

ACC 10000/147/417

AKCOM/S-38/COMS

TELECOMMUNICATIONS CENTERS

Feb. - July 1944

JLM/epc

REAR HEADQUARTERS
ALLIED CONTROL COMMISSION
APO 594

Signals
44156

4th July, 1944

In reply
refer to: OS/4/25/39

Subject : Civil V.F. Equipment.

To : Major H.H. Scudier
Communications Sub-Commission
Adv. A.C.C. Rome.

1. Reference attached letters, will you please discuss with Lt.Col. Keith.

2. Two machines per terminal are desirable but not available. It will be necessary to arrange rest and maintenance periods in the service.

3. The total number of generators available are:

Rome	- 1	)	Plus 1 at Catania being transferred
Naples	- 1	)	to Naples, expected in 10 days.
Palermo	- 2	)	
Catania	- 1	)	
Bari	- 2	)	

This will give 3 in Sicily area, 3 in Rome - Naples area, 2 in Bari area.

4. Spare valves and other parts are also being transferred from Catania to Naples.

J. L. Henderson
J.L. HENDERSON
Colonel

Director, Communications Sub-Commission



Copy to: Major G.W. Knauer, A.C.C. Signals, Naples. ✓

Incls: Letter from Lt.Col. Keith
Letter from U.S. of S. for PP.TT. with diagrams.

C O P Y

/epc

Ministry of Communications

Salerno, 26th June, 1944.

File No. 606310/T Encl: 1. (2 copies) To: A.C.C.
" : 2 (2 copies) Communications S/C
A.P.O. 394

Subject: Telegraph Communications with Rome.

Reference to our File 605649/T dated 13 June, 1944.

1. According to latest information received, the premises of the amplifying station at Naples, in which the equipment for harmonic telegraphy are to be installed, shall be ready about 5th July. Estimating that it will take 10 days to mount it, it is only around the middle of July that we may hope to establish telegraphic communications with Rome.

2. We believe that when Rome equipment is repaired, for which purpose the generator has already been sent, we can establish communications between Rome and the South, effecting a juncture direct from Rome to Bari, where there is harmonic telegraph equipment with 18 channels ready to operate. Since Bari is joined with the rest of Southern Italy even better than Naples, the solution would be convenient, even giving up direct communication between Rome and Naples.

3. Once the equipment in Naples is in working order, it would then be convenient to substitute Naples for Bari, and to put into operation connections between Rome, Naples and Sicily as per the plan shown in Enclosure No.1 under which it is possible to use:

2	Channels	between	Rome	and	Palermo.
1	"	"	"	"	Catania.
7	"	"	"	"	Naples.
1	"	"	Naples	"	Palermo.

4. Finally, to complete the network of connections, and particularly to establish communications with Bari also, we believe it advisable to transport to Naples an 18 channel system now in Catania and not being used (therefore, Catania would remain with one 3 channel system, one of eleven and one of 9 of which 4 are already operating, as per Enclosure1.)

The 18-channel system will make it possible to increase communications with Sicily and also to put into operation several connections between Rome and Bari, and Naples and Bari. The distribution plan for connections is shown in Encl. 2.

The installation of the 18 - channel system is also useful in order to have a certain amount of reserve replacement.

- 2 -

If you agree to this program, we beg you to find out whether it is possible to obtain motor transportation to transfer the equipment from Catania to Naples.

5. It is advisable to inform Major Knauer immediately in regard to the above-mentioned plan, so that from right now consideration maybe given to the 18 channel system in the work in progress at the amplifying station at Naples.

The Under-Secretary of State

/s/ M. Fano

Note: Transport of generators and some spare valves, etc, from Catania to Naples has been arranged.

C O P Y

/epc

Subject: Utilization of Civil Type
VF Telegraph Equipment.

TS/43/1

Director, Communications Sub-Commission,
Rear H.Q., A.C.C., A.P.O. 394.

28th June 44.

Reference your CS/4/25/34 of 23rd June, 1944, it is desired to make the following comments.

1. The use of one of the two Multi-Frequency generators available at Naples, and the other at Rome will not be a practicable proposition. Experience in the UK with Lorenz machines of this type has shown that their speed variation after 7 to 10 days of continuous operation is such that a thorough cleaning and adjustment of the commutators, slip rings and governor assembly is essential to maintain reliable service. Two machines per terminal are therefore necessary in order to cover this essential overhaul and rest period.
2. May further details of the proposed plan be given, please in order that the quantity of equipment which will be available for repair purposes at Rome may be determined. It is pointed out that only one Generator, Fuse and alarm bay is available with the equipment previously at Lagonegro, some parts of which may be required to put the Rome apparatus in working order.

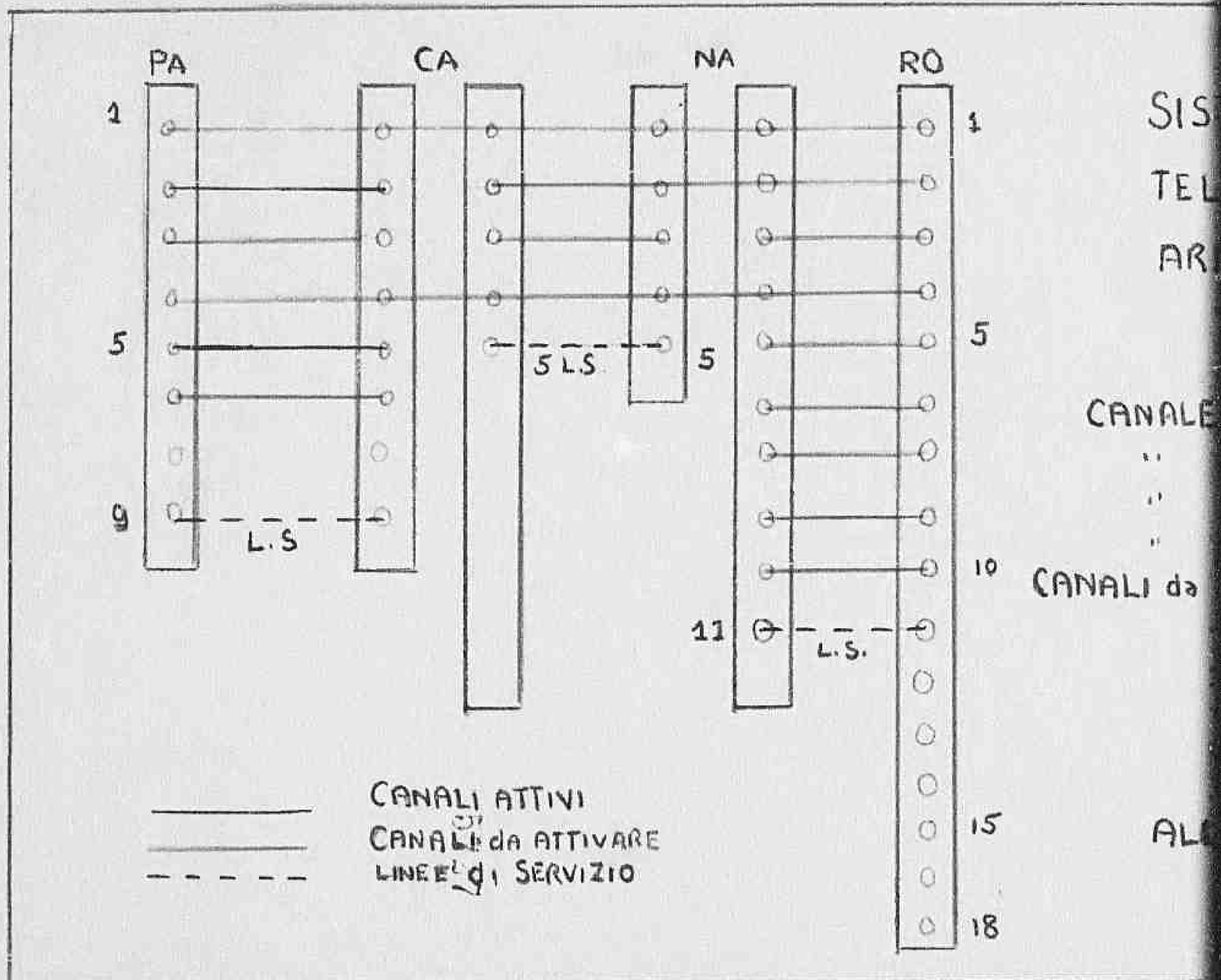
/s/

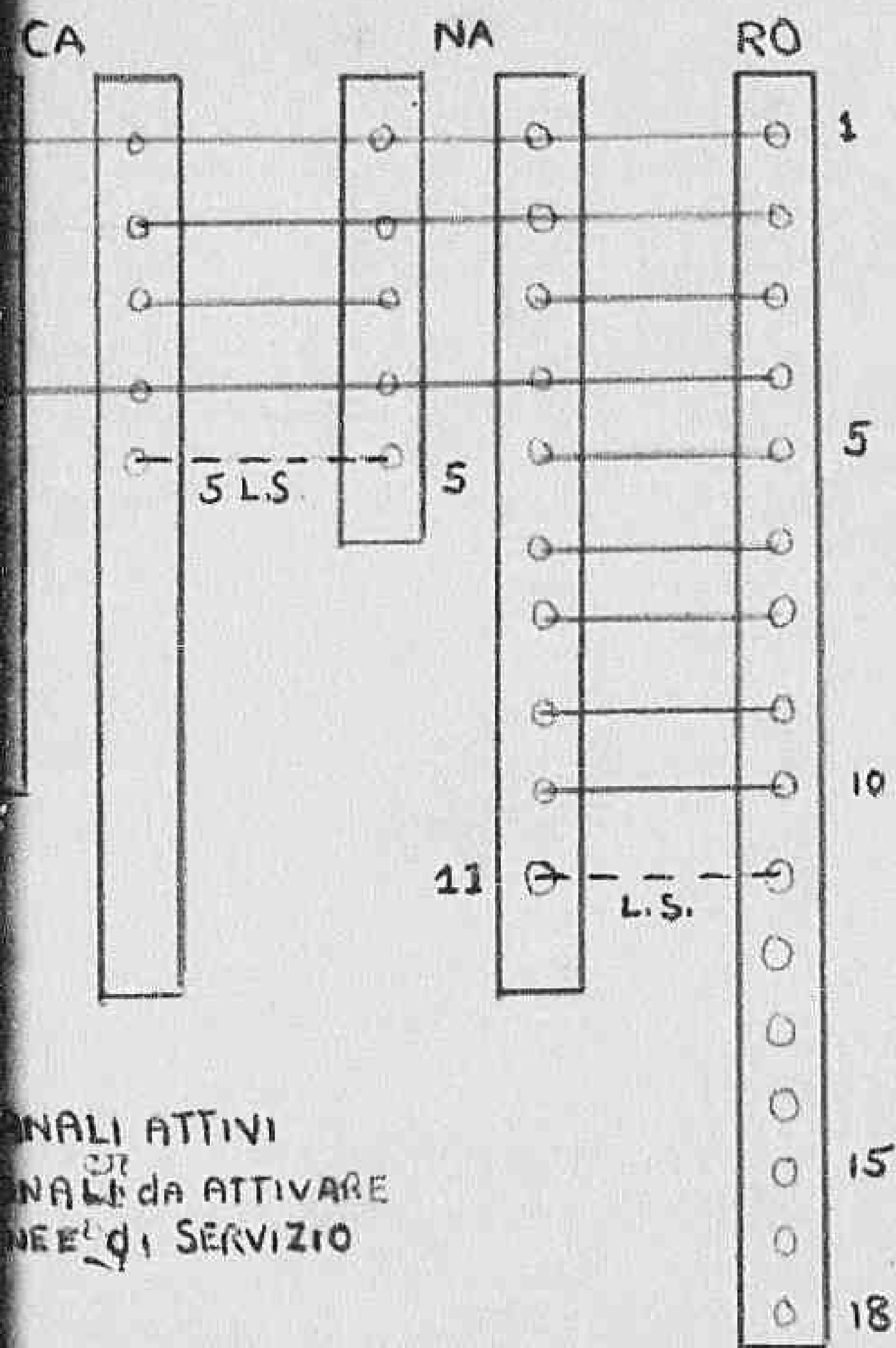
G.A.Keith, Lt.Colonel
R.Signals.

Field
RSIO/wh.

Copy to: C.S.O.L of C. Italy (1)
Wire Borad Rome. (1)

57.8



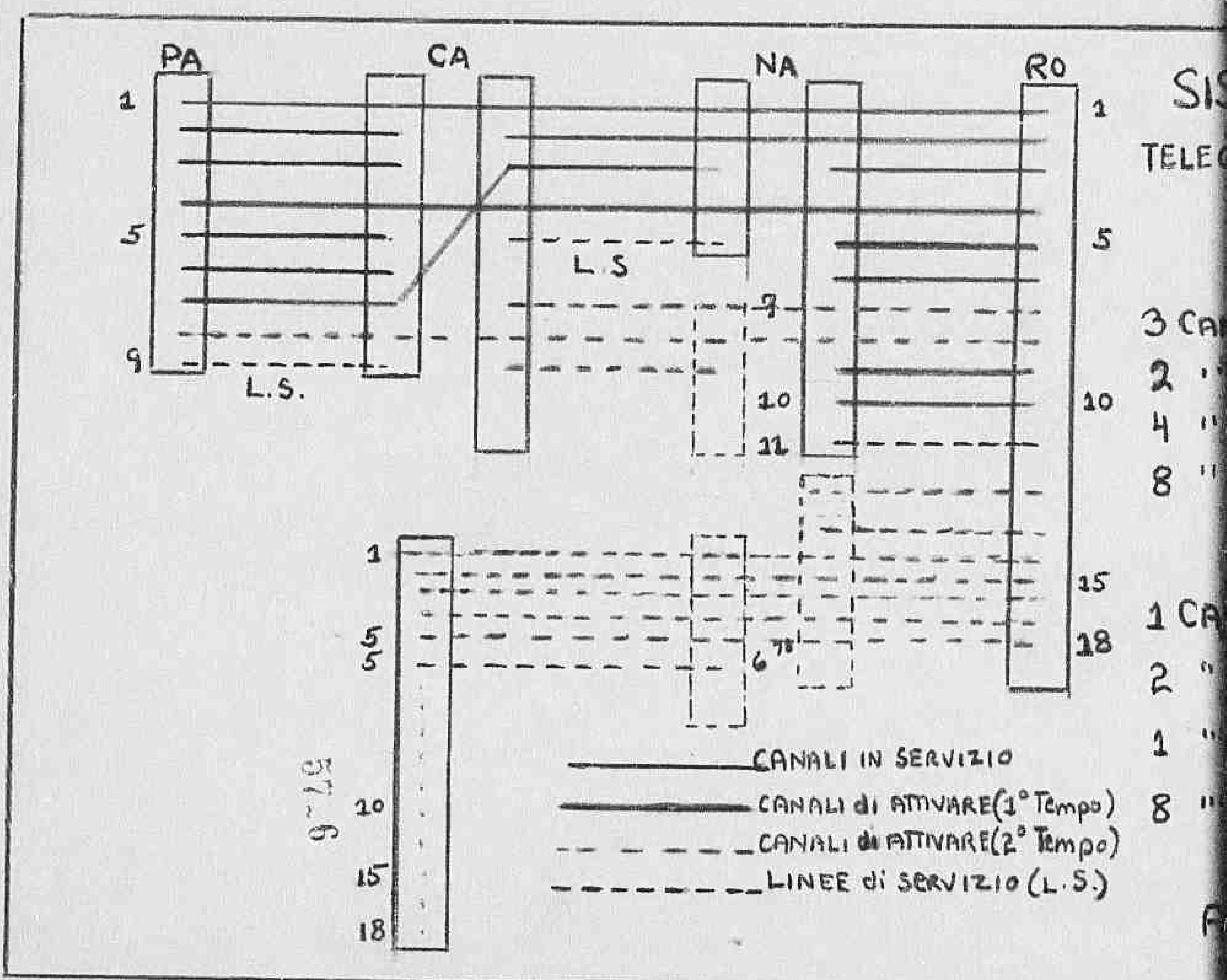


SISTEMAZIONE TELEGRAFIA ARMONICA

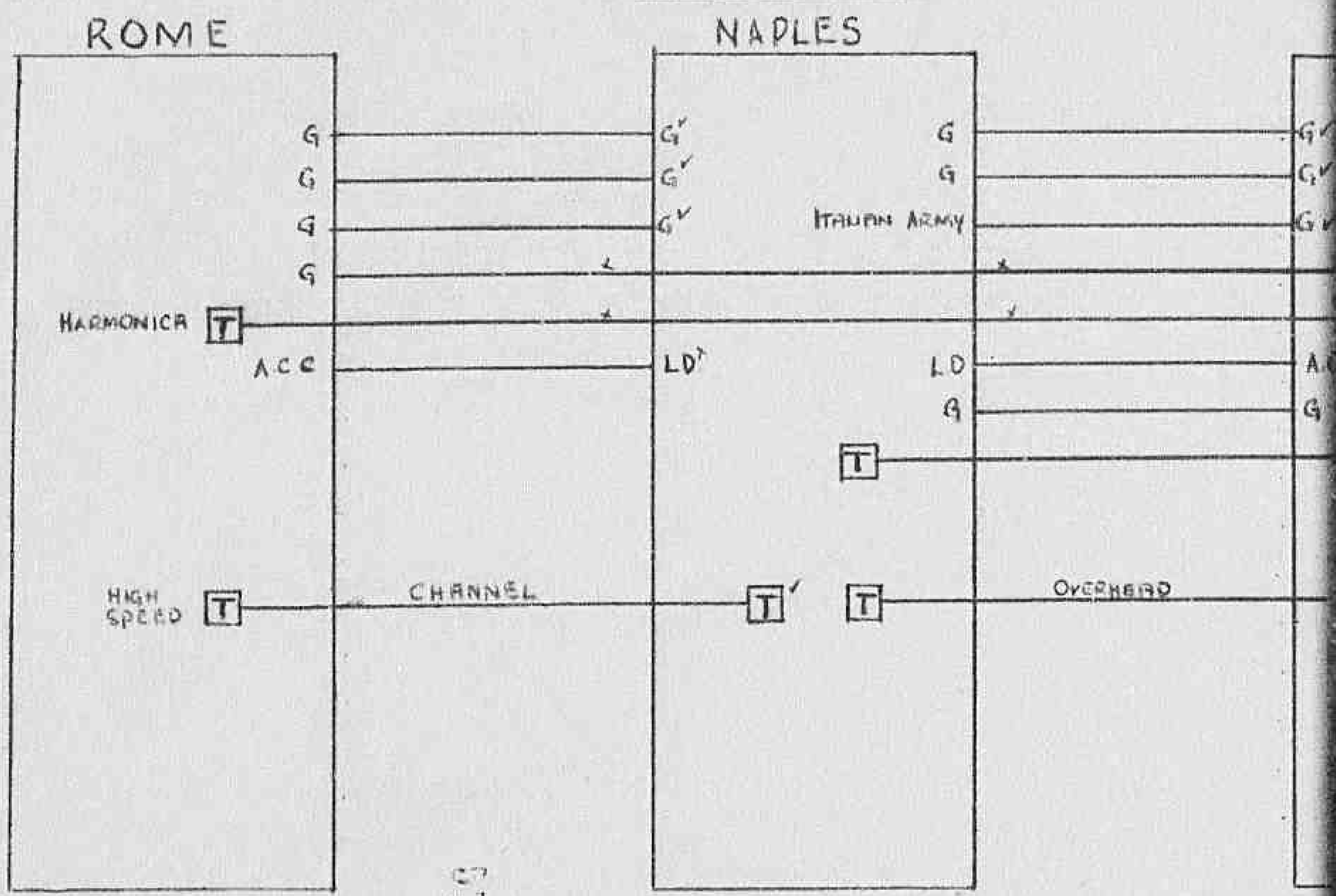
CANALE 1	RO-PA
" 2	RO-CA
" 3	RO-NA
" 4	RO-PA
CANALI da 5 e 10	RO-NA

ALLEGATO N. 1.

CANALI ATTIVI
CANALI da ATTIVARE
NEE DI SERVIZIO

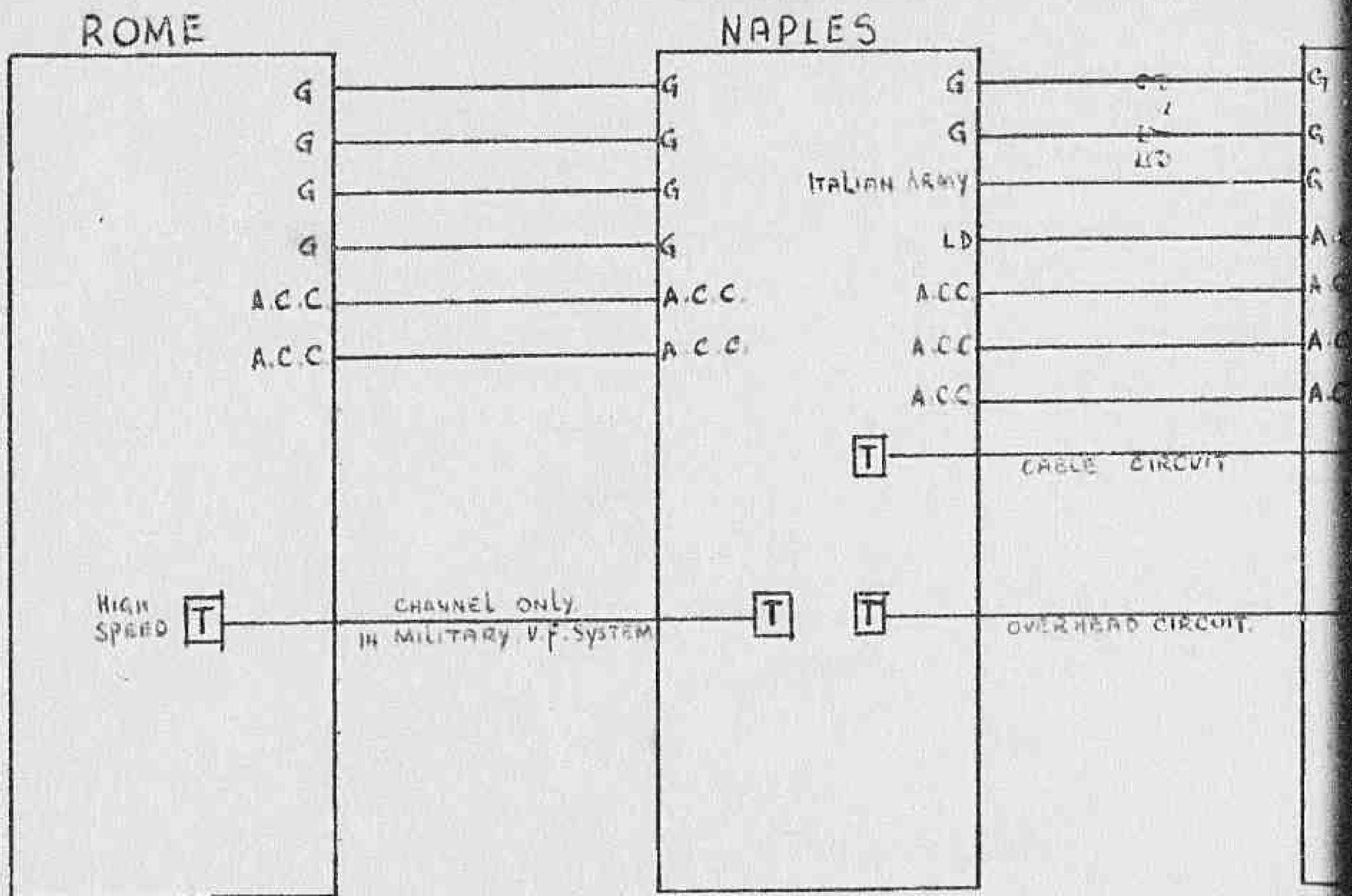


FIRST PHASE



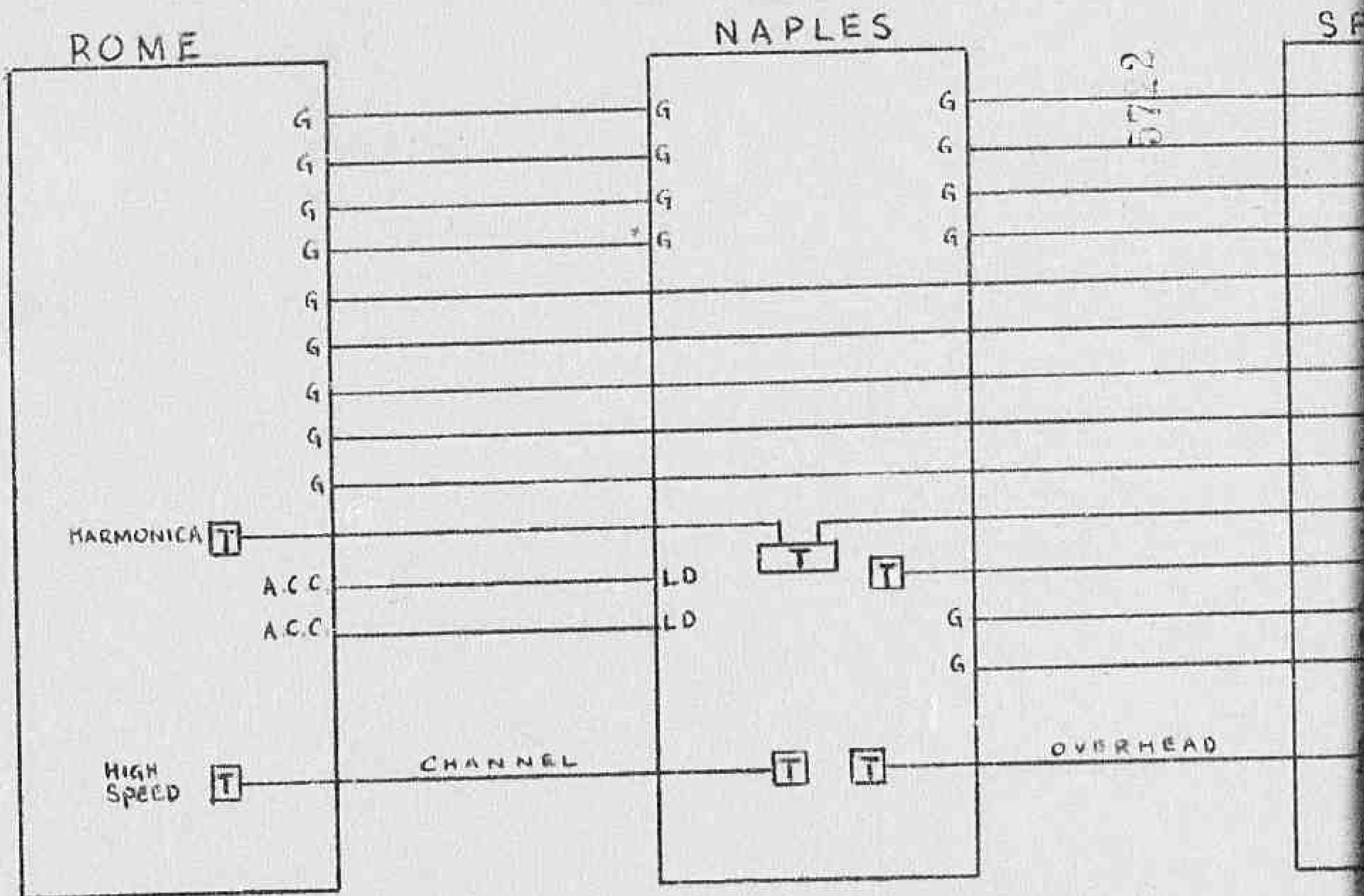
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PRESENT PHASE



NOTES: SHOWS GOVERNMENT TELEGRAPHS, BUT NOT A.C.C. CHANNELS WHICH ARE THE COMMON USER CHAN

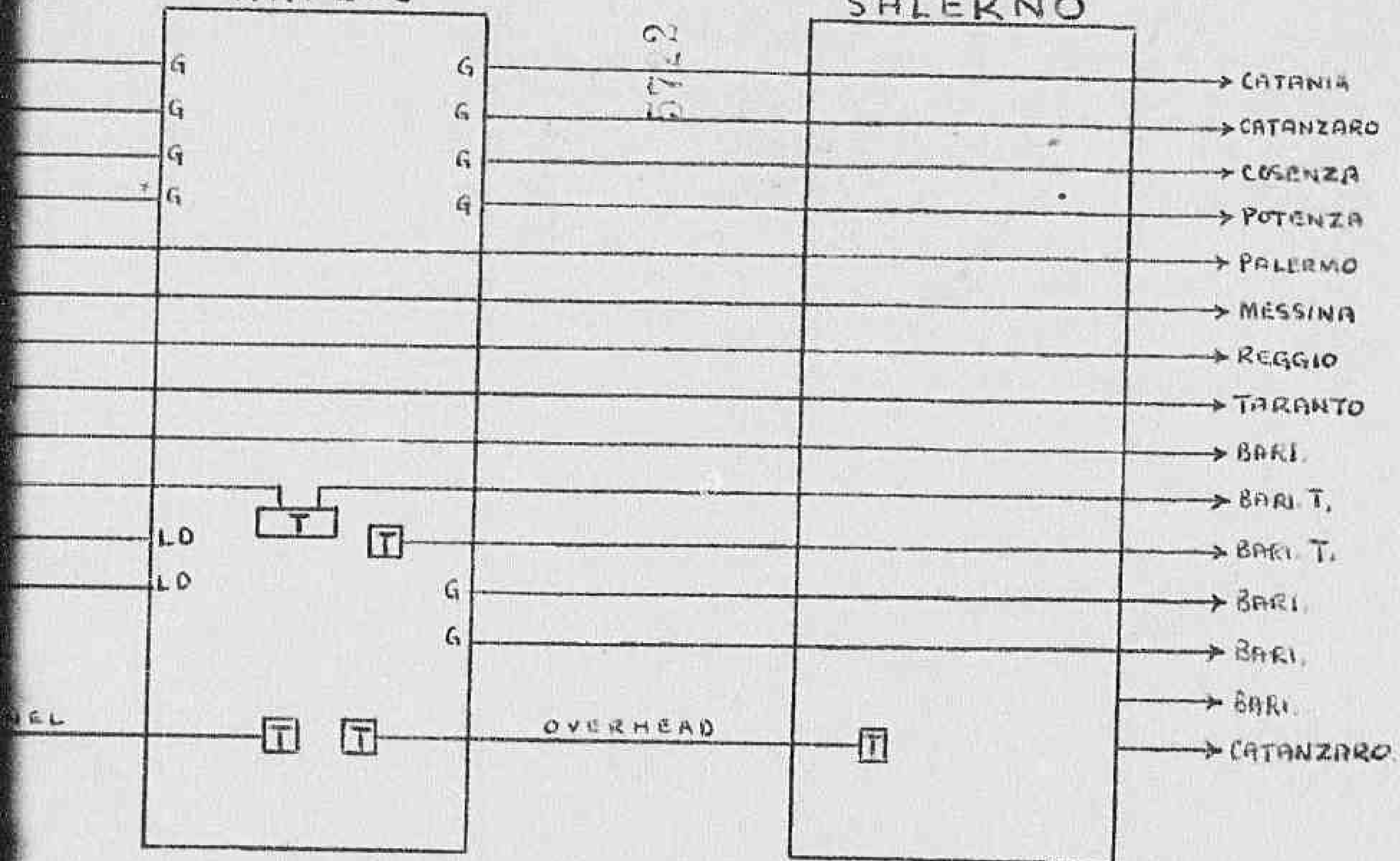
THIRD PHASE



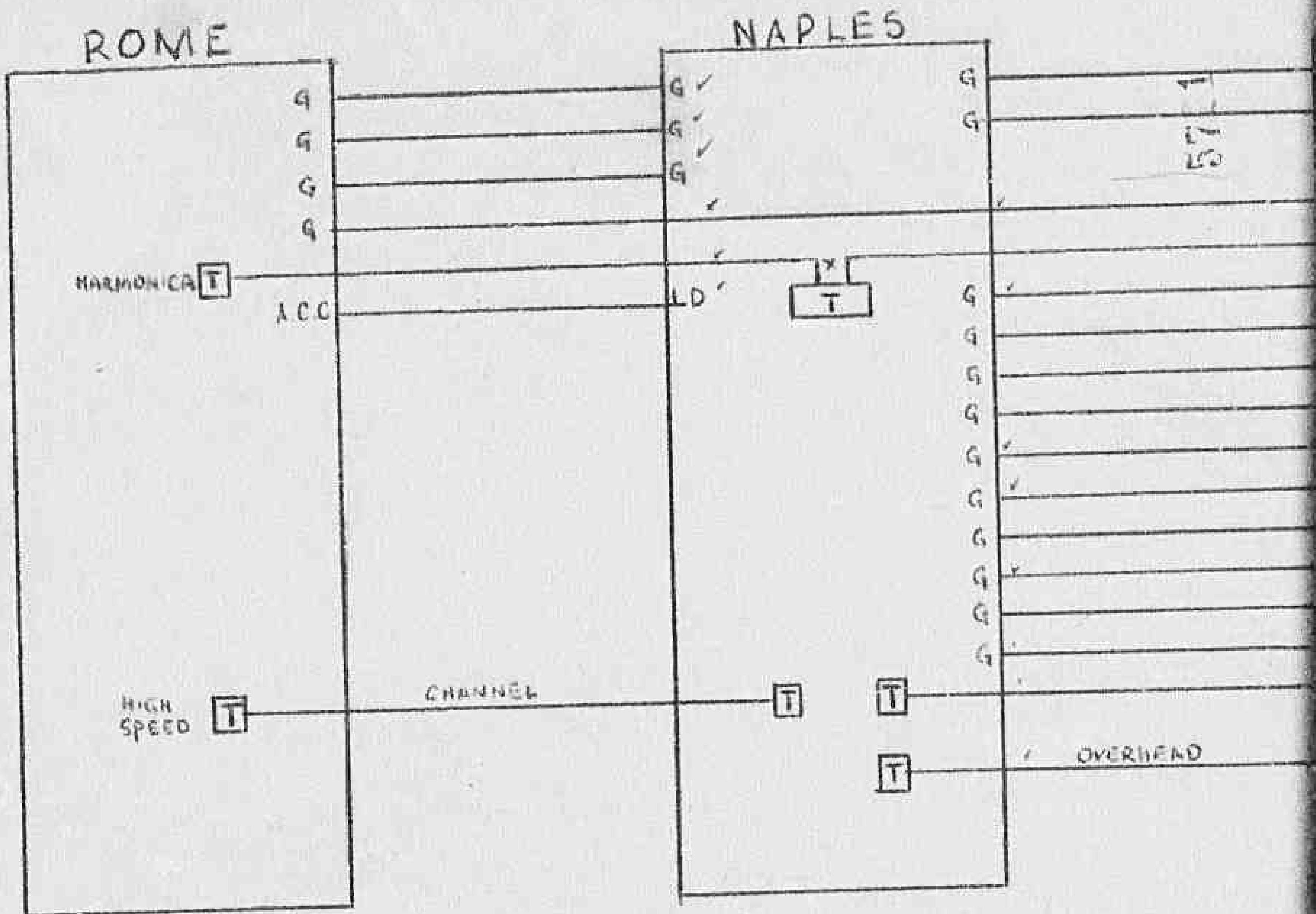
THIRD PHASE

NAPLES

SALERNO



SECOND PHASE



BEST COPY POSSIBLE

SECRET

CLASS. Cavi R. rini Affini (EQUALS BRITISH MOST SECRET)

Corina, rugosa Italia Meridionale	V. Giuseppe Verdi 18	18-207
Fabrice Italiani Conduttori Elettrici	P. Arcangelo 218	21-107
ORDAN. Nos. Ministe German Edison	V. Sta. Lucia 39	22-729
SIGNS Presso Concessionari Elettrotecnica Meridionale	P. Nicola Amore 10	23-3
Agens. Telegrafici Cam. It. dei Cavi Sottamarini Piccolo Augusto	V. Marina Nuova 14	
Com. Generale di Elettrotele (S.A.) Costruzione elettro- meccanica	P. S. Novio 20	20-787
Com. It. dei Cavi Telegr. Sottamarini	V. Emanuele Filiberto di Savoia. 0	
VICE. Fabrice It. Conduttori Elettro-let.	V. Arcangelo 235	21-107
ITALCABLE. Com. It. dei Cavi Telegrafici Sottamarini ITALCABLE e ITAL. RADIO.	P. P. 27. Palazzo 77 77 Fiazza Ascardo 2122. V. Brognano Salvi 2 V. Cesario Console 2-3 Mole San Vincenzo	22-627 22-404 23-403 23-501 23-325
TUBO Sottamarini Herschberger " Stazione Radio Telegr.		

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