode mains unit will be added if these are available.

13. Modena Station.

For the constitution of 2 wire local circuits in the section Bologna Milano, there will be overhauled and cabled the 2 wire amplifiers and the 20 cycle ringers at present damaged.

At present the batteries of this station are installed in a place intended as living quarters for the personnel; as the batteries room (the original) in now rebuilt provision will be made to transfer the above said batteries to that room.

14. San Secondo Station.

As the power supply is provided by two mains units, one anode, one cathode, it is thought advisable to install an engine generator

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The power supply of this station is effected by [illegible] unit and by a cathode unit, and by military type batteries.

Due to the importance of this exchange, a second anode mains unit and a second cathode mains unit will be added if these are available.

13. Modena Station.

For the constitution of 2 wire local circuits in the section Bologna Milano, there will be overhauled and cabled the 2 wire amplifiers and the 20 cycle ringers at present damaged.

At present the batteries of this station are installed in a place intended as living quarters for the personnel; as the batteries room (the original) in now rebuilt provision will be made to transfer the above said batteries to that room.

14. San Secondo Station.

As the power supply is provided by two mains units, one anode, one cathode, it is thought advisable to install an engine generator (with alternator) to substitute the external network in case of a breakdown.

Such a set is now in course of repair for this Azienda. For its installation it will be necessary to build a special room beside the existing one where there is installed now an engine generator set with dynamo that will later be transferred to Siena.

For the constitution of local 2 wire circuits two emergency racks for 2 wire amplifiers with relative voltage booster, now in operation at Montu, will be transferred to S. Secondo. If possible two spare mains units, one catodic and one anodic, will be supplied for the two stations of S. Secondo and Montù.

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15. Turin Station.

Because of the present shortage of equipment and in consideration of the recent reactivation of the cable Torino-Modane, it is necessary to install 16 four wire amplifiers, one ringer and termination bay and 10 two wire amplifiers.

The materials are all available at Vimercate except the circuit equipment for grid supply that will be supplied new.

16. Loiano Station.

It is intended that a mains supply be brought to this station as soon as possible. Later the possibility of ensuring the continuity of the service in the case of interruption of the network will be studied.

Meanwhile at Loiano, for technical reasons, only the circuits with carrier frequency channels will be amplified.

17. Florence Station.

As for the above stations, an anode and a cathode mains unit will be added as reserves to the two existing.

To increase the telegraph connections between Rome and Bologna equipment for a super audio channel Firenze Bologna and one Firenze Roma will be installed. Naturally the terminal equipment will be added in Bologna and in Rome too.

These equipments can be withdrawn from Vimercate.

18. Siena Station.

The power supply situation is precarious because there exists only a motor generator of poor efficiency for the charging of the batteries (anode) and motor generator for the charging of

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will be studied.

Meanwhile at Loiano, for technical reasons, only the circuits with carrier frequency channels will be amplified.

17. Florence Station.

As for the above stations, an anode and a cathode mains unit will be added as reserves to the two existing.

To increase the telegraph connections between Rome and Bologna equipment for a super audio channel Firenze Bologna and one Firenze Roma will be installed. Naturally the terminal equipment will be added in Bologna and in Rome too.

These equipments can be withdrawn from Vimercate.

18. Siena Station.

The power supply situation is precarious because there exists only a motor generator of poor efficiency for the charging of the batteries (anode) and motor generator for the charging of the cathode batteries.

The motor generator for the charging of the A batteries, after overhaul has to be given back to the original station of Abbadia. It is therefore necessary to arrange for the station of Siena two motor generators for the charging of the cathode batteries while the motor generator intended for the charging of the B batteries will be taken from the station of Rome.

Actually a generating set exists with generator but, due to the system of supply of the exchange, a generating set with dynamo, will be installed, which, as above said, will be taken from the station of San Secondo.

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It is necessary to make an overhaul of and straighten out the cabling and to repair the two wire amplifier bay.

19. Abbadia Station.

For measurements on the circuits and on the equipment a portable apparatus will be supplied for transmission measurement. In the machine room two new 20 cycles ringers will be installed with relative connections.

20. Viterbo Station.

The machine room will be completely put in order, replacing the second A generator as soon as this will be available in Rome.

Provision will be made moreover for bringing the cabling into good order.

21. Rome Station.

To bring the station up to standard power supply will be provided by the supply of two A generators, one B, generator, and two 20 cycle ringers. In view of the present lack of cathode supply there will be transferred from Brindisi to Rome two mains units supplying the station of Brindisi instead with one or two rectifiers for charging the cathode batteries. In Rome it is also necessary to bring the cabling into good condition.

The overhaul of the batteries will be carried out shortly. Because of the present lack of measuring apparatus a level-measuring set at Vimercate will be withdrawn and repaired.

22. Ferrentino and Mignago Stations.

For each station it will be obtained a new

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The machine room will be completely put in order, replacing the second A generator as soon as this will be available in Rome.

Provision will be made moreover for bringing the cabling into good order.

21. Rome Station.

To bring the station up to standard power supply will be provided by the supply of two A generators, one B, generator, and two 20 cycle ringers. In view of the present lack of cathode supply there will be transferred from Brindisi to Rome two mains units supplying the station of Brindisi instead with one or two rectifiers for charging the cathode batteries. In Rome it is also necessary to bring the cabling into good condition.

The overhaul of the batteries will be carried out shortly. Because of the present lack of measuring apparatus a level-measuring set at Vimercate will be withdrawn and repaired.

22. Ferrentino and Mignago Stations.

For each station ~~it~~ will be ~~get an~~ obtained a new apparatus for measurements. ~~of new supplying.~~ It will be advisable to send a rectifier for the charging of the cathodic batteries to ~~military~~ be obtained from among those at disposition of the Azienda.

23. Naples Station

It is necessary to install a second cathode mains unit now in course of repair in Naples.

It is moreover necessary to extend the installation of voice frequency telegraphs in accordance with urgent requests received from the 6 SERVICE, extending from 6 to 8 channels

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the second system Naples-Rome, from 12 to 18 the system Naples-Bari and from 9 to 12 the system Naples-Catania. The apparatus concerned will be obtained from Vimercate.

24. Bari Station.

There will be installed two channels for V.F. telegraphs, to complete from 16 to 18 the existing system.

25. Calabrie Stations.

In the section Lagonegro-Reggio C. exists an availability of circuits that can not be utilised for lack of station equipment with serious effect on the civil traffic.

In order to limit those equipments to strict necessity, it has been decided to instal as a first step the following equipment:

(a) Lagonegro Station.

12 amplifiers, to be obtained from Vimercate.

(b) Castrovillari Station

12 four wire amplifiers to be obtained at Vimercate

1 new portable apparatus for the measurement of transmission that will substitute the existing measuring apparatus to be restored to the original station of R. Calabria.

In this station it will be necessary to install two filament batteries which will be requested from the Allied Authorities and a rectifier for the charging of these batteries already in possession of the Azienda.

(c) Cosenza Station.

15 four wire amplifiers

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ment with serious effect on the civil traffic.

In order to limit those equipments to strict necessity, it has been decided to instal as a first step the following equipment:

(a) Lagonegro Station.

12 amplifiers, to be obtained from Vimercate.

(b) Castrovillari Station

12 four wire amplifiers to be obtained at Vimercate

1 new portable apparatus for the measurement of transmission that will substitute the existing measuring apparatus to be restored to the original station of R. Calabria.

In this station it will be necessary to install two filament batteries which will be requested from the Allied Authorities and a rectifier for the charging of these batteries already in possession of the Azienda.

(c) Cosenza Station.

15 four wire amplifiers

6 termination

6 ringers

All the above to be obtained at Vimercate 5915

To bring the machine room up to date will be installed a new 500 cycles generator.

(d) Tiriolo Station.

12 four wire amplifiers

8 ringers.

8 terminations.

All the above to be obtained from Vimercate.

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(e) Vibo Valentia Station.

12 four wire amplifiers to be obtained from Vimercate.

(f) R. Calabria Station.

15 four wire amplifiers.

4 terminations.

3 ringers.

All above to be obtained at Vimercate.

It is moreover necessary to include a new 500 cycle ringer.

26. Sicily Stations.

(a) Mili Marina Station

This station is badly damaged and its repair requires the total rebuilding of the rooms, machines and batteries now functioning, alone with emergency arrangements.

In accordance with the nature of the present programme it is thought advisable that this reactivation be considered in part only.

In this centre the overhaul of the cabling and the addition of a bay of four wire amplifiers, a ringer bay to be obtained from Vimercate, and a new 500 cycles ringer.

(b) Catania Station.

Two cathode batteries are in process of installation in substitution of the temporary existing military type.

Provision has been made to add a bay of ringers a system of voice frequency telegraphs of 6 channels to Palermo and 3 voice frequency telegraphs channels for the extension from 9 to 12 of the channels now existing between Canatania and Naples. 6 oscillators for the generation

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(a) Naval Marine Station

This station is badly damaged and its repair requires the total rebuilding of the rooms, machines and batteries now functioning, alone with emergency arrangements.

In accordance with the nature of the present programme it is thought advisable that this reactivation be considered in part only.

In this centre the overhaul of the cabling and the addition of a bay of four wire amplifiers, a ringer bay to be obtained from Vimercate, and a new 500 cycles ringer.

(b) Catania Station.

Two cathode batteries are in process of installation in substitution of the temporary existing military type.

Provision has been made to add a bay of ringers a system of voice frequency telegraphs of 6 channels to Palermo and 3 voice frequency telegraphs channels for the extension from 9 to 12 of the channels now existing between Canatania and Naples. 6 oscillators for the generation of carrier frequencies (telegraph) now installed at Catania will be recovered and transferred to Palermo. The materials for the new installation can be withdrawn from Vimercate.

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(c) Palermo Station.

6 telegraph channels which can be recovered from Vimercate, and a new 500 cycles ringing machine, will be installed.

It is moreover necessary to put in order the connections of the B battery with new wires, the existing connections being of a temporary nature.

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27. The present program must not be considered as a final and inalterable one because it may be changed following the various situations that arise during the works.

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Translate

File T64

PIANO DI MASSIMA DEI LAVORI DI MAGGIORE URGENZA SULLA RETE TELEFONICA NAZIONALE IN CAVO

Handed to me by Brigadier aprile 1946 Horton

Come noto, la sistemazione della rete telefonica nazionale dopo le distruzioni belliche è stata effettuata, per molte stazioni amplificatrici, con riassetti a carattere di emergenza secondo le immediate necessità di carattere militare e le disponibilità del momento.

E' pertanto necessario ed urgente adottare tutta una serie di provvedimenti al fine di garantire il funzionamento degli attuali impianti nelle Stazioni e ciò a prescindere dal futuro riassetto della rete che potrà essere studiato con nuovi criteri e compiuto non prima di alcuni anni.

E' inoltre necessario provvedere alla installazione di alcune apparecchiature, sia per rispondere a nuove richieste del Comando Militare Alleato, sia per poter utilizzare a vantaggio del traffico civile l'attuale disponibilità di circuiti nei cavi.

Naturalmente è stata cura di questa Azienda, in questo prospetto, inquadrare questi provvedimenti urgenti nei criteri di massima che devono guidare lo studio della ricostruzione integrale della rete.

Il piano di cui trattasi si basa essenzialmente sulla disponibilità di materiali attualmente in riparazione a Vimercate, essendo la nuova fornitura limitata ai materiali accessori e di installazione ed a poche apparecchiature.

Ciò premesso, vengono elencati qui di seguito i lavori da effettuarsi nelle singole Stazioni, con l'avvertenza che si è già dovuto dare inizio ai lavori richiesti dalle Autorità Alleate.- 3845

STAZIONE DI TRIESTE

E' in corso la revisione delle batterie di accumulatori. Occorre installare una sezione con 10 convertitori di chiamata e 10 forchette di tipo Dolotri da prelevare a Vimercate, installazione sollecitata dal Comando Alleato.

Manca attualmente il gruppo convertitore per l'alimentazione di placca che verrà ricuperato a Udine.

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STAZIONE DI UDINE

Secondo la richiesta del Comando Alleato sono attualmente in riparazione 6 amplificatori a 4 fili e 14 convertitori di chiamata ed in via di installazione 6 forchette terminali di cui due ricuperate a Padova e attualmente in riparazione e 4 di nuova fornitura.

Si sta provvedendo inoltre alla revisione delle batterie, di un gruppo convertitore a 12 V. ed uno a 220 V.

Occorre provvedere alla riparazione del tavolo per misure a c.c. e non potendo attualmente la predetta Stazione effettuare misure sui cavi si fornirà nel frattempo un nuovo ponte di Wheatstone portatile.

In occasione di questi lavori verranno anche sistemati i cablaggi di centrale per la parte strettamente necessaria.-

CENTRALE DI MOVENTA DI PIAVE

Attualmente sono in opera un alimentatore anodico ed uno catodico funzionanti in tampone ciascuno su una batteria provvisoria. Non esistono apparecchiature per la carica delle batterie stesse, la quale viene effettuata in via provvisoria con gli stessi alimentatori. In caso di guasto di uno dei predetti alimentatori la Centrale può funzionare per un periodo limitato alla scarsa capacità della relativa batteria. Si prevede pertanto l'installazione di due altri alimentatori, uno anodico e uno catodico.-

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STAZIONE DI MESTRE

Dietro richiesta delle Autorità Alleate si provvederà all'installazione di 10 amplificatori a 4 fili tipo 32 e un sistema a 12 canali per telegrafia armonica ed alla riparazione di due amplificatori a 4 fili esistenti nella Stazione. Occorre inoltre installare, sempre su richiesta delle Autorità Alleate, una sezione per forchette di tipo 32 equipaggiata con 10 forchette che, non essendo disponibile a Vimercate ne prelevabile da altre Centrali, sarà di nuova fornitura e una sezione convertitori di chiamata con 10 convertitori prelevata a Vimercate.

Per poter effettuare le misure in Centrale si richiede inoltre l'installazione di un livellógrafo giacente a Vimercate.

In questa Stazione verranno ricuperate e trasferite a Vimercate per la riparazione, le apparecchiature di telegrafia armonica deteriorate, attualmente sul posto.

STAZIONE DI PADOVA

Su richiesta del Comando Alleato occorre installare una sezione per convertitori di chiamata e forchette di tipo Bolotri, tre telai per amplificatori L equipaggiati complessivamente con 24 amplificatori e 8 forchette provvisorie, il tutto prelevabile a Vimercate.

Per fronteggiare le nuove esigenze della Stazione occorre inoltre

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sostituire l'esistente alimentatore 12 V. 70 A. con altre di maggiore potenza.

Anche in questa Stazione verranno ricuperati e trasferiti a Vimercate per la riparazione alcuni telai di apparecchiature danneggiati.

STAZIONE DI POGGIO RENATICO

Per i nuovi circuiti richiesti dagli Alleati nella Stazione di Padova, occorre installare due sezioni equipaggiate complessivamente con 12 amplificatori a 4 fili di tipo L prelevabili a Vimercate.-

STAZIONI DI CAMPOSANTO E OSTIGLIA

Per assicurare la continuità del servizio in caso di interruzioni della rete esterna di energia, occorre installare a Ostiglia un secondo gruppo convertitore che verrà ricuperato a Camposanto ove è sufficiente uno solo dei due gruppi oggi esistenti. Insieme ai gruppi verranno trasferiti i relativi organi accessori mentre si provvederà alla installazione in Ostiglia di due batterie 120 V. che saranno richieste dagli Alleati.

Nella Stazione di Ostiglia verranno sistemati anche i collegamenti di energia attualmente in fili volanti.

Per le misure sui cavi verrà infine fornito un ponte di Wheatstone portatile e un Megger alla Stazione di Ostiglia.-

STAZIONE DI ALA

In previsione dell'imminente montaggio della Stazione definitiva non si ritiene di dover procedere a lavori di sistemazione pur osservando che attualmente, in caso di interruzione della rete esterna, la continuità del servizio non è assicurata.

CENTRALE DI TRENTO

Sarà richiesta agli Alleati una batteria catodica per l'esercizio in tampone col relativo alimentatore esistente in Centrale.

Sarà inoltre provveduto all'installazione di un secondo alimentatore da prelevare a Vimercate.

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STAZIONE DI BOLZANO

Gli alimentatori catodici guasti, attualmente in opera in questa Stazione verranno trasferiti a Vimercate per la riparazione e nel frattempo sarà installato a Bolzano un'alimentatore di soccorso.

Poichè le Centrali di Bolzano e di Trento sono munite ciascuna di un solo alimentatore anodico, si prevede un nuovo alimentatore anodico che servirà, di riserva per questa Stazione e per quella di Trento.-

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STAZIONE DI BOLOGNA

L'alimentazione di questa stazione è assicurata da un alimentatore anodico e da uno catodico nonchè da batterie di tipo militare.

Stante l'importanza di questa Centrale qualora ci siano disponibilità verranno aggiunti un secondo alimentatore anodico e un secondo alimentatore catodico.

STAZIONE DI MODENA

Per la costituzione di circuiti a 2 fili locali nel tratto Bologna-Milano verranno revisionati e cablati gli amplificatori a 2 fili e i ripetitori di chiamata a 20 periodi attualmente dannoggiati.

Attualmente le batterie di questa stazione sono in opera in un locale destinato all'alloggio del personale; poichè la sala batterie originaria è oggi ricostruita, si provvederà al trasferimento delle predette batterie in quest'ultima sala.

STAZIONE DI SAN SECONDO

Poichè l'alimentazione è assicurata da due alimentatori, uno anodico e l'altro catodico, è opportuno installare un gruppo elettrogeno con alternatore in maniera da sostituire la rete esterna qualora questa manchi.

Questo gruppo è attualmente in riparazione per conto di questa Azienda. Per la sua sistemazione occorrerà procedere alla costruzione di un gabbiotto affiancato a quello esistente ove attualmente è installato un gruppo elettrogeno con dinamo che potrà essere in seguito ricuperato e trasferito a Siena.

Per la costituzione di circuiti a 2 fili locali verranno trasferiti da Montù a S.Secondo due telai di emergenza per amplificatori a 2 fili con relativo survoltore attualmente in opera a Montù.

Qualora possibile verranno previsti un alimentatore anodico e un alimentatore catodico di riserva per le due stazioni di S. Secondo e Montù.

STAZIONE DI TORINO

Stante l'attuale deficienza di equipaggiamenti e in considerazione dell'avvenuto riassetto del cavo Torino-Modane, occorre disporre 16 amplificatori a 4 fili, una sezione per convertitori di chiamata a forchette , e 10 amplificatori a 2 fili.

I materiali sono tutti disponibili a Vimercate, salvo il circuito per l'alimentazione di griglia che sarà di nuova fornitura.

STAZIONE DI LODANO

In questa stazione si prevede di far portare al più presto la rete di alimentazione a corrente alternata. In prosieguo di tempo verrà studiata anche la possibilità di assicurare la continuità del servizio nel caso di interruzione sulla rete.

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Nel frattempo verranno amplificati a Loiano, per ragioni tecniche, solo i circuiti con canali a frequenza vettrice.

STAZIONE DI FIRENZE

Come per le precedenti Stazioni verranno aggiunti un alimentatore anodico ed un alimentatore catodico di scorta ai due esistenti.

Per aumentare i collegamenti telegrafici con Roma e Bologna verranno aggiunti gli equipaggiamenti per un canale superacustico Firenze-Bologna e uno Firenze-Roma. Naturalmente l'equipaggiamento terminale verrà aggiunto anche a Bologna e a Roma.

Questi equipaggiamenti possono essere prelevati a Vimercate.

STAZIONE DI SIENA

La situazione dell'alimentazione è precaria in quanto esiste un solo gruppo convertitore di scarsa efficienza per la carica delle batterie anodiche e un solo gruppo convertitore provvisorio per la carica delle batterie catodiche.

Il gruppo convertitore per la carica delle batterie A dopo opportune revisioni deve essere restituito alla Stazione di origine di Abbadia. Occorre pertanto ordinare per la Stazione di Siena due gruppi convertitori per la carica di batterie catodiche mentre il gruppo convertitore definitivo per la carica delle batterie B sarà prelevato dalla Stazione di Roma.

Attualmente esiste un gruppo elettrogeno con generatore ma dato il sistema di alimentazione della Centrale si prevede di installare un gruppo elettrogeno con dinamo che, come già detto, verrà prelevato dalla Stazione di S. Secondo.

Occorre procedere ad una revisione e sistemazione del cablaggio e alla riparazione delle sezioni amplificatori a due fili.

CENTRALE DI ABBADIA S.S.

Per rendere possibile le misure sui circuiti e sugli equipaggiamenti verrà fornito un apparecchio portatile per misure di trasmissione. Inoltre verranno reintegrati in sala macchine i due gruppi di chiamata 5841 periodi di nuova fornitura, con relativi collegamenti.

STAZIONE DI VITERBO

La sala macchine sarà completamente sistemata restituendo il 2° generatore A appena questo si sarà reso disponibile a Roma. Si provvederà inoltre ad una sistemazione del cablaggio di Centrale.

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STAZIONE DI ROMA

Per la sistemazione della Stazione di energia verrà provveduto alla nuova fornitura di due generatori A, un generatore B e due gruppi a 20 periodi.

Per far fronte alla deficienza immediata di alimentazione catodica saranno anche trasferiti da Brindisi a Roma i due alimentatori colà esistenti reintegrando la Stazione di Brindisi con uno o due raddrizzatori per la carica delle batterie catodiche.

A Roma occorrerà inoltre provvedere alla sistemazione dei cablaggi di centrale.

E' imminente la revisione delle batterie.

Data l'attuale insufficienza degli apparecchi di misura esistenti verrà sistemato un livellografo da prelevare a Vimercate.

STAZIONI DI FERENTINO E MIGNANO

Sarà provveduto per ciascuna stazione alla dotazione di un apparecchio per le misure di trasmissione di nuova fornitura. Sarà opportuno inviare un raddrizzatore per la carica delle batterie catodiche da prelevare fra quelle in dotazione all'Azienda.

STAZIONE DI NAPOLI

Occorre provvedere alla installazione di un secondo alimentatore catodico attualmente in riparazione a Napoli.

Occorre inoltre ampliare l'impianto della telegrafia armonica in conformità alle richieste più urgenti pervenute dal Servizio 6° estendendo da 6 a 18 canali il secondo sistema Napoli-Roma, da 12 a 18 canali il sistema Napoli-Bari e da 9 a 12 il sistema Napoli-Catania.

Le apparecchiature relative saranno prelevate a Vimercate. 5940

STAZIONE DI BARI

Verranno installati due canali per telegrafia armonica in modo da completare da 16 a 18 il sistema esistente.

STAZIONI DELLE CALABRIE

Esiste nella tratta Lagonegro-Reggio C. una disponibilità di circuiti che non possono essere utilizzati per deficienza di equipaggiamenti di Centrale con gravissimo danno per il traffico civile.

Per limitare tali equipaggiamenti allo stretto indispensabile si è stabilito di installare in una prima fase le seguenti apparecchiature.

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Centrale di Lagonegro

- nº 12 amplificatori a 4 fili, da prelevarsi a Vimercate.

Stazione di Castrovillari

- nº 12 amplificatori a 4 fili da prelevarsi a Vimercate.
- " 1 apparecchio portatile per le misure di trasmissione di nuova fornitura che sostituirà l'attuale apparecchio di misura in opera da restituire alla Stazione originaria di Reggio Calabria.

In questa Stazione occorrerà sistemare inoltre due batterie di filamento che verranno richieste alle autorità alleate e un raddrizzatore per la carica di queste batterie già in possesso di questa Azienda.

Stazione di Cosenza

- nº 15 amplificatori a 4 fili.
- " 6 forchette.
- " 6 convertitori di chiamata.

Il tutto da prelevarsi a Vimercate.

Per la sistemazione della sala macchine verrà anche messo in opera un gruppo di chiamata 500 periodi di nuova fornitura.-

Stazione di Tiriolo

- nº 12 amplificatori a 4 fili.
- " 8 convertitori di chiamata.
- " 8 forchette.

Il tutto da prelevarsi a Vimercate.

Stazione di Vibo V.

- nº 12 amplificatori a 4 fili da prelevarsi a Vimercate.- 5839

Stazione di Reggio Calabria

- nº 15 amplificatori a 4 fili.
- " 4 forchette.
- " 3 convertitori di chiamata.

Il tutto da prelevarsi a Vimercate.

Occorre inoltre reintegrare una macchina di chiamata a 500 periodi di nuova fornitura.

1705

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STAZIONI DELLA SICILIA

Stazione di Villa Marina

Questa stazione è notevolmente danneggiata e la sua rimessa in efficienza richiede la ricostruzione integrale delle sale macchine e batterie attualmente funzionanti con sistemazioni di emergenza.

Data la natura del presente piano si ritiene che questa sistemazione debba essere considerata a parte.

Si prevede pertanto in questa sede una sistemazione dei cablaggi, e l'aggiunta di una sezione amplificatori a 4 fili, una sezione convertitori di chiamata, prelevabili a Vimercate, nonchè di un gruppo di chiamata 500 periodi di nuova fornitura.

Stazione di Catania

E' imminente l'installazione di due batterie catodiche in sostituzione di quelle provvisorie esistenti di tipo militare.

Si prevede l'aggiunta di una sezione di convertitori di chiamata, un sistema di telegrafia armonica con 6 canali verso Palermo e 3 canali di telegrafia armonica per l'estensione da 9 a 12 dei canali attualmente esistenti tra Catania e Napoli. Infine verranno smontati e trasferiti a Palermo i 6 oscillatori per la generazione delle frequenze portanti telegrafiche attualmente in opera.

Il materiale di nuova installazione verrà prelevato a Vimercate.

Stazione di Palermo

Verranno installati 6 canali telegrafici recuperati da Vimercate e una macchina di chiamata a 500 periodi di nuova fornitura.

Occorre inoltre sistemare i collegamenti della batteria B con nuovi conduttori essendo gli attuali collegamenti in fili volanti.

Il presente piano ha carattere di massima e potrà, naturalmente, subire varianti a seguito delle situazioni che verranno a maturare durante l'esecuzione dei lavori.

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

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

T.64.96.CS 16 April 1946

SUBJECT: Alterations at Repeater Stations.

TO : AFHQ Long Lines Liason Officer, ROME

1. It was obvious some time ago that Italian schemes prepared for the repair and extension of plant at repeater stations were not likely to be carried out quickly enough to cater for immediate and urgent needs, owing to the comprehensive nature of these schemes.

2. Accordingly, after a recent tour, Engineer Fariello has prepared the attached scheme to cater for extensions required now, and for immediate alterations and/or extensions to power plant to reduce the danger to military and civil communications of a shutdown due to insufficient or insuitable power plant.

3. Two copies are enclosed for your information.

4. Money is available, so there should be no delay in the progress of the work.

5. It should be mentioned that the terms "Allied Command" or "Allied Authorities" refer to this HQ in some cases.

H.M.SCUDDER,
Col. A.Sig.C.
Director.

Enclosures: Draft Scheme April 1946 (2 copies)

Subject:- US Cable Circuit Allocation Diagram
BOLOGNA - VILLACH.

Allied Force Headquarters
Long Lines Liaison Office
A.P.O.512

Ref. No. G(LL) 4/6/18

Date. 511.2/28-5

11th April 1945.

AD FOR DISTRIBUTION.

Forwarded herewith on two sepia sheets tracings of US Cable Circuit Allocation Diagram BOLOGNA - VILLACH, Issue No. 1 dated 6th April 1945.

H.L. Lowry
Lieutenant,
Chief Signal Officer.

PRT/Dis.

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5806

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Collection
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CIC [illegible] TEST	1
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GO 'C' Insp L of C Udine Dep	1
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5826

CROSS REFS
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Date 12 APR 1946

Director
D/Dir
Chief
Chief
Mail Clerks
Asst
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Chief Clerk

95

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MAPS FILMED ON

35MM ROLL

Director
D/Director
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Chief Postal
H Q Coms O
Asst Chief Postal
Censorship
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Subject:- U/G Circuit Allocation Diagram
ROMA - MILAN - TURIN.

Allied Force Headquarters
Long Lines Liaison Office,
A C S

Tels No. HOWS 564016

MS.2/2Eng

4 Apr 46

TO : ALL DISTRIBUTION.

U/G Circuit allocation Diagram ROMA - MILAN - TURIN, Issue No.1, is forwarded herewith on the scale shown below.

5932

[signature]
Brigadier,
Chief Signal Officer.

MS/MSL.

DISTRIBUTION:-

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CMO 2 distrbn
Director, Comm Subcommands., HQ A.C.
3 (2 for War Office)
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Declassified E.O. 12356 Section 3.3/NND No. 785015

TO : ASC DISTRIBUTION.

4 Apr 46

T/C Circuit Allocation Diagram KUNMING - ATLAS - YUNNAN, Issue No. 1, is forwarded herewith on the scale shown below.

5822

F. C. Williams - Brig

F. C. Williams - Brig.
Chief Signal Officer

WCA/ASL.

DISTRIBUTION:

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C.O.C. KUNMING Radio Station	1
C.O.C. KUNMING Radio Control	1
C.O.C. Radio Maintenance School	1
Major U.S. ATLAS, c/o Signal Office,	
IHQ - Chungking	1
Director, C.N.I.	5 (2 for Ministry of S & T)

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S/Fwd. 93
Date 5 APR 1946

93

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

Mod. 25 *quater* - Edizione 194

MINISTERO DELLE COMUNICAZIONI

AMMINISTRAZIONE DELLE POSTE E DEI TELEGRAFI

UFFICIO SUPERIORE DELLE TELECOMUNICAZIONI

DIREZIONE CENTRALE

TELEGRAMMA - ESPRESSO DI SERVIZIO

Bollo dell'autorità mittente

AUTORITÀ MITTENTE	DATA				
	Giorno	Mese	Anno	Ore	Minuti
Ufficio Superiore delle Telecomunicazioni	29	Marzo	1946		

Headquarters Allied Commission APO 394 Communications Sub-Commission

ROMA

OGGETTO: U.S.T. Risposta al n° T.64.86.CS del 20/3/46

Protocollo N° 176173/CTI/96

Per il prossimo passaggio all'U.S.T. del Controllo dei due cavi sociali: Ancona-Rimini-Bologna ; Firenze-Lucca-Genova, sono stati designati i seguenti rappresentanti delle due Società Concessionarie interessate:

Per la Società TETI : Ing. Mario Zaccagnini, e in sua assenza Ing. Calvitti. 58; 8

Per la Società TIMO: Dott. Fausto Alcaro, e in sua assenza Ing. Giovanni Solari.

IL SOTTOSEGRETARIO DI STATO

92

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

MINISTERO DELLE COMUNICAZIONI

Mod. 25 *quater* – Edizione 1943

AMMINISTRAZIONE DELLE POSTE E DEI TELEGRAFI

UFFICIO SUPERIORE DELLE TELECOMUNICAZIONI

DIREZIONE CENTRALE

TELEGRAMMA - ESPRESSO DI SERVIZIO

Bollo dell'autorità mittente

AUTORITÀ MITTENTE	DATA				
	Giorno	Mese	Anno	Ore	Minuti
Superiore delle Telecomunicazioni	29	Marzo	1946		

Headquarters Allied Commission AFO 394 Communications Sub-Commission

U.S.T. ROMA

N° 1761737/CTI/96 Risposta al n° T.64.85.CS del 20/3/46

Ultimo passaggio all'U.S.T. del Controllo dei due cavi sociali: Ancona-Rimini-Firenze-Lucca-Genova, sono stati designati i seguenti rappresentanti delle Società Concessionarie interessate:

Soc. TETI : Ing. Mario Zaccagnini, e in sua assenza Ing. Calvitti.

Soc. TIMO: Dott. Fausto Alcaro, e in sua assenza Ing. Giovanni Soldi.

IL SOTTOSEGRETARIO DI STATO

58; 8

92

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

MINISTERO DELLE COMUNICAZIONI

AMMINISTRAZIONE DELLE POSTE E DEI TELEGRAFI

TELEGRAMMA - ESPRESSO DI SERVIZIO

UFFICIO SUPERIORE DELLE COMUNICAZIONI

DIREZIONE CENTRALE

Headquarters Allied Commission

APO 394 Communications Sub-Commis=

sion ROMA

Bollo dell'ufficio postale di partenza

58.7

...43 — Tip. Op. Romana (10.000)

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

HEAD UARTERS ALLIED COMMISSION
APO 394
Communications Sub-Commission HTWI/ec

T.64.21.CS 2nd April 1946

SUBJECT: Plesso Repeater Station

TO : Aziende di Servizi Telefonici, Ministry of PT. & TT.

Please see attached extract from a report by Mj. Hayward.

H.H.SCUDDER,
Col.Sig.C.
Director.

Enclosure: Copy of report.

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

(Copy)

HEADQUARTERS
ALLIED MILITARY GOVERNMENT
13 CORPS
TELECOMS DIVISION

Ref. : 13C/AMG/TEL. 93

Subject : Report on Plezzo Repeater Station.

To : The DIRECTOR
Communications Sub-Commission

As the result of a visit on 18 March the following points were noted:

1. TECHNICAL: a) Attached is a list of circuits made up from the cable passing between Udine and Villach. According to the records there are only seven civilian circuits, they are:

One	4 wire	Vienna - Milan
One	4 wire	Vienna - Bologna
One	4 wire	Vienna - Trieste
One	4 wire	Prague - Trieste
Three	2 wire	Udine - Tarvisio

b) The Power Supply consists of two Electric Motor-Generators of 2.7 Kw and 1.7 Kw respectively. These are ample for the batteries which were in excellent condition.

The Standby consists of a 15 Kw Diesel which is brought into use occasionally for testing. It appeared to be in good condition.

c) The repeater equipment was installed in August 1945 from a mixed bag of apparatus. It is old fashioned but serviceable, well racked in a large, dry room.

d) There is a shortage of small spares such as carbon brushes, jumper wire and solder. I have passed on these requirements to Capt. West.

58 5

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

2. ADMINISTRATION: The staff consists of two, one of whom lives on the premisses with his family. They look to Udine for supplies of acid, water and P.O.L. and so far they have not been let down.

3. GENERAL : Ing. Danni visited the place about two months ago and made a note of the Station's requirements for the future. Nothing more has been heard, I have informed Capt. West of this. The Station is clean and there is room for any future small expansion.

H.A. HAYWARD, Major

TELECOMS & POSTAL OFFICER
HQ AMG 13 CORPS

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

PLEZZO REPEATER STATION

TYPE CIRCUIT	Nº	IN USE	FREE	REMARKS
4 Wire Phys. with Aplifiers	24	24	NIL	
4 Wire Phys. without Ampli-fiers	8	NIL	8	6 heavily loaded 2 lightly loaded
4 Wire Phan. with Ampli-fiers	12	2	10	
4 Wire Phan. without Ampli-fiers	3	NIL	3	On heavily loaded Physicals
2 Wire Phys. with Ampli-fiers	22	4	18	
2 Wire Phys. without Ampli-fiers	12	12	NIL	8 thro' circuits Udine - Tarvisio 4 Service circuits
Music circuit 4 wire	1			Udine - Klagen-furt.

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

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

T.64.90.CS 30 March 1946

SUBJECT: Repeater Equipment - Udine

TO : Azienda di Stato, Ministry of PP. & TT.
(Att: Ing. Fariello)

1. Please see attached Memo. from CSC.

2. It is understood that there are sufficient repeaters in Udine Repeater Station but not enough 4 wire - 2 wire terminations. If this is so the repeaters need not be installed but only the terminations.

3. In addition the 500/20 ringing equipments will be required.

4. Kindly arrange for installation as soon as possible.

H.H.SCUDDER,
Col. Sig.C.

Enclosure: Copy of letter of 28 March.

5812

1 1 2 0 1

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

(Copy)

Subject:- Extension to Udine Repeater Station

Allied Force Headquarters
Long Lines Liaison Office
R O M E

Tel. N°. ROME 566016

Ref. N°. 413.4/9

Director, Comms Sub-Commission, A.C. 28th March 1946.

1. All 4w/2w terminating sets and 500/20 ringers originally installed at Udine Repeater Station are now in service, with the result that no additional 4-wire circuits can be terminated at Udine.

2. In view of the fact that it is highly probable that additional 4-wire circuits will be required to Udine, both by the military and civil authorities, within the near future, it is requested that Azienda di Stato be instructed to arrange for the installation of the following additional equipment at Udine R/S:-

TERMINATING REPEATERS 4-WIRE	10
RINGERS 500/20	10

(Or equivalent equipment to terminate 10 additional 4-wire circuits).

3. It is further requested that the Azienda be instructed to put the installation in hand with the minimum of delay and that completion of work be advised to this office in due course.

Brigadier,
Chief Signal Officer,

FRT/EMF

5821

Copy to:- Major Burns, c/o Signal Office, 2 District.
Director, U.S.T.

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

Subject:- Extension to Udine Repeater Station.

Allied Force Headquarters
Long Lines Liaison Office
R O M E

Tel. No. ROME 566016

Ref. No. 413.4/9

28th March 1946.

Director, Comms Sub-Commission, A.C.

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RINGERS 500/20	10

(Or equivalent equipment to terminate 10 additional 4-wire circuits).

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F.R. Yeo-Thomas
Brigadier,
Chief Signal Officer.

FRT/EMF.

Copy to:- Major Burns, c/o Signal Office, 2 District.
Director, U.S.T.

CROSS REFS.

FILE T. 5 64

Date 29 MAR 1946

Dir
D/D
Chief Telecoms
Chief Postal
H Q Coms O
Asst Chief Postal
Censorship
Chief Clerk.

89
124

SUBJECT:- TELETYPEWRITER (TELEPRINTER)
TRAFFIC DIAGRAM, ITALY.

Allied Force Headquarters
Long Lines Liaison Office,
R C M E

Tel. No. RGEX 565016

311.2/28-1

15 Jan 46

TO : See Distribution.

1. Monthly Teletypewriter (Teleprinter) Traffic Diagram, Issue No. 20, showing the various switchboard and station to station connections, together with Encode, Decode and Numerical Lists of call signs, are forwarded herewith on the scale shown below.

2. Until the next issue of the traffic diagram is made, all Signal Officers concerned should arrange for each amendments, additions or deletions to be indicated in the telegraph directory submitted to this office.

FIT: T64.2

Date 23 MAR 1946

F. L. Lee Lagai
Brigadier,
Chief Signal Officer.

FIT/MFJ.

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4
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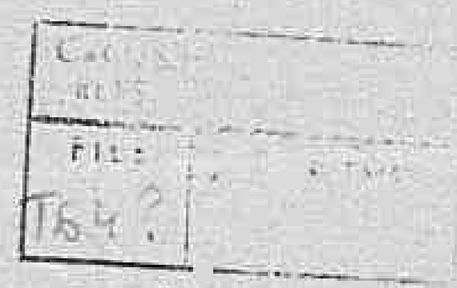
6
4

CSO AFHQ
Signal Officer, USFET
Signal Officer, USFA
CSO BTA
CSO FCA
CSO ADSERVIT
CSO 15 CORPS
CSO POLCORPS
CSO 2 DISTRICT
CSO 5 DISTRICT
Signal Officer, PBS
Signal Officer, MTOUSA

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

1. Monthly Teletypewriter (Teleprinter) Traffic Diagram, Issue No. 20, showing the various switchboard and station to station connections, together with Exands, Decode and Numerical Lists of call signs, are forwarded herewith on the scale shown below.

2. Until the next issue of the traffic diagram is made, all Signal Officers concerned should arrange for such amendments, additions or deletions to be indicated in the telegraph directory submitted to this office.



F. L. Yeo, Major
Brigadier,
Chief Signal Officer.

FLY/KTJ.

Date 23 MAR 1945

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CSO FOGGIA	4
CSO 2 DISTRICT	6
CSO 5 DISTRICT	6
Signal Officer, PBS	4
Signal Officer, PBS (SCAF3)	2
CSO Air Fmn Sigs., AFHQ, PAF	1
CSO AHQ, RAF	3
Signal Officer, 38 Div	2
Signal Officer, BAC	2
Signal Officer, NAFAD	1
Fire Officer, 4th Sig Serv Sp	1
CO 2 GH 4 Signals	1
CO 1 L of C Signals	1
CO 11 L of C Signals	1
CO 15 L of C Signals	1
CO 2 Air Fmn Signals	1
CO 4 Coy., 11 L of C Signals	1
CO 4 Coy., 16 L of C Signals	1
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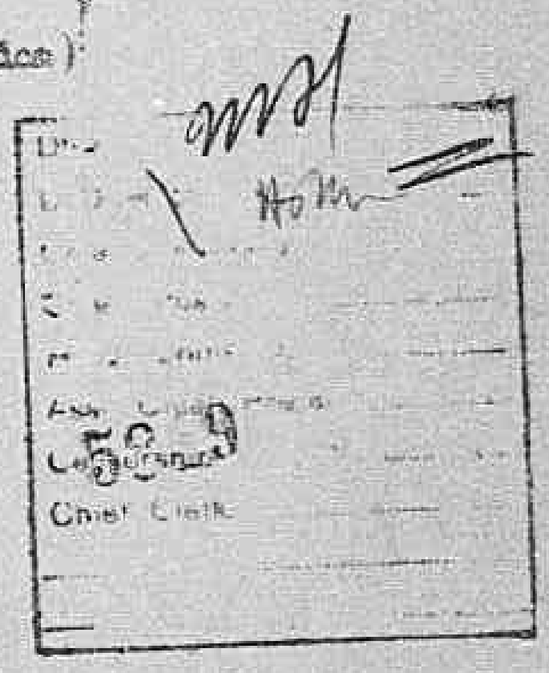

OIC NAPLES Fmnl's Control	2
OIC ROME " "	2
OIC BOLOGNA " "	2
OIC FLORENCE " "	2
OIC ANCONA " "	2
OIC FOGGIA " "	2
OIC BARI " "	2
OIC CASERTA Maintenance Control	2
OIC MILAN " "	1
OIC UDINE " "	1
OIC PADUA	1

88

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58138

5818

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5817

1727

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ACC 10000/147/556 (2 of 2 folders)

T/64/CS

UNDERGROUND CABLES Part 2

Feb. - May 1946

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

UNDERGROUND CABLES Part III

3/2

Feb. - May 1946

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CIA-RDP

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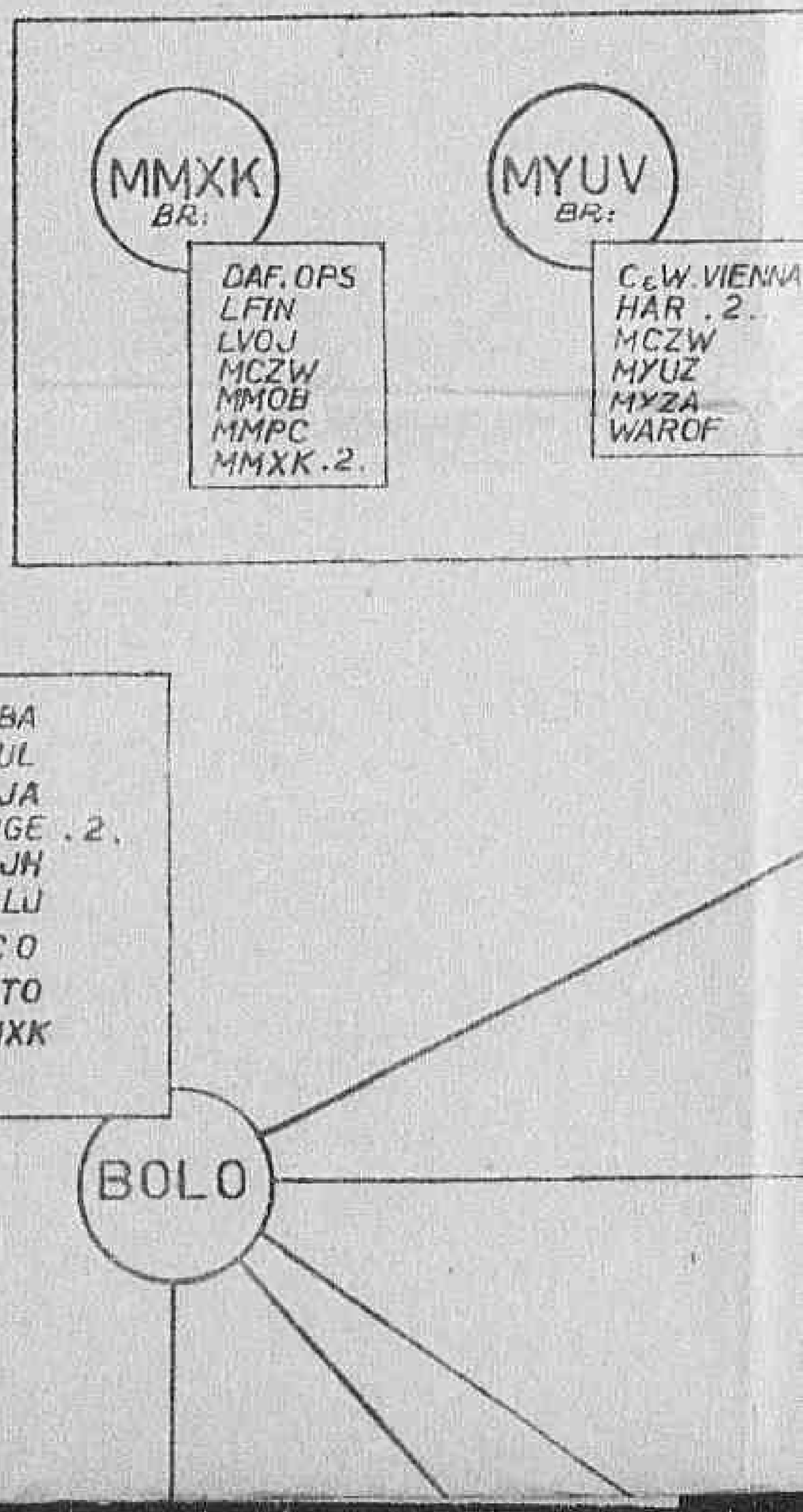

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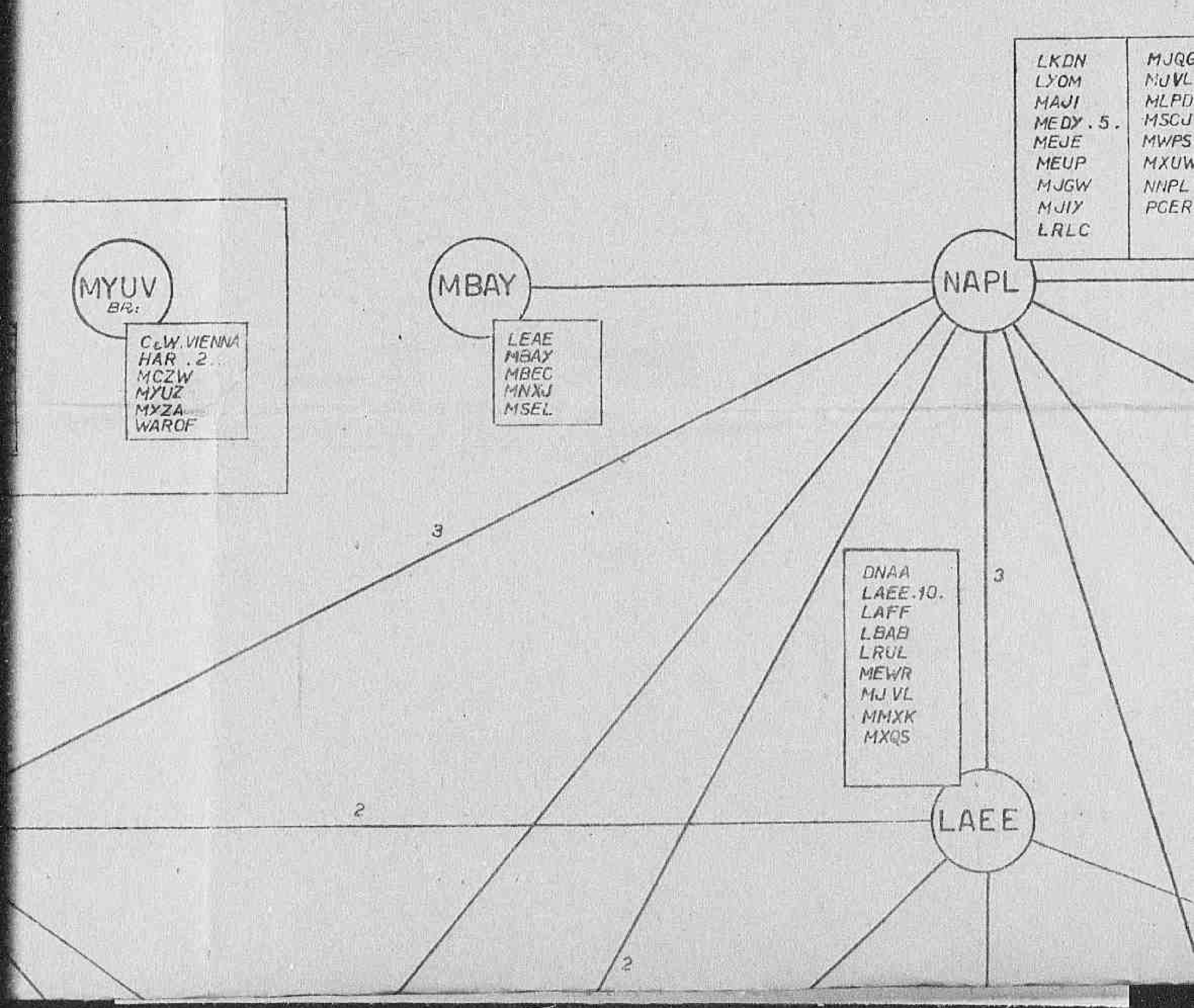

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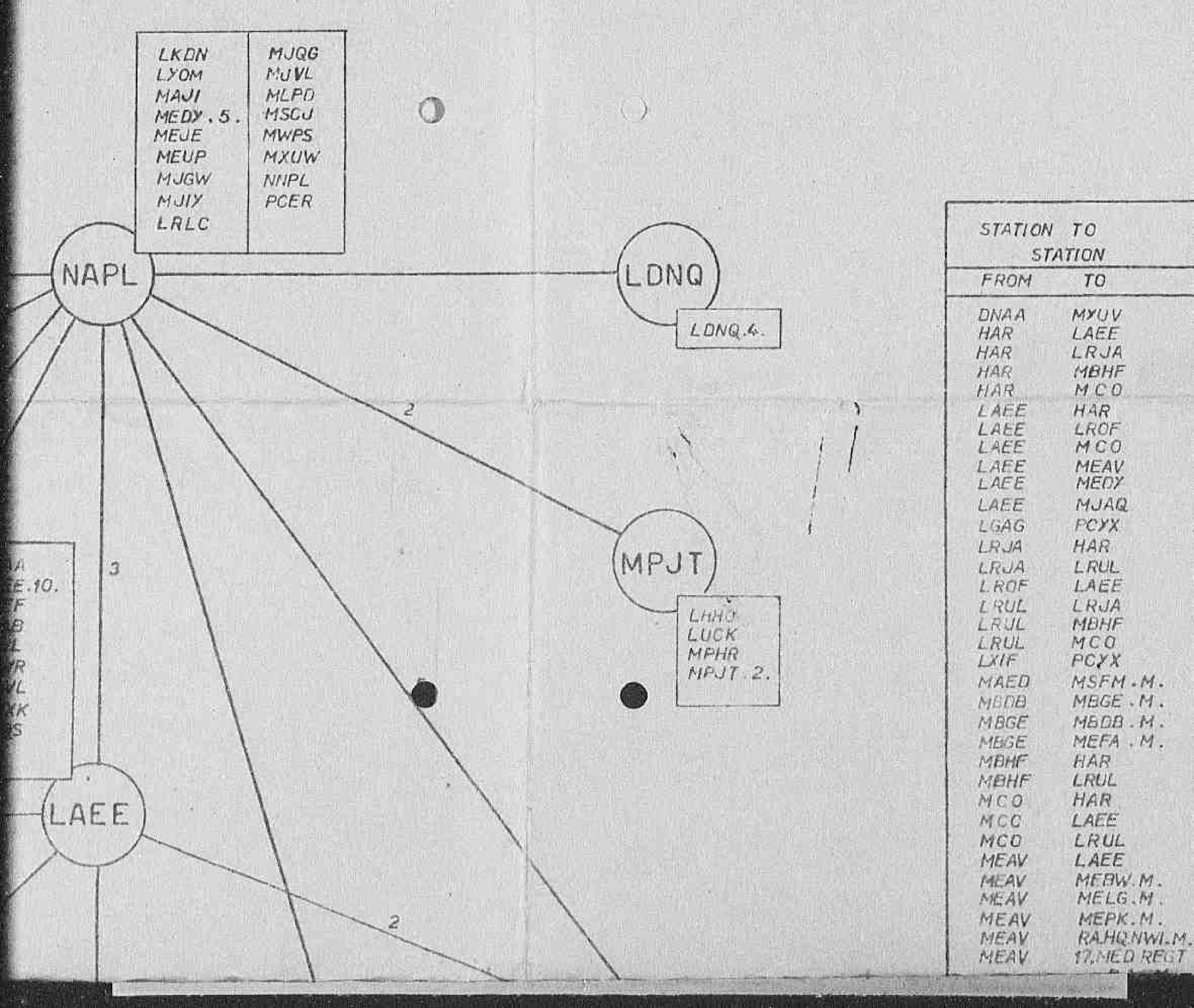


STATION TO STATION	
FROM	TO
DNAA	MYUV
HAR	LAEE
HAR	LRJA
HAR	MBHF
HAR	MCO
LAEE	HAR
LAEE	LROF
LAEE	MCO
LAEE	MEAV
LAEE	MEDY
LAEE	MJAQ
LGAG	PCYX
LRJA	HAR
LRJA	LRUL
LROF	LAEE
LRUL	LRJA
LRUL	MBHF
LRUL	MCO
LXIF	PCYX
MAED	MSFM . M .
MBDB	MBGE . M .
MBGE	MBDB . M .
MBGE	MEFA . M .
MBHF	HAR
MBHF	LRUL
MCO	HAR
MCO	LAEE
MCO	LRUL
MEAV	LAEE
MEAV	MEBW . M .
MEAV	MELG . M .
MEAV	MEPK . M .
MEAV	RAHQNWI . M .
MEAV	17 MED REGT

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

LDNQ

LDNQ.4.

MPJT

LAHO
LUCK
MPHR
MPJT.2.

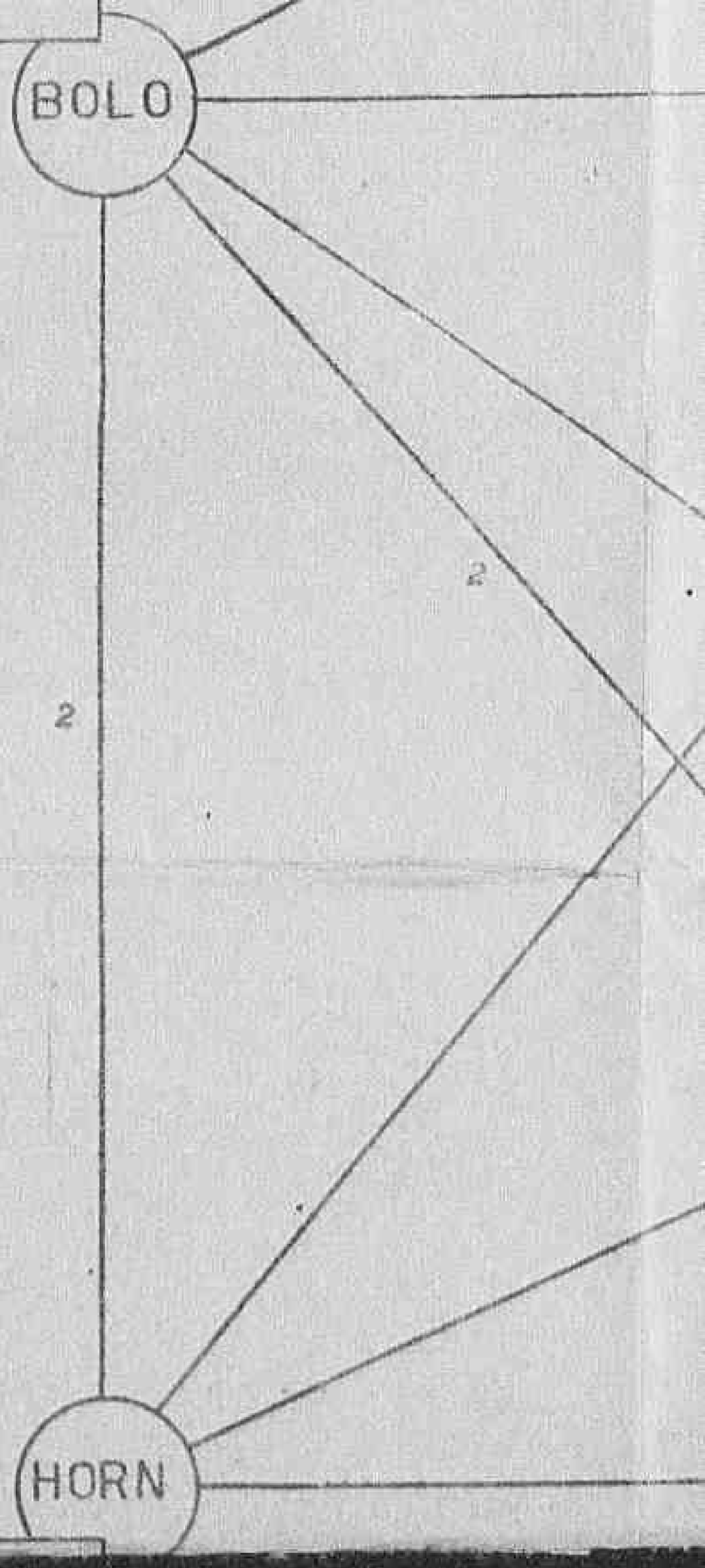
STATION TO STATION	
FROM	TO
DNAA	MYUV
HAR	LAEE
HAR	LRJA
HAR	MBHF
HAR	MCO
LAEE	HAR
LAEE	LROF
LAEE	MCO
LAEE	MEAV
LAEE	MEDY
LAEE	MJAQ
LGAG	PCYX
LRJA	HAR
LRJA	LRUL
LROF	LAEE
LRUL	LRJA
LRUL	MBHF
LRUL	MCO
LXIF	PCYX
MAED	MSFM.M.
MBDB	MBGE.M.
MBGE	MBDB.M.
MBGE	MEFA.M.
MBHF	HAR
MBHF	LRUL
MCO	HAR
MCO	LAEE
MCO	LRUL
MEAV	LAEE
MEAV	MEBW.M.
MEAV	MELG.M.
MEAV	MEPK.M.
MEAV	RAHQNWI.M.
MEAV	17JNGD REGT

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

MMPC
MMXK .2.

WAROF

DNBA
LRUL
LRJA
MBGE .2.
MBJH
MBLJ
MCO
METO
MMXK



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

WAROF

3

DNAA
LAEE .10.
LAFF
LBAB
LRUL
MEWR
MJVL
MMXK
MXQS

3

LAEE

2

2

2

4

2

MILN

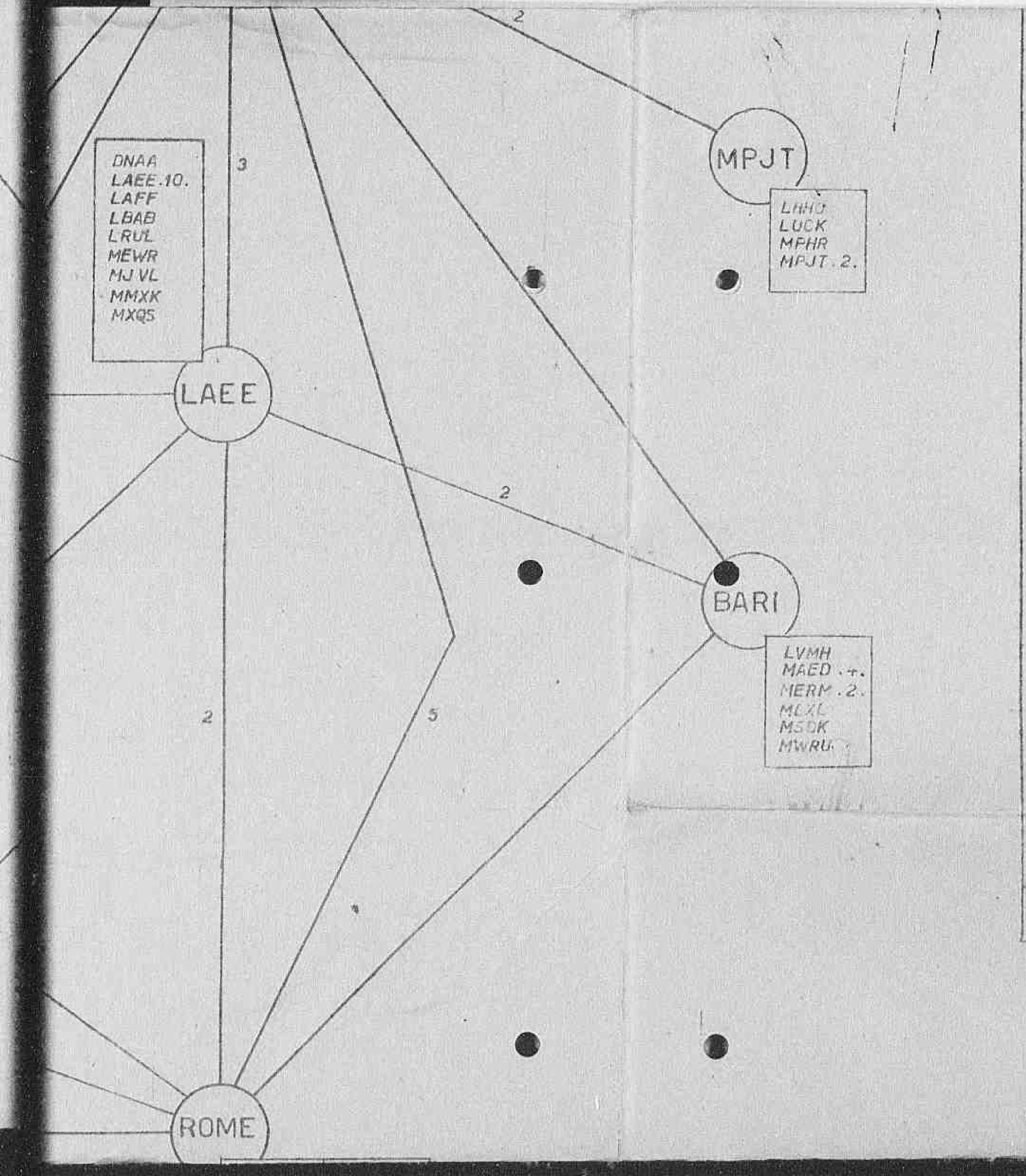
MDWS
MEAV .5.
MEXS

2

ROME

1342

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



LAEE H
LAEE L
LAEE M
LAEE M
LAEE M
LAEE M
LGAG P
LRJA H
LRJA L
LROF L
LRUL L
LRUL M
LRUL M
LXIF P
MAED M
MBDB M
MBGE M
MBGE M
MBHF H
MBHF L
MCO H
MCO L
MCO L
MEAV L
MEAV M
MEAV M
MEAV M
MEAV R
MEAV 17.

MEBW M
MEDY L
MEFA M
MELG M
MEPK M
MJAQ L
MJAQ M
MJVL M
MPJT P
MSFM M
MYUV O
PCYX L
PCYX L
PCYX M
RAL HG
NWI H
17.MED
REGT.RA. M

M. MORSE

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

MPJT

LRHO
LUCK
MPHR
MPJT.2.

BARI

LVMH
MAED.+.
MERM.2.
MLXI.
MSOK
MWRU.

LAFE	HAR
LAEE	LROF
LAEE	MCO
LAEE	MEAV
LAEE	MEDX
LAEE	MJAQ
LGAG	PCYX
LRJA	HAR
LRJA	LRUL
LROF	LAEE
LRUL	LRJA
LRUL	MBHF
LRUL	MCO
LXIF	PCYX
MAED	MSFM.M.
MBOB	MEGE.M.
MEGE	MBOB.M.
MEGE	MEFA.M.
MBHF	HAR
MBHF	LRUL
MCO	HAR
MCC	LAEE
MCO	LRUL
MEAV	LAEE
MEAV	MEBW.M.
MEAV	MELG.M.
MEAV	MEPK.M.
MEAV	RAHQNWI.M.
MEAV	17.MED REGT R.A..M.
MEBW	MEAV.M.
MEDX	LAEE
MEFA	MBGE.M.
MELG	MEAV.M.
MEPK	MEAV.M.
MJAQ	LAEE
MJAQ	MJVL
MJVL	MJAQ
MPJT	PCYX
MSFM	MAED.M.
MXUV	DNAA
PCYX	LGAG
PCYX	LXIF
PCYX	MPJT
RAL NG NWI	MEAV.M.
17.MED REGT.RA	MEAV.M.

M. MORSE CIRCUITS.

1743

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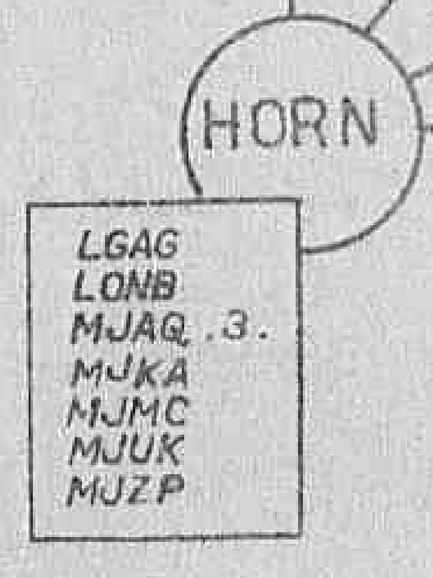
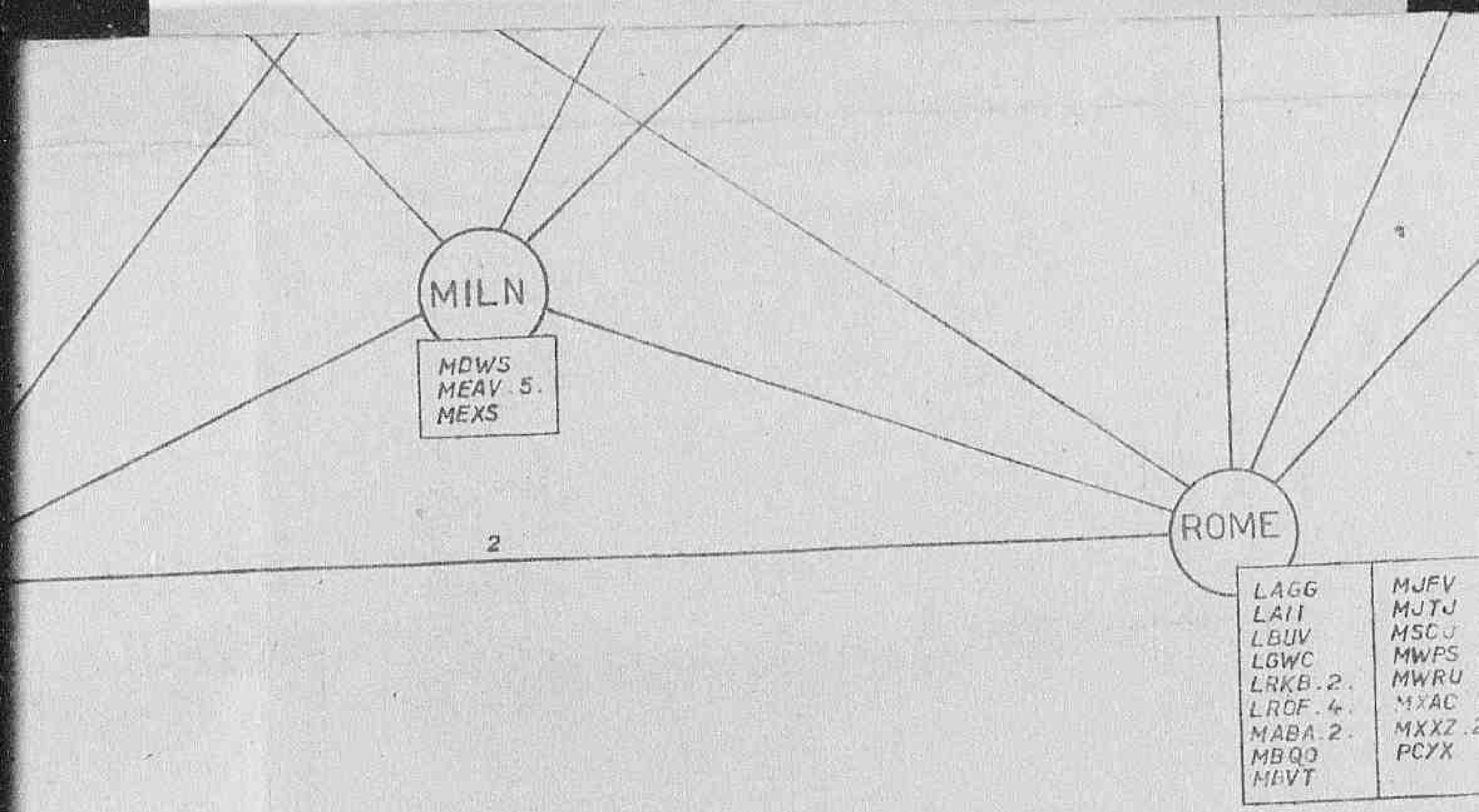


Declassified E.O. 12356 Section 3.3/NND No. 785015



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

PCYX LXIF
PCYX MPJT
RALHQ
NWI HEAV.M.
17.MED
REGT.R.A. MEAV.M.

M. MORSE CIRCUITS.

ROME

LAGG
LAII
LBUV
LGWC
LRKB.2.
LROF.4.
MABA.2.
MBQQ
MBVT
MJFV
MJTJ
MSCJ
MWPS
MWRU
MXAC
MXXZ.2.
PCYX

COMPILED	DRAWN	TRACED	CHECKED	APPROVED	LA
	F.R.G	F.R.G	F.R.T	F.R.T	S
	7.3.46	8.3.46	8.3.46	9.3.46	

TELETYPEWRITER.
TELEPRINTER.
TRAFFIC DIAGRAM

A.F.H
LONG L
LIAISON O

1747

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

RCYX	LXIF
RCYX	MPJT
EAI HQ	
NWI	MEAV.M.
17.MED	
REGT.R.A.	MEAV.M.

M. MORSE CIRCUITS.

COMPILED	DRAWN	TRACED	CHECKED	APPROVED	LAST DIST.	ISSUE	LAST AMD.
	F.R.G	F.R.G	F.R.T	F.R.T	9.3.46	20	
	7.3.46	8.3.46	8.3.46	9.3.46			

TELETYPEWRITER.
TELEPRINTER.
TRAFFIC DIAGRAM

A.F.H.Q
LONG LINES
LIAISON OFFICE

DRWG NO:
CS: 1006

59

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

SUBJECT:- TELETHONE CIRCUIT ALLOCATION LIST(AM)

Allied Force Headquarters
Long Lines Liaison Office,
R O M E

Tel. No. MUSE 566016

511.2/28-3

15 Mar 45

TO :- SEE DISTRIBUTION

Telephone Circuit Allocation Diagram FLORENCE - LEGHORN - GENOA, Issue No. 7, is forwarded herewith for the guide information of all concerned.

For Lt. Col. Kapp

Signaller,
Chief Signal Officer.

WCF/MW.

DISTRIBUTION:-

CSO AFHQ	- 3 (2 for Rec Office)
CSO 2 Platoon	- 1
CSO 3 Platoon	- 1
Signal Officer, PBS	- 1
Director, Cable & Communications, MTO A.C.	- 1
OC 1 L of C Signals	- 1
OC 16 L of C Signals	- 1
OIC FLORENCE Fault Control	- 2
OIC BOLOGNA Fault Control	- 1
OIC MILAN Maintenance Control	- 1
OIC LEGHORN Test	- 2
Director, P.O.W.	- 5 (2 for Ministry of P. & T.)

Director
D/Director
Chief
Chief
Assistant Chief Clerk
Assistant Chief Clerk
Censorship
Chief Clerk

CROSS.
R.E.S.

T.G.4

Date 22 MAR 1945

87

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

MAPS FILMED ON

35MM ROLL

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

HEAD UARTERS ALLIED COMMISSION
APO 394
Communications Sub-Commission HHS/oc

T.64.86.CS 20 March 1946

SUBJECT: U.S.T.

TO : Under-Secretary of State for Posts and Telecomms.

1. Under date of March 18, 1946, the Long Lines Liason Group AFHQ wrote the Director of U.S.T. that it was desired to turn over to civil control circuit allocation on the following concessionary company cables.

Ancona - Rimini - Bologna
Florence- Lucca - Genoa

2. In order to carry this work out efficiently it is felt that it is essential that the two concessionary companies involved (TIMO and TETI) assign cable representatives to UST in Rome. Only this way can the desired centralised control by UST be obtained and it would be appreciated if the necessary steps could be taken to have competent representatives stationed at UST as soon as possible.

H.M.SCUDDER,
Col.Sig.C.
Director.

5813

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

Subject:- Concessionary Company U/G Cables.

Allied Force Headquarters
Long Lines Liaison Office
R O M E

Tel. No. ROME 566016

Ref. No. 413.4/13

Director,
U.S.T.

18th March 1946.

1. It is desired to return to Concessionary Companies concerned, control of circuit allocation on the following cables, at present performed by this office:-

ANCONA - RIMINI - ANCONA Bologna TIMO

FLORENCE - LUCCA - GENOA TETI

2. It is suggested that control of these cables could best be effected by having TETI and TIMO cable representatives stationed at the UST offices. This arrangement would ensure continuity of present policy of controlised control by UST.

3. If you agree with the above suggestion will you please take necessary action to obtain the services of suitable TETI and TIMO representatives at as an early date as practicable.

J. R. L. Knapp
Brigadier,
Chief Signal Officer.

PRT/EMF.

Copy to:- Director, Comms Sub-Commission, A.C.

CROSS REFS.
FILE T.64

Chief Clerk.

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

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

T.64.84.C5 20 March 1946

SUBJECT: MARESPE

TO : Under-Secretary of State for PT. & TT.

1. Reference is made to Major Carrols' report of March 14, 1946 on the subject of line maintenance of which several copies have been sent to the Ministry of PT. & TT.

2. This report shows that in a comparatively short time your Administration has been able to create an entirely new organisation along lines which were contrary to general practice in Italy and all those concerned with the organization of MARESPE are worthy of the highest praise for the energy and initiative displayed. In the face of many difficulties, initial transport and material shortages and lack of knowledge of the Fault Control system, an efficient and smooth working organization has been built up which as you can see from Major Carrolls' report is adequately performing that task assigned.

3. There are some points raised in Maj. Carrolls' report to which it is hoped you will be able to apply remedial action as it would be a pity to permit a few small deficiencies to weaken a structure which has such an auspicious beginning. The main ones are:

(a) Regular payment of MARESPE field personnel
(b) Establishment of list of testing equipment needed
(c) Proper maintenance of vehicles.
(d) Increase of staff at Rome Hqs. It is suggested that by consolidation of MARESPE with UST some economy in personnel can be effected but it is felt that the present staff is over burdened especially with clerical work and that relief should be afforded.

5[illegible]

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

(e) Improvement in preventive maintenance.

4. In closing it is desired to express the appreciation of this Sub-Commission for the excellent results accomplished to date by the MARMITE.

H.H.SCUDDER,
Col.Sig.C.
Director.

SUBJECT:- U/G Cable - Revised Overall Circuit Numbers

Allied Force Headquarters
Long Lines Liaison Office,
R O M E

Tel. No. [redacted] 566016

Ref. No. 11.2/2

To : As per Distribution

20 Feb 45

1. Forwarded herewith, is schedule showing cable pair numbers and corresponding circuit numbers over the following State U/G Cable sections :-

NAPLES - BARI
NAPLES - ROME
ROME - FLORENCE
FLORENCE - BOLOGNA
BOLOGNA - VILLACH - TRIESTE
BOLOGNA - CASERTANO
BOLOGNA - INNSBRUCK

2. It should be noted that circuits numbers for 4-wire circuits over the BOLOGNA - VILLACH - TRIESTE section have been revised to obtain uniformity between individual repeater stations. All offices concerned should therefore amend records accordingly as soon as possible.

F.R. Lee-Mayo
Brigadier,
Chief Signal Officer.

R22/FFS.

DISTRIBUTION :-

(SG) AFHQ
SHC BTA
(SS) FFI
SHC NAPLES Mobile Control (2)
(SS) BOLOGNA " " (2)
SHC ROME " " (2)

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

1. Forwarded herewith, is schedule showing cable pair numbers and corresponding circuit numbers over the following State U/G Cable sections :-

NAPLES - BARI
NAPLES - ROME
ROME - FLORENCE
FLORENCE - BOLOGNA
BOLOGNA - MILAN - TRIESTE
BOLOGNA - CASERTA
BOLOGNA - MESSINA

2. It should be noted that circuit numbers for 4-wire circuits over the BOLOGNA - MILAN - TRIESTE section have been revised to obtain uniformity between individual repeater sections. All offices concerned should therefore amend records accordingly as soon as possible.

[signature]
Brigadier,
Chief Signal Officer.

REPEAT.

DISTRIBUTION :-

CSO AFHQ
CSO BTA
CSO ATA
CSO 15 Corps
CSO ACASRID
CSO 2 Districts
CSO 3 Districts
Signal Officer, ETOC
OC 2 Sig Gp
OC 1 L of C Signals
OC 11 L of C Signals
OC 14 L of C Signals
OC 15 L of C Signals

OIC NAPLES Naval Control (2)
OIC BOLOGNA " " (2)
OIC ROME " " (2)
OIC FLORENCE " " (2)
OIC BARI " " (2)
OIC FOGGIA " " (2)
OIC ANCONA " " (2)
OIC CASERTA Mediterranean Control (2)
OIC MILAN " " (2)
OIC PISA " " (2)
OIC PADUA " " (2)
OIC BOLOGNA Repeater Station (2)
OIC MESTRE Test (2)
OIC TRIESTE Test (2)
OIC VERONA Test (2)
TELECOMMS BOARD, HEADQUARTERS

Director
D/Director
Chief Technical
Chief Posts
H.Q. Comms O
Asst Chief Posts
Censorship
Chief Clerk

CROSS REFS
FILE T.64
b/two.

Date 16 MAR 1946

5804

82

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

NAPLES - BARI

PAIR NO.		CIRCUIT NO.	
FROM:	301 - 501 to 536 - 536	FROM: 1	to 36
	302/2 - 502/2		37
	303/4 - 503/4		38
	305/6 - 505/6		39
	307/8 - 507/8		40
	309/10 - 509/10		41
	311/12 - 511/12		42
	313/14 - 513/14		43
	315/16 - 515/16		44
	317/18 - 517/18		45
	319/20 - 519/20		46
	321/22 - 521/22		47
	323/24 - 523/24		48
	325/26 - 525/26		49
	327/28 - 527/28		50
	329/30 - 529/30		51
	331/32 - 531/32		52
	333/34 - 533/34		53
	335/36 - 535/36		54
	CRL SDS AB		55
	CRL SDS AC		56
	CRL SYS AD		57
	CRL SYS AE		58
	CRL SYS AG		59
	CRL SYS AA		60
FROM:	1 to 10	FROM: 61	to 70
	1/2		81
	3/4		82
	5/6		83
	7/8		84
	9/10		85
	SPARE PAIR		91

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

519/20 - 519/20		46
521/22 - 521/22		47
523/24 - 523/24		48
525/26 - 525/25		49
527/28 - 527/28		50
529/30 - 529/30		51
531/32 - 531/32		52
533/34 - 533/34		53
535/36 - 535/36		54
		55
CHI SIGS AB		56
CHI SIGS AC		57
CHI SIGS AD		58
CHI SIGS AE		59
CHI SIGS AG		60
CHI SIGS AA		
ORDER: 1 to 10		70
1/2		81
3/4		82
5/6		83
7/8		84
9/10		85
		91
RADIO TWIER		

5803

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NAPLES - ROME

PAIR NO.	CIRCUIT NO.
335 - 535	1
336 - 536	2
337 - 537	3
338 - 538	4
339 - 539	5
340 - 540	6
341 - 541	7
342 - 542	8
343 - 543	9
344 - 544	10
345 - 545	11
346 - 546	12
347 - 547	13
348 - 548	14
349 - 549	15
350 - 550	16
351 - 551	17
352 - 552	18
353 - 553	19
354 - 554	20
355 - 555	21
356 - 556	22
357 - 557	23
358 - 558	24
335/36 - 535/36	25
337/38 - 537/38	26
339/40 - 539/40	27
341/42 - 541/42	28
343/44 - 543/44	29
345/46 - 545/46	30
347/48 - 547/48	31
349/50 - 549/50	32
351/52 - 551/52	33
353/54 - 553/54	34
355/56 - 555/56	35
357/58 - 557/58	36
CH SW3 AQ	37
CH SW3 AR	38
CH SW3 AS	39
CH SW3 AT	40
CH SW3 AU	41
CH SW3 AV	42

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

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

ROME - FLORENCE

RATE NO.	CIRCUIT NO.
367 - 367	1
368 - 368	2
369 - 369	3
370 - 370	4
371 - 371	5
372 - 372	6
373 - 373	7
374 - 374	8
375 - 375	9
376 - 376	10
377 - 377	11
378 - 378	12
379 - 379	13
380 - 380	14
381 - 381	15
382 - 382	16
383 - 383	17
384 - 384	18
385 - 385	19
386 - 386	20
111 - 115	21
112 - 116	22
113 - 117	23
114 - 118	24

RATE NO.	CIRCUIT NO.
24/2-	49
25/26	50
27/28	51
29/30	52
31/32	53
33/34	54
17 - 21	55
18 - 22	56
17/19 - 21/23	57
01 [illegible] 00	58
02 [illegible] 00	59
03 [illegible] 02	60
04 [illegible] 02	61
19 - 20	62
19/20	63
15	64
16	65
15/16	66

367/68 - 367/68	25
369/70 - 369/70	26
371/72 - 371/72	27
373/74 - 373/74	28
375/76 - 375/76	29
377/78 - 377/78	30
379/80 - 379/80	31
381/82 - 381/82	32
383/84 - 383/84	33
385/86 - 385/86	34
111/12 - 115/16	35
113/14 - 117/18	36

23	37
24	38
25	39
26	40
27	41
28	42

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

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

SECRET

F L O R E N C E - B O L O G N A

PAIR NO.		CIRCUIT NO.	
FROM	301 - 501 to 332 - 532	FROM 1 to	32
	301/2 - 501/2		33
	303/4 - 503/4		34
	305/6 - 505/6		35
	307/8 - 507/8		36
	309/10 - 509/10		37
	311/12 - 511/12		38
	313/14 - 513/14		39
	315/16 - 515/16		40
	317/18 - 517/18		41
	319/20 - 519/20		42
	321/22 - 521/22		43
	323/24 - 523/24		44
	325/26 - 525/26		45
	327/28 - 527/28		46
	329/30 - 529/30		47
	331/32 - 531/32		48
	1		61
	2		62
	3		63
	4		64
	1/2		81
	3/4		82

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

BOLOGNA - VILLACH and UDINE - TRIESTE

PAIR NO.	CIRCUIT NO.
FROM 301 - 501 to 326 - 526	FROM 1 to 26
201 - 401	27
202 - 402	28
203 - 403	29
204 - 404	30
205 - 405	31
206 - 406	32
207 - 407	33
208 - 408	34
209 - 409	35
210 - 410	36
211 - 411	37
212 - 412	38
301/2 - 501/2	39
303/4 - 503/4	40
305/6 - 505/6	41
307/8 - 507/8	42
309/10 - 509/10	43
311/12 - 511/12	44
313/14 - 513/14	45
315/16 - 515/16	46
317/18 - 517/18	47
319/20 - 519/20	48
321/22 - 521/22	49
323/24 - 523/24	50
325/26 - 525/26	51
201/2 - 401/2	52
203/4 - 403/4	53
205/6 - 405/6	54
207/8 - 407/8	55
209/10 - 409/10	56
211/12 - 411/12	57
FROM 1 to 58	FROM 61 to 118
1/2	121
3/4	122
5/6	123
7/8	124
9/10	125
11/12	126
13/14	127

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

205 - 406	32
207 - 407	33
208 - 408	34
209 - 409	35
210 - 410	36
211 - 411	37
212 - 412	38
301/2 - 501/2	39
303/4 - 503/4	40
305/6 - 505/6	41
307/8 - 507/8	42
309/10 - 509/10	43
311/12 - 511/12	44
313/14 - 513/14	45
315/16 - 515/16	46
317/18 - 517/18	47
319/20 - 519/20	48
321/22 - 521/22	49
323/24 - 525/24	50
525/25 - 525/26	51
201/2 - 401/2	52
203/4 - 403/4	53
205/6 - 405/6	54
207/8 - 407/8	55
209/10 - 409/10	56
211/12 - 411/12	57

ITEM 1 to 58	ITEM 61 to 118
1/2	121
3/4	122
5/6	123
7/8	124
9/10	125
11/12	126
13/14	127
15/16	128
17/18	129
19/20	130
21/22	131
23/24	132
25/26	133
27/28	134
29/30	135
31/32	136
33/34	137
35/36	138
37/38	139
39/40	140
41/42	141
43/44	142
45/46	143
47/48	144
49/50	145
51/52	146
53/54	147
55/56	148
57/58	149

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BOLOGNA - CASTEGGIO

PAIR NO.		CIRCUIT NO.	
FROM	301 - 501 to 356 - 556	FROM 1	to 56
	301/2 - 501/2		57
	303/4 - 503/4		58
	305/6 - 505/6		59
	307/8 - 507/8		60
	309/10 - 509/10		61
	311/12 - 511/12		62
	313/14 - 513/14		63
	315/16 - 515/16		64
	317/18 - 517/18		65
	319/20 - 519/20		66
	321/22 - 521/22		67
	323/24 - 523/24		68
	325/26 - 525/26		69
	327/28 - 527/28		70
	329/30 - 529/30		71
	331/32 - 531/32		72
	333/34 - 533/34		73
	335/36 - 535/36		74
	337/38 - 537/38		75
	339/40 - 539/40		76
	341/42 - 541/42		77
	343/44 - 543/44		78
	345/46 - 545/46		79
	347/48 - 547/48		80
	349/50 - 549/50		81
	351/52 - 551/52		82
	353/54 - 553/54		83
	355/56 - 555/56		84

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

BOLOGNA - INNSBRUCK

FAIR NO.	CIRCUIT NO.
FROM 301 - 501 to 318 - 518	FROM 1 to 16
301/2 - 501/2	15
303/4 - 503/4	20
305/6 - 505/6	21
307/8 - 507/8	22
309/10 - 509/10	23
311/12 - 511/12	24
313/14 - 513/14	25
315/16 - 515/16	26
317/18 - 517/18	27
CH 1 SYS DO	31
CH 2 SYS DO	32
CH 1 SYS DP	33
CH 2 SYS DP	34
CH 1 SYS DQ	35
CH 2 SYS DQ	36
CH 1 SYS DR	37
CH 2 SYS DR	38
CH 1 SYS DS	39
CH 2 SYS DS	40
CH 1 SYS DT	41
CH 2 SYS DT	42
FROM 1 to 50	FROM 51 to 100
FROM 1/2 to 49/50	FROM 101 to 125

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

SUBJECT:- U/G Cable - Revised Overall Circuit Numbers

Allied Force Headquarters
Long Lines Liaison Office,
R O M E

Tel. No. RCME 566016

Ref. No. 311.2/2

To : As per Distribution.

20 Feb 46

1. Forwarded herewith, is schedule showing cable pair numbers and corresponding circuit numbers over the following State U/G Cable sections :-

NAPLES - BARI
NAPLES - ROME
ROME - FLORENCE
FLORENCE - BOLOGNA
BOLOGNA - VILLACH - TRIESTE
BOLOGNA - CASTEGGIO
BOLOGNA - INNSBRUCK

2. It should be noted that circuit numbers for Arezzo circuits over the BOLOGNA - VILLACH - TRIESTE section have been revised to obtain uniformity between individual repeater sections. All offices concerned should therefore amend records accordingly as soon as possible.

F.R. Lea Capt
for Brigadier,
Chief Signal Officer.

RH/RTN.

DISTRIBUTION :-

CSO AFHQ
CSO BTA
CSO FTA
CSO 13 Corps
CSO ACASCTA
CIC NAPLES Fault Control (2)
CIC BOLOGNA " " (2)
CIC ROME " " (2)
CIC FLORENCE " " (2)
CIC BARI " " (2)

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

4. Forwarded herewith, is schedule showing cable pair numbers and corresponding circuit numbers over the following State U/G Cable sections :-

NAPLES - BARI
NAPLES - ROME
ROME - FLORENCE
FLORENCE - BOLOGNA
BOLOGNA - VILLACH - TRIESTE
BOLOGNA - CASTEGGIO
BOLOGNA - INNSBRUCK

2. It should be noted that circuit numbers for 4-wire circuits over the BOLOGNA - VILLACH - TRIESTE section have been revised to obtain uniformity between individual repeater sections. All offices concerned should therefore amend records accordingly as soon as possible.

F.R. Fea Major
Brigadier,
Chief Signal Officer.

MJE/KTJ.

DISTRIBUTION :-

CSO AFHQ	OIC NAPLES Fault Control	(2)
CSO BTA	OIC BOLOGNA " "	(2)
CSO FTA	OIC ROME " "	(2)
CSO 13 Corps	OIC FLORENCE " "	(2)
CSO ACASRD	OIC BARI " "	(2)
CSO 2 District	OIC FOGGIA " "	(2)
CSO 3 District	OIC ANCONA " "	(2)
Signal Officer, NAAO	OIC CASERTA Maintenance Control	(2)
OC 2 GHQ Signals	OIC MILAN " "	(2)
OC 1 L of C Signals	OIC UDINE " "	(2)
OC 11 L of C Signals	OIC PADUA " "	(2)
OC 14 L of C Signals	OIC BOLOGNA Inspection Station	(2)
OC 16 L of C Signals	OIC MESTRE Test	(2)
	OIC TRIESTE Test	(2)
	OIC VERONA Test	(2)
	FREMCOMMS BOARD, KLAGENFURT	

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NAPLES - BARI

PAIR NO.		CIRCUIT NO.	
WEST	301 - 501 to 336 - 536	FROM 1 to	36
	301/2 - 501/2		37
	303/4 - 503/4		38
	305/6 - 505/6		39
	307/8 - 507/8		40
	309/10 - 509/10		41
	311/12 - 511/12		42
	313/14 - 513/14		43
	315/16 - 515/16		44
	317/18 - 517/18		45
	319/20 - 519/20		46
	321/22 - 521/22		47
	323/24 - 523/24		48
	325/26 - 525/26		49
	327/28 - 527/28		50
	329/30 - 529/30		51
	331/32 - 531/32		52
	333/34 - 533/34		53
	335/36 - 535/36		54
	CBI 3CS AB		55
	CBI 3CS AD		56
	CBI 3CS AG		57
	CBI 3CS AE		58
	CBI 3CS AC		59
	CBI 3CS AA		60
EAST	1 to 10	FROM 61 to	70
	1/2		81
	3/4		82
	5/6		83
	7/8		84
	9/10		85
	RADIO PAIR		91

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

NAPLES - ROME

PAIR NO.	CIRCUIT NO.
335 - 535	1
336 - 536	2
337 - 537	3
338 - 538	4
339 - 539	5
340 - 540	6
341 - 541	7
342 - 542	8
343 - 543	9
344 - 544	10
345 - 545	11
346 - 546	12
347 - 547	13
348 - 548	14
349 - 549	15
350 - 550	16
351 - 551	17
352 - 552	18
353 - 553	19
354 - 554	20
355 - 555	21
356 - 556	22
357 - 557	23
358 - 558	24
335/36 - 535/36	25
337/38 - 537/38	26
339/40 - 539/40	27
341/42 - 541/42	28
343/44 - 543/44	29
345/46 - 545/46	30
347/48 - 547/48	31
349/50 - 549/50	32
351/52 - 551/52	33
353/54 - 553/54	34
355/56 - 555/56	35
357/58 - 557/58	36
CH SYS AQ	37
CH SYS AR	38
CH SYS AS	39
CH SYS AT	40
CH SYS AU	41
CH SYS AV	42
CH SYS AW	43

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

345 - 545	
346 - 546	
347 - 547	
348 - 548	
349 - 549	
350 - 550	
351 - 551	
352 - 552	
353 - 553	
354 - 554	
355 - 555	
356 - 556	
357 - 557	
358 - 558	
335/36 - 535/36	
337/38 - 537/38	
339/40 - 539/40	
341/42 - 541/42	
343/44 - 543/44	
345/46 - 545/46	
347/48 - 547/48	
349/50 - 549/50	
351/52 - 551/52	
353/54 - 553/54	
355/56 - 555/56	
357/58 - 557/58	
CH SYS AQ	
CH SYS AR	
CH SYS AS	
CH SYS AT	
CH SYS AU	
CH SYS AV	
CH SYS AW	
CH SYS AX	
31 - 37	
32 - 38	
33 - 39	
34 - 40	
35 - 41	
36 - 42	
31/32 - 37/38	
33/34 - 39/40	
35/36 - 41/42	
43 - 44	
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45/46	
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29/30	
43/44	

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ROME - FLORENCE

PAIR NO.	CIRCUIT NO.	PAIR NO.	CIRCUIT NO.
367 - 367	1	25/34	49
368 - 368	2	27/36	50
369 - 369	3	29/38	51
370 - 370	4	26/30	52
371 - 371	5	31/32	53
372 - 372	6	33/34	54
373 - 373	7		
374 - 374	8	17 - 24	55
375 - 375	9	16 - 28	56
376 - 376	10	17/16 - 24/28	57
377 - 377	11		
378 - 378	12	001 329 25	58
379 - 379	13	001 [illegible] 26	59
380 - 380	14	001 [illegible] 27	60
381 - 381	15	001 [illegible] 28	61
382 - 382	16	19 - 20	62
383 - 383	17	19/20	63
384 - 384	18	15	64
385 - 385	19	15	65
386 - 386	20	15/16	66
111 - 115	21		
112 - 116	22		
113 - 117	23		
114 - 118	24		
367/68 - 367/68	25		
369/70 - 369/70	26		
371/72 - 371/72	27		
373/74 - 373/74	28		
375/76 - 375/76	29		
377/78 - 377/78	30		
379/80 - 379/80	31		
381/82 - 381/82	32		
383/84 - 383/84	33		
385/86 - 385/86	34		
111/12 - 115/16	35		
113/14 - 117/18	36		
25	37		
24	38		
25	39		
26	40		
27	41		
28	42		
29	43		
30	44		

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

FLORENCE - BOLOGNA

PAIR NO.		CIRCUIT NO.	
FROM	301 - 501 to 332 - 532	FROM 1 to	32
	301/2 - 501/2		33
	303/4 - 503/4		34
	305/6 - 505/6		35
	307/8 - 507/8		36
	309/10 - 509/10		37
	311/12 - 511/12		38
	313/14 - 513/14		39
	315/16 - 515/16		40
	317/18 - 517/18		41
	319/20 - 519/20		42
	321/22 - 521/22		43
	323/24 - 523/24		44
	325/26 - 525/26		45
	327/28 - 527/28		46
	329/30 - 529/30		47
	331/32 - 531/32		48
1			61
2			62
3			63
4			64
1/2			81
3/4			82

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

BOLOGNA - VILLACH and UDINE - TRIESTE

PAIR NO.	CIRCUIT NO.
FROM 301 - 501 to 326 - 526	FROM 1 to 26
201 - 401	27
202 - 402	28
203 - 403	29
204 - 404	30
205 - 405	31
206 - 406	32
207 - 407	33
208 - 408	34
209 - 409	35
210 - 410	36
211 - 411	37
212 - 412	38
301/2 - 501/2	39
303/4 - 503/4	40
305/6 - 505/6	41
307/8 - 507/8	42
309/10 - 509/10	43
311/12 - 511/12	44
313/14 - 513/14	45
315/16 - 515/16	46
317/18 - 517/18	47
319/20 - 519/20	48
321/22 - 521/22	49
323/24 - 523/24	50
325/26 - 525/26	51
201/2 - 401/2	52
203/4 - 403/4	53
205/6 - 405/6	54
207/8 - 407/8	55
209/10 - 409/10	56
211/12 - 411/12	57
FROM 1 to 56	FROM 61 to 116
1/2	121
3/4	122
5/6	123
7/8	124
9/10	125
11/12	126
13/14	127
15/16	128

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

207 - 407								33
208 - 408								34
209 - 409								35
210 - 410								36
211 - 411								37
212 - 412								38
501/2 - 501/2								39
503/4 - 503/4								40
505/6 - 505/6								41
507/8 - 507/8								42
509/10 - 509/10								43
511/12 - 511/12								44
513/14 - 513/14								45
515/16 - 515/16								46
517/18 - 517/18								47
519/20 - 519/20								48
521/22 - 521/22								49
523/24 - 523/24								50
525/26 - 525/26								51
201/2 - 401/2								52
203/4 - 403/4								53
205/6 - 405/6								54
207/8 - 407/8								55
209/10 - 409/10								56
211/12 - 411/12								57

FROM 1 to 58							FROM 61 to 118	
1/2								121
3/4								122
5/6								123
7/8								124
9/10								125
11/12								126
13/14								127
15/16								128
17/18								129
19/20								130
21/22								131
23/24								132
25/26								133
27/28								134
29/30								135
31/32								136
33/34								137
35/36								138
37/38								139
39/40								140
41/42								141
43/44								142
45/46								143
47/48								144
49/50								145
51/52								146
53/54								147
55/56								148
57/58								149

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

B O L O G N A - C A S T E G G I O

	PAIR NO.		CIRCUIT NO.	
FROM	301 - 501 to 356 - 556	FROM 1 to	56
	301/2 - 501/2	" "	57
	303/4 - 503/4	" "	58
	305/6 - 505/6	" "	59
	307/8 - 507/8	" "	60
	309/10 - 509/10	" "	61
	311/12 - 511/12	" "	62
	313/14 - 513/14	" "	63
	315/16 - 515/16	" "	64
	317/18 - 517/18	" "	65
	319/20 - 519/20	" "	66
	321/22 - 521/22	" "	67
	323/24 - 523/24	" "	68
	325/26 - 525/26	" "	69
	327/28 - 527/28	" "	70
	329/30 - 529/30	" "	71
	331/32 - 531/32	" "	72
	333/34 - 533/34	" "	73
	335/36 - 535/36	" "	74
	337/38 - 537/38	" "	75
	339/40 - 539/40	" "	76
	341/42 - 541/42	" "	77
	343/44 - 543/44	" "	78
	345/46 - 545/46	" "	79
	347/48 - 547/48	" "	80
	349/50 - 549/50	" "	81
	351/52 - 551/52	" "	82
	353/54 - 553/54	" "	83
	355/56 - 555/56	" "	84

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

307/8 - 507/8						60
309/10 - 509/10						61
311/12 - 511/12						62
313/14 - 513/14						63
315/16 - 515/16						64
317/18 - 517/18						65
319/20 - 519/20						66
321/22 - 521/22						67
323/24 - 523/24						68
325/26 - 525/26						69
327/28 - 527/28						70
329/30 - 529/30						71
331/32 - 531/32						72
333/34 - 533/34						73
335/36 - 535/36						74
337/38 - 537/38						75
339/40 - 539/40						76
341/42 - 541/42						77
343/44 - 543/44						78
345/46 - 545/46						79
347/48 - 547/48						80
349/50 - 549/50						81
351/52 - 551/52						82
353/54 - 553/54						83
355/56 - 555/56						84

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

BOLOGNA - INNSBRUCK

PAIR NO.	CIRCUIT NO.
FROM 301 - 501 to 318 - 518	FROM 1 to 18
301/2 - 501/2	19
303/4 - 503/4	20
305/6 - 505/6	21
307/8 - 507/8	22
309/10 - 509/10	23
311/12 - 511/12	24
313/14 - 513/14	25
315/16 - 515/16	26
317/18 - 517/18	27
CH 1 SES DC	31
CH 2 SES DJ	32
CH 1 SES JE	33
CH 2 SES BE	34
CH 1 SES DJ	35
CH 2 SES DQ	36
CH 1 SES DK	37
CH 2 SES DS	38
CH 1 SES DS	39
CH 2 SES DS	40
CH 1 SES DC	41
CH 2 SES DC	42
FROM 1 to 50	FROM 51 to 100
FROM 1/2 to 49/50	FROM 101 to 125

CR 789

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

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

Subject:- TELEPHONE CIRCUIT ALLOCATION DIAGRAM

Allied Force Headquarters
Long Lines Maison Office,
R O M E

Tel. No. ROME 566046

311.2/28-3

14 Mar 45

20 : AS PER DISTRIBUTION

Allocation Diagram Telephone Circuits ANCONA - BOLOGNA,
Issue No.13, is forwarded herewith on the scale shown below.

FILE	W/Fwd.
T.64	

Date 15 MAR 1946

FRT/REJ.

Director	
D/Director	
Chief Telecoms	
Chief Posts	
H Q Coms O	
Asst Chief Posts	
Censorship	
Chief Clerk.	

F. L. Kenyon
Brigadier,
Chief Signal Officer.

DISTRIBUTION:-

CSO AFHQ	1
CSO 2 District	1
CSO 3 District	1
OC 1 L of C Signals	1
OC 16 L of C Signals	1
Major B.S. BURKE, c/o Sig Office, 2 District	2
OIC BOLOGNA Fault Control	2
OIC ANCONA Fault Control	1
OIC FOGGIA Fault Control	1
Director, Comm Sub-Commission, MFAC.	4 (1 for Military Mission of P. C. E.)
Director, U.S.F.	1
OIC BOLOGNA Repeater Station	

5788 (for office)

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SUBJECT:- Allocation Diagram :
BOLOGNA - INNSBRUK
Issue No. 10.

Allied Force Headquarters
Long Lines Liaison Office,
R O M E

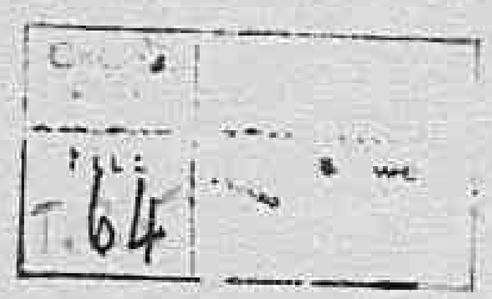
Tel. No. ROSS 56606

311.2/28-3

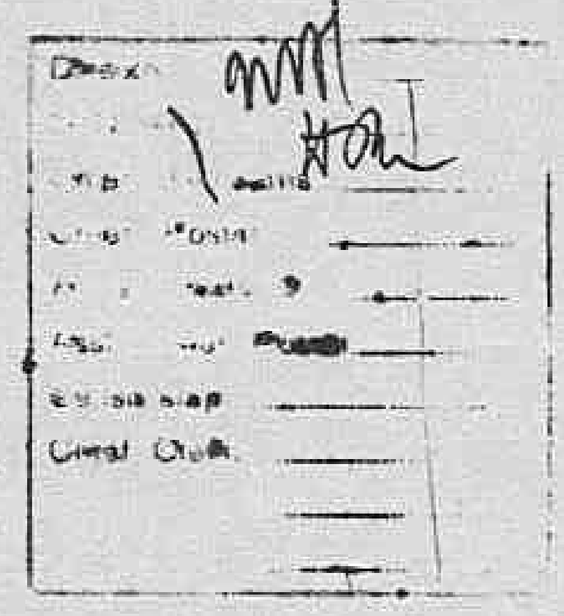
7 Mar 46

Distribution : As below.

Allocation Diagram BOLOGNA - INNSBRUK, Issue No.10, is forwarded herewith on the scale shown below.



Date 25 MAR 1946



H.K. Kenyon-Slaney
Brigadier,
Chief Signal Officer.

HKS/RCW.

DISTRIBUTION:-

CSO NAFO	-	3 (2 for War Office)
CSO AGASSEY	-	1
Signal Officer, BTFA	-	1
CSO 2 District	-	1
Director, Comms Sub-Commission, H) A.C.	-	1
Chief Com Communication, H) BTFA, INNSBRUCK	-	3
GC & S L of C Signals	-	1
GC Signals, 60 Sub Area	-	1

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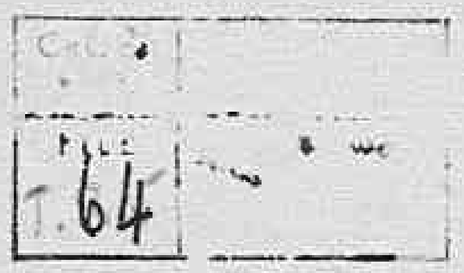
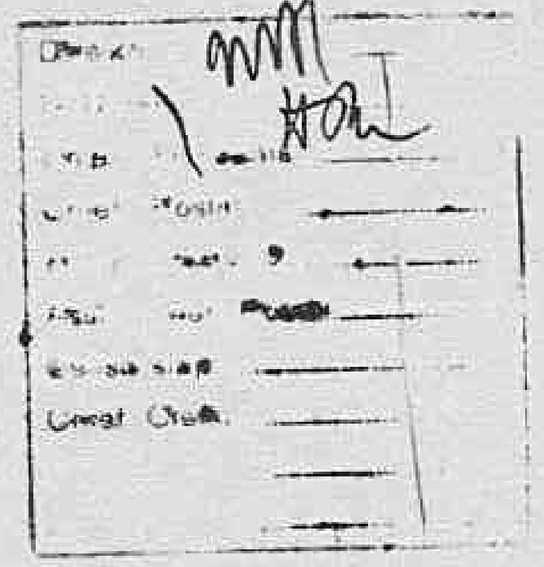
Declassified E.O. 12356 Section 3.3/NND No. 785015

Allocation Diagram BULGARIA - INNSBRUCK, Issue No.10, is forwarded herewith on the scale shown below.



Date 25 MAR 1946



H.C.L. Hap

Brigadier,
Chief Signal Officer.

HCL/RCJ.

DISTRIBUTION:-

CSO AMMO	-	3 (2 for War Office)
CSO ACASERN	-	1
Signal Officer, USFA	-	1
360 2 District	-	1
Director, Comms Sub-Commission, FA A.C.	-	1
Chief des Transmissions, FA FFA, INNSBRUCK	-	1
GC 1 L of C Signals	-	1
GC Signals, 60 Sub Area	-	1
Long Lines Control, KITZBUHEL	-	1
Major BURNS, c/o Signal Office, No.2 District	-	1
Director, U.S.F.	-	5 (2 for Embassy of P. & T.)
G.1/c BULGARIA Field Control	-	2
G.1/c MILAN Reinforcement Control	-	1
G.1/c TRIESTE Sub	-	1
G.1/c BULGARIA Regulator Station	-	2

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

SUBJECT:- Allocation Diagram: UDINE - TRIESTE.
Issue No.1.

Allied Force Headquarters
Long Lines Liaison Office,
R O M E

Tel. No. RCAS 566016

311.2/28-3

1 Mar 46

To : See below

Allocation Diagram UDINE - TRIESTE, Issue No.1, is forwarded herewith on the scale shown below.

T64

Date 25 MAR 1946

1

Line Diagram

Director
Deputy
Chief Engineer
Chief Plans
Chief Operations
Asst Chief Plans
Maintenance
Chief Clerk

K Le Mayor

Brigadier.
Chief Signal Officer.

ERT/ERJ.

DISTRIBUTION :-

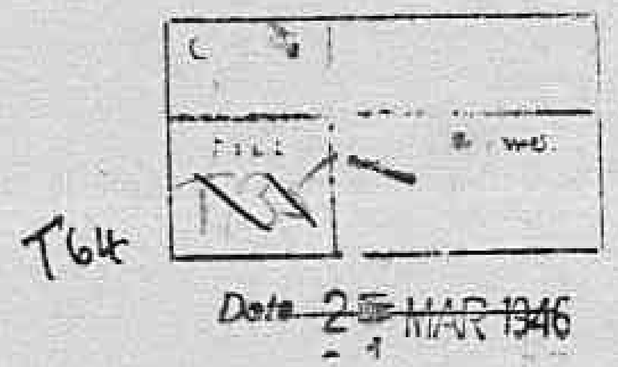
CSO AFHQ - 3 (1 for War Office)
CSO BTA - 1
CSO ACASERT - 1
CSO 15 CORPS - 1

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

1 Mar 46

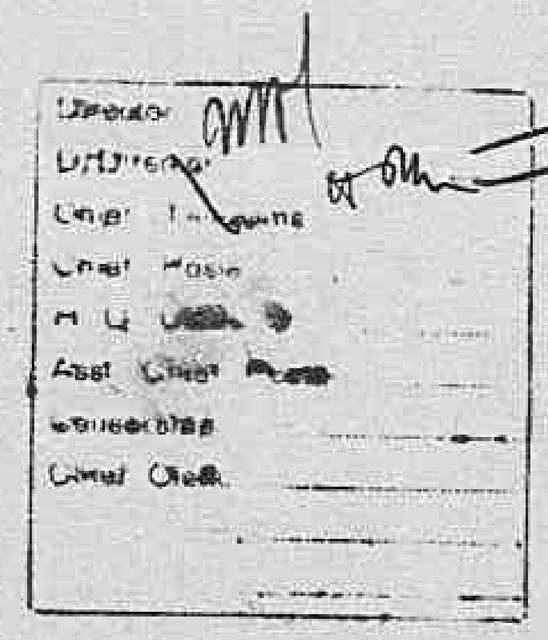
To : See below

Allocation Diagram UDINE - TRIESTE, Issue No.1, is forwarded herewith on the scale shown below.



T64

Date 2 MAR 1946



K. Le. Major
Brigadier,
Chief Signal Officer.

EET/RTJ.

DISTRIBUTION :-

CSO AFHQ	-	3 (1 for War Office)
CSO BTA	-	1
CSO ACABINIT	-	1
CSO 13 CORPS	-	1
CSO 2 DISTRICT	-	1
SIGNAL OFFICER, USFA	-	1
C of L OF C SIGNALS	-	1
DIRECTOR, COMM SUB-COMMISSION, A.C.	-	1
DIRECTOR, U.S.T.	-	5 (2 for Ministry of P. & T.)
TRIESTE BOARD, KLAGENFURT	-	1
TRIESTE BOARD, GRAZ	-	1
OIC NAPLES INLET CONTROL	-	1
OIC BOLOGNA " "	-	2
OIC FLORENCE " "	-	1
OIC ROME " "	-	1
OIC CASERTA TRANSMITTER CONTROL	-	1
OIC MILAN " "	-	1
OIC PADUA " "	-	1
OIC VENICE " "	-	1
OIC TRIESTE TEST	-	1
OIC RESTAN "	-	1
BOLOGNA REPEATER STATION	-	1

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

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

HEAD UARTERS ALLIED COMMISSION
APO 394
Communications Sub-Commission HHS/ec

T.64.78.CS 1st March 1946

SUBJECT: Telegraph Channel Rome - Milan

TO : Director General of PP & TT. ROME

1. Reference is made to your letter of 15 Feb., 1946 Ref. 897210/TFV.

2. It is regretted that no telegraph circuit can be made available from military facilities as at present there is only 1 Rome - Milan military telegraph circuit which is fully occupied.

3. Perhaps your Administration could give consideration to renting circuit time to the I.T.T. for use with teletypes. This is a practice in common use in many countries and results in a sizeable revenue without any increase in expense.

H.H.SCUDDER,
Col.Sig.C.
Director.

Subject:- Allocation and Maintenance Responsibilities - Hand over to Italian Long Lines Department of certain O/H facilities.

Allied Force Headquarters
Long Lines Liaison Office,
R O M E

Tel. No. ROME 566016

413.4/13

13 Feb 46

To : As per distribution.

1. W.e.f. 18 Feb 46, the following O/H routes will become the responsibility of the Italian Long Lines Department for allocation and maintenance purposes :

NAPLES - ROME	Routes W1, W2, W3 (following Route 7).
ROME - BOLOGNA	Routes P1, P2, P3, P4.
ROME - FOLIGNO - FLORENCE	Routes S1, S2, S3.
FOLIGNO - FALCONARA	Route LR1.
FALCONARA - ANCONA	Route R6 (those circuits extended to route LR1 only).
ANCONA - FOGGIA	Route W6.
FOGGIA - BENEVENTO - NAPLES	Routes LB2, C2, C1.
BARI - NAPLES	Routes LA1, LA2, LA3, LA4.

2. The responsibilities of Military Fault Control Officers affected by this handover, will be modified as directed for the previous handovers detailed in this office letters of even reference dated 30 Jan and 11 Feb 46. 12 and 51A

3. Attached at Appendix "A" to this letter is a list of circuits which require priority repair attention over the facilities being taken over by the Italian Long Lines Department.

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

Tel. No. ROME 566016

413.4/13

To : As per distribution.

13 Feb 46

1. W.e.f. 18 Feb 46, the following O/H routes will become the responsibility of the Italian Long Lines Department for allocation and maintenance purposes :

NAPLES - ROME	Routes W1, W2, W3 (following Route 7).
ROME - BOLOGNA	Routes P1, P2, P3, P4.
ROME - FOLIGNO - FLORENCE	Routes S1, S2, S3.
FOLIGNO - FALCONARA	Route LE1.
FALCONARA - ANCONA	Route P6 (these circuits extended to route LE1 only).
ANCONA - FOGGIA	Route V6.
FOGGIA - BENEVENTO - NAPLES	Routes LB2, C2, C4.
BARI - NAPLES	Routes LA1, LA2, LA3, LA4.

2. The responsibilities of Military Fault Control Officers affected by this handover, will be modified as directed for the previous handovers detailed in this office letters of even reference dated 30 Jan and 11 Feb 46. — see 72 and 51A

3. Attached at Appendix "A" to this letter is a list of circuits which require priority to route attention over the facilities being taken over by the Italian Long Lines Department.

[signature]
Brigadier,
Chief Signal Officer.

JCB/RTJ.

DISTRIBUTION /... Sheet "2"

T35

15 FEB 1946

T64

26

ENCL NIA

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

DISTRIBUTION :

ACTION : CSO 2 Districts
CSO 3 Districts
CC 4 L of C Signals
CC 11 L of C Signals
CC 16 L of C Signals
CIC Fault Control, NAPLES (with 10 copies of Appendix "A")
CIC Fault Control, ROME " 10 " " " "
CIC Fault Control, BARI " 10 " " " "
CIC Fault Control, FOGGIA " 10 " " " "
CIC Fault Control, FLORENCE " 10 " " " "
CIC Fault Control, ANCONA " 10 " " " "
CIC Fault Control, BOLOGNA " 10 " " " "

INFO : CSO AFHQ
Director, Combat Sub-Commission, A.C.
CSO 15 Corps
CSO Air Def Signals, AFHQ., NAPLES
Signal Officer, NAAF
Signal Officer, PBS
Signal Officer, PBS (SCOTT)
CC 2 (ZI) Signals
CC 14 L of C Signals
Wire Officer, 31st Signal Service Group
CIC CASERTA Maintenance Control
CIC MILAN Maintenance Control
Director U.S.T. (2 - one copy for Ministry of P & T)

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

OIC Fault Control, [illegible]	"	10	"	"	"	"
OIC Fault Control, NAPLES	"	10	"	"	"	"
OIC Fault Control, PISA	"	10	"	"	"	"
OIC Fault Control, FLORENCE	"	10	"	"	"	"
OIC Fault Control, ANCONA	"	10	"	"	"	"
OIC Fault Control, BOLOGNA	"	10	"	"	"	"

INFO : CSO AFHQ
Director, Comm Sys Organization, A.C.
CSO 15 Corps
CSO Air Fce Signals, Adj., NAIR
Signal Officer, TAC
Signal Officer, PBS
Signal Officer, PBS (SCOFT)
CO 2 GHQ Signals
CO 4, 5 or 6 Signals
Wire Officer, 51st Signal Service Group
OIC CASERTA Maintenance Control
OIC MILAN Maintenance Control
Director U.S.T. (2 -- one copy for Ministry of P & T)

5779

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

APPENDIX 'A' to AHQ Long Lines Liaison Office
Letter 413.4/13 dated 13 Feb 46.

CIRCUITS PASSING OVER O/H ROUTES DETAILED IN REFERENCE LETTER WHICH MUST BE RE-ROUTED UP FOR ANY REASON THEY ARE LIKELY TO REMAIN OUT OF ORDER FOR MORE THAN TWO HOURS.

DESIGNATION	NO. OF CCTS IN GROUP	NO. OF CIRCUITS TO BE GIVEN PRIORITY	REMARKS
AHQ OPS - RAF FOGGIA	1	1	
ANCONA LD - FOGGIA LD	1	1	
ANCONA LD - FLORENCE LD	2	1	
ANCONA LD - ROME LD	2	1	
BARI LD - ROME LD	2	1	One of these circuits is routed via NAPLES in the State UC Cable.
FOGGIA LOG - NAPLES LD	2	1	
FREEDOM - NEWMARKET	1	1	

NOTE: VFT Systems, Engineering and Fault Control speaker circuits are not shown, since these are included automatically in the 'priority circuit category'.

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

DESCRIPTION	CCTS IN GROUP	CCTS REQUIRED	
AHQ OPS - RAF FOGGIA	1	1	
BROOKE LD - FOGGIA LD	1	1	
AMOOMA LD - FLORENCE LD	2	1	
AMOOMA LD - ROME LD	2	1	
BARI LD - ROME LD	2	1	One of these circuits is routed via NAPLES in the State UC Cable.
FOGGIA LOG - NAPLES LD	2	1	
FREEDOM - NEWMARKET	1	1	

NOTE: VFT Systems, Engineering and Fault Control speaker circuits are not shown, since these are included automatically in the 'priority circuit category'.

5778

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

HEADQUARTERS
LOMBARDIA REGION LIAISON GROUP
ALLIED COMMISSION
APO 394

Tel.Milano 12781

14 February 1946

CMS/3

SUBJECT : Telephone Cables.

TO : DIRRZIONE GENERALE SOC. T.I.M.O. TORINO

Your letter 2737/1250/OR refers.

1. I understand the Azienda di Stato has already notified you of the date fixed for the inspection of the cable now at Gallarate as being the 19th February.

2. Although in the past special releases of Telecoms. material were obtained from District Commanders without delay, I regret that with respect to the cable now blocked by ARAR at Busalla and Ronco Scrivia, the same procedure cannot be adopted.

3. Local District Commanders were allowed in the past to release such material from captured sources as was needed for ensuring "essential" civilian services. These services are now in operation and have been so for some months.

4. The Ministry of PP. & TT. has now been advised to bring pressure on ARAR for priority releases of Telecoms material handed over to them and you are suggested to press for an early settlement and release of the Busalla and Ronco Scrivia cables with ARAR through ministerial channels.

For the Chief Liaison Officer

A. C. Holland.

A.C. HOLLAND

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

TORINO

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2. Although in the past special releases of Telecoms. material were obtained from District Commanders without delay, I regret that with respect to the cable now blocked by ARAR at Busalla and Ronco Scrivia, the same procedure cannot be adopted.

3. Local District Commanders were allowed in the past to release such material from captured sources as was needed for ensuring "essential" civilian services. These services are now in operation and have been so for some months.

4. The Ministry of PP. & TT. has now been advised to bring pressure on ARAR for priority releases of Telecoms material handed over to them and you are suggested to press for an early settlement and release of the Busalla and Ronco Scrivia cables with ARAR through ministerial channels.

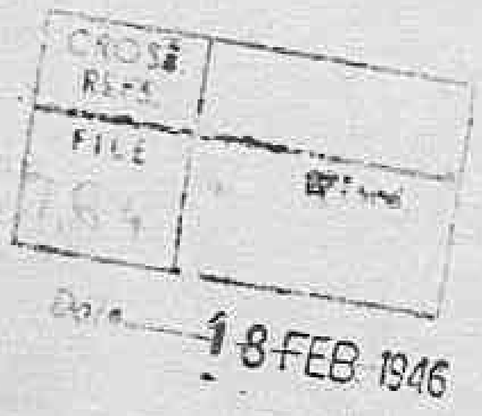
For the Chief Liaison Officer

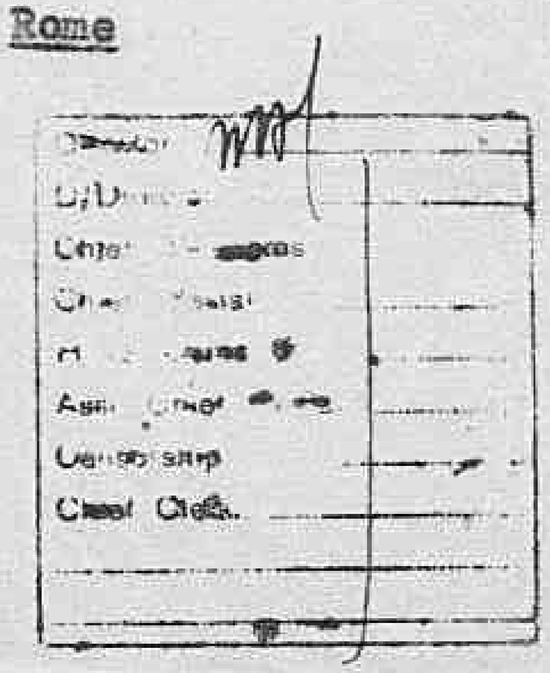
A. C. Holland

A.C. HOLLAND
Major R. Signals
Telecoms. Liaison Officer
N.W.Italy.

Copy to :
- HEADQUARTERS ALLIED COMMISSION
  att: Communications Sub-Commission Rome

5777





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

Subject:- Allocation and Maintenance Responsibilities - Hand-over to Italian Long Lines Department of State Cable South of NAPLES.

Allied Force Headquarters
Long Lines Liaison Office
P O W F

Tel. No. RCE 56606

Ref. No. LLL/43

6th February 1946

AS PER DISTRIBUTION.

1. Substitute new Appendix "A", enclosed herewith, for that forwarded with this office letter of even reference, dated 30th January 1946.

H. Lee Carl
Brigadier,
Chief Signal Officer,

FOR/ALF.

DISTRIBUTION:-

CSO 5 District
OC 14 L of C Signals (with 10 copies of Appendix "A")
OIC Fault Control Naples (" 10 " " ")
OIC Fault Control Bari (" 10 " " ")

CSO AFHQ
✓ Director Comms Sub-Commission AC (2) one copy for Ministry of P & T)
CSO 13 Corps
CSO 2 District
CSO Air Fmn Signals AAI Italy
Sig O R/C
Sig O PBS
Sig O PBS (South)
OC 2 GHQ Signals
OC 1 L of C Signals
OC 14 L of C Signals
OC 16 L of C Signals
Wire Officer 3141 Signal Service Group
OIC Fault Control Bologna
OIC Fault Control Rome
OIC Fault Control Florence
OIC Fault Control Foggia
OIC Fault Control Ancona

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

30th January 1945.

For Chief.

H. Lee Bell
Engineer.
Chief Signal Officer.

DISTRIBUTION:-

CSO 3 Districts
OC 14 L of C Signals (Wire 10 copies of Appendix "A")
OTC Fault Control Naples (" 10 " " " ")
OIC Fault Control Bari (" 10 " " " ")

CSO AFHQ
Director Comms Sub-Commission AC (2) one copy for Ministry of P & T)
CSO 13 Corps
CSO 2 District
CSO Air Force Signals AFHQ Italy
Sig O Road
Sig O FBS
Sig O FBS (South)
OC 2 GHQ Signals
OC 1 L of C Signals
OC 14 L of C Signals
OC 16 L of C Signals
Wire Officer 3:4 Signal Service Group
OTC Fault Control Bologna
OIC Fault Control Rome
OIC Fault Control Florence
OIC Fault Control Foggia
OIC Fault Control Ancona
OIC Caserta Maintenance Control
OIC Milan Maintenance Control
War Diary (2)
Director U.S.T.

T64 135

Date

Director
O/C
Chief
Chief
Asst Chief
Cashier
Chief Clerk

5

5776

76B

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

Appendix "A" to AFHQ Long Lines Liaison Office Letter 415.4/13 dated 30 Jan 46.

CIRCUITS SOUTH OF NAPLES TO BE REROUTED IF FOR ANY REASON THEY ARE LIKELY TO REMAIN OUT OF ORDER FOR MORE THAN TWO HOURS.

DESIGNATION	NO. OF CCTS IN GROUP	NO. OF CIRCUITS TO BE GIVEN PRIORITY	REMARKS
AS POLI - BARI PRIORITY	1	1	
AS POLI - BARI A/F	1	1	
AHQ GPS - 249 WING	1	1	
BARI LD - FREEDOM	2	1	
BARI LD - NAPLES LD	5	2	
BARI LD - ROLF LD	2	1	One of these cots is routed via ANCONA - FOGGIA.

NOTE:- VHF Systems not shown since these are included automatically as priority circuits.

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

Subject:- Allocation and Maintenance Responsibilities - Hand-over to Italian Long Lines Department of State Cable South of NAPLES.

Allied Force Headquarters
Long Lines Liaison Officer
R O M E

Tel. No. MOLE 565 & 6

Ref. No. LLL/4/13

6th February 1946

AS PER DISTRIBUTION.

1. Substitute new Appendix "A", enclosed herewith, for that forwarded with this office letter of even reference, dated 30th January 1946.

FRT/RLF.

Brigadier,
Chief Signal Officer.

DISTRIBUTION:-

CSO 5 District
OC 11 L of C Signals (with 10 copies of Appendix "A")
OIC Fault Control Naples (" 10 " " ")
OIC Fault Control Bari (" 10 " " ")

CSO AFHQ
Director Comms Sub-Commission AC (2 plus copy for Ministry of P & T)
CSO 13 Corps
CSO 2 District
CSO Air Fmn Signals AFHQ Italy
Sig O RAAC
Sig O PPS
Sig O PBS (South)
OC 2 GHQ Signals
OC 1 L of C Signals
OC 14 L of C Signals
OC 16 L of C Signals
Wire Officer 3141 Signal Service Group
OIC Fault Control Bologna
OIC Fault Control Rome
OIC Fault Control Florence
OIC Fault Control Foggia
OIC Fault Control Ancona
OIC Caserta Maintenance Control

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

DISTRIBUTION:-

CSO 3 District
OC 11 L of C Signals (with 10 copies of Appendix "A")
OIC Fault Control Naples (" 10 " " ")
OIC Fault Control Bari (" 10 " " ")

CSO AFHQ
Director Comms Sub-Commission AC (2) one copy for Ministry of P & T)
CSO 15 Corps
CSO 2 District
CSO Air Force Signals AFHQ Italy
Sig O RAAC
Sig O PRS
Sig O PRS (South)
OC 2 GHQ Signals
OC 4 L of C Signals
OC 14 L of C Signals
OC 16 L of C Signals
Wire Officer 3141 Signal Service Group
OIC Fault Control Bologna
OIC Fault Control Rome
OIC Fault Control Florence
OIC Fault Control Foggia
OIC Fault Control Ancona
OIC Caserta Maintenance Control
OIC Milan Maintenance Control
War Diary (2)
Director U.S.T.

577.

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

Appendix "A" to AFHQ Long Lines Liaison Office Letter 14/4/43 dated 30 Jan 46.

CIRCUITS SOUTH OF NAPLES TO BE REROUTED IF FOR ANY REASON THEY ARE LIKELY TO REMAIN OUT OF ORDER FOR MORE THAN TWO HOURS.

DESIGNATION	NO. OF CCTS IN GROUP	NO. OF CIRCUITS TO BE GIVEN PRIORITY	REMARKS
AS FORT - PAF BARIDISA	1	1	
AS FORT - BARI A/F	1	1	
AHQ CPS - 243 WING	1	1	
BARI LD - FOGGIA	2	1	
BARI LD - NAPLES LD	5	2	
BARI LD - ROME LD	2	1	One of these cctts is routed via ANCONA - FOGGIA.

NOTE:- VHF Systems not shown since these are included automatically as priority circuits.

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

DESIGNATION	CODES IN GROUP	GIVEN PRIORITY	REMARKS
AS PCLI - RAF DRIFFIELD	1	1	
AS PCLI - BARI A/F	1	1	
AHQ OPS - 2A9 WING	1	1	
BARI LD - FERRYDOCK	2	1	
BARI LD - NAPLES LD	5	2	
BARI LD - ROME LD	2	1	One of these ones is routed via AHQCHQ - FOGGIA.

NOTE:- VFT System not shown since these are included automatically as priority circuits.

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

SUBJECT:- Allocation Diagram :
BOLOGNA - INNSBRUCK
Issue No. 9

Allied Force Headquarters
Long Lines Liaison Office,
R O M E

Tel. No. ROME 566016

311.2/28-3

5 Feb 46

Distribution:- See below.

Allocation Diagram BOLOGNA - INNSBRUCK, Issue No.9 is forwarded herewith on the scale shown below.

JCB/RLT.

F.R. Le. Capr.
Brigadier,
Chief Signal Officer.

DISTRIBUTION:-

CSO AMMS	-	5 (2 for War Office)
CSO ACSONIA	-	1
CHIEF NCS TRANSMISSION, HQ MTA INNSBRUK	-	3
CSO 2 DISTRICT	-	1
DIRECTOR, COMMS SUB-COMMISSION, HQ A.C.	-	1
OC T & C O SIGNALS	-	4
OC SIGNALS 60 SUB AREA	-	1
SIGNAL OFFICER, MLMA	-	1
LONG LINES CONTROL, WIESBADEN	-	1
MINISTRY OF P & T	-	2
U.S.T.	-	3
Major BURNS, c/o Signal Office, No.2 District.	-	1
O.i/c BOLZANO Radio Control	-	2
O.i/c MILAN Maintenance Control	-	1
O.i/c VERONA [illegible]	-	1

Director [illegible]

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

JOB/RHJ.

for Lt. Col.
Brigadier,
Chief Signal Officer.

DISTRIBUTION:- CSO AFHQ - 3 (2 for War Office)
CSO ACHSALT -
CHIEF OPS TRANSMISSIONS, HQ FTA IMMINGHAM -
CSO 2 DISTRICT -
DIRECTOR, COMMS SUB-COMMISSION, HQ A.C. -
CO 1 L. OF C SIGNALS -
OC SIGNALS 60 SUB AREA -
SIGNAL OFFICER, TEFA -
ZONE LINES CONTROL, WINSBADEN -
MINISTRY OF P & T -
U.S.T. -
Major BURNS, c/o Signal Office, No.2 District. -
O.i/c BOLOGNA Fault Control -
O.i/c MILAN Maintenance Control -
O.i/c VERONA Test -
O.i/c BOLOGNA Repeater Station -

Director
Asst Chief
Censorship
Chief Clerk

CHIEF OPS
FILE T25
Re: WC.
Date

T64

5772

76A

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

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

Translation by Fiori

Ref:897210/T.F.V. 15-2-1946

From:Ministry of PP.TT.

Subject:Telegraphe channel Roma-Milano for I.T.

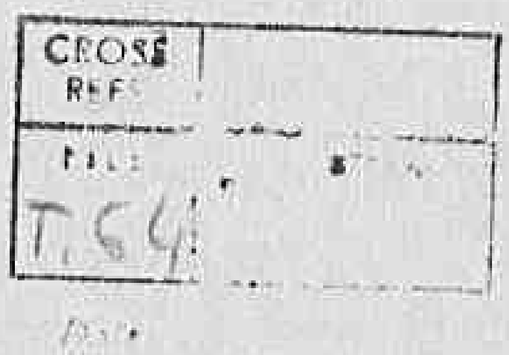
Your sub-Commission knows that International Telephone and Telegraph Corporation sent to Italy its own officials just to study on the telegraph and telephone national network.
The above said I.T. and T. pointed out to need,for communications regarding its officials study,a telegraph channel between Rome(Via Emilia 86) and Milan(Via Monte di Pieta'24).

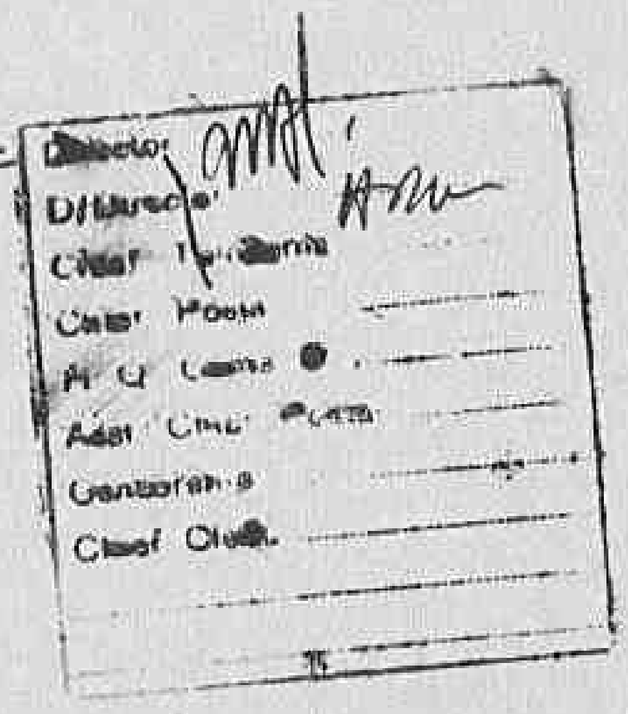
Having not our Ministry the possibility to grant one of the Roma-Milano channels,your sub-Commission is kindly requested to examine the possibility of granting to ITT a channel of Allied Military network.

Please give a prompt reply.

The Gen. Dir.

leave for Col Scudder





5770

76

1205

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

Translation by Fiori

Ref:897210/T.F.V.

15-2-1946

From:Ministry of PP.TT.

Subject:Telegraphe channel Roma-Milano for I.T.

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Please give a prompt reply.

The Gen. Dir.

5769

Mod 175

Ministero delle Poste e delle Telecomunicazioni

15 FEB. 1946

SERVIZIO VI° UFFICIO 3°
PROT. 897210/T.F.V

OGGETTO:- Canale telegrafico Roma-Milano per I.T. e T.-

- HAEDQUARTERS
ALLIED COMMISSION
COMMUNICATIONS SUB-COMMISSION
R O M A

Com'é noto a Codesta On.Commissione, la International Telephone e Telegraph Corporation ha inviato in Italia propri funzionari per eseguire uno studio sulla rete telegrafica e telefonica nazionale.-

La predetta I.T. e T. ha fatto presente di aver necessità per comunicazioni inerenti al detto studio, di un canale telegrafico tra Roma (Via Emilia 86) e Milano (Via Monte di Pietà 24).-

Poiché questo Ministero non ha la possibilità di cedere uno dei canali Roma-Milano, si prega codesta On.Commissione di volere esaminare favorevolmente la possibilità di cedere alla ITT un canale della rete militare Alleata.-

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

- HAEDQUARTERS
ALLIED COMMISSION
COMMUNICATIONS SUB-COMMISSION
R O M A

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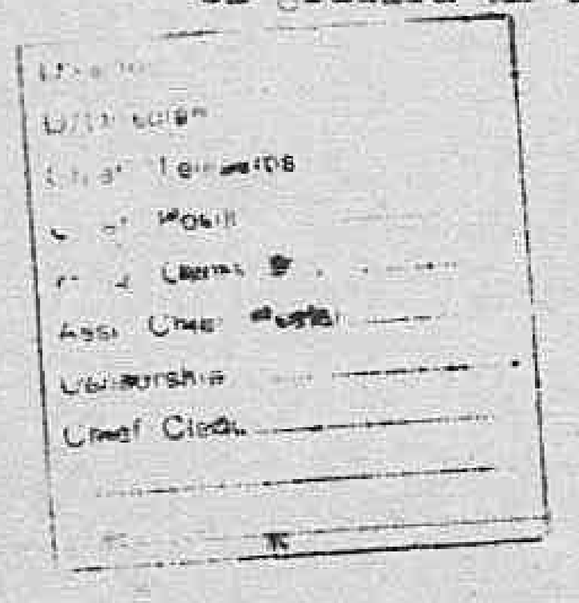
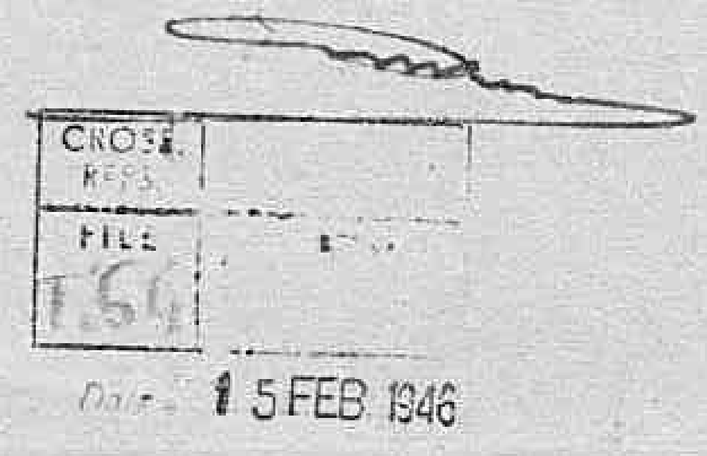
Si gradirà un cortese cenno di riscontro

IL DIRETTORE GENERALE





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

T.54

Date 12 FEB

Subject:- Allocation and Maintenance Responsibilities - Hand over to Italian Long Lines Dept of State Cable NAPLES - ROME - FLORENCE - BOLOGNA (less 2-wire Circuits NAPLES - CASSERTA).

Allied Force Headquarters
Long Lines Liaison Office;
R O M E

Tel. No. ROME 566016

413.4/13

To : As per distribution.

11 Feb 46

1. The Italian State Cable NAPLES - BOLOGNA, less the 2-wire circuits NAPLES - CASERTA, will be handed over to the Italian Long Lines Department for complete control w.e.f. 18 Feb 46.

2. As a result of this hand-over there will be a divided responsibility in control at ROME F.C., FLORENCE F.C. and BOLOGNA F.C. At NAPLES F.C. divided control already exists (this office letter of even reference dated 30 Jan 46 refers). The MBRESPE Regional Directors will become Fault Control Officers as far as the aforementioned cable is concerned, and in this respect the military Fault Control Officers will act in a liaison capacity only. Responsibilities for the remainder of the system will remain unchanged for the present.

3. In accordance with CSO L of C ITALY Signal Instruction No.27, this office will inform military Fault Control Officers of Italian Circuit Order references affecting the military telephone network and concerned entirely with the State Cable South of NAPLES, together with the target date and time agreed for completion. Where a circuit change affects facilities under military and civilian control respectively, e.g. a change affecting FREEDOM - 13 ORMS, the complete information will be given ina TCO issued by this office in order to avoid any opportunity for confusion. In such a case however, the executive order for the change as far as the Italian controlled facilities are concerned will still be issued by the Italian Long Lines Department.

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

413.4/13

To : As per distribution.

11 Feb 46

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4. Italian Circuit Orders will be issued through the normal civilian telegraph network. The military Fault Control Officer will arrange to obtain copies of all such orders affecting the Military System, and will advise this office of completions in these cases.

5. Special attention is drawn to paragraph 12 of CSO L of C ITALY Signal Instruction No.27, particularly those sub-paras dealing with record maintenance.

6. Attached at Appendix "A" to this letter is a list of circuits which require priority reroute attention over the facilities being taken over by the Italian Long Lines Department. The principles governing reroutes as laid down in CSO L of C ITALY Signal Instruction No.20 should be explained to the Italian Fault Control Officer, pending the issue of a parallel instruction by the Italian Long Lines Department. Sufficient copies of Appendix "A" are forwarded to ensure liberal distribution to Italian staff within the Fault Control areas.

5767

7. / ..... Sheet "2"

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

7. Although it is emphasised that every assistance in the way of advice must be given by the military Fault Control Officers to their civilian opposite numbers, the Italian staff must carry out its proper functions and responsibilities.

Lt Col
for Brigadier,
Chief Signal Officer.

JCE/RWJ.

DISTRIBUTION:-

ACTION : CSO 2 District
CSO 3 District
CO 1 L of C Signals
CO 11 L of C Signals
CO 16 L of C Signals
OIC Fault Control, NAPLES (with 10 copies of Appendix "A")
OIC Fault Control, ROME " 10 " " " "
OIC Fault Control, FLORENCE " 10 " " " "
OIC Fault Control, BOLOGNA " 10 " " " "

INFO : CSO AFHQ
Director Comms Sub-Commission, A.C. ✓

CSO 13 Corps
CSO Air Fmn Sigs (HQ MAAF
Signal Officer, MAC
Signal Officer, ESS
Signal Officer, ZBS (SOUSS)
CO 2 GHQ Signals
CO 15 L of C Signals
Wire Officer, 3145 Signal Service Group
OIC Fault Control, PISA

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JCE/ETJ.

DISTRIBUTION:-

ACTION : CSO 2 District
CSO 3 District
CO 1 L of C Signals
CO 11 L of C Signals
CO 16 L of C Signals
OIC Fault Control, NAPLES (with 10 copies of Appendix "A")
OIC Fault Control, ROME " 10 " " " "
OIC Fault Control, FLORENCE " 10 " " " "
OIC Fault Control, BOLOGNA " 10 " " " "

INFO : CSO AFHQ
Director Comms Sub-Commission, A.C. ✓

CSO 13 Corps
CSO Air Force Sigs AFHQ MEAFE
Signal Officer, EAAC
Signal Officer, LSS
Signal Officer, PBS (SUSAN)
CO 2 GHQ Signals
CO 14 L of C Signals
Wire Officer, 31st Signal Service Group
OIC Fault Control, FOGGIA
OIC Fault Control, ANCONA
OIC Fault Control, BARI
OIC CASERTA Maintenance Control
OIC MILAN Maintenance Control
Director U.S.T. (2 - one copy for Ministry of P & T)

5766

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APPENDIX "A" to AHQ Long Lines Liaison Office
letter 413.4/13 dated 11 Feb 46.

CIRCUITS NAPLES - BOLOGNA TO BE REROUTED IF FOR ANY REASON THEY ARE LIKELY TO REMAIN OUT OF ORDER FOR MORE THAN TWO HOURS.

DESIGNATION	NO. OF OCTS IN GROUP	NO. OF CIRCUITS TO BE GIVEN PRIORITY	REMARKS
ACASRIT - ROME LD	1	1	
AHQ OPS - RAF BOLOGNA	1	1	
AHQ OPS - 149 STAGING POST	1	1	
BARI LD - ROME LD	2	1	One of these circuits is routed via ANCONA - FOGGIA.
BOLOGNA LD - FLORENCE LD	6	2	
BOLOGNA LD - NAPLES LD	2	1	One of these circuits is routed via ANCONA - FOGGIA.
BOLOGNA LD - ROME LD	4	1	One of these circuits is routed via ANCONA.
BRA - FREEDOM	3	1	
DAF HQ - TOPROCK	1	1	
FLORENCE LD - NAPLES LD	2	1	
FLORENCE LD - ROME LD		2	
FREEDOM - ROME LD	6	3	
FREEDOM - ROUNDUP	2	1	
FREEDOM - SALZBURG	2	1	
FREEDOM - TROOPERS	1	1	
FREEDOM - 15 CORPS)	2	1	
FREEDOM - TRIESTE)			
FREEDOM - VALMS	3	1	
FREEDOM - MILAN LD	4	1	
LEGHORN LD - ROME LD	2	1	
NAPLES LD - ROME LD	3	2	
RAF BOLOGNA - 149 STAGING POST	1	1	
VACATION - VALMS	3	1	

NOTE: VFT Systems, Engineering and Fault Control Systems not shown since these are included automatically as priority circuits.

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DESIGNATION	NUMBER OF CIRCUITS	NUMBER OF PRIORITY CIRCUITS	REMARKS
ACADRIP - ROME LD	1	1	
AEQ OPS - RAF BOLOGNA	1	1	
AHQ OPS - 149 STAGING POST	1	1	
BARI LD - ROME LD	2	1	One of these circuits is routed via ANCONA - FOGGIA.
BOLOGNA LD - FLORENCE LD	6	2	
BOLOGNA LD - NAPLES LD	2	1	One of these circuits is routed via ANCONA - FOGGIA.
BOLOGNA LD - ROME LD	4	1	One of these circuits is routed via ANCONA.
BSA - FREEDOM	3	1	
DAF HQ - TORTORICE	1	1	
FLORENCE LD - NAPLES LD	2	1	
FLORENCE LD - ROME LD		2	
FREEDOM - ROME LD	6	3	
FREEDOM - ROUNDUP	2	1	
FREEDOM - SALZBURG	2	1	
FREEDOM - TROOPERS	1	1	
FREEDOM - 15 CORPS)	2	1	
FREEDOM - TRIESTE)			
FREEDOM - VALKS	3	1	
FREEDOM - MILAN LD	4	1	
LEGHORN LD - ROME LD	2	1	
NAPLES LD - ROME LD	3	2	
RAF BOLOGNA - 149 STAGING POST	1	1	
VACATION - VALKS	3	1	

NOTE: VFT Systems, Engineering and Fault Control Systems not shown since these are included automatically as priority circuits.

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Subject:- TELEPHONE CIRCUIT ALLOCATION DIAGRAM

Allied Force Headquarters,
Long Lines Liaison Office,
R O M E.

Tel No: RCMF 566016

Ref No: 311.2/28-3

7 February 1946

TO: As per distribution below.

Diagram Issue No. 54 giving allocation of telephone circuits (NAPLES and North) is forwarded herewith on the scale shown below.

F.R.B. Cass
Brigadier,
Chief Signal Officer.

FRB/PEM

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CSO AFHQ	3 (2 for War Office)
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CSO 2 DISTRICT	1
CSO 3 DISTRICT	1
CSO AIR FWN SIGS AHQ RAF ITALY	1
SIG OFFR PBS	1
SIG OFFR PBS SOUTH	1
SIG OFFR RAAC	1
MAJOR B.S.BURNS c/o SIGNAL OFFICE, HQ 2 DISTRICT	1
OC 2 GHQ SIGNALS	1
OC 1 L OF C SIGNALS	1
OC 11 L OF C SIGNALS	1
OC 14 L OF C SIGNALS	1
OC 16 L OF C SIGNALS	1
OIC NAPLES FAULT CONTROL	2
OIC ROME FAULT CONTROL	2
OIC BOLOGNA FAULT CONTROL	2
OIC FLORENCE FAULT CONTROL	2

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(NAPLES and North) is forwarded herewith on the scale shown below.

F.L.H. Cole

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SIG OFFR PBS	1
SIG OFFR PBS SOUTH	1
SIG OFFR RAAC	1
MAJOR B.S.BURNS c/o SIGNAL OFFICE, HQ 2 DISTRICT	1
OC 2 GHQ SIGNALS	1
OC 1 L OF C SIGNALS	1
OC 11 L OF C SIGNALS	1
OC 14 L OF C SIGNALS	1
OC 15 L OF C SIGNALS	1
OIC NAPLES FAULT CONTROL	2
OIC ROME FAULT CONTROL	2
OIC BOLOGNA FAULT CONTROL	2
OIC FLORENCE FAULT CONTROL	2
OIC CASERTA MAINTENANCE CONTROL	4
OIC MILAN MAINTENANCE CONTROL	1
OIC BOLOGNA R/STATION	1
ORC DECHORN TEST	1
DIRECTOR COMMS SUB COMMISSION AC	2
MINISTRY OF P & T	3
U S T	1
FILE	1
SPARES	4

FILE T35
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T64

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