

acc 10000/1471545/ T/58/CS

C.S.O. L. of C. ITALY SIGNAL INSTRUCTIONS

Dec. 1943. July 1946

C.S.O. L. of C. ITALY SIGNAL INSTRUCTIONS

(2nd Part)

Dec. 1943. JULY 1946

Communications

5639

CONFIDENTIAL

Headquarters,

A.A.L.

X/21/53

12 Jul 44

O.S.O. I. OF C. ITALY
LINE ORDER NO. 81
-----INFORMATION.

1. Headquarters A.C.O. and Italian Government close present location at SALERNO and re-open at HOME on 15 JUL 44.

IMPLEMENTATION.

2. To establish line communication for H.Q. A.C.O. and Italian Government in new location.

METHOD.

3. (a) Line communication will be provided in two stages as below:-

Stage I : to be provided after closing of H.Q. A.C.O. NAPLES (VAPOR) on 12 Jul 44.

Stage II : to be provided after closing of Italian Government offices in SALERNO on 15 Jul 44.

- (b) Communications to be established for PHASES I and II are shown in Diagrams LC2 and LC3 attached, respectively.

4. PHASE I.

Detailed Toll Circuit Orders have already been issued covering circuit charges for this phase.

5. PHASE II.

Detailed below are circuit charges necessary for the extension of existing Government circuits from SALERNO to NAPLES:-

- (a) SALERNO - PALERMO (to be extended to NAPLES Civil).

NAPLES - SALERNO Engineering circuits at present working on pairs 332/532 will be transferred to pairs 336/536. Pairs 332/532 will then be used to extend above circuit to NAPLES Civil.

- (b) SALERNO - MESSINA (to be extended to NAPLES Civil).

Above circuit will be transferred from pairs 334/534 to pairs 329/529 over the Regenter Section AREA - SALERNO and extended SALERNO - NAPLES on same pair assignment.

- (c) SALERNO - REGGIO (to be extended to NAPLES Civil).

To be extended SALERNO - NAPLES on pairs 322/522 (shown above in PHASE I).

INTENTION.

2. To establish line communication for H.Q. A.C.C. and Italian Government in new location.

METHOD.

3. (a) Line communication will be provided in two stages as below:-
 Stage I : to be provided after closing of H.Q. A.C.C. NAPLES (VAPOR) on 12 Jul 44.

Stage II : to be provided after closing of Italian Government offices in SALERNO on 15 Jul 44.

- (b) Communications to be established for PHASES I and II are shown in Diagrams 102 and 103 attached, respectively.

4. PHASE I.

Detailed Toll Circuit Orders have already been issued covering circuit changes for this phase.

5. PHASE II.

Detailed below are circuit changes necessary for the extension of existing Government circuits from SALERNO to NAPLES:-

- (a) SALERNO - PALERMO (to be extended to NAPLES Civil).

NAPLES - SALERNO Engineering circuits at present working on pairs 332/532 will be transferred to pairs 336/536. Pairs 332/532 will then be used to extend above circuit to NAPLES Civil.

- (b) SALERNO - MESSINA (to be extended to NAPLES Civil).

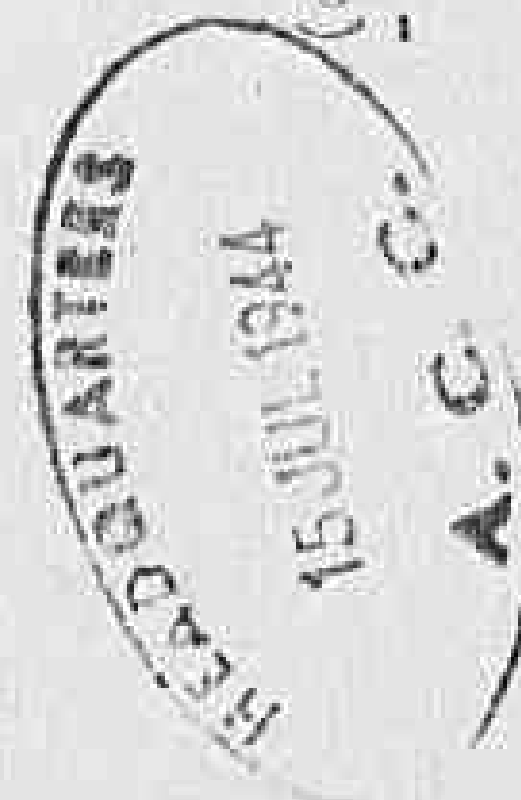
Above circuit will be transferred from pairs 334/534 to pairs 329/529 over the Repeater Section AREA - SALERNO and extended SALERNO - NAPLES on same pair assignment.

- (c) SALERNO - REGGIO (to be extended to NAPLES Civil).

To be extended SALERNO - NAPLES on pairs 322/522 (through spare in PHASE I on ceasing of circuit VAPOR - ACC No. 1).

- (d) SALERNO - TARENTO (to be extended to NAPLES Civil).

Circuit NAPLES LD - SALERNO Military No. 4 working on pair 4 to be ceased and facilities used for extension of above circuit to NAPLES Civil.



(c) / Sheet #2

"2"

(e) SALERNO - CATANIA (to be extended to NAPLES Civil).

Circuit BLACKHOUSE - POWER at present working on pairs 333/533 to be transferred to phantom 321/521 : 322/522. Circuit SALERNO - CATANIA to be extended to NAPLES Civil on pairs 333/533 this made spare. Circuit NAPLES LD - SALERNO Military No. 8 at present working on HI 321/521 : 322/522 will be ceased.

(f) SALERNO - BARI (to be extended to NAPLES Civil).

Existing circuit SA - BA 8 working on cable pairs 311/511 SALERNO - BARI to be extended from SALERNO to NAPLES on pairs 311/511 to form circuit NAPLES Civil - BARI Civil No. 1.

(g) SALERNO - BARI (to be extended to NAPLES Civil).

Existing circuit SA - BA 2 working on cable pairs 316/516 SALERNO - BARI to be extended from SALERNO to NAPLES on pairs 316/516 to form circuit NAPLES Civil - BARI Civil No. 2.

(h) SALERNO - BARI (to be extended to NAPLES Civil).

Existing circuit SA - BA 7 working on cable pairs 309/509 SALERNO - BARI to be extended from SALERNO to NAPLES on phantom 333/533 : 334/534. Harmonica VFT equipment will be worked over this circuit as directed by the Director Communications Sub-Commission, H.Q. A.C.C.

(i) SALERNO - COSENZA (to be extended to NAPLES Civil).

Existing circuit working on pair 3 SALERNO - COSENZA to be extended from SALERNO to NAPLES on pair 3. Circuit NAPLES LD - CATANIA to be ceased.

(j) SALERNO - CATANZARO (to be extended to NAPLES Civil).

Circuit TORNADO - NAVY HOUSE SALERNO at present working on NAPLES - SALERNO pair 2 will be transferred to phantom 9/10. Existing common-user NAPLES - SALERNO at present established on HI 9/10 will be ceased. Existing circuit ITALIAN GOVT - CATANZARO working on SALERNO - CATANIA pair 2 will then be extended from SALERNO to NAPLES on pair 2 made spare above.

(k) SALERNO - POTENZA (to be extended to NAPLES Civil).

Existing circuit SA - POT 3 working on pair 8 will be extended from SALERNO to NAPLES on pair 8 to form circuit NAPLES Civil - POTENZA Civil. Pair 8/14 - SA is at present spare.

(l) The following circuits will remain terminated on SALERNO Civil exchange after move of Italian Government :-

- (i) SALERNO - CATANZARO working on 4-wire circuit 321/521.
- (ii) SALERNO - BARI working on BA - SA 9 pairs 312/512.

(m) The following circuits will be ceased after move of the Italian Government from SALERNO :-

- (i) T/T circuit CATANIA - NAPLES T/T SWBd routed on Channel 4 Station 6.
- (ii) Harmonica circuits working on cable pairs 327/527 (NAPLES - SALERNO).

6. Provision of necessary repeaters at SALERNO Repeater Station and repeaters, terminating sets and ringing units at NAPLES LD will be co-ordinated

(g) SALERNO - BARI (to be extended to NAPLES Civil).

Existing circuit SA - BA 2 working on cable pairs 316/316 SALERNO - BARI to be extended from SALERNO to NAPLES on pairs 316/316 to form circuit NAPLES Civil - BARI Civil No.2.

(h) SALERNO - BARI (to be extended to NAPLES Civil).

Existing circuit SA - BA 7 working on cable pairs 309/509 SALERNO - BARI to be extended from SALERNO to NAPLES on phantom 333/553 : 334/534. Harmonica VFT equipment will be worked over this circuit as directed by the Director Communications Sub-Commission, H.Q. A.C.C.

(i) SALERNO - COSENZA (to be extended to NAPLES Civil).

Existing circuit working on pair 9 SALERNO - COSENZA to be extended from SALERNO to NAPLES on pair 3. Circuit NAPLES LD - BARI to be ceased.

(j) SALERNO - CATANZARO (to be extended to NAPLES Civil).

Circuit TORRADO - NAVI HOUSE SALERNO at present working on NAPLES - SALERNO pair 2 will be transferred to phantom 9/10. Existing common-user NAPLES - SALERNO at present established on HI 9/10 will be ceased. Existing circuit ITALIAN GOVT - CATANZARO working on SALERNO - ATENA pair 2 will then be extended from SALERNO to NAPLES on pair 2 made spare above.

(k) SALERNO - POTENZA (to be extended to NAPLES Civil).

Existing circuit SA - POT 3 working on pair 8 will be extended from SALERNO to NAPLES on pair 8 to form circuit NAPLES Civil - POTENZA Civil. Pair 8 NA - SA is at present spare.

(l) The following circuits will remain terminated on SALERNO Civil exchange after move of Italian Government :-

- (i) SALERNO - CATANZARO working on 4-wire circuit 321/521.
- (ii) SALERNO - BARI working on BA - SA 9 pairs 312/512.

(m) The following circuits will be ceased after move of the Italian Government from SALERNO :-

- (i) T/T circuit FATTORI - NAVI T/T SWed routed on Channel 4 System 6.
- (ii) Harmonica circuits working on cable pairs 327/527 (NAPLES - SALERNO).

6. Provision of necessary repeaters at SALERNO Repeater Station and repeaters, terminating sets and ringing units at NAPLES LD will be co-ordinated by O.C. No.1 U/G Cable Coy in conjunction with NAPLES Transit Control and Repeater Station personnel concerned. Final disposition of equipments will be notified to this office by O.C. No.1 U/G Cable Coy.

N.B. All additional circuits terminated at NAPLES will employ 500/20 ringing units with the exception of the following circuits :-

- (i) NAPLES Civil - POTENZA Civil
- (ii) NAPLES Civil - COSENZA Civil

-3-

7. ANHQ Adv Signal Section is requested to issue necessary Toll Circuit Orders.
8. All charges will be controlled and co-ordinated by NAPLES Fault Control.
9. TIME : Circuit charges as detailed above will be completed as soon as possible after 0800 hrs 15 Jul 44.

FRG/ADV.

DISTRIBUTION :- C.S.O. Main H.Q. A.A.L. (2)
 C.S.O. 2 District. (2)
 C.S.O. 3 District. (2)
 C.S.O. of C ITALY SOUTH (2)
 ANHQ Adv Signal Section (2)
 Director, Comm Sub-Commission, HQ ACC Rear & Adv. (6)
 NAPLES Fault Control (2)
 ROME Fault Control (2)
 C.C. No. 1 U/G Cable Coy. (2)

42 New York
 C.S.O. L. of C. ITALY

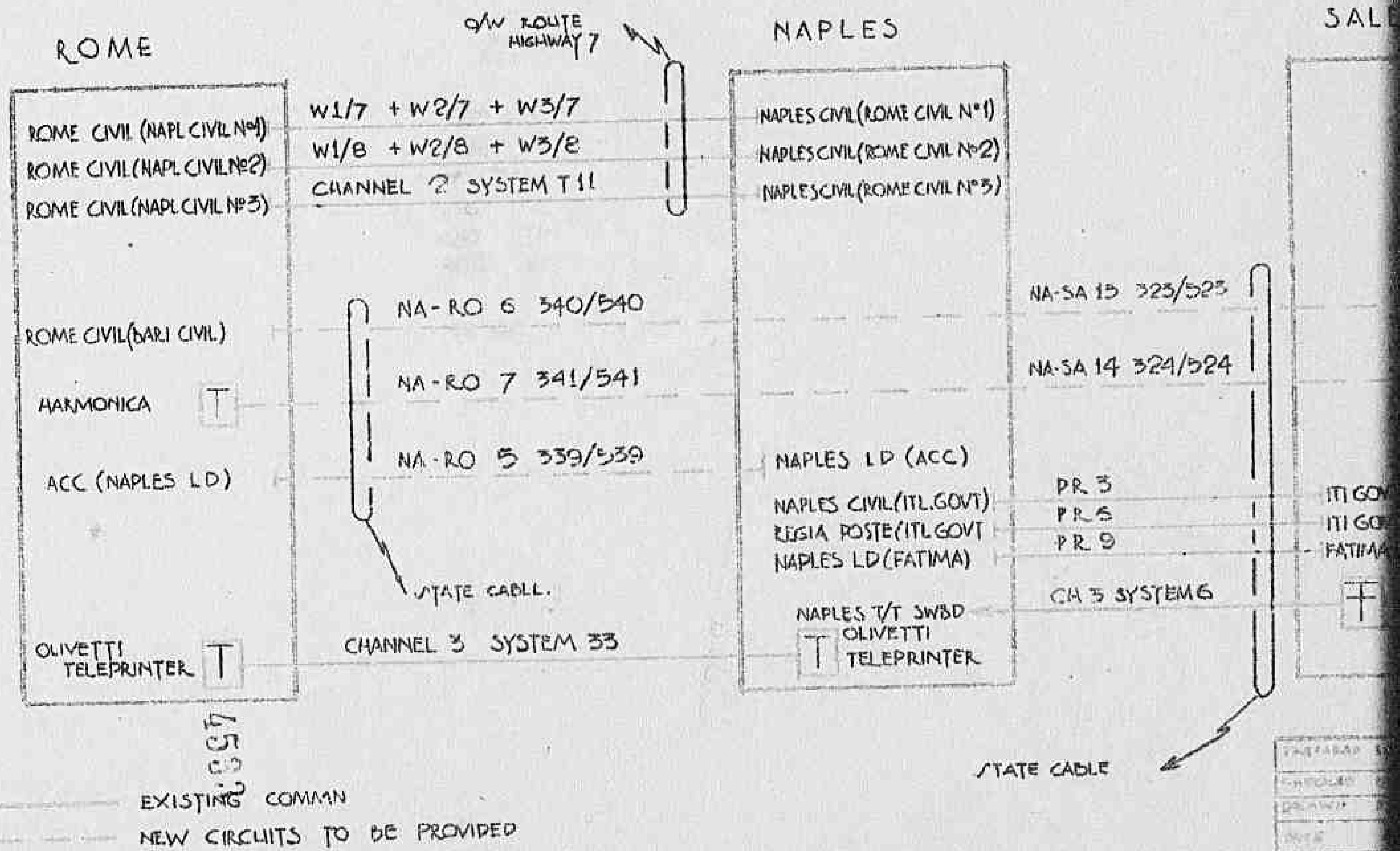
45-4

PHASE I

LINE DIAGRAM LC 2

CONFIDE

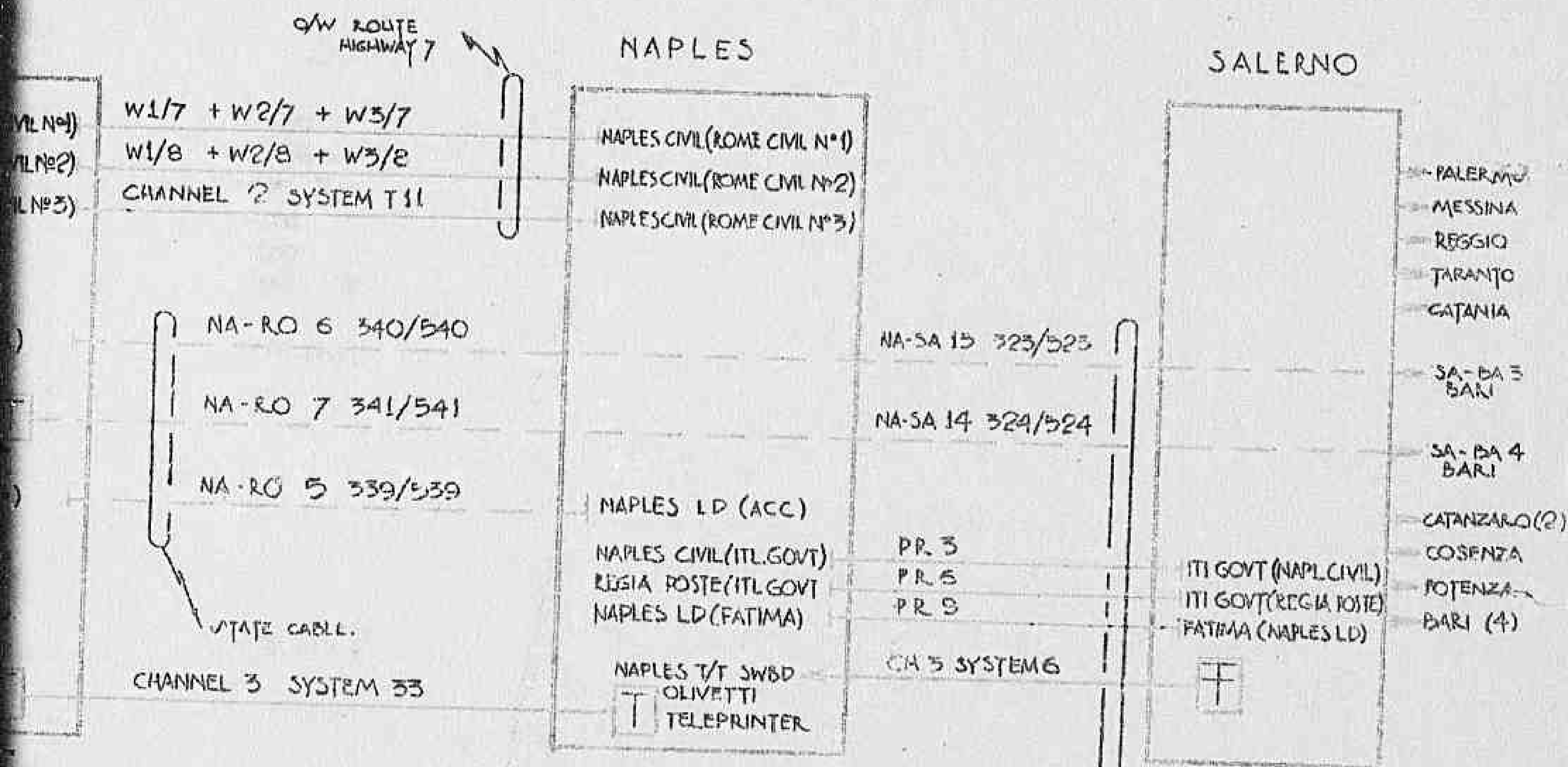
LINE COMM TO BE PROVIDED AFTER CLOSING OF HQ ACC NAPLES.



LINE DIAGRAM LC 2

CONFIDENTIAL

TO BE PROVIDED AFTER CLOSING OF HQ ACC NAPLES.



COMMUN

CIRCUITS TO BE PROVIDED

STATE CABLE

PREPARED BY	F.R. TEW - CAPT.
APPROVED BY	J.R. Tamm - CAPT.
DESIGNED BY	K. COUZINS - L/CPL
DATE	12 JULY 44.
C-30 L&C-ITALY	

CONCH

NEW CCTS TO BE PROVIDED.

12

LINE DIAGRAM LC 3CONFIDENTIAL

PROVIDED AFTER MOVE OF ITALIAN GOVERNMENT TO ROME •

NAPLES

SALERNO

O/H ROUTE
HIGHWAY 7

W1/7 + W2/7 + W3/7

W1/8 + W2/8 + W3/8

CH SYSTEM T11

NA-R06 340/340

NA-R07 341/341

NA-R05 339/339

STATE CABLE

CHANNEL 3 SYSTEM 33

NAPLES CIVIL (ROME CIVIL No 1)

" " (" " No 2)

" " (" " No 3)

T HARMONICA

NAPLES LD (ACC)

NAPLES CIVIL (PALERMO CIVIL)

" (MESSINA ")

" (REGGIO ")

" (TARANTO ")

" (CATANIA ")

" (BARI ")

" (" ")

HARMONICA T

" (COSENZA CIVIL)

" (CATANZARO ")

" (POTENZA ")

T OLIVETTI

NAPLES CIVIL (SALERNO CIVIL)

REGIA POSTE (" ")

STATE CABLE

323/323

324/324

332/332

329/329

322/322

PR 4

333/333

311/311

316/316

P 333/333 334/334

PR 9

PR 2

PR 8

PR 3

PR 6

BARI

BARI

352/352

329/329

322/322

PR 4

333/333

311/311

316/316

309/309

PR 9

PR 2

PR 8

312/312

321/321

PALERMO

MESSINA

REGGIO

TARANTO

CATANIA

BARI

BARI

BARI

COSENZA

CATANZARO

POTENZA

BARI

CATANZARO

SALERNO CIVIL
(BARI CIVIL)
SALERNO CIVIL
(CATANZARO CIV)EXISTING COMMN
NEW COTS TO BE PROVIDED.

FR. TEW CAPT.

YR. JEW CAPT.

KCOUZINS. LCOL

12 JULY 44.

G-20 L-20 L-20

X/10

C.S.O. L. OF C. ITALY SIGNAL INSTRUCTION NO. 22.

RESTRICTED

COPY NO......

10 May 44

INFORMATION.

1. Teletypewriter and teleprinter circuits now utilise more than one-third of the wire facilities in the L. of C. network, and usage is increasing to the extent that it has become desirable to determine the effectiveness with which these facilities are being employed.

INTENTION.

2. To provide for the monitoring of all telegraph circuits - with the exception of purely common-user facilities - terminating at or passing through NAPLES LONG DISTANCE. The observation thus obtained will be utilised :-

- (a) To improve operating procedure.
- (b) To reduce circuit holding time to a minimum.
- (c) To detect violations of security.
- (d) To obtain information for guidance in the allocation of future facilities or the re-allocation of existing facilities.

METHOD.

3. AFHQ Adv Signal Section has arranged for the necessary equipment to be installed at NAPLES L.D. to permit monitoring of both teletypewriter and telegraph circuits.

4. Circuits will be monitored at random as decided by AFHQ Adv Signal Section in conjunction with this office.

5. Reports on circuits monitored will be prepared by AFHQ Adv Signal Section and will include the following information :-

- (a) Circuit monitored.
- (b) Date and time of monitoring period.
- (c) Total messages completed during monitoring period.
- (d) Total number of Groups passed.
- (e) Percentage of time circuit was engaged, i.e. $\frac{\text{TOTAL TIME CIRCUIT IN USE}}{\text{TOTAL MONITORING TIME.}}$
- (f) Comments on procedure (to include any violations of security).
- (g) Any other pertinent remarks or information.

Ref. item (f). Combined Teletypewriter (Teleprinter) Procedure - Short Title GCBP 4 will be used as the basis for all procedure reports.

2. To provide for the monitoring of all telegraph circuits - with the exception of purely common-user facilities - terminating at or passing through NAPLES LONG DISTANCE. The observations thus obtained will be utilised :-

- (a) To improve operating procedure.
- (b) To reduce circuit holding time to a minimum.
- (c) To detect violations of security.
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- (a) Circuit monitored.
- (b) Date and time of monitoring period.
- (c) Total messages completed during monitoring period.
- (d) Total number of Groups passed.
- (e) Percentage of time circuit was engaged, i.e. $\frac{\text{TOTAL TIME CIRCUIT IN USE}}{\text{TOTAL MONITORING TIME}}$ ^{45.31}
- (f) Comments on procedure (to include any violations of security).
- (g) Any other pertinent remarks or information.

Ref. item (f). Combined Teletypewriter (Teleprinter) Procedure - Short Title CCBP 4 will be used as the basis for all procedure reports.

6. Copies of all monitoring reports will be distributed as under :-

- (a) C.S.O. A.A.I.
- (b) C.S.O. L. of C. ITALY
- (c) Signal Officer controlling operating personnel of monitored connections.

Signal Officers concerned are particularly requested to ensure that corrective action is taken wherever necessary.

7. TIME /... Sheet "2" P.T.O.

7. TIME.

Effective at once.

8. TIME OF ISSUE 1500 HRS.9. ACKNOWLEDGE.PREP/RUJ.In the field.DISTRIBUTION:-

C.S.O. A.A.I.
 C.A.F.S.O. M.A.A.F.
 C.S.O. 1 District
 C.S.O. 2 District
 C.S.O. 3 District
 Signal Officer, P.B.S.
 Signal Officer, I.E.S.
 AFHQ Adv Signal Section
 C.S.O. Air Formation Signals, M.A.T.A.F.
 Comm Officer, XV Air Force
 Comm Officer, XIII Air Force
 Signal Officer, XV A.F.S.O.
 Signal Officer, XII A.F.S.O.
 Signal Officer, A.A.C.S.
 D.C.M.R.S.
 Director Communications Sub-Commission, A.C.C.
 O.C. 2623 Signal Regt. (Attn: Wire Officer)
 O.C. 16 L of C Signals
 O.C. 3 Rly Telegraph Coy.
 MAPLES L.D. Fault Control.
 War Diary
 File

Y R New Cap
 Colonel,
 C.S.O. I. of C., ITALY

COPIES NOS.

1-3
 4-3
 9-11
 12-14
 15-17
 18-20
 21-22
 23-25
 26-28
 29-33
 34-38
 39-41
 42-44
 45-47
 48-49
 50-54
 55-56
 57-58
 59
 60-61
 62-63
 64

Subject: Long Calls by Military Personnel Over Civil Lines

SIGNAL SECTION
ARMED FORCES HEADQUARTERS

Tele: FREEDOM 572

X. 525/5

7 Jul 46

CSC 13 CORPS,
GSO 3 DISTRICT,
SIG O BARS,
SIG O BARS.

CONFIDENTIAL

1. In order to comply with AFHQ Signal Instruction Sec IV, Item 7, dated 15 May 46 and to permit both civil and military authorized operating personnel to control military telephone calls over civilian facilities where such calls must be placed and no military facilities exist, the procedure below will be followed.

2. In areas where no military authorized exists, the Director of the Italian civil communications company will be provided with a list of authorized military numbers. Military calls from these numbers only will be authorized. In such cases, no long distance calls will be accepted except in the nearest military neighborhood, which will be nominated by JMC.

3. In areas where military neighborhoods do exist, no calls will be accepted by the Italian civil except from the Signals booking office of the military telephone control. In order to place necessary calls over the civil system, the person placing the call will first book it in the military booking office, even though it will then be rebooked in the civil booking office.

(a) Where the military and civil control offices are in the same building the booking requests (messages) may be hand carried from the military to the civil.

(b) Where the military and civil control offices are not in the same building it will not conveniently mean that other military traffic must be carried by hand or by telephone to the civil booking office. Copies of the military booking messages for civilian calls completed may be delivered to the military at the end of the day.

These instructions will be superseded or amended on direct request. 453 Signal Instruction
to be published at a late date.

Brigadier
Chief Signal Officer

1. In order to comply with Army Signal Instruction Dec IV, Item 7, dated 15 May 46 and to permit both civil and military authorized personnel to control military telephone calls over civilian facilities where such calls must be placed and no military facilities exist, the procedure below will be followed.

2. In areas where no military authorized exists, the Director of the Italian civil-dependency company will be provided with a list of authorized military stations. Military calls from these stations may still be authorized. In such cases, no long distance calls will be accepted except to the nearest military authorized, which will be nominated by JFC.

3. In cases where military authorized do exist, no calls will be accepted by the Italian civil except from the Signal Booking Office of the military telephone central. In order to place necessary calls over the civil system, the person placing the call will first look it in the military booking office, from which it will then be returned in the civil booking office.

(a) Where the military and civil control offices are in the same building the booking requests (tickets) may be hand carried from the military to the civil.

(b) Where the military and civil control offices are not in the same building and are not conveniently near each other, military tickets must be hand carried to the civil booking office. Copies of the tickets for civilian calls completed may be delivered to the military at the end of the day.

4. These instructions will be superseded or incorporated 4580 gmt. instructions to be published at a late date.

By	James/ML
Class	
Class	1 escoms
Class	Postal
Class	M U Coms O
Class	Asst Chg. Postal
Class	Censorship
Class	Chief Clerk

Brigadier
Chief Signal Officer

CROSS. REFS.	FILE 7.58	2:00
-----------------	--------------	------

Date 1 AUG 1946

Webb, J. A. 1992. Tropical rain forest

Signal Station
called for Band commander

Name: _____
 Place: _____

329.9/2003

2008年12月

f. The following are C FIVE Signal Instructions will be
controlled. Paragraphs 10

S&P Global Ratings

2008年12月10日

Inventory Restoration of Circulating Numbers - 2001.
Rebinding of the original 1 of 3
photocopies.

WALTON Communications

Tyres to 17 x 6.50 4 + 4 OF System RAPIES = ECCEPIA.

The following telephone numbers are given:

Recommendations - 43 3 0 52 2 1 0

Training for the parties working on grants

Characterization of the Gels of 2,2,4,4-Tetramethyl-5-oxo-1,3-dioxane-6-sulfonate

WATERGATE - FBI

Estimated value of 9/25 note receivable = \$4,000.00

Department of Communications, Ottawa, 2 April 5

inductive, and representative in all their
and in C. S. Lewis' *Parables*.

1997-98

Montgomery: SEP 20 1970

[illegible]

Operating Procedure for the handling of

number by ID number call:

[illegible]

GROUP	FILE
1	85.1.8

Figure 1

Printed by

Cardinal Signal Officer

0-180-15140-4 (pb) \$5.95

Address: 10000 10th Avenue, NW, Suite 100, Seattle, WA 98148

TABLE 2. Continued

09

1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 26

at least 2000-2500 years old.

The following CSO L of C UNIT instructions will be
transmitted herewith:-

Signal Instructions No.

Subject

- 1. Primary Restoration of Circuits WAPES - BARI.
- 2. Re-establishing of the original L of C Organization.
- 3. WAPES Organization.
- 4. Installation of 4 of 6 System WAPES - WAPES.
- 5. Establishing telephone circuit WAPES - BARI.
- 6. Responsibilities - 15 L of C Signals.
- 7. Procedures for line parties working on trunk routes.
- 8. Circuit maintenance of the State of cables at WAPES.
- 9. Maintenance WAPES - SAN SEVERO.
- 10. Maintenance of 6/6 route WAPES - BARI.
- 11. Definition of responsibilities CSOs 2 and 3 districts, and arrangements in all other districts.
- 12. of L of C Signals personnel.
- 13. Various Communication - WAPES.
- 14. Maintenance SAN SEVERO - BARI.
- 15. Move of L.A.L. to CASERTA.
- 16. Operating Procedures for the handling of priority AD telephone calls.
- 17. Monitoring of telegraph circuits.
- 18. CSO 4 District long line construction and maintenance responsibilities.

CLASSIFIED
FILE
T.58

Handwritten signature

Brigadier,
Chief Signal Officer.

19 JAN 1946

DISTRIBUTION:-

- Director, State Sub-Commission, RA AC.
- CSO 2 District
- CSO 3 District
- Signal Officer, RAS
- Signal Officer, RAS (SOUTH)
- Signal Officer, RAS
- CSO 2 (W) Signal
- Wire Officer, RAS
- CSO 4 L of C Signals
- CSO 11 L of C Signals
- CSO 14 L of C Signals
- CSO 15 L of C Signals
- CSO 16 L of C Signals
- CSO 3 Railway Telegraph Coy.
- CSO 4 Railway Telegraph Coy.

Director	WAPES
CSO 2 District	
CSO 3 District	
Signal Officer, RAS	
Signal Officer, RAS (SOUTH)	
Signal Officer, RAS	
CSO 2 (W) Signal	
Wire Officer, RAS	
CSO 4 L of C Signals	
CSO 11 L of C Signals	
CSO 14 L of C Signals	
CSO 15 L of C Signals	
CSO 16 L of C Signals	
CSO 3 Railway Telegraph Coy.	
CSO 4 Railway Telegraph Coy.	

Meane

Check on copies
of Signal Instructions

Subject: - Change of Telephone Number.

25
Allied Force Headquarters,
Long Lines Liaison Office,
ROME.

X/50/14

To : as per Distribution.

10th January 1946.

Acc 22

1. Further to CSO L of C Italy letter 41X/4/13 dated 6th January 1946, the telephone number of this office will be changed from ROME 52171 to ROME 566016 repeat 566016 w.e.f. 0900 hrs 14th January 1946.

JOB/212.

Brigadier
Chief Signal Officer.

DISTRIBUTION:-

CSO AMH.
CSO L of C Italy
CSO 13 Corps
CSO IGA
CSO ACABRIT
SIG C USFA
CSO FFA
SIG C FBS
SIG C FBS (South)
CSO 2 District
CSO 3 District
CSO Air Force Sigs AMH Italy
SIG C RAAJ
CS 1 L of C Signals
CS 11 L of C Signals
CS 14 L of C Signals
CS 15 L of C Signals
CS 16 L of C Signals
CS 2 GHA Signals
CS 6 Air Force Signals
SIG O NARCH

Major Burns c/o Signalmaster 2 District
CS 4 Coy, 16 L of C Signals
OIC Fault Control Naples
OIC Fault Control Bologna
OIC Fault Control Rome
OIC Fault Control Florence
OIC Fault Control Poggia
OIC Fault Control Ancona
OIC Fault Control Bari
Caserta Maintenance Control
Milan Maintenance Control
Padua Maintenance Control
Udine Maintenance Control
CC Bologna Repeaters
Telecoms Board KLAGENFURT
Telecoms Board GRAZ
Long Lines Control PARIS
Long Lines Control WIESBADEN
Dir. Coms Sub-Commission, AG (2)
War Diary (2)

Director	<i>[Signature]</i>
Chief of Staff	<i>[Signature]</i>
Chief of Signals	<i>[Signature]</i>
Chief of Communications	<i>[Signature]</i>

CSO 2.	<i>[Signature]</i>
CSO 3.	<i>[Signature]</i>

THE UNIVERSITY OF CHICAGO

DISSEMINATION:-

CSO AFM)
CSO L of C Italy
CSO 13 Corps
CSO ITA
CSO ACABRIT
SIG C USFA
CSO FFA
SIG C PBS
SIG C PBS (South)
CSO 2 District
CSO 3 District
CSO Air Fm Sigs AMI Italy
SIG C RAMI
CG 1 L of C Signals
CG 11 L of C Signals
CG 14 L of C Signals
CG 15 L of C Signals
CG 16 L of C Signals
CG 2 GHI Signals
CG 6 Air Fm Signals
SIG C HAFGB

Major Burns c/o Signalmaster 2 District
 Maj & Coy, 16 L of C Signals
 OIC Fault Control Naples
 OIC Fault Control Bologna
 OIC Fault Control Rome
 OIC Fault Control Florence
 OIC Fault Control Foggia
 OIC Fault Control Ancona
 OIC Fault Control Bari
 Caserta Maintenance Control
 Milan Maintenance Control
 Padua Maintenance Control
 Udine Maintenance Control
 CC Bologna Repeaters
 Telecomms Board KLASCHURF
 Telecomms Board GRAC
 Long Lines Control PARIS
 Long Lines Control WIESBADEN
 Dir. Comms Sub-Commission, AC (2)
 War Diary (2)

War Diary (2)

Director _____
 U.S. Dept. _____
 Mr. Tolson _____
 Chief Postal _____
 Mr. Long _____
 Asst. Chief Postal _____
 Censorship _____
 Chief Clerk _____

FILE	1 TWO
T. 58	

Date ~~9-17-67~~ 9-17-67

22

Subject: Investigation

From: WFO L. G. C. MALL

To: Director, FBI

See 20

1. In accordance with the Bureau's request, the following information is being furnished to you for your information and guidance. This information was obtained from the files of the Bureau and is being furnished to you for your information and guidance.

The Ministry of State has been advised that the following information is being furnished to you for your information and guidance. This information was obtained from the files of the Bureau and is being furnished to you for your information and guidance.

2. The following information was obtained from the files of the Bureau and is being furnished to you for your information and guidance. This information was obtained from the files of the Bureau and is being furnished to you for your information and guidance.

3. The following information was obtained from the files of the Bureau and is being furnished to you for your information and guidance. This information was obtained from the files of the Bureau and is being furnished to you for your information and guidance.

4. The following information was obtained from the files of the Bureau and is being furnished to you for your information and guidance. This information was obtained from the files of the Bureau and is being furnished to you for your information and guidance.

5. The following information was obtained from the files of the Bureau and is being furnished to you for your information and guidance. This information was obtained from the files of the Bureau and is being furnished to you for your information and guidance.

(by telephone)

6. The following information was obtained from the files of the Bureau and is being furnished to you for your information and guidance. This information was obtained from the files of the Bureau and is being furnished to you for your information and guidance.

(by telephone)

45.7

7. The following information was obtained from the files of the Bureau and is being furnished to you for your information and guidance. This information was obtained from the files of the Bureau and is being furnished to you for your information and guidance.

Director
Chief of Bureau
[Signature]

45.7

Director	<i>[Signature]</i>
Chief of Staff	<i>[Signature]</i>
Chief of Operations	<i>[Signature]</i>
Chief of Communications	<i>[Signature]</i>
Chief of Logistics	<i>[Signature]</i>
Chief of Finance	<i>[Signature]</i>
Chief of Personnel	<i>[Signature]</i>
Chief of Security	<i>[Signature]</i>
Chief of Training	<i>[Signature]</i>
Chief of Public Affairs	<i>[Signature]</i>
Chief of Legal Affairs	<i>[Signature]</i>
Chief of Medical Affairs	<i>[Signature]</i>
Chief of Dental Affairs	<i>[Signature]</i>
Chief of Veterinary Affairs	<i>[Signature]</i>
Chief of Plant Affairs	<i>[Signature]</i>
Chief of Animal Affairs	<i>[Signature]</i>
Chief of Environmental Affairs	<i>[Signature]</i>
Chief of Energy Affairs	<i>[Signature]</i>
Chief of Transportation Affairs	<i>[Signature]</i>
Chief of Information Affairs	<i>[Signature]</i>
Chief of Technology Affairs	<i>[Signature]</i>
Chief of Space Affairs	<i>[Signature]</i>
Chief of Ocean Affairs	<i>[Signature]</i>
Chief of Atmosphere Affairs	<i>[Signature]</i>
Chief of Earth Affairs	<i>[Signature]</i>
Chief of Planets Affairs	<i>[Signature]</i>
Chief of Universe Affairs	<i>[Signature]</i>

He inform us of
center
RUC/PA
Musselwhite
informed of it.

GROUP REFS.	FILE
7.58	8 Fwd

Date: 7 OCT 1946

RESTRICTION

✓ 680924 68090852891200
 680910 400 60425 08000000
 0000 00000000 00000000

Director, Texas Gas Commission ✓
Overseas Insurance Program
12 copies - enc. copy
Total 20 + 1 = 21
4-74

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Major B. S. BURNS, c/o U. S. District Signal Office
St. Paul, 16 E. 3 Street

OIC	NAPLES	PC	Maintenance	General
OIC	BOLOGNA	PC	Maintenance	General
OIC	ROME	PC	Maintenance	General
OIC	FLORENCE	PC	Maintenance	General
OIC	BARI	PC	Maintenance	General
OIC	PESGIA	PC	Maintenance	General
OIC	ANCONA	PC	Maintenance	General
OIC	CASERTA		Maintenance	General
OIC	MILAN		Maintenance	General
OIC	UDINE		Maintenance	General
OIC	PADUA		Maintenance	General
OIC	BOLOGNA		Reporter	Station

Telecommunications Board FLAGSHIP
Telecommunications Board GRAC
Long Lines Control PARIS
Long Lines Control WASHINGTON
War Diary
Pile
Stacks

4526

COPY NO.

27 Dec 45

CSO L of C ITALY SIGNAL INSTRUCTION NO. 27

RESPONSIBILITIES FOR THE LONG LINE COMMUNICATIONS SYSTEM IN ITALYOBJECT

1. The object of this instruction is to define the responsibilities of CSO L of C ITALY, CSOs Districts, SO PBS and SO RAAC in respect of the Long Lines Communication System in ITALY. It should be read in conjunction with CSO L of C ITALY's Signal Instruction No. 26.

TERMS

2. Throughout this instruction the term "Fault Control Area" implies the Fault Control and all long lines plant, such as Carrier Terminals, Telegraph Network, LD Exchanges, Power Plant and Repeater Plant within the area.

PHASE 1 and 23. Control

During these phases, the control of the System is an Allied Military responsibility, although the civil authorities will be providing the personnel to maintain the routes and man part of the Fault Controls.

4. CSO L of C ITALY

CSO L of C ITALY will be responsible for the operation of the System. This will be carried out as follows:

- (a) Issue of TCOs direct to Fault Control Officers, with copies to CSOs, SOs and Unit Commanders.
- (b) Issue of Diagrams applicable to the Long Line System to CSOs and SOs (incl copies for units, etc. under command) and to Fault Control Officers.
- (c) Issue of instructions requiring immediate attention direct to Fault Control Officers, with copies to CSOs, SOs and Unit Commanders.
- (d) Issue of all other instructions concerning the System to CSOs and SOs, e.g. Routine Maintenance Instructions.
- (e) Periodical inspections of system by CSO L of C ITALY Staff in conjunction with Unit Commanders.

5. CSOs Districts, SO PBS and SO RAAC

CSOs and SOs will be responsible for the efficient running of the

1. The object of this instruction is to ensure that the term "Fault Control Area" implies CSO L of C ITALY, CSOs Districts, SO PBS and SO RAAC in Italy. It should be read in conjunction with CSO L of C ITALY's Signal Instruction No. 26.

TERMS

2. Throughout this instruction the term "Fault Control Area" implies the Fault Control and all long lines plant, such as Carrier Terminals, Telegraph Network, LD Exchanges, Power Plant and Repeater Plant within the area.

PHASE 1 and 2

3. Control

During these phases, the control of the System is an Allied Military responsibility, although the civil authorities will be providing the personnel to maintain the routes and man part of the Fault Controls.

4. CSO L of C ITALY

CSO L of C ITALY will be responsible for the operation of the System. This will be carried out as follows:

- (a) Issue of TCOs direct to Fault Control Officers, with copies to CSOs, SOs and Unit Commanders.
- (b) Issue of Diagrams applicable to the Long Line System to CSOs and SOs (incl copies for units, etc. under command) and to Fault Control Officers.
- (c) Issue of instructions requiring immediate attention direct to Fault Control Officers, with copies to CSOs, SOs and Unit Commanders.
- (d) Issue of all other instructions concerning the System to CSOs and SOs, e.g. Routine Maintenance Instructions.
- (e) Periodical inspections of system by CSO L of C ITALY Staff in conjunction with Unit Commanders.

5. CSOs Districts, SO PBS and SO RAAC

CSOs and SOs will be responsible for the efficient running of the System and disciplinary and administrative matters. This will include

ensuring:

Chief Inspector
Chief Inspector that the Fault Controls are efficiently manned, including that portion manned by civil personnel. In the event of representation to the Regional Engineer failing to achieve efficiency, the case will be taken up through CSO L of C ITALY for action by the Ministry of Posts and Telegraphs.

Censorship

Chief Clerk

1.58

/To Page 2.....

Date 4 GEN 1946

Page 25. CSOs Districts, SO PBS and SO RAAC (Contd)

- (b) that the civil personnel are carrying out efficient maintenance of the routes both overhead and underground, and civil-owned equipment in which there is military interest.

Note: It is considered that it should not be a function of the Fault Control Officers to carry out inspections of all portions of the indoor and outdoor plant which is the maintenance and responsibility of the civil authorities except that actually within the Fault Control building. This can best be done under Unit arrangements.

- (c) that no circuit change of the system is made without a TCO from this Branch.
- (d) that Fault Control Officers comply with TCOs as issued by this Branch.
- (e) that the necessary Standing Orders are compiled and issued to Fault Control Officers, with copies to this Branch.
- (f) that up-to-date records are maintained at Fault Controls.
- (g) that the Military-owned equipment as provided is maintained, and advising this Branch of any replacements which are necessary and cannot be met from his own resources.
- (h) that recommendations for any variations in allocation of circuits or the operation of the system are forwarded to this Branch. If, of an urgent nature, Fault Control Officers should forward this direct to this Branch, with copies as required by CSO or SO concerned.

- (i) that reports of major breakdowns are forwarded by Fault Control Officers direct to this Branch, and by the most expeditious means.

- (j) that "Fire Brigade" Sections are provided and suitably placed for use in emergencies.

- (k) that periodical military inspections of all plant, used by Civil for the provision of military circuits, are carried out.

- (l) that no change in policy relating to, or physical change of the system is carried out without instructions from this Branch.

6. Fault Control Officers

Standing Orders for Fault Control Officers should cover the following:-

portions of the indoor and outdoor portions of the civil authorities, except maintenance and responsibility of the civil authorities. This can best be done under Unit arrangements.

- (c) that no circuit change of the system is made without a TCO from this Branch.
- (d) that Fault Control Officers comply with TCOs as issued by this Branch.
- (e) that the necessary Standing Orders are compiled and issued to Fault Control Officers, with copies to this Branch.
- (f) that up-to-date records are maintained at Fault Controls.
- (g) that the Military-owned equipment as provided is maintained, and advising this Branch of any replacements which are necessary and cannot be met from his own resources.
- (h) that recommendations for any variations in allocation of circuits or the operation of the system are forwarded to this Branch. If, of an urgent nature, Fault Control Officers should forward this direct to this Branch, with copies as required by CSO or SO concerned.
- (i) that reports of major breakdowns are forwarded by Fault Control Officers direct to this Branch, and by the most expeditious means.
- (j) that "Fire Brigade" Sections are provided and suitably placed for use in emergencies.
- (k) that periodical military inspections of all plant, used by Civil for the provision of military circuits, are carried out.
- (l) that no change in policy relating to, or physical change of the system is carried out without instructions from this Branch.

6. Fault Control Officers

Standing Orders for Fault Control Officers should cover the following:-

- (a) Responsibility for the control of the Fault Control and line maintenance. In this respect all dealings with the civil organisations should, as far as is practicable, be carried out through the Regional Engineer.
- (b) Relationship between Fault Controls and Maintenance Controls.

/To Page 3.....

Page 3

6. Fault Control Officers (Contd)

(c) Maintenance of Records: Ensuring through the Regional Engineer that the civil organisation maintains records for the whole Long Lines Telephone Network within the Fault Control area, including circuit cards for military VFT systems.

(d) Maintenance of Line Records: Ensuring that line records in diagrammatic form only are kept in respect of military long lines in the Fault Control area in addition to the overall records maintained by the civilian staff. He will NOT maintain duplicate telephone circuit cards. He will, however, maintain VFT system cards and individual circuit cards covering the complete military telegraph network for which his Fault Control area is concerned.

(e) Carrying out of instructions and TCOs as issued.

(f) Forwarding TCO completion reports to this Branch.

(g) Ensuring that no circuit change is made without the authority of this Branch.

(h) Forwarding of recommendations concerning the system. Recommendations concerning re-allocations of circuits should be made to CSO or SO, through normal channels unless of such an urgent nature as to warrant direct application to CSO L of C ITALY in accordance with Para 5 (b).

(i) Forwarding of routine returns as ordered.

(j) General liaison with the civil organisation to ensure the smooth running or the overall efficiency of the Fault Control area.

(k) Routine tests on circuits as laid down are carried out at the prescribed intervals.

7. Unit or Company HQ

The overall responsibility for the efficient working of the Fault Control Area lies with the Unit or Company Commander as instructed by his CSO or SO. Most Fault Control Areas cover much territory and it is not possible for Fault Control Officers to be made directly responsible for the administration and inspection of the complete Fault Control Area without affecting his primary duty, which is the OPERATION of the system. His other duties should, therefore, be confined to an area which will not involve his leaving the Fault Control. He must, however, be placed in technical charge of the whole area as far as operation is concerned. The Unit or Company Commander should, therefore, be directly responsible for the following:-

(a) Provision and administration of military personnel employed in Fault Control Areas.

(b) Provision and administration of Long Lines plant, both military

Records maintained by the Government. He will, however, maintain duplicate telephone circuit cards. He will, however, maintain VPT system cards and individual circuit cards covering the complete military telegraph network for which his Fault Control area is concerned.

- (e) Carrying out of instructions and TCOs as issued.
- (f) Forwarding TCO completion reports to this Branch.
- (g) Ensuring that no circuit change is made without the authority of this Branch.
- (h) Forwarding of recommendations concerning the system. Recommendations concerning re-allocations of circuits should be made to CSO or SO, through normal channels unless of such an urgent nature as to warrant direct application to CSO L of C ITALY in accordance with Para 5 (b).
- (i) Forwarding of routine returns as ordered.
- (j) General liaison with the civil organisation to ensure the smooth running or the overall efficiency of the Fault Control area.
- (k) Routine tests on circuits as laid down are carried out at the prescribed intervals.

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- (a) Provision and administration of military personnel employed in Fault Control Areas.
- (b) The routine inspection of Long Lines plant, both military and civil, provided that the latter is of military interest,

/To Page 4.....

Page 4

7. Unit or Company HQ (Contd)

(c) Ensuring that the civilian system for the provision of maintenance stores, petrol, tools, etc is adequate to maintain military circuits. Representations for the provision of such stores and equipment must be made by the Regional Engineer through civil channels, but where the required materials are not forthcoming, the Unit or Company Commander should make representations through military channels. It may be necessary, in emergencies, to arrange issue from military sources but this should only be done as a last resort.

PHASE 38. Control

When Phase 3 comes into force, the direct control of the system will pass from Allied Military to the civil authorities with the exception of the military LD exchanges, Military Telegraph Network and Military-type Carrier Systems (1 + 1, 1 + 4, CF-1 and Packaged 'C').

9. CSO L of C ITALY

CSO L of C ITALY will be responsible for ensuring that all requirements of the Allied Military on the civil system are met. This will be carried out as follows:-

- (a) Provision of Liaison Officers with the Civil Long Lines Department (Ministry of Posts and Telecommunications).
- (b) Screening of TCOs issued by the Civil Long Lines Department, and ensuring that copies of these TCOs are sent by the Department to Fault Control Liaison Officers at Fault Controls concerned. These TCOs will NOT be sent to formations and units.
- (c) Informing formations concerned of circuits being provided or ceased.
- (d) Issue of TCOs for allocations of telegraph circuits on the LD network, as in Para 4 (a).
- (e) Issue of diagrams to CSOs and SOs (with copies for units etc) and Fault Control Liaison Officers. These will be issued as and when required, and will consist of Allocation Diagram, Telephone Traffic Diagram and Telegraph Traffic Diagram.
- (f) Issue instructions direct to Fault Control Liaison Officers on matters requiring immediate attention.
- (g) All other instructions concerning the system will be issued to CSOs or SOs.
- (h) Informing CSOs and SOs of the agreed routine maintenance procedure to be carried out by the civil authorities.

Fault Control

PHASE 38. Control

When Phase 3 comes into force, the direct control of the system will pass from Allied Military to the civil authorities with the exception of the military LD exchanges, Military Telegraph Network and Military-type Carrier Systems (1 + 1, 1 + 4, CT-1 and Packaged 'C').

9. CSO L of C ITALY

CSO L of C ITALY will be responsible for ensuring that all requirements of the Allied Military on the civil system are met. This will be carried out as follows:-

- (a) Provision of Liaison Officers with the Civil Long Lines Department (Ministry of Posts and Telecommunications).
- (b) Screening of TCOs issued by the Civil Long Lines Department, and ensuring that copies of these TCOs are sent by the Department to Fault Control Liaison Officers at Fault Controls concerned. These TCOs will NOT be sent to formations and units.
- (c) Informing formations concerned of circuits being provided or ceased.
- (d) Issue of TCOs for allocations of telegraph circuits on the LD network, as in Para 4 (a).
- (e) Issue of diagrams to CSOs and SOs (with copies for units etc) and Fault Control Liaison Officers. These will be issued as and when required, and will consist of Allocation Diagram, Telephone Traffic Diagram and Telegraph Traffic Diagram.
- (f) Issue instructions direct to Fault Control Liaison Officers on matters requiring immediate attention.
- (g) All other instructions concerning the system will be issued to CSOs or SOs.
- (h) Informing CSOs and SOs of the agreed routine maintenance procedure to be carried out by the civil authorities.
- (i) Informing the Long Lines Department and Fault Control Liaison Officers of the re-route procedures for telephone circuits, with copies to CSOs and SOs and Unit Commanders. The same procedure will be followed for telegraph circuits, except that the Long Lines Department will not be informed.
- (j) Periodical inspections of the system by CSO L of C ITALY Staff in conjunction with Unit Commanders.

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Page 5

10. CSOs Districts, SO PBS and SO RMAC

CSOs and SOs will be responsible for the efficient running of the telegraph network and maintenance of military-owned telephone equipment and of disciplinary and administrative Allied Military matters. They will also be responsible that the civil authorities carry out efficiently the maintenance of the long lines telephone system and in a manner which will not affect adversely the efficiency of military communications. This responsibility will include:

- (a) Provision of Fault Control Liaison Officers who will also be the Fault Control Officers for the military telegraph system.
- (b) That the Fault Controls are efficiently manned, including that portion manned by the civil authorities.
- (c) That the civil personnel are carrying out efficient maintenance of the routes, both overhead and underground, and civil-maintained equipment.

Note: It is considered that it should not be a function of the Fault Control Liaison Officers to carry out inspections of the indoor and outdoor plant which is the responsibility of the civil authorities, except that actually within the Fault Control building; this can best be done under Unit arrangements.

- (d) That no circuit change of the telegraph system is made without a TCO from this Branch.
- (e) That Fault Control Liaison Officers comply with TCOs as issued by this Branch.
- (f) That the necessary Standing Orders are compiled and issued to Fault Control Liaison Officers, with copies to this Branch.
- (g) That up-to-date military records are maintained at Fault Controls.
- (h) That Military-owned equipment as provided is maintained, and advising this Branch of any replacements which are necessary and which cannot be made from his own resources.
- (i) That recommendations for any variations in allocation of military circuits, both telephone and telegraph, or the operation of the system are forwarded to this Branch. If, of an urgent nature, the Fault Control Liaison Officers should forward this direct to this Branch.
- (j) That reports of major breakdowns are forwarded by Fault Control Liaison Officers direct to this Branch.
- (k) That "Fire Brigade" Sections are provided and suitably placed for use in emergencies.

(l) That military inspections of all plant for the

- be the Fault Controls are efficiently manned, increased that portion manned by the civil authorities.
- (b) That the Fault Controls are efficiently manned, increased that portion manned by the civil authorities.
- (c) That the civil personnel are carrying out efficient maintenance of the routes, both overhead and underground, and civil-maintained equipment.

Note: It is considered that it should not be a function of the Fault Control Liaison Officers to carry out inspections of the indoor and outdoor plant which is the responsibility of the civil authorities, except that actually within the Fault Control building; this can best be done under Unit arrangements.

- (d) That no circuit change of the telegraph system is made without a TCO from this Branch.
- (e) That Fault Control Liaison Officers comply with TCOs as issued by this Branch.
- (f) That the necessary Standing Orders are compiled and issued to Fault Control Liaison Officers, with copies to this Branch.
- (g) That up-to-date military records are maintained at Fault Controls.
- (h) That Military-owned equipment as provided is maintained, and advising this Branch of any replacements which are necessary and which cannot be made from his own resources.
- (i) That recommendations for any variations in allocation of military circuits, both telephone and telegraph, or the operation of the system are forwarded to this Branch. If, of an urgent nature, the Fault Control Liaison Officers should forward this direct to this Branch.
- (j) That reports of major breakdowns are forwarded by Fault Control Liaison Officers direct to this Branch.
- (k) That "Fire Brigade" Sections are provided and suitably placed for use in emergencies.
- (l) That periodical military inspections of all plant for the provision of military circuits are carried out. During these inspections it should be ensured that the civil personnel are carrying out routine maintenance instructions as agreed by this Branch with the civil authorities.
- (m) That no change in policy relating to, or physical change of the System is carried out without instructions from this Branch

/To page 6.....

Page 611. Liaison Officers at Civil Long Lines Department

Liaison Officers at Civil Long Lines Department will be a part of the CSO L of C ITALY Staff. Their duties will be:-

- (a) To act as the local representatives of CSO L of C ITALY to the Allied Commission in cases of urgency.
- (b) To place before the Civil Long Lines Department all military long line requirements, and to ensure that these demands are met expeditiously and correctly. To ensure that only those circuit demands which come within the jurisdiction of the Long Lines Department are placed with the Military Liaison Office; that office will prepare and amend from time to time as may be necessary a plan or diagram showing the layout of the routes which are controlled by the Long Lines Department.
- (c) To allocate by means of TCO all military telegraph circuits which are at present controlled by CSO L of C ITALY.
- (d) To advise Fault Control Liaison Officers of circuit order references affecting the military telephone network together with the target date and time agreed for completion.
- (e) Advising HQs and formations of the provision or ceasing of circuits with which they are concerned.
- (f) To issue diagrams giving telegraph allocation, and details of all military telephone circuits which are controlled by the Civil Long Lines Department.
- (g) To issue to the Long Lines Department and Italian Fault Controls priority re-route schedules for military circuits.
- (h) To examine traffic data both telephone and telegraph at present submitted to CSO L of C ITALY.
- (i) To issue telegraph and telephone routing directories.
- (j) To pursue through AC those matters requiring urgent attention which cannot be settled locally.
- (k) To refer to CSO L of C ITALY for matters of policy, and in all cases where satisfaction cannot be obtained from direct liaison. Copies of correspondence coming within this latter category will be sent to Director, Communications Sub-Commission, A.C.
- (l) Although the Civil Long Lines Department will issue the order for all long line changes, the actual control of the allocation of circuits working on CP-1, Packaged 'C', military 1 + 1 and 1 + 4 equipments will be exercised by the Military Liaison Officer through the Long Lines Department and these systems will be shown in full on the diagrams issued by the Military Liaison Office.

military long line requirements, and to ensure that these demands are met expeditiously and correctly. To ensure that only those circuit demands which come within the jurisdiction of the Long Lines Department are placed with the Military Liaison Office; that office will prepare and amend from time to time as may be necessary a plan or diagram showing the layout of the routes which are controlled by the Long Lines Department.

- (c) To allocate by means of TCO all military telegraph circuits which are at present controlled by CSO L of C ITALY.
- (d) To advise Fault Control Liaison Officers of circuit order references affecting the military telephone network together with the target date and time agreed for completion.
- (e) Advising HQs and formations of the provision or ceasing of circuits with which they are concerned.
- (f) To issue diagrams giving telegraph allocation, and details of all military telephone circuits which are controlled by the Civil Long Lines Department.
- (g) To issue to the Long Lines Department and Italian Fault Controls priority re-route schedules for military circuits.
- (h) To examine traffic data both telephone and telegraph at present submitted to CSO L of C ITALY.
- (i) To issue telegraph and telephone routing directories.
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- (l) Although the Civil Long Lines Department will issue the order for all long line changes, the actual control of the allocation of circuits working on CP-1, Packaged 'C', military 1 + 1 and 1 + 4 equipments will be exercised by the Military Liaison Officer through the Long Lines Department and these systems will be shown in full on the diagrams issued by the Military Liaison Office.
- (m) To assist and advise generally the Long Lines Department in the handling of the Military Long Lines requirements.

12. Fault Control Liaison Officers

Standing Orders for Fault Control Liaison Officers should cover the following:-

- (a) Liaison with the Regional Engineer.

/To Page 7.4.

Page 712. Fault Control Liaison Officers (Contd.)

(c) Maintenance of Records: Ensuring through the Regional Engineer that the civil organisation maintains records for the whole Long Lines Telephone Network within the Fault Control area, including circuit cards for military VFT systems.

(d) Maintenance of Line Records: Ensuring that line records in diagrammatic form only are kept in respect of military long lines in the Fault Control Area in addition to the overall records maintained by the civilian staff. He will NOT maintain duplicate telephone circuit cards. He will, however, maintain VFT system cards and individual circuit cards covering the complete military telegraph network for which his Fault Control Area is concerned.

(e) Carrying out of instructions and telegraph TCOs as issued.

(f) Completion of telegraph TCOs will be forwarded to Liaison Officers at Long Lines Department.

(g) No circuit change is made to the military telegraph system without the authority of the Military Liaison Officer.

(h) Ensuring that the civil personnel carry out the circuit changes affecting the military network as ordered by the Long Lines Department. Notification of the issue of these orders will be sent by Liaison Officers at Long Lines Department to Fault Control Liaison Officers who, in turn, will advise completion to Liaison Officers at Long Lines Department.

(i) Forwarding of recommendations concerning the system. Recommendations concerning re-allocation of circuits should be made to the CSO or SO, through normal channels unless of such an urgent nature as to warrant direct application to CSO L of C ITALY in accordance with Para 10 (i).

(j) Forwarding of routine returns as ordered.

(k) General liaison with the civil organisation to ensure the smooth running and the overall efficiency of the Fault Control area.

(l) Routine tests on circuits as laid down are carried out at the prescribed intervals.

13. Unit or Company HQ

The overall responsibility for the efficient working of the Fault Control Area lies with the Unit or Company Commander as instructed by his CSO or SO. Most Fault Control Areas cover much territory and it is not possible for Fault Control Officers to be made directly responsible for the administration and inspection of the complete Fault Control Area without affecting his primary duty, which is the OPERATION of the system. His other duties should, therefore, be confined to an area which will not involve his leaving the Fault Control. He must, however, be placed in technical charge of the Fault Control. The Unit or Company Commander is responsible for the following:-

IDENTITY TO OUR FOLK

- Area is concerned.
- (e) Carrying out of instructions and telegraph TCOs as issued.
- (f) Completion of telegraph TCOs will be forwarded to Liaison Air Force Lines Department.

13. Unit or Company HQ

13. Unit or Company is

The overall responsibility for the efficient working of the Fault Control Area lies with the Unit or Company Commander as instructed by his CSO or SO. Most Fault Control Areas cover much territory and it is not possible for Fault Control Officers to be made directly responsible for the administration and inspection of the complete Fault Control Area without affecting his primary duties which is the OPERATION of the system. His other duties should, therefore, be confined to an area which will not involve his leaving the Fault Control. He must, however, be placed in technical charge of the whole area as far as operation is concerned. The Unit or Company Commander should, therefore, be directly responsible for the

- (a) Provision and administration of military personnel employed in Fault Control areas.
- (b) The routine inspection of Long Lines plant, both military and civil, provided that the latter is of military interest,

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in emergencies, to arrange issue from military
should only be done as a last resort.

GENERAL

14. "Fire Brigade" Sections

(a) There will be four types of sections, known as "Fire Brigade" Sections held in readiness for emergencies, such as the breakdown of the civil organisation. These sections will be:-

- (i) Line sections for open-wire.
- (ii) TE sections for internal plant maintenance.
- (iii) Line section for U/G.
- (iv) TE section for U/G repeater stations.

(b) Sections in (i) and (ii) will be under control of CSO or SO concerned.

(c) Sections in (iii) and (iv) will be under direct operational control of CSO L of C ITALY, but can be called upon by CSOs Districts direct if the emergency does not permit of the delay involved in requesting their use through CSO L of C ITALY. They may be contacted direct for technical advice.

(d) None of the above sections should be employed on any part of the long line system manned and operated by civil unless the communications provided by civil for the Allied Military are likely to be affected to an extent which cannot be accepted.

15. U/G Liaison Officer

A military U/G Liaison Officer has been provided to assist SIRT and the Azienda di Stato in the maintenance and technical operation of the underground system. He is under direct operational control of CSO L of C ITALY, but can be called upon by CSOs Districts, SO PBS or SO RAC for technical advice. He is free to inspect any portion of the State U/G System and will be based on SIRT Office, MILAN.

16. New Organisation

On 1 Jan 46, the functions of CSO L of C ITALY will be taken over by CSO AFHQ and CSO L of C ITALY will cease to exist. From this date, where CSO L of C ITALY appears in this instruction read CSO AFHQ.

17. ACKNOWLEDGE.

AEM : Jmc.

Wm. Wm.
Wm. Wm.
Chief Signal Officer.

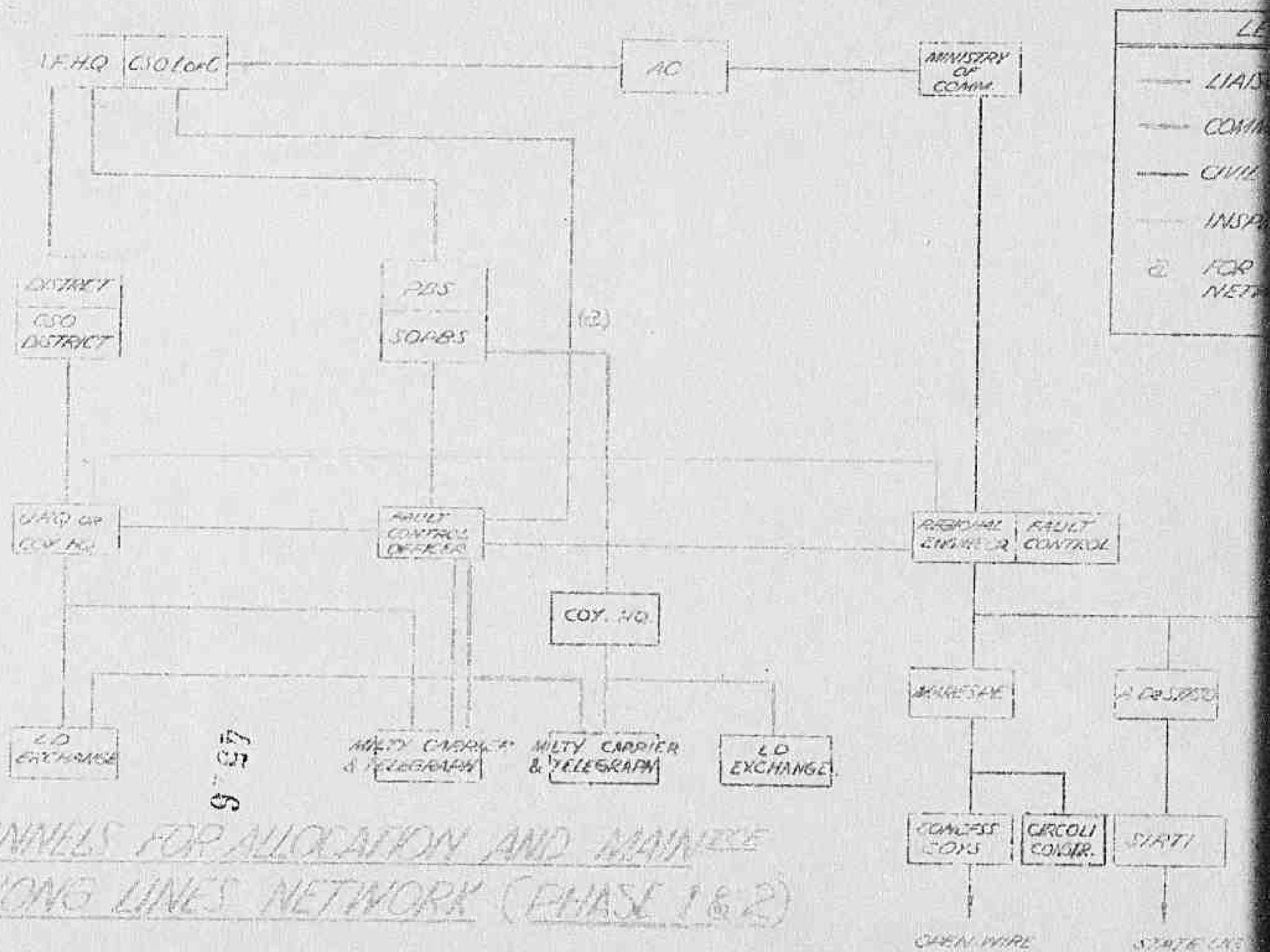
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Page 2DISTRIBUTIONCOPY NO(s).

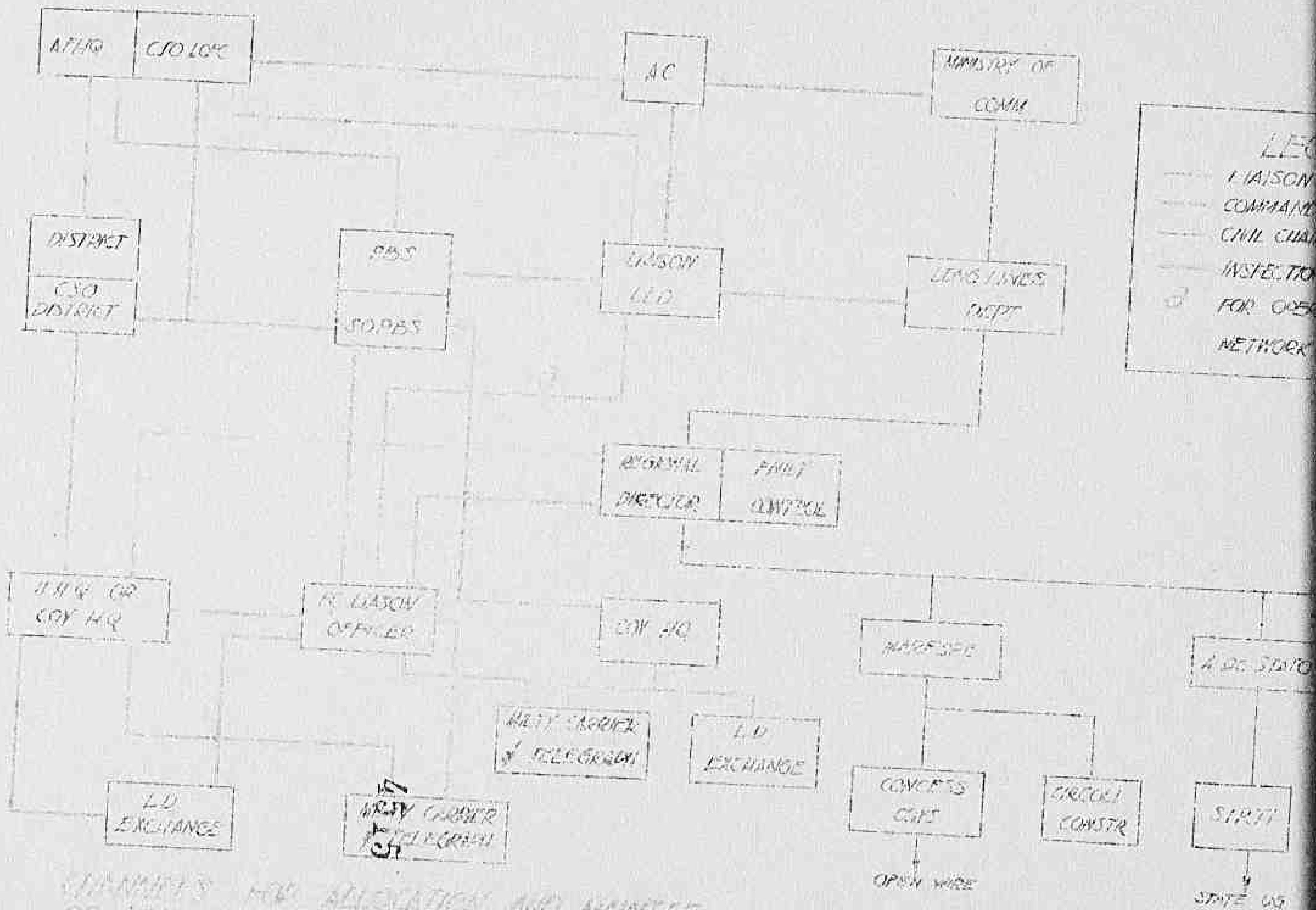
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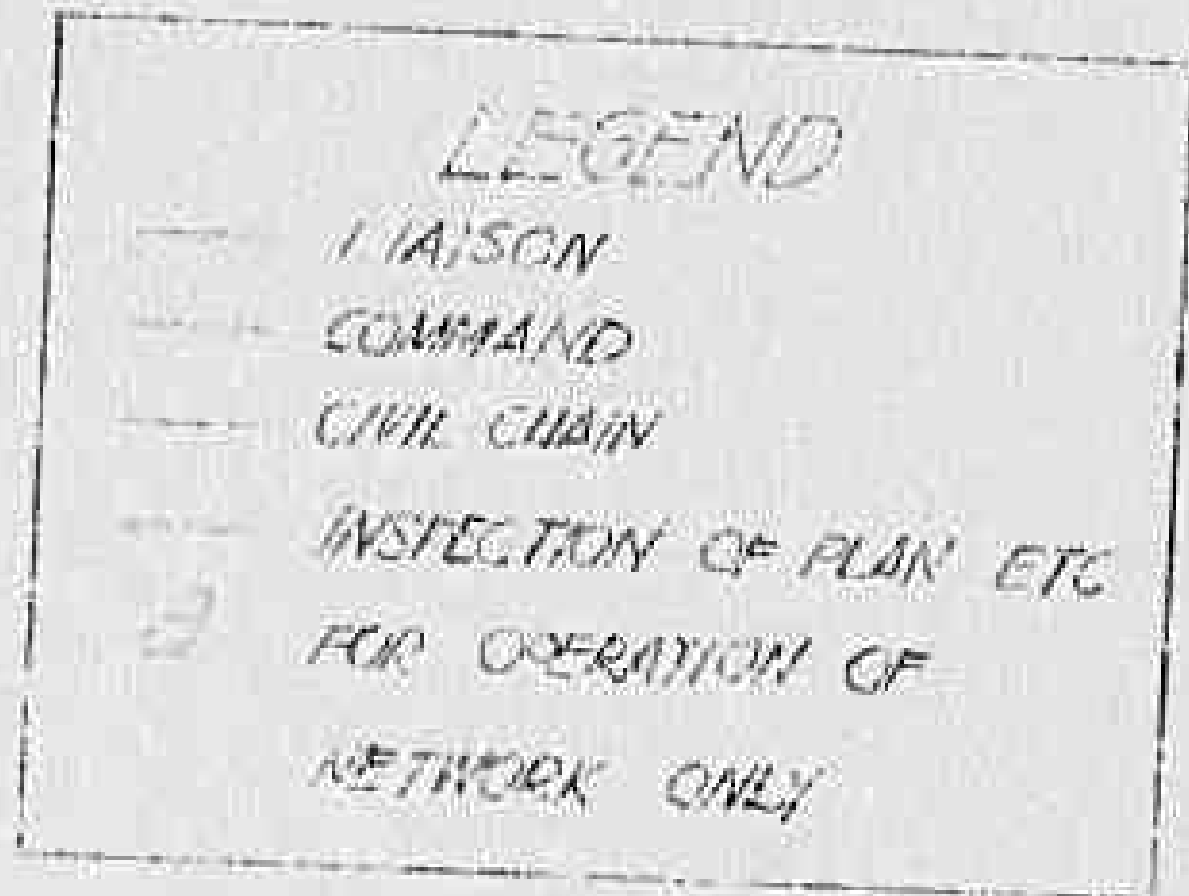




6
RR ALLOCATION AND MAINTENANCE
VPS NETWORK (PHASE 1 & 2)



MINUTES FOR ALLOCATION AND ACQUISITION OF LONG LINES NETWORK (PHASE 5)



FOR DISCUSSION AND REPLY
USE 5 NE FUROR (PAGE 3)

CROSS		COPY NO. 11 (20)	
Chief Telecoms		27 Nov 45	
Chief Postal		12 Nov 45	
A. Q. Coms O.		12 Nov 45	
Asst Chief Postal		12 Nov 45	
Censorship		12 Nov 45	
Chief of Long Line Telephone Responsibilities to Civil Authorities		12 Nov 45	

INFORMATION

1. Areas. This instruction is appropriate only to long line facilities in the areas covered respectively by 2 District, 3 District, PAS and PAB, as at present under the control of CSO L of C ITALY and of the CSOs and SOs of those Districts and areas.

2. Equipment. This instruction applies to all civil type equipment, SO-3F carrier equipment, MCK-8 carrier equipment and all associated power plants in use on O/H and U/G lines. It does NOT apply to telegraph equipment, CF-1, Packaged 'C', Military 1 + 1 and 1 + 4 carrier equipment.

3. Present Organisation. At present the responsibility for the maintenance and operation of O/H lines and associated plant and the operation of the U/G cable system rests with the Allied military authorities. The responsibility for the maintenance of the U/G cable system with associated plant rests with the civil authorities.

4. Civil Organisation. The Italian Ministry of Communications is setting up in Rome a headquarters organisation to be known as the 'Long Lines Department' and this will control, for the purpose of long lines facilities, the following sub-departments:-

- (a) ALRESE. Charged with the maintenance of all long line open wires and associated equipment.
- (b) AZIENDA DI STATO. Charged with the maintenance of the State underground cable system and associated equipment.
- (c) A department dealing with concessionary companies.
- (d) Telegraph department (for civil telegraphs only).

The Ministry of Communications 'Long Lines Department' will be represented at the present Fault Control locations by a Regional Engineer who may also be the local ALRESE representative. ALRESE maintenance parties have been set up as necessary to deal with open wire maintenance; the Azienda di Stato and concessionary company organisations are already in existence.

METHOD

- 5. To hand-over the responsibility for the maintenance and operation of long lines and associated plant from Allied military to civil authority at as early a date as possible.

METHOD

The hand-over will take place in three phases:-

1. Areas. This instruction is appropriate only to long line facilities in the areas covered respectively by 2 District, 3 District, PBS and PA40, as at present under the control of CSO L of C ITALY and of the CSCs and SOs of those Districts and areas.

2. Equipment. This instruction applies to all civil type equipment, SO-IP carrier equipment, MKK-5 carrier equipment and all associated power plants in use on O/H and U/G lines. It does NOT apply to telegraph equipment, CE-1, Packaged 'O', Military 1 + 1 and 1 + 4 carrier equipment.

3. Present Organisation. At present the responsibility for the maintenance and operation of O/H lines and associated plant and the operation of the U/G cable system rests with the Allied military authorities. The responsibility for the maintenance of the U/G cable system with associated plant rests with the civil authorities.

4. Civil Organisation. The Italian Ministry of Communications is setting up in Rome a headquarters organisation to be known as the 'Long Lines Department' and this will control, for the purpose of long lines facilities, the following sub-departments:-

- (a) INTESE. Charged with the maintenance of all long line open wires and associated equipment.
- (b) AZIENDA DI STATO. Charged with the maintenance of the State underground cable system and associated equipment.
- (c) A department dealing with concessionary companies.
- (d) Telegraph department (for civil telegraphs only).

The Ministry of Communications 'Long Lines Department' will be represented at the present Fault Control locations by a Regional Engineer who may also be the local INTESE representative. INTESE maintenance parties have been set up as necessary to deal with open wire maintenance; the Azienda di Stato and concessionary company organisations are already in existence.

INTENTION

5. To hand-over the responsibility for the maintenance and operation of long lines and associated plant from Allied military to civil authority at as early a date as possible.

METHOD

6. Phasing. The hand-over will take place in three phases:-

- (a) Phase 1 Open wire lines, and operation of fault controls.
- (b) Phase 2 Carrier equipment (SO-3P and MKK-5).
- (c) Phase 3 Complete system, including allocation.

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7. Phase 1

(a) Civil organization

Sufficient personnel and vehicles are now available to the civil authorities to permit their taking over the maintenance of the lines and associated plant. There is, however, a shortage of tools at present and CSOs Districts and SO PPS and RAG will arrange for these to be temporarily loaned to civil organizations, until replaced by Italian-owned tools. A frequent check of these tools will be made.

(b) Line maintenance

Civil organizations as detailed in para 4 above will take over the complete responsibility for the external maintenance of the lines. CSOs Districts, SO PPS and SO RAG will not, however, withdraw the military line sections from their respective areas where they will be held in readiness until it is clear that the civil organizations are carrying out maintenance satisfactorily. When the line sections have been withdrawn, the Engineer line sections will be concentrated, as previously arranged, for emergency work. When this stage has been reached a report will be forwarded to this HQ.

(c) Fault Control

The civil organization will take over the responsibility of manning and operating the Fault Controls, including the keeping of records. The military Fault Control Officer, with the clerical staff, will be retained. He will remain in control of the Fault Control, issue the necessary orders to the Regional Engineer and ensure that the changes as ordered are carried out. He will also continue to maintain military records. The military maintenance personnel will be withdrawn, but held in readiness in the area for emergency work, until the CSOs Districts, SO PPS and SO RAG are satisfied that the civil authorities are capable of carrying out the work satisfactorily. After this, a small reserve of maintenance personnel will be held by CSOs Districts SO PPS and SO RAG, in case of emergency.

(d) Switchboards

The manning, maintenance and operation of the LD switchboards will remain a military responsibility.

(e) TCOs

TCOs will continue to be issued by CSO I or O ILLD with distribution as at present. No alteration to circuits controlled by CSO I or O ILLD will be made without the necessary TCO.

(f) Time

Phase 1 will come into operation on 7 Dec 45.

8. Phase 2

(a) Civil Personnel

There are at present sufficient civil personnel under training to maintain and operate the carrier equipment concerned.

Civil organizations as detailed in para 4 above will have complete responsibility for the external maintenance of the lines. CSOs Districts, SC IES and SO RAO will not, however, withdraw the military line sections from their respective areas where they will be held in readiness until it is clear that the civil organizations are carrying out maintenance satisfactorily. When the line sections have been withdrawn, "Fire Brigades" line sections will be concentrated, as previously arranged, at the main depots. When this stage has been reached a report will be forwarded to this HQ.

(c) Joint Controls

The civil organization will take over the responsibility of manning and operation, the Fault Centres, including the keeping of records. The military Fault Control Officer, with the clerical staff, will be retained. He will remain in control of the Fault Control, issue the necessary orders to the Regional Engineer and ensure that the changed as ordered are carried out. He will also continue to maintain military records. The military maintenance personnel will be withdrawn, but held in readiness in the area for emergency, until the CSOs Districts, SC IES and SO RAO are satisfied that the civil authorities are capable of carrying out the work satisfactorily. After this, a small reserve of maintenance personnel will be held by CSOs Districts SC IES and SO RAO, in case of emergency.

(d) LT Switchboards

The manning, maintenance and operation of the LT switchboards will remain a military responsibility.

(e) TCOs

TCOs will continue to be issued by CSO I or O until with distribution as at present. No alteration to circuits controlled by CSO I or O until will be made without the necessary TCO.

(f) Time

Phase 1 will come into operation on 7 Dec 45.

B. Phase 2

(a) Civil Personnel

Those are at present sufficient civil personnel under training to maintain and operate the carrier equipment concerned.

(b) Carrier Maintenance

The civil organization will take over the operation and maintenance of all SC-37 and AM-8 type carrier equipment and associated plant, under instructions of the Regional Engineer concerned.

/No Page 3.....

Page 3

8. Phase 2 (Contd)(c) Time

Phase 2 will come into force at a date and time to be notified later.

9. Phase 3(a) Long Lines Department, Ministry of Communications

Under Phase 3 this organisation will take over complete control of the Underground Cable and Open Wire Systems in the country. It will be responsible for maintaining records and issuing the necessary orders to fault controls. Two Officers from CSO L of C India will be attached to the Long Lines Department as Liaison Officers. The two Officers will be responsible for putting forward the military demands to the Long Lines Department and ensuring that such demands are met.

(b) Fault Controls

The control of the Fault Controls will be taken over by the Regional Engineers.

A military officer will be attached by CSOs Districts, SO PBS or RAO as the case may be to each Fault Control as Liaison Officer. He will be responsible for ensuring that the military demands are met and that records are kept up to date. He will assist the Regional Engineer in every way possible, reporting direct to CSO L of C India, with copies to his Unit commander and to the appropriate CSO District, or SO PBS or RAO respectively, any matter which is not satisfactory and needs urgent attention.

(c) Military requirements

Demands for facilities for the military authorities will be made through CSO L of C India to Military Liaison Officers working with the Long Lines Department, Ministry of Communications. The Military Liaison Officers will ensure that the demands are met.

(d) Time

Phase 3 will come into force at a date and time to be notified later.

10. Test Equipment

It is understood that the civil organisations are at present short of test equipment, telephones, etc. Such equipments will be handed over where necessary by CSOs Districts or SO PBS or RAO respectively to the civil organisations on temporary loan. A frequent check of this equipment will be made.

11. Handing Over Certificates - Lines and Equipment

Handing over certificates will be obtained from Regional Engineers and sent to this HQ.

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of the Underground Cables and Open Wire Systems in the country. It will be responsible for maintaining records and issuing the necessary orders to fault controls. Two Officers from CSO L of C II.LY will be attached to the Long Lines Department as Liaison Officers. These two Officers will be responsible for putting forward the military demands to the Long Lines Department and ensuring that such demands are met.

(b) Fault Controls

The control of the Fault Controls will be taken over by the Regional Engineers.

A military officer will be attached by CSOs Districts, SO PBS or RAO as the case may be to each Fault Control as Liaison Officer. He will be responsible for ensuring that the military demands are met and that records are kept up to date. He will assist the Regional Engineer in every way possible, reporting direct to CSO L of C II.LY, with copies to his Unit commander and to the appropriate CSO District, or SO PBS or RAO respectively, any matter which is not satisfactory and needs urgent attention.

(c) Military requirements

Demands for facilities for the military authorities will be made through CSO L of C II.LY to Military Liaison Officers working with the Long Lines Department, Ministry of Communications. The Military Liaison Officers will ensure that the demands are met.

(d) Time

Phase 3 will come into force at a date and time to be notified later.

10. Test Equipment

It is understood that the civil organisations are at present short of test equipment, telephones, etc. Such equipments will be handed over where necessary by CSOs Districts or SOs PBS or RAO respectively to the civil organisations on temporary loan. A frequent check of this equipment will be made.

11. Handing Over Certificates - Lines and Equipment

Handing over certificates will be obtained from Regional Engineers and a copy sent to this HQ.

12. Maintenance Spares

(a) O/H and U/G. Sufficient maintenance material for the O/H and U/G routes for two years has been handed over to the civil authority.

/To Page 4....

Page 4

12. Maintenance Stores (Contd)

(b) Plant. Until plant is sold to the civil authorities, maintenance stores will be supplied from military stocks. When the plant has been sold to the civil authority, maintenance parts will be the responsibility of the civil organisations. Maintenance parts for military equipment NOT being sold to the civil authority will be supplied from military stocks.

(c) General. Maintenance parts, tools, etc which are the responsibility of the civil authorities to supply, will be obtained by those authorities through civil channels. If, however, communications are liable to be affected by the shortage of maintenance parts, etc, Liaison Officers must report this immediately to this HQ. This will NOT however be construed as meaning that civil personnel will be relieved of the responsibility for obtaining the parts through the normal civil channels, in cases where report to this headquarters is considered necessary.

13. Requisitioning of Buildings

Where apparatus to be handed over to civil organisations is accommodated in buildings requisitioned through Allied military channels, arrangements will be made by the GSO, or SO concerned to ensure that re-requisitioning is coincidental with re-requisitioning by the civil authority through the appropriate civil channels.

14. Telegraph Facilities

This instruction does NOT apply to the military telegraph system. Maintenance and operation of this system will continue as at present and circuit changes will be effected through TCOs issued by this office.

15. ACKNOWLEDGE.

Field.
27 Nov 45.
FJDT : Jmc.

[Handwritten signature]

Brigadier,
Chief Signal Officer.
(Sigs - 27.11.45)

DISTRIBUTION:- See Page 5.

to the civil authorities. Maintenance parts for military equipment NOT being sold to the civil authority will be supplied from military stocks.

(c) General. Maintenance parts, tools, etc which are the responsibility of the civil authorities to supply, will be obtained by those authorities through civil channels. If, however, communications are liable to be affected by the shortage of maintenance parts, etc, Liaison Officers must report this immediately to this HQ. This will NOT however be construed as meaning that civil personnel will be relieved of the responsibility for obtaining the parts through the normal civil channels, in cases where report to this headquarters is considered necessary.

13. Requisitioning of Buildings

Where apparatus to be handed over to civil organisations is accommodated in buildings requisitioned through Allied military channels, arrangements will be made by the OSO, or SC concerned to ensure that de-requisitioning is coincidental with re-requisitioning by the civil authority through the appropriate civil channels.

14. Telegraph Facilities

This instruction does NOT apply to the military telegraph system. Maintenance and operation of this system will continue as at present and circuit changes will be effected through TCOs issued by this office.

15. ACKNOWLEDGE.

Field.
27 Nov 45.
FUDT : Jmc.

W. J. J. J.

Brigadier,
Chief Signal Officer,
(W. J. J. J.)

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Q18 250000

Figure 1. The effect of the concentration of the initiator on the polymerization of α -methylstyrene.

STANLEY B. BULFITT, PH.D.

Herzogenbusch, 2002

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COPY NO. 42

CSO L OF 3 ITALY SIGNAL INSTRUCTION NO. 20

PRIORITY RETURNED PROCEDURE15 Nov 45

1. Amend Appendix 'A' to CSO L of 3 ITALY Signal Instruction No. 20 dated 2 Oct 45 as follows:-

(A) Add:-

Designation	No. of Cots in Group	No. of Cots given priority
DAF HQ - ZELVEG AIRFIELD	2	1
DAF HQ - TREVISO AIRFIELD	3	1
ALABASTER - ITALIAN SEAPLANE BASE VEHICLE	1	1

(B) Amend:-

- (i) ADV DAF - TOENOTCH to read DAF HQ - TOENOTCH
(ii) ALABASTER - DAF CAMPO to read ALABASTER - DAF HQ
(iii) RAF KILGERRIE - DAF CAMPO to read KILGERRIE AIRFIELD -
DAF HQ

JCB : Jmc.

W. J. J. J.
Brigadier,
Chief Signal Officer.

DISTRIBUTION :- As for Signal Instruction No. 20.

Director	
U/Director	
Chief Telecons	
Chief Postal	
Chief Com. & C.	
Chief Postal	
Chief Ship	
Chief Clerk	

CROSS. REFS.	
FILE	B/Fwd
T35	

Date 26 NOV

4510

procedure as laid down in previous issues of this document has been considerably simplified.

INTENTION.

2. To establish a standard procedure for:
 - (a) Assessing a priority classification for a telephone or telegraph call.
 - (b) Consolidating all priority classifications into one set of schedules, which will be issued to Fault Control.
 - (c) Keeping the initial schedules up to date.

METHOD.

3. Circuits will be assessed as either priority or non-priority - WHERE WILL NOT BE SEPARATE LISTS OF PRIORITY AND NON-PRIORITY CIRCUITS. Speech circuits will be given a priority rating by this office as far as the common user network is concerned, and as agreed with the relative headquarters and formations as far as private wires are concerned. All VFR systems (including Italian civil), Auslinterphone, simplex telegraph, S plus D circuits and Fault Control communications, will automatically be treated on a priority restoration basis.

4. (a) A priority circuit will be regarded as one which is of such importance that it must be restored to service at the expense of a non-priority circuit, if for any reason it is likely to remain out of order for more than two hours.

(b) Where there are two or more circuits in a group, and it is decided that a part of the group must at all times be retained in service, no definite circuit will be given a priority classification, but it will be stated in the consolidated schedule of priority circuits (see Para 6 below) that so many circuits in the group are to be regarded as priority. No circuiting will take place until the number of circuits in use in that group falls below the number of circuits quoted as priority.

5. Individual channels of VFR systems will not be rerouted since each complete system is automatically given a priority classification.

6. (a) Appendix 'A' to this instruction gives a consolidated schedule of all priority speech circuits. VFR systems, Fault Control, S plus D, simplex telegraph and Fullorphone circuits are not shown since their classification is automatic. This Appendix has been included after co-ordination of the requirements of AFHQ and the Air Forces, with those of the I.C.C.

(b) CSO AFHQ and CSO Air Force Signals AFHQ Italy are asked to inform this Branch fortnightly of any amendments they wish made to Appendix 'A'.

(c) Consolidated amendments will be issued by this Branch to Appendix 'A' as frequently as conditions warrant, and at least once per month.

(d) Where a circuit is set up by TCO issued by this Branch, the priority classification (if any) will be allotted in the TCO. Where no priority is mentioned in the TCO, it will be assumed that the circuit is non-priority.

CROSS REFS.	FILE	REFD.
	735	

Date 26 NOV 1945

...../2.

- 2 -

7. (a) Circuit record cards maintained in Fault Controls will be clearly marked to indicate if a circuit is classified as priority. Cards for non-priority circuits will not be endorsed.

(b) The attention of Fault and Maintenance Controls is drawn to this Branch Signal Instruction No. 7 dated 21st January, 1945, subject 'Rerouting of Circuits'. Fault Controls will endeavour to reroute priority circuits by taking non-priority circuits on the same route or alternative direct routes between the same localities. Although not listed as priority, circuits in use by the Italian Civil authorities will not be taken for reroute purposes.

(c) When, however, it is impossible for reroutes to be carried out in accordance with sub-para (b) above, the senior Fault or Maintenance Control will decide on and control the reroutes to be adopted, and advise this Branch as soon as possible of the action taken.

8. All major breakdowns will be reported to this Branch by the quickest means.

TIME.

9. This instruction will be brought into use forthwith.

10. ACK.

Time of Signature... 15.10.45
JCB/GOBB

for/ Brigadier,
Chief Signal Officer,
(J.C. BRADY)

DISTRIBUTION

CSO AFHQ
CSO BTA
SIG O, USA
CSO 2 DISTRICT
CSO 3 DISTRICT
CSO 3 DISTRICT (EAST)
CSO 13 CORPS
CSO AIR MAN SIGS AFHQ PAF ITALY
SIG O, AIRSC/ATO
SIG O, PBS
SIG O, PBS (SOUTH)
SIG O, RAAC
WIRE OFFICER, 3141 SIG SVCE 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
OC 16 L OF C SIGNALS
OC 6 AIR MAN SIGNALS
OC 8 AIR MAN SIGNALS
NAPLES FAULT CONTROL
ROME FAULT CONTROL
TORINO FAULT CONTROL

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(c) When, however, it is impossible for reroutes to be carried in accordance with sub-para (b) above, the senior Fault or Maintenance Control will decide on and control the reroutes to be adopted, and advise this Branch as soon as possible of the action taken.

8. All major breakdowns will be reported to this Branch by the quickest means.

TIME.

9. This instruction will be brought into use forthwith.

10. ACK.

Time of Signature... 11.00.00.00

JOB/CORB

for/ Brigadier,
Chief Signal Officer,
(J.C. BRADY)

DISTRIBUTION

COPY NO(s)

CSO AFHQ	1
CSO BIA	2
SIG O, USA	3
CSO 2 DISTRICT	4
CSO 3 DISTRICT	5
CSO 3 DISTRICT (EAST)	6
CSO 13 CORPS	7
CSO AIR MAN SIGS AFHQ RAF ITALY	8
SIG O, AFSC/ATO	9
SIG O, PBS	10
SIG O, PBS (SOUTH)	11
SIG O, RAAC	12
WIRE OFFICER, 3111 SIG SVCE CP	13
OC 1 L OF C SIGNALS	14
OC 11 L OF C SIGNALS	15
OC 14 L OF C SIGNALS	16
OC 15 L OF C SIGNALS	17
OC 16 L OF C SIGNALS	18
OC 6 AIR FMN SIGNALS	19
OC 8 AIR FMN SIGNALS	20
NAPLES FAULT CONTROL	21
ROME FAULT CONTROL	22
FOGGIA FAULT CONTROL	23
BARI FAULT CONTROL	24
ANCONA FAULT CONTROL	25
FLORENCE FAULT CONTROL	26
BOLOGNA FAULT CONTROL	27
MILAN MAINTENANCE CONTROL	28
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APPENDIX 'A'
to Signal Instruction No. 20
dated 9 Oct 45.

<u>DESIGNATION</u>	<u>NO. OF COTS IN GROUP</u>	<u>NO. OF COTS GIVEN PRIORITY</u>	<u>REMARKS</u>
LCARRIT - ROME LD	1	1	
ADV DAF - TOPNOTCH	1	1	
ALABASTER - BLAZON	1	1	
ALABASTER - DAF (CAMPO)	1	1	
ALABASTER - CLAMATOR	1	1	
ALABASTER - IESI AIRFIELD	1	1	
ALABASTER - TOPNOTCH	1	1	
ALABASTER - TREVISO AIRFIELD	1	1	
ALABASTER - TROOPSHIP	1	1	
ALABASTER - VILL FRANCA AIRFIELD	1	1	
ALABASTER - 146 STAGING POST (MILAN)	1	1	
ASRU BRINDISI - TROOPSHIP	1	1	
BARI AIRFIELD - ORPHAN	1	1	
BARI AIRFIELD - TROOPSHIP	1	1	
BARI LD - FOGGIA LD	6	2	
BARI LD - FREEDOM	2	1	
BARI LD - NAPLES LD	5	2	
BARI LD - ROME LD	2	1	
BLACKSMITH - BOLOGNA LD)	5	2	
BLENNHEIM - BOLOGNA LD)			
BLACKSMITH - FREEDOM)	4	1	
BLENNHEIM - FREEDOM)			
BOLOGNA LD - ANCONA LD	4	1	
BOLOGNA LD - FLORENCE LD	6	2	
BOLOGNA LD - MESTRE LOC	4	1	
BOLOGNA LD - NAPLES LD	2	1	

4567

ALBASTER - GLADIATOR 1
 ALBASTER - IESI AIRFIELD 1
 ALBASTER - TOPNOCH 1
 ALBASTER - TREVISO AIRFIELD 1
 ALBASTER - TROOPSHIP 1
 ALBASTER - VILL. FRANCA AIRFIELD 1
 ALBASTER - 146 STAGING POST (MILAN) 1
 ASRU BRINDISI - TROOPSHIP 1
 BARI AIRFIELD - ORPHAN 1
 BARI AIRFIELD - TROOPSHIP 1
 BARI LD - FOGGIA LD 6
 BARI LD - FREEDOM 2
 BARI LD - NAPLES LD 5
 BARI LD - ROME LD 2
 BLACKSMITH - BOLOGNA LD)
 BLENHEIM - BOLOGNA LD) 5
 BLACKSMITH - FREEDOM)
 BLENHEIM - FREEDOM) 4
 BOLOGNA LD - ANCONA LD 4
 BOLOGNA LD - FLORENCE LD 6
 BOLOGNA LD - MESTRE LOC 4
 BOLOGNA LD - NAPLES LD 2
 BOLOGNA LD - PADUA LOC 3
 BOLOGNA LD - ROME LD 4
 BOLOGNA LD - SALZBURG 2
 BOLOGNA LD - UDINE LOC 3
 BTA - FREEDOM 3

4507

...../2.

- 2 -

DESIGNATION	NO. OF CCTS IN GROUP	NO. OF CCTS GIVEN PRIORITY	REMARKS
DAF (CAIRO) - RAF (KLAGENFURT)	1	1	
FLORENCE LD - LECHORN LD	4	1	
FLORENCE LD - NAPLES LD	2	1	
FLORENCE LD - ROME LD	5	2	
FOGGIA LD - NAPLES LD	2	1	
FREEDOM - NEWARK	2	1	
FREEDOM - ROME LD	6	1	
FREEDOM - ROUNDUP	2	1	
FREEDOM - SALZBURG	2	1	
FREEDOM - TROOPERS	1	1	
FREEDOM - VALUE	3	1	
FREEDOM - 13 CORPS	2	1	
FREEDOM - TRIESTE	2	1	
GLADIATOR - TOENOTCH	1	1	
LECHORN LD - ROME LD	3	1	
MESSE LOC - 13 CORPS	1	1	
NAPLES LD - ROME LD	2	2	
ORPHAN - TOENOTCH	1	1	
ORPHAN - TROOPSHIP	1	1	
TOENOTCH - TROOPSHIP	1	1	
VALATION - VALUE	3	1	

4506

Subject:- Verification of cables.

SECRET.

No 2 District, CWP.
2558 X.

48

Director,
Communications Sub Commission,
EC Allied Commission.

22 Mar 45.

see 14

Ref your T.58.17.CS of 21 Mar 45.

1. Copy of my letter 2693X dated 14 Feb 45 was sent to you under registered cover on that date.
2. My letter was enclosed on 14 Feb in registered packet R222 but as this was over 30 days ago, it is not possible to trace this from this end. It is possible with the above information you may be able to trace the missing letter, but in the meantime I enclose a further copy.

Will do

[Signature]
Colonel
Chief Signal Officer,
No. 2 District.

PAL.
Encl.

Subject: Communications - Wireless -
NV Italy.

SECRET

HQ 2 District GMP.
2693 X.

CSO,

14 Feb 45.

1 of C Italy (Main).

1. Further to my discussion with you on 9 Feb 45, I have now examined the question of a Wireless Net for AC traffic in NV Italy.
2. It is suggested that Col Henderson should be informed that if a three-to-one wireless net ROME (control) GENOA - MILAN - TURIN is established, such a net would be capable of handling 10,000 groups of AC traffic daily. This figure is based on the average capacity of the operators in my Wireless Sections, and the number of cipher personnel who could be spared to handle AC traffic.
3. It should be possible to increase this figure to 12,000 groups daily after one month's continuous operating, but I suggest that the lower figure is given to Col Henderson, as we should then be left some margin for AC traffic expansion as the build-up progresses.
4. Providing that this net is only used for really "live" traffic and that all other messages are handled by the District Trunk TIS services, which will be brought into being as speedily as possible, this net should be of substantial value to AC.
5. It seems likely to me, however, that this AC net would not be established to work to all three outstations simultaneously, unless they happen to fall together. Should it open first (say) as a one-to-one link ROME - GENOA, the benefits to AC would of course be very much greater in the early stages. Later, much traffic would probably pass between outstations the AC supply Port. GENOA, to MILAN and TURIN. I have appended a suggested phased diagram for the development of the net as Appendix "A".
6. It is confirmed that the 3 outstation Wireless Sets (SCR 199's) can be found from 14 of 3 Signals resources, and it is understood that you are providing the control station set.
7. The sets will have to be located on my wireless codes, and the traffic will be handled by my Area cipher offices. AC will therefore have to make the arrangements for collection and delivery of traffic.

Handwritten signature

2. It is suggested that Col Henderson should be authorized to set up a three-to-one wireless net ROME (Contr 1) GENOA - MILAN - TURIN is established, such a net would be capable of handling 10,000 groups of AC traffic daily. This figure is based on the average capacity of the operators in my Wireless Sections, and the number of cipher personnel who could be expected to handle AC traffic.

3. It should be possible to increase this figure to 12,000 groups daily after one month's continuous operating, but I suggest that the lower figure is given to Col Henderson, as we should then be left some margin for AC traffic expansion as the build-up progresses.

4. Providing that this net is only used for really "live" traffic and that all other messages are handled by the District Trunk VLS services, which will be brought into being as speedily as possible, this net should be of substantial value to AC.

5. It seems likely to me, however, that this AC net would not be established to work to all three outstations simultaneously, unless they happen to fall together. Should it open first (say) as a two-to-one link ROME - GENOA, the benefits to AC would of course be very much greater in the early stages. Later, much traffic would probably pass between outstations. The AC supply Port, GENOA, to MILAN and TURIN. I have appended a suggested phased diagram for the development of the net in Appendix "A".

6. It is confirmed that the 3 outstation Wireless Sets (SCR 199's) can be found from 14 I of C Signals resources, and it is understood that you are providing the control station set.

7. The sets will have to be located on my wireless wires, and the traffic will be handled by my Area cipher offices. AC will therefore have to make the arrangements for collection and delivery of traffic.

Director	Chief
D/Director	Chief Liaison
Chief Liaison	Chief Post
Chief Post	H Q Coms O
H Q Coms O	Asst. Chief Post
Asst. Chief Post	Censorship
Censorship	Chief Clerk

Colonel,
Chief Signal Officer,
No. 2 District,
Col Henderson,
Director Communications,
Sub Commission.

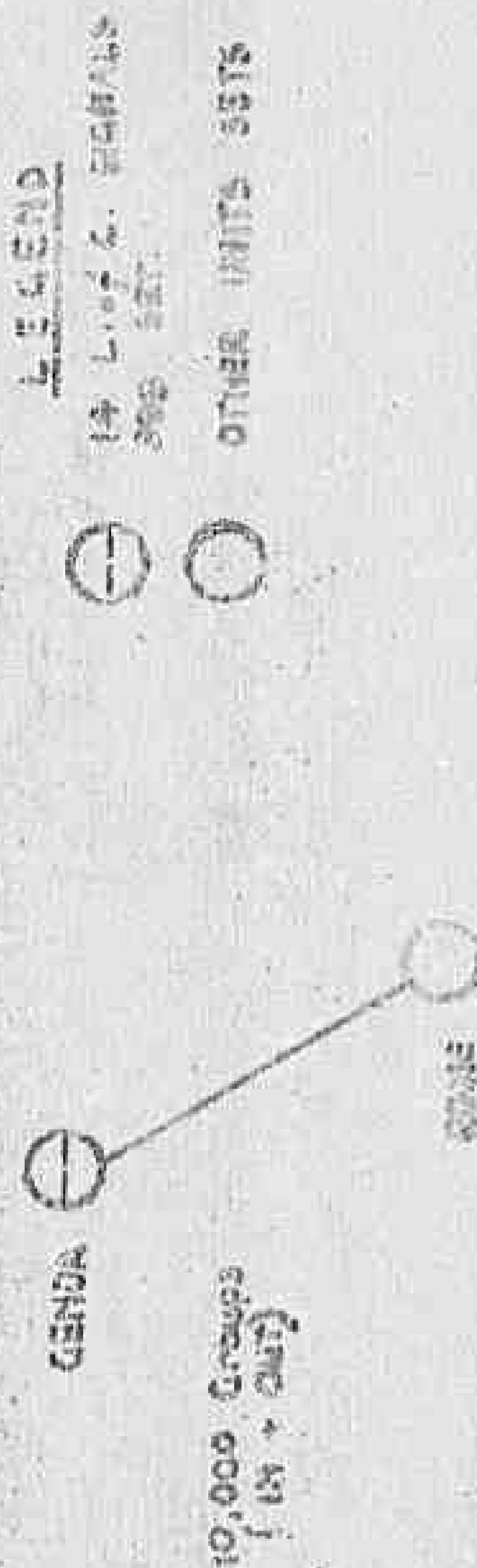
CROSS. REFS.	B/Fwd.
FILE	

Date 23 MAR 1945

APPENDIX "A"
PROJECTED A.C. WIRELESS LINKS. N.W. ITALY

PHASE I

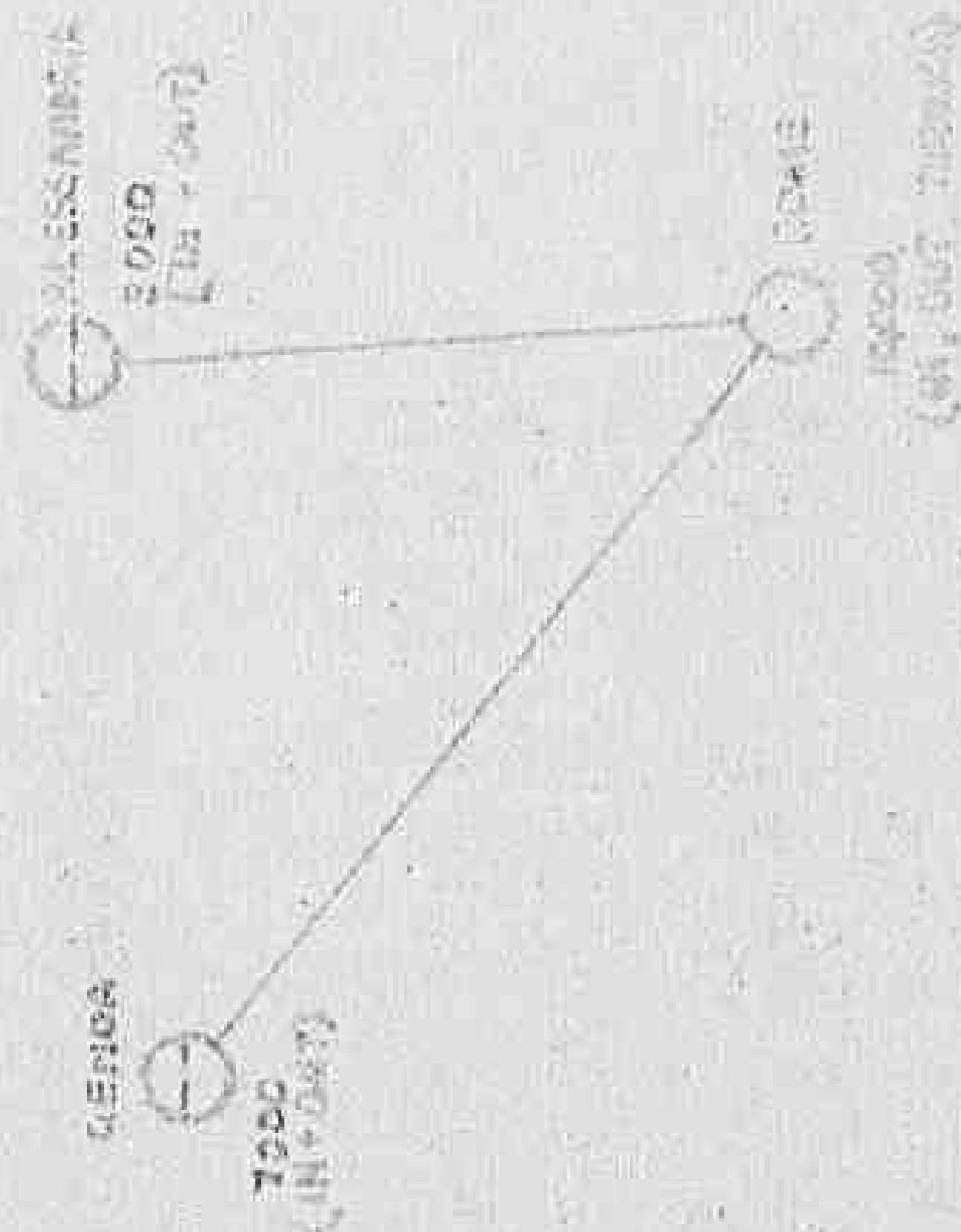
(a) Assuming Genoa falls first



LEGEND

- 14 LINES & SIGNALS SET
- OTHER WIRELESS SETS

(b) Assuming Genoa and Alexandria fall



PHASE II

Assuming Tunis falls before Milan



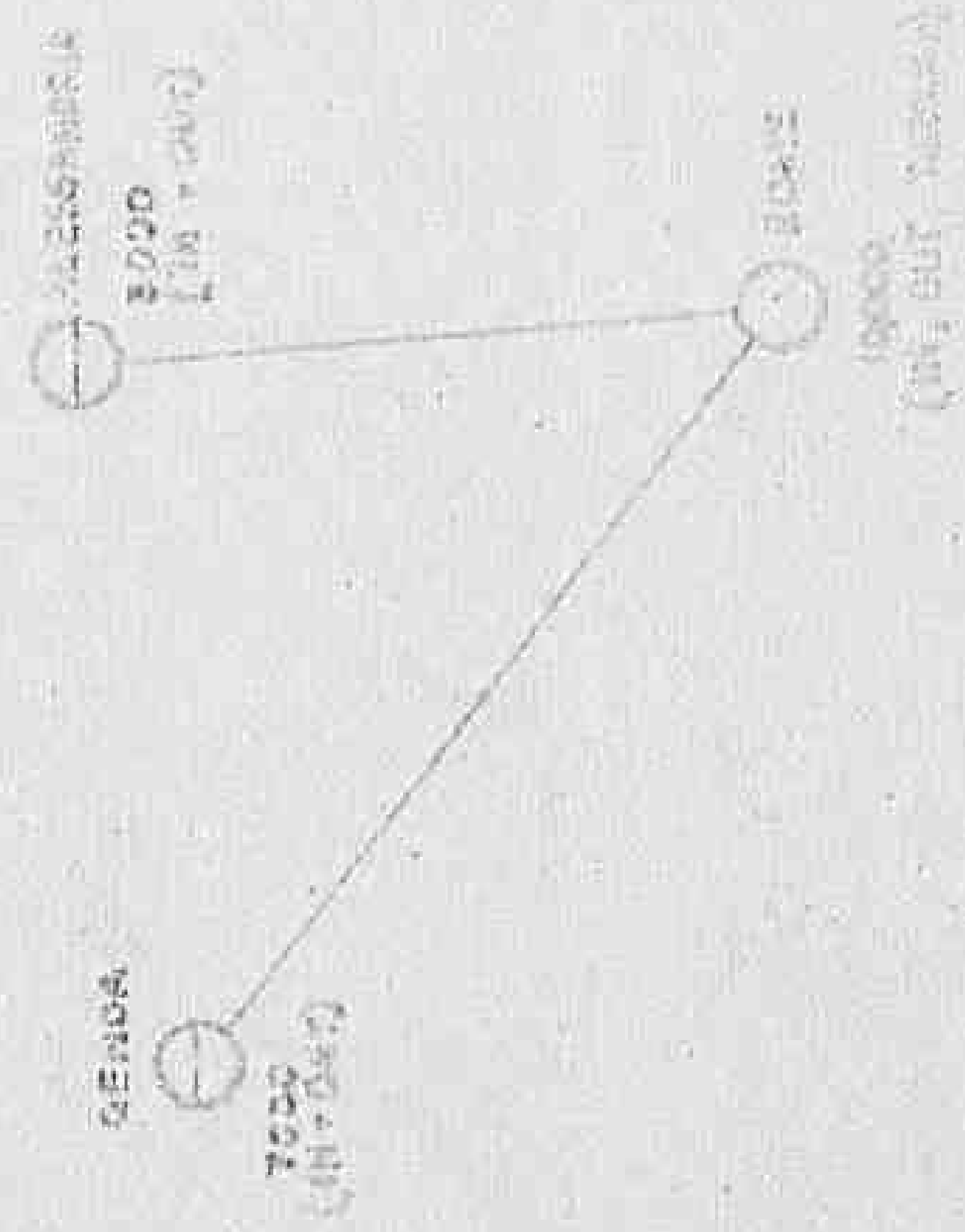
4503

POTENTIAL CONSIDERABLE

3000 SET
OTHER UNITS SETS

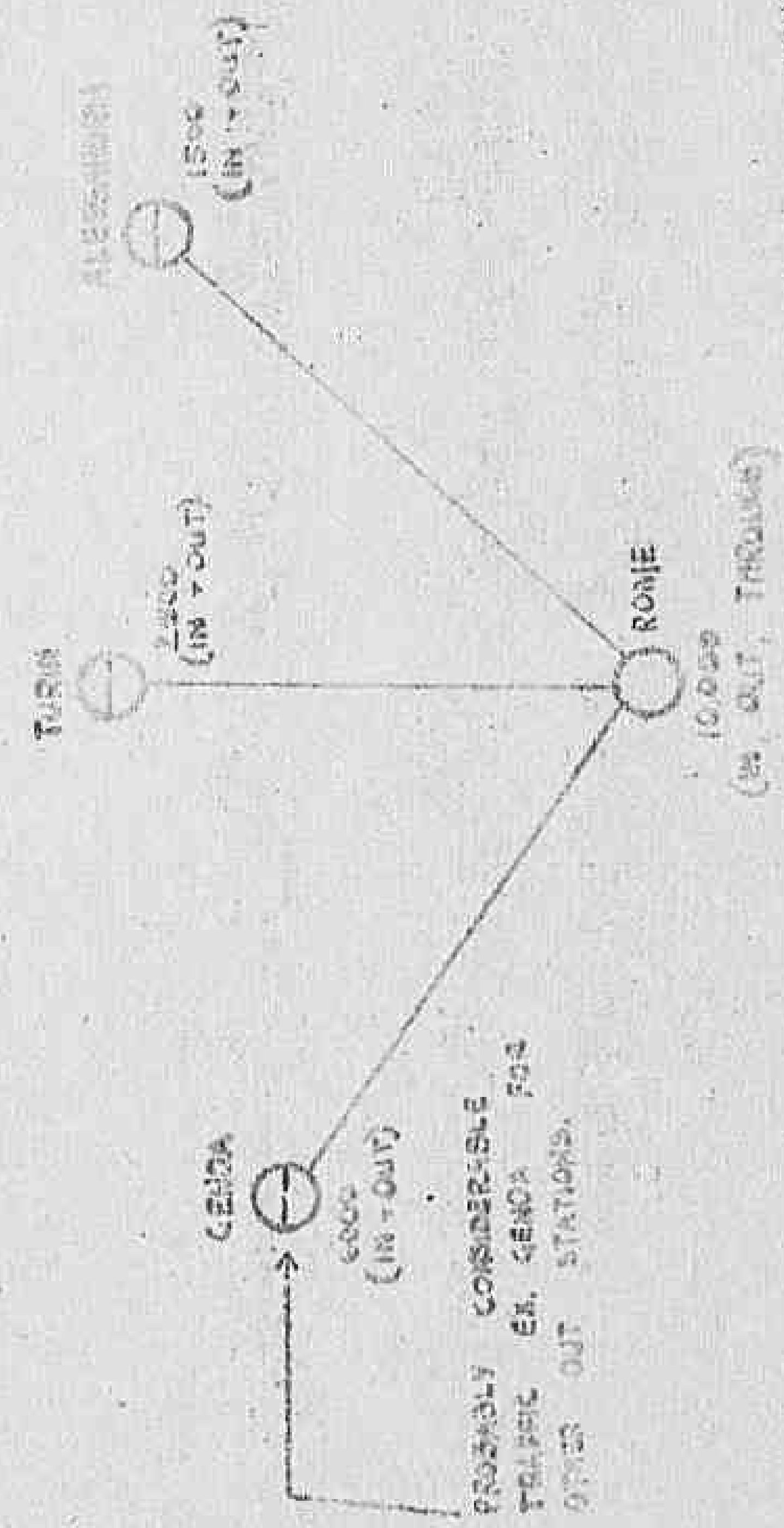
10,000 Cables
(IN + OUT)

(b) Assuming Genco and Alessandro Fall.



4503

PHASE II
Assumes Rome falls before Milan



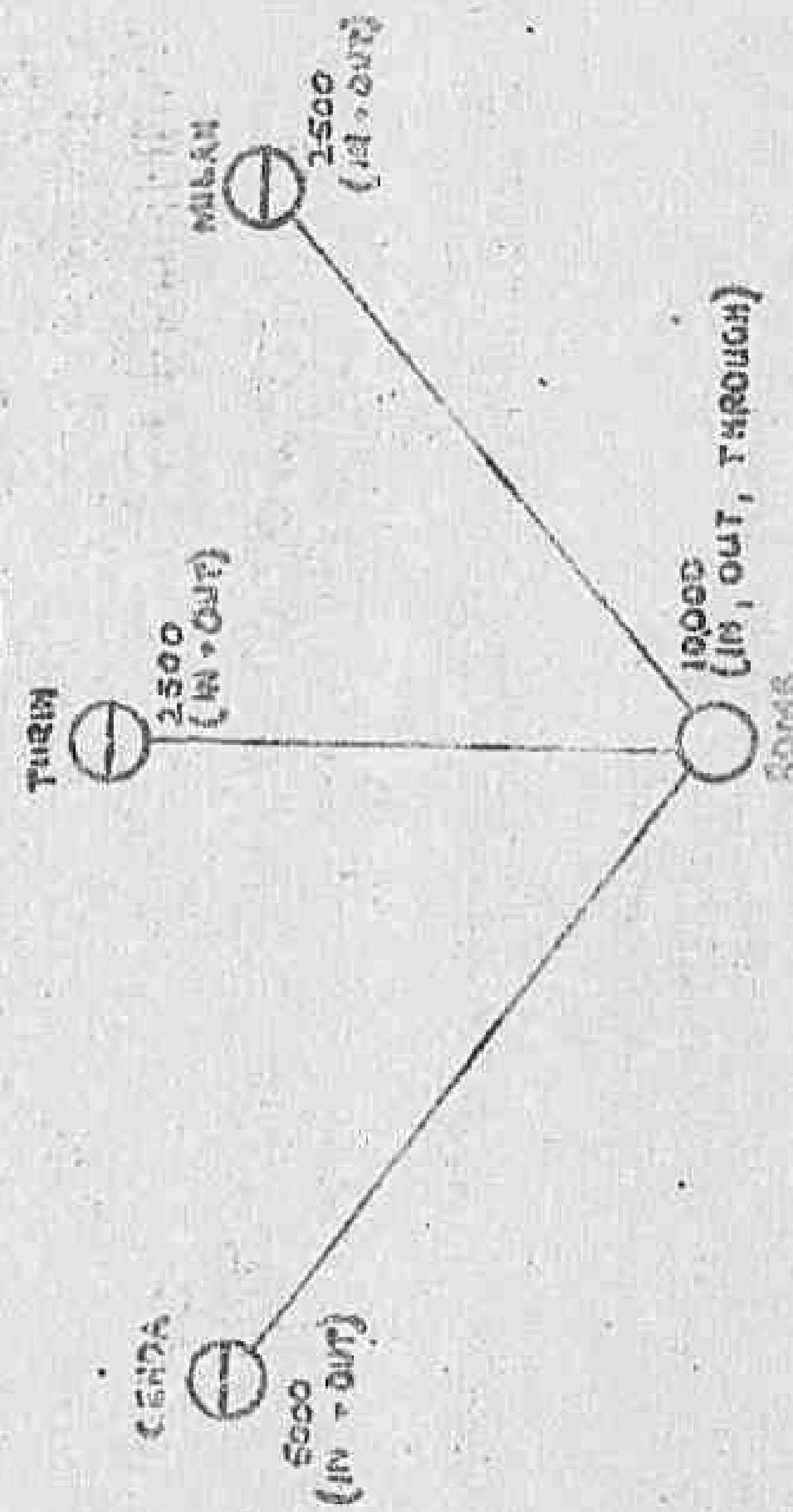
PROBABLY CONSIDERABLE
TRAFFIC EX. GENCO FOR
OTHER OUT STATIONS.

SECRET

SHEET 2

PHASE III

Assigning Genoa, Milan, Turin and Palermo



NOTE: THE OUTSTATION TRAFFIC FIGURES ARE PURELY NOMINAL, EXCEPT THAT IT IS ASSUMED THAT GENOA WILL BE THE MOST BUSY OUTSTATION, AND CIPHER PROVISION WILL BE MADE ACCORDINGLY.

4502

HEADQUARTERS ALLIED COMMISSION
APO 394
Communications Sub-Commission TJJ/rm

T.58.17.CS

21st March 1945.

SUBJECT: Verification Tables.

TO : Chief Signal Officer, No.2.District, C.M.F.

1. Reference CSO L of C Italy (Main) letter No. X/17 dated 18th March 1945 subject as above. This letter refers to your letter No.2693X dated 14th February 1945 which has not been received by this office.

2. May a copy please be forwarded.

J.L.HENDERSON,
Colonel,
Director.

4501

see 18

File

17-2

CONFIDENTIAL.SUBJECT :- VERIFICATION TABLES.X/17.

FROM : CSO L OF C ITALY (MAIN).

TO : DIRECTOR COMNS, SUB-COMMISSION, A.C.

COPY TO:- CSO 2 DISTRICT.

REFERENCE CSO 2 DISTRICT 2693X OF 14 FEB 45.

HEREWITH COPY OF THIS OFFICE X/17 OF 17 MAR 45,
WITH COPIES 401, 402 & 403 OF VERIFICATION TABLES FOR APRIL.

PLEASE ACKNOWLEDGE RECEIPT.

phen know

BRIGADIER,
CHIEF SIGNAL OFFICER.

18 MAR 45.
DLC/GCRB.

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

4504

CROSS. REFS.	
FILE	B/rwd.
T. 58	

Date 19 MAR 1945

CONFIDENTIAL.Subject :- VERIFICATION TABLES.CSO L OF C ITALY
(MAIN)X/17.
17 MAR 45.

	No. of Copies.	Copy Nos.
CSO MAIN HQ 15 ARMY GROUP	4	1-4
CSO 1 DISTRICT	68	5-72
CSO 2 DISTRICT	65	73-137
CSO 3 DISTRICT	240	138-377
OC 1 ARAD REPLACEMENT GP SIG TP	10	378-387
OC 15 HQ SIGNALS	3	388-390

For information :-

CSO AFHQ	1	391
SIGNAL OFFICER, FIFTH ARMY	4	392-395
CSO EIGHTH ARMY	4	396-399
FILE	1	400

1. Herewith Serials 16 to 20 of L. OF C. ITALY Verification Tables, which will be taken into use at 0001Z hrs 1 APR 45, and cover the period from then until 0001Z hrs 1 MAY 45.

2. When a new Table comes into use the old Table will be destroyed by fire.

3. Any compromise will be reported by immediate signal to this office.

4. These Tables will be used on all links within the L. of C., including A.A. Edes and also between H.Q. 15 Army Group and L. of C Units.

5. Please acknowledge receipt on Substitute A.F. A16 below.

DLC/GCRB

Brigadier,
Chief/Signal Officer.

Substitute A.F. A16.

TO : CSO L OF C ITALY (MAIN), (SD BRANCH),
o/o NAPLES SIGNAL OFFICE.

FROM : -----

Receipt is acknowledged of C.S.O. L. of C. ITALY X/17 dated

CSO 2 DISTRICT 68 18-137
 CSO 3 DISTRICT 240 138-377
 OC 1 ARMD REPLACEMENT CP SIG TP 10 378-367
 OC 15 HQ SIGNALS 3 386-390

For Information :-

CSO AFHQ	1	391
SIGNAL OFFICER, FIFTH ARMY	4	392-395
CSO EIGHTH ARMY	4	396-399
FILE	1	400

1. Herewith Serials 16 to 20 of L. OF C. ITALY Verification Tables, which will be taken into use at 0001Z hrs 1 APR 45, and cover the period from then until 0001Z hrs 1 MAY 45.
2. When a new Table comes into use the old Table will be destroyed by fire.
3. Any compromise will be reported by immediate signal to this office.
4. These Tables will be used on all links within the L. of C., including A.A. Bdes and also between H.Q. 15 Army Group and L. of C Units.
5. Please acknowledge receipt on Substitute A.F. A16 below.

DLC/GCRB

ALB - 6100 hwn
 Brigadier,
 Chief Signal Officer.

Substitute A.F. A16.

TO : CSO L OF C ITALY (MAIN), (SD BRANCH),
 c/o NAPLES SIGNAL OFFICE.

FROM :

Receipt is acknowledged of C.S.O. L. of C. ITALY X/17 dated 17 MAR 45, together with enclosures.

COPY NC(S).....

Signed.....

Date.....

CONFIDENTIAL
COPY NO. 401

L. OF C. ITALY VERIFICATION TABLE. SERIAL 16.
Effective 0001Z hrs 1 APR 45.

A 2	B 6	C 0	D 9	E 2	F 4	G 2	H 7	I 3	J 4	K 8	L 5	M 7	N 4	O 5	P 1	Q 4	R 3	S 3	T 4	U 2	V 7	W 8	X 5	Y 7	Z
A 4	B 1	C 9	D 8	E 7	F 3	G 4	H 5	I 8	J 7	K 2	L 0	M 4	N 0	O 1	P 2	Q 3	R 4	S 4	T 5	U 5	V 1	W 3	X 7	Y 3	Z
A 3	B 8	C 6	D 4	E 6	F 8	G 5	H 1	I 5	J 4	K 0	L 7	M 5	N 2	O 3	P 6	Q 8	R 1	S 7	T 3	U 0	V 8	W 7	X 1	Y 6	Z 2
P	E	W	D	P	J	K	A	C	Z	M	B	I	T	Q	R	G	H	L	S	N	X	M	U	R	O

CONFIDENTIAL
COPY NO.

L. OF C. ITALY VERIFICATION TABLE. SERIAL 17.
Effective 0001Z hrs 8 APR 45.

A 4	B 0	C 6	D 9	E 8	F 7	G 8	H 7	I 2	J 4	K 8	L 3	M 9	N 6	O 4	P 4	Q 7	R 5	S 2	T 1	U 0	V 1	W 5	X 8	Y 3	Z
A 5	B 9	C 4	D 6	E 1	F 6	G 2	H 3	I 6	J 4	K 4	L 3	M 0	N 2	O 7	P 1	Q 4	R 3	S 7	T 5	U 3	V 5	W 7	X 0	Y 9	Z 5
A 7	B 3	C 3	D 1	E 4	F 2	G 5	H 7	I 9	J 6	K 8	L 2	M 8	N 4	O 1	P 6	Q 2	R 4	S 6	T 8	U 0	V 3	W 2	X 4	Y 0	Z 1
Q	A	H	I	L	K	B	Z	N	M	G	D	R	E	F	W	J	Y	U	P	O	X	C	V	T	S

CONFIDENTIAL
COPY NO.

L. OF C. ITALY VERIFICATION TABLE. SERIAL 18.
Effective 0001Z hrs 15 APR 45.

A 2	B 3	C 4	D 3	E 6	F 5	G 4	H 0	I 9	J 8	K 7	L 2	M 3	N 7	O 8	P 7	Q 4	R 7	S 6	T 2	U 8	V 0	W 6	X 8	Y 4	Z 3
A 4	B 6	C 4	D 0	E 7	F 9	G 3	H 2	I 4	J 3	K 5	L 4	M 1	N 2	O 5	P 8	Q 7	R 1	S 2	T 5	U 2	V 6	W 5	X 6	Y 8	Z 7
A 8	B 3	C 7	D 8	E 5	F 0	G 1	H 9	I 2	J 3	K 2	L 6	M 3	N 5	O 4	P 1	Q 2	R 8	S 3	T 6	U 7	V 4	W 6	X 1	Y 0	Z 4
O	V	R	I	W	Y	Z	V	N	D	L	J	H	K	F	C	E	P	T	Q	X	M	B	G	A	S

CONFIDENTIAL
COPY NO.

L. OF C. ITALY VERIFICATION TABLE. SERIAL 19.
Effective 0001Z hrs 22 APR 45.

A 7	B 4	C 0	D 3	E 6	F 7	G 9	H 3	I 7	J 5	K 8	L 4	M 2	N 8	O 2	P 2	Q 2	R 1	S 8	T 3	U 8	V 0	W 4	X 2	Y 1	Z 0
A 6	B 1	C 2	D 4	E 3	F 6	G 1	H 6	I 8	J 7	K 6	L 0	M 3	N 6	O 7	P 8	Q 5	R 3	S 4	T 7	U 6	V 5	W 0	X 1	Y 4	Z 8
A 1	B 6	C 2	D 0	E 1	F 5	G 6	H 9	I 4	J 1	K 7	L 5	M 4	N 0	O 4	P 3	Q 5	R 7	S 5	T 8	U 2	V 4	W 7	X 3	Y 8	Z 2
V	O	B	E	V	Y	C	E	Z	R	X	W	Q	A	H	D	K	F	S	K	J	L	T	I	M	P

CONFIDENTIAL
COPY NO.

L. OF C. ITALY VERIFICATION TABLE. SERIAL 20.
Effective 0001Z hrs 29 APR 45.

A 3	B 0	C 4	D 2	E 5	F 4	G 2	H 6	I 0	J 9	K 4	L 3	M 1	N 2	O 1	P 0	Q 7	R 6	S 8	T 0	U 3	V 1	W 9	X 7	Y 5	Z 6
A 8	B 6	C 8	D 9	E 7	F 6	G 3	H 0	I 6	J 4	K 3	L 9	M 2	N 1	O 3	P 1	Q 6	R 4	S 7	T 0	U 1	V 6	W 2	X 8	Y 2	Z 7

COPY NO.....

L. OF C. ITALY VERIFICATION TABLE. SERIAL 18.
Effective 0001Z hrs 8 APR 45.

A 4	B 7	C 0	D 6	E 9	F 5	G 8	H 7	I 2	J 4	K 8	L 3	M 3	N 6	O 0	P 4	Q 3	R 5	S 2	T 1	U 0	V 1	W 5	X 8	Y 3	Z 3
A 5	B 8	C 9	D 4	E 6	F 1	G 2	H 3	I 5	J 6	K 4	L 3	M 0	N 2	O 7	P 1	Q 4	R 3	S 7	T 5	U 3	V 5	W 7	X 0	Y 9	Z 5
A 7	B 3	C 8	D 1	E 4	F 2	G 5	H 6	I 7	J 9	K 6	L 8	M 2	N 4	O 1	P 6	Q 2	R 4	S 6	T 8	U 0	V 3	W 9	X 4	Y 0	Z 1
Q	A 4	H 1	I 3	L 2	K 6	B 5	E 7	M 4	N 8	G 3	D 2	E 2	F 3	P 1	W 6	J 2	U 4	V 6	P 3	O 0	X 3	C 9	V 4	T 0	S 1

CONFIDENTIAL
COPY NO.....L. OF C. ITALY VERIFICATION TABLE. SERIAL 19.
Effective 0001Z hrs 18 APR 45.

A 2	B 3	C 4	D 3	E 6	F 5	G 4	H 0	I 9	J 8	K 7	L 2	M 3	N 7	O 8	P 7	Q 4	R 8	S 8	T 2	U 8	V 0	W 6	X 4	Y 3	Z 3
A 4	B 0	C 4	D 0	E 7	F 9	G 3	H 2	I 4	J 3	K 5	L 4	M 1	N 2	O 5	P 8	Q 7	R 1	S 2	T 5	U 2	V 6	W 5	X 6	Y 8	Z 7
A 6	B 9	C 7	D 8	E 5	F 0	G 1	H 3	I 2	J 0	K 2	L 6	M 3	N 5	O 4	P 1	Q 2	R 8	S 3	T 6	U 7	V 4	W 0	X 1	Y 0	Z 4
Q	A 0	V 1	R 8	I 5	W 4	Y 2	Z 3	M 0	D 1	L 5	J 4	H 3	K 7	X 6	A 2	E 3	P 3	T 8	Q 6	X 7	M 4	B 0	G 4	A 8	S 5

CONFIDENTIAL
COPY NO.....L. OF C. ITALY VERIFICATION TABLE. SERIAL 19.
Effective 0001Z hrs 22 APR 45.

A 7	B 4	C 0	D 3	E 6	F 7	G 9	H 5	I 7	J 5	K 8	L 4	M 2	N 4	O 8	P 2	Q 2	R 1	S 8	T 4	U 3	V 0	W 4	X 2	Y 1	Z 0
A 6	B 1	C 2	D 4	E 3	F 6	G 1	H 6	I 8	J 7	K 6	L 0	M 3	N 6	O 7	P 8	Q 5	R 3	S 4	T 7	U 8	V 5	W 0	X 1	Y 4	Z 6
A 1	B 6	C 2	D 0	E 1	F 5	G 6	H 9	I 4	J 1	K 7	L 5	M 4	N 0	O 4	P 3	Q 5	R 7	S 5	T 8	U 2	V 4	W 7	X 3	Y 8	Z 2
V	A 0	B 0	T 1	V 5	Y 2	C 6	E 9	Z 4	R 1	X 7	W 0	Q 4	A 6	H 3	D 4	K 3	F 5	S 8	K 6	J 2	L 4	T 7	I 1	M 2	P 2

CONFIDENTIAL
COPY NO.....L. OF C. ITALY VERIFICATION TABLE. SERIAL 20.
Effective 0001Z hrs 29 APR 45.

A 5	B 9	C 4	D 2	E 5	F 4	G 2	H 6	I 0	J 9	K 4	L 3	M 1	N 2	O 1	P 0	Q 7	R 6	S 8	T 0	U 3	V 1	W 9	X 7	Y 5	Z 6
A 8	B 6	C 8	D 9	E 7	F 6	G 3	H 0	I 6	J 4	K 3	L 9	M 2	N 1	O 3	P 1	Q 6	R 4	S 7	T 0	U 1	V 6	W 2	X 8	Y 2	Z 7
A 0	B 5	C 6	D 5	E 4	F 3	G 4	H 2	I 8	J 6	K 5	L 7	M 4	N 7	O 8	P 7	Q 3	R 9	S 4	T 7	U 0	V 8	W 3	X 9	Y 1	Z 0
B	A 0	C 2	A 4	M 1	L 3	T 4	U 2	P 8	Q 6	J 5	D 7	H 4	E 1	V 7	S 0	X 3	R 7	Y 4	I 1	O 0	W 8	S 0	E 9	F 1	N 0

2127

INCOMING MESSAGE

HEADQUARTERS ALLIED COMMISSION

Originator's Reference: H-9147 CITE: BMSIG
 Date/Time of Origin: DEC 09/1520

Message Centre No: *0/346/16*
 Date Time Rec'd: DEC 10/1030
 Precedence: PRIORITY

FROM: CG MBS SIGNED KOENIG
 TO: AFHQ, MTOUSA, AAI, 5 ARMY, PENBASE, SOUTHERN DISTRICT PBS, CONAD?
 DELTA BASE, NORBS, AAFSC/MTO, MAAF, CINC MED, 56 AREA, 3 DISTRICT ++
 ++ SOLOC, AGS, L OF C SOUTH ITALY, ADRIATIC BASE DEPOT, RAAC, AC
 ROME, NADIST, DETACHMENT A DETACHMENT B DETACHMENT CHARLIE MBS,

SECRET.

Transfer of CP of MBS from ORAN to CASABLANCA will be effective
 0001A hours 11 December. MBS REAR ORAN will open at same time.
 Radio call sign JDOA and teletype call sign LMAM will be moved with
 MBS CP to CASABLANCA. Teletype call sign LMRD assigned to MBS REAR.

ACTION

A.P. DST
Act: Communications (3)
Wp: Chief Commissioner

P.O.S. 4497
Info. No.

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

HEADQUARTERS
 10 DEC 1944
 A. C. C.

CROSS REFS.	
FILE	b. two

Date

SECRET

No. 1 UG Cable Company, R. Signals.

Cable Engineering Instruction No. 20.

State Main UG Cables - Northern Italy.
Reconstruction. Outline Plan (Provisional).

Copy No. _____

7th Nov 44.

INFORMATION.

1. A quantity of 13 and 28 quad cable is being made available, (at the present time it is not known if this cable is of D.M. or STAR formation).
2. A quantity of loading equipment (88-50) is being made available and further quantities (44-25 and 177-63) can be obtained from the recovery of equipment left spare during the reconstruction of the cables South of FIRENZE also from the repair of damaged equipment.

INTENTION.

3. To reconstruct the Main UG Cable Network in the North of Italy to a plan making full use of all available equipment and providing the maximum number of high grade circuits between main centres, the layout to be such that in conjunction with the cables already reconstructed, an economic and sound "circuit" routing scheme can be planned.

METHOD.

4. Cables will be repaired to provide the capacity as shown at Appendix 'A'.
5. Circuits will be provided as shown at Appendix 'B'.
6. Detail Engineering Instructions will be issued at a later date.

Field.

(G.A. KEITH).
Lt. Colonel, R. Signals.

Distribution.

C.S.O., H.Q., A.A.I.
C.S.O. L. of G. ITALY, Main HQ., A.A.I.
Transmission Officer.
Cable Officer.
War Diary (2)
File.

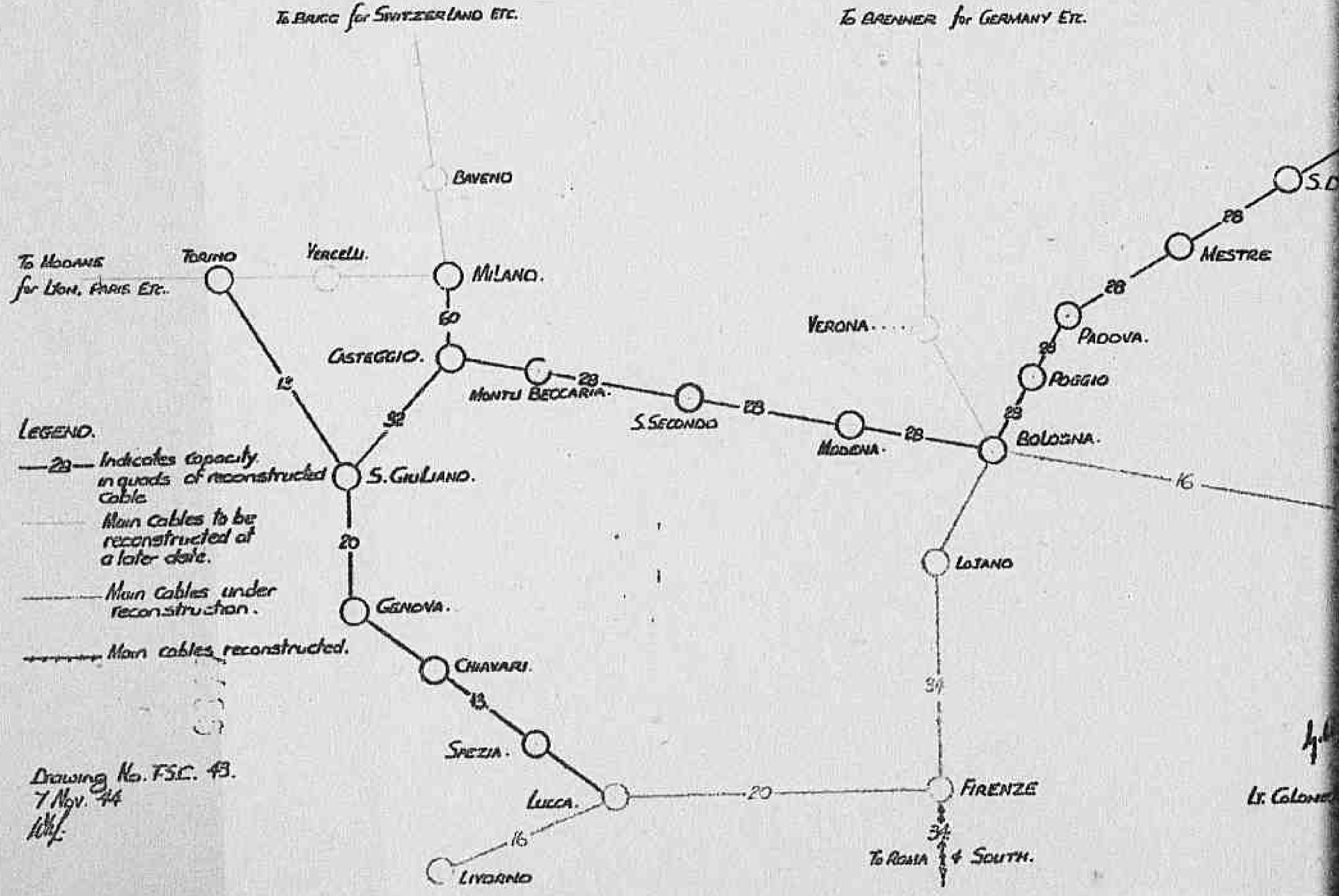
4496

CS/15/2.

ITALIAN STATE MAIN CABLES — NORTHERN ITALY

PROPOSED RECONSTRUCTION

APPENDIX "A"



Drawing No. FSC. 43.
7 Nov. 44
W.H.

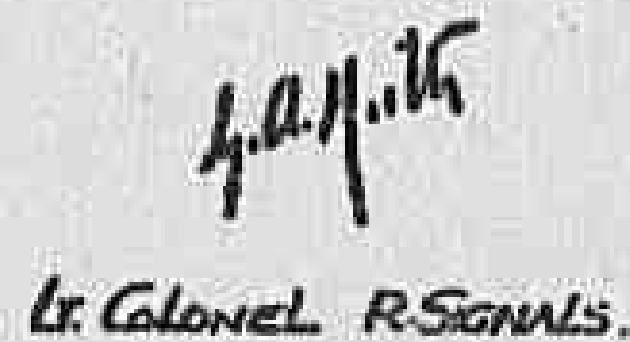
Lt. Colonel

PROPOSED RECONSTRUCTION

APPENDIX "A"

TO BRENNER for GERMANY ETC.

~~SECRET~~



Appendix 'B' to Cable Engineering Instruction 28.

State Main UG Cables, Northern Italy.
Proposed Reconstruction
Circuit Provision (Approximate)

4-wire circuits loaded H 11-25.
2-wire circuits loaded H 177-53.

NOTE. A = circuits if 13 and 28 quad cable from PES is LM formation.
B = circuits if 13 and 28 quad cable from PES is STAR formation.

Section.	A		B	
	4-wire	2-wire.	4-wire	2-wire.
FIRENZE - BOLOGNA	48	6		
BOLOGNA - CASTEGGIO	42	6	28	4
CASTEGGIO - MILANO	90	9		
CASTEGGIO - S. GIULIANO	48	6		
S. GIULIANO - TORINO	12	12	8	8
S. GIULIANO - GENOVA	30	2		
GENOVA - LUCCA	12	2		
	or	26		
LUCCA - LIVORNO		28		
LUCCA - FIRENZE	12	36		
BOLOGNA - ANCONA	14	4		
	or	32		
BOLOGNA - UDINE	30	6	20	4
UDINE - TRIESTE	~~48~~ 28	42	~~42~~	~~4~~
UDINE - TARVISIO	~~48~~ 30	46	~~42~~ 30	~~4~~ 4

Note : 2-wire circuits include a certain number of low grade partially loaded circuits suitable for inter-station trunks etc.

4494

CONFIDENTIALG.S.O. L. OF C. ITALY LINE ORDER NO. 87
-----H.Q. A.A.I.Tel : FILPOT 356X/21/3318 Aug 44

1. Speech circuit ROME Fault Control - FERENTINO Repeater Station working on State Cable Pair No. 46 ROME - FERENTINO is to be ceased and facilities thus made spare utilised to provide circuit as follows :-

H.Q. A.C.C. ROME (VAPOR) - FROSINONE PROVINCE.

2. Above circuit will be extended from FERENTINO Repeater Station to FROSINONE using portion of O/W circuit B.6 now spare between above mentioned places.

3. Director, Communications Sub Commission, H.Q. A.C.C. is requested to liaise direct with C.S.O. 3 District regarding termination at FROSINONE.

4. C.S.O. 3 District will arrange cross connection at FERENTINO Repeater Station.

5. ROME Fault Control will provide circuit ROME L.D. to VAPOR Exchange.

6. Above work is to be done forthwith.

*Phone Law said should be TETE Inter Urban but termination in
will put right *W. H. H.* Copy sent to Hq. H. H.*

J. R. Law. Carr

Brigadier,

C.S.O. L. of C., ITALY.

FRI/HIJ.

DISTRIBUTION :-

Director, Communications Sub Commission, A.C.C.
C.S.O. 3 District.
ROME Fault Control
O.C. No. 1 U/G Cable Coy.

DIRECTOR.	
DEPUTY DIRECTOR.	
CHIEF CLERK.	
Received 19/8/44	

4493

114

18 Aug 44

6. Above work is to be done forthwith.

4493

HTSE/epc
113

HEADQUARTERS
ALLIED CONTROL COMMISSION
APO 394
Telephone 489081 Ext. 555

16th August, 1944

In reply
refer to: CS/15/2/13

Subject : Prohibition of Use of Direct Current
Equipment in Loaded Cables.

To : Under-Secretary of State for Telecommunications
and Posts.

1. Kindly note that the use of DC telegraph or other DC equipment on loaded cables is hereby prohibited by order of C.S.C., L. of C. to all military and civil organisations in Italy.

2. The above order has been issued because of the small number of loading coils available in the theatre of operations, and on account of the serious effect on the characteristics of the coils along with the risk of burning them out.

J. L. KEMPSON
Colonel
Director, Communications Sub-Commission

Copy to: Major R. B. Trevelyan (B) Region I.
Major L. G. Hawker (B) Region IV.
Major Cummins (B) Region V.
Major R. H. Ayre (A) Region VIII.
Capt. J. A. Bridgman (A) Region III.

4492

Communications

10/12

Subject:- Prohibition of use of D.D. Equipment
on Loaded Cables.

Headquarters,
A.A.I.

X/21/21

13 Aug 44

1. The use of D.C. telegraph or other D.C. equipment on loaded cable circuits is prohibited.
2. The passage of D.C. current through loading coils has a serious effect on their characteristics and may burn the coils out.
3. The availability of loading equipment in the theatre is limited and it is imperative that misuse and consequent damage to this irreplaceable equipment be avoided.
4. Signal Officers in charge of allocation and connection of circuits throughout the L of C will be responsible that no D.C. equipment is connected to loaded cable circuits.

LE /RJ.

For Action :-

C. L. of C. SOUTH ITALY (4)
C. L. 1 District (5)
C. L. 2 District (5)
C. L. 3 District (5)
O. L. 2623 Sig Regt. (5)
C. L. No. 1 U/C Cable Coy. (5)
O. L. C. PCME Fault Control. (2)

For Information :-

C. S. O. A.F.H.C. (2)
C. S. C. A.A.I. (2)
C. A. F. S. C. M.A.A.F. (5)
Signal Officer, Fifth Army (2)
C. S. O. Eighth Army (2)
Signal Officer, P.B.S. (4)
Signal Officer, R.A.A.C. (5)
Director, Communications Sub Commission, A.C.C. (2)

4401

cable circuits is prohibited.

2. The passage of D.C. current through loading coils has a serious effect on their characteristics and may burn the coils out.
3. The availability of loading equipment in the theatre is limited and it is imperative that misuse and consequent damage to this irreplaceable equipment be avoided.
4. Signal Officers in charge of allocation and connection of circuits throughout the I of C will be responsible that no D.C. equipment is connected to loaded cable circuits.

LE. RTU.

For Action :-

- C. L. of C. SOUTH ITALY
 C. 1 District
 C. 2 District
 C. 3 District
 C. 2623 Sig Regt.
 C. No. 1 U/C Cable Coy.
 C. i/c ROME Fault Control.

For Information :-

- C.S.O. A.F.E.O.
 C.S.O. A.A.I.
 C.A.F.S.O. M.A.A.P.
 Signal Officer, Fifth Army
 C.S.O. Eighth Army
 Signal Officer, P.B.S.
 Signal Officer, R.A.A.C.
 Director, Communications Sub Commission, A.C.C. (2)

Lynwood B. Tucker
May 5/46
 C.S.O. L. of C. ITALY.
Gen. Brigadier,

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See Art 17
U.S. 7 S for P.T.
Phin.

1
 D. DIRECTOR.
 S. O. (1)
 C. O. (1)
 CENSORSHIP.
 CHIEF CLERK.
Received 13/8/46

CSO L OF C ITALY LINE ORDER NO. 86.

6799

Communications

CONFIDENTIAL

Headquarters

A.A.I.

X/21/53

12 AUG 44

1. On completion of construction of the ROME Ring Main between KILLO 10 HIGHWAY 6 and PORTA TUSCOLANA (Route No. R.3) pairs will be brought into service as detailed below :-

Circuit.	Present Routing.	To be Extended on.
Carrier System T.10	W1/5 + W2/5 + W3/5	R3/1 + R2/1
" " T.11	W1/6 + W2/6 + W3/6	R3/2 + R2/2
NAPLES Civil - ROME Civil No.1	W1/7 + W2/7 + W3/7	R3/3 + R2/3
" " " No.2	W1/8 + W2/8 + W3/8	R3/4 + R2/4
ROMENTANA Test - REALE Test	W1/7/8 + W2/7/8 + W3/7/8	R3/5/4 + R2/5/4

2. The engineering speaker circuit at present working on W1/4 + W2/4 + W3/4 will be extended from PORTA TUSCOLANA to ROMENTANA on cable pair to be allocated by ROME Fault Control.

3. Out-over will be controlled by O.i/c ROME Fault Control when notified that the Ring Main has been completed. Every effort will be made to ensure that interruption of service is kept to a minimum.

4. Line Maintenance.

Signal Officer P.B.S. is requested to extend line maintenance responsibility from PORTA TUSCOLANA to (incl.) KILLO 10 T.P. HIGHWAY 6.

5. Disposal of Equipment at PORTA TUSCOLANA.

As detailed in Work Order No.111 already issued.

FRT/RTJ.

Copy to
DISTRIBUTION :-

C.S.O. A.A.I.
C.S.O. L. OF C. SQM ITALY
Signal Officer, P.B.S.
C.S.O. 3 District
Director, Communications Sub Commission, A.C.C.
O.O. Br. Inherent Signals, P.A.A.O.
O.i/c ROME Fault Control (3)
O.i/c NAPLES Fault Control (2) (1 for REALE Test).

Brigadier,
C.S.O. L. of C., ITALY.

4499

$$T_{11} =$$

140.2

3. Out-over will be controlled by 0.1/c RCHM Fault Control when notified that the Ring Main has been completed. Every effort will be made to ensure that interruption of service is kept to a minimum.

Signal Officer P.B.S. is requested to extend line maintenance responsibility from POMEA TUSCOLANA to (excl.) KILLO 40 T.P. HIGHWAY 6.

As detailed in Work Order No. 111 already issued.

Copy to
DISTRIBUTION :-

0.9.0. I, OF O, SOURCE ITAIN

C.S.O. District

O.C. Dr. Increment Signals, R.A.A.O.

0.i/o MAPLES Fault Control (2) (1 for BEALE Test).

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DIRECTOR
D. DIRECTOR
S. O. L. A. M. M.
S. C. P.
C. E. S. O. M. A.
C. H. E. S. M. E. N. T.
Received 13/8/94

05/02.

Brigadier,
C.S.O. L. of C., ITALY.

4499

*Communications**6586*

CONFIDENTIAL

HQ A.A.I. (Main)

2720X29

August 1944

CSO AAI Line Instruction No 156

1. Region 8, AMG in Siena will be provided with a circuit to Vapor Advance, ACC in Rome.
2. UG Circuit Rome - Siena No 6 will be utilized to provide the circuit.
3. Major ^{Ayre} ~~Ayer~~ (ACC Siena) will provide the Siena tail.
4. CSO L of C Italy will provide the circuit from Rome Repeater Station to Vapor Advance and will make the necessary cross connections.

WBW/RL

*W. E. Wintkings**Wing X-4*Major General,
Chief Signal Officer.Distribution

CSO L of C Italy
Rome Fault Control
Rome Area Allied Command
No. 1 UG Cable Coy
ACC Siena
ACC Rome
15 HQ Signals (2)
X Branch AAI Adv (2)
War Diary (2)
Information File
File 2720X29



DIRECTOR	<i>Tr</i>
DIRECTOR	<i>89</i>
S. O. (T)	<i>Mr. [unclear]</i>
A. O. (P)	
CENSORSHIP	
CH. CLERK	
<i>Received 7/8/44</i>	

Communications

5533#

CONFIDENTIAL

Headquarters,

A.C.C.

3/24/52

12 Jul 44

C.S.O. L. OF C. ITALY
LINE ORDER NO. 81INFORMATION.

1. Headquarters A.C.C. and Italian Government close present location at SALERNO and re-open at ROME on 15 Jul 44.

INTENTION.

2. To establish line communication for H.Q. A.C.C. and Italian Government in new location.

METHOD.

3. (a) Line communication will be provided in two stages as below:-

Stage I : to be provided after closing of H.Q. A.C.C. NAPLES (VAPOR) on 12 Jul 44.

Stage II : to be provided after closing of Italian Government offices in SALERNO on 15 Jul 44.

- (b) Communications to be established for PHASES I and II are shown in Diagrams LC2 and LC3 attached, respectively.

4. PHASE I.

Detailed Toll Circuit Orders have already been issued covering circuit changes for this phase.

5. PHASE II.

Detailed below are circuit changes necessary for the extension of existing Government circuits from SALERNO to NAPLES:-

- (a) SALERNO - PALERMO (to be extended to NAPLES Civil).

NAPLES - SALERNO Engineering circuits at present working on pairs 332/532 will be transferred to pairs 336/536. Pairs 332/532 will then be used to extend above circuit to NAPLES Civil.

- (b) SALERNO - MESSINA (to be extended to NAPLES Civil).

Above circuit will be transferred from pairs 334/534 to pairs 329/529 over the Repeater Section: AGENA - SALERNO and extended SALERNO - NAPLES on same pair assignment.

- (c) SALERNO - REGGIO (to be extended to NAPLES Civil).

4488

SALERNO and to open at 2045 on 13 Jul 44.

INTENTION.

2. To establish line communication for H.Q. A.O.C. and Italian Government in new location.

METHOD.

3. (a) Line communication will be provided in two stages as below:-

Stage I : to be provided after closing of H.Q. A.O.C. NAPLES (VAPOR) on 12 Jul 44.

Stage II : to be provided after closing of Italian Government offices in SALERNO on 15 Jul 44.

(b) Communications to be established for PHASE I and II are shown in Diagrams LC2 and LC3 attached, respectively.

4. PHASE I.

Detailed Toll Circuit Orders have already been issued covering circuit changes for this phase.

5. PHASE II.

Detailed below are circuit changes necessary for the extension of existing Government circuits from SALERNO to NAPLES:-

(a) SALERNO - PALERMO (to be extended to NAPLES Civil).

NAPLES - SALERNO Engineering circuits at present working on pairs 332/532 will be transferred to pairs 336/536. Pairs 332/532 will then be used to extend above circuit to NAPLES Civil.

(b) SALERNO - MESSINA (to be extended to NAPLES Civil).

Above circuit will be transferred from pairs 334/534 to pairs 329/529 over the Repeater Section: ATENA - SALERNO and extended SALERNO - NAPLES on same pair assignment.

4488

(c) SALERNO - REGGIO (to be extended to NAPLES Civil).

To be extended SALERNO - NAPLES on pairs 322/522 (thru spare in PHASE I on closing of circuit VAPOR - ASC No.1.).

(d) SALERNO - TARANTO (to be extended to NAPLES Civil).

Circuit NAPLES ID - SALERNO Military No.4 working on pair 4 to be closed and facilities used for extension of above circuit to NAPLES Civil.

"2"

(e) SALERNO - CATANIA (to be extended to NAPLES Civil).

Circuit ZLOCHHOUSE - POWER at present working on pairs 333/533 to be transferred to phantom 321/521 : 322/522. Circuit SALERNO - CATANIA to be extended to NAPLES Civil on pairs 333/533 time made spare. Circuit NAPLES LD - SALERNO Military No. 8 at present working on PH 321/521 : 322/522 will be ceased.

(f) SALERNO - BARI (to be extended to NAPLES Civil).

Existing circuit SA - BA 8 working on cable pairs 314/514 SALERNO - BARI to be extended from SALERNO to NAPLES on pairs 311/511 to form circuit NAPLES Civil - BARI Civil No. 1.

(g) SALERNO - BARI (to be extended to NAPLES Civil).

Existing circuit SA - BA 2 working on cable pairs 316/516 SALERNO - BARI to be extended from SALERNO to NAPLES on pairs 316/516 to form circuit NAPLES Civil - BARI Civil No. 2.

(h) SALERNO - BARI (to be extended to NAPLES Civil).

Existing circuit SA - BA 7 working on cable pairs 309/509 SALERNO - BARI to be extended from SALERNO to NAPLES on phantom 333/533 : 334/534. Harmonica VPT equipment will be worked over this circuit as directed by the Director Communications Sub-Commission, H.Q. A.C.C.

(i) SALERNO - COSENZA (to be extended to NAPLES Civil).

Existing circuit working on pair 9 SALERNO - COSENZA to be extended from SALERNO to NAPLES on pair 9. Circuit NAPLES LD - CATANIA to be ceased.

(j) SALERNO - CATANZARO (to be extended to NAPLES Civil).

Circuit TORRADO - NAVY HOUSE SALERNO at present working on NAPLES - SALERNO pair 2 will be transferred to phantom 9/10. Existing common-user NAPLES - SALERNO at present established on PH 9/10 will be ceased. Existing circuit ITALIAN GOVT - CATANZARO working on SALERNO - CATANIA pair 2 will then be extended from SALERNO to NAPLES on pair 2 made spare above.

(k) SALERNO - POTENZA (to be extended to NAPLES Civil).

Existing circuit SA - POT 3 working on pair 8 will be extended from SALERNO to NAPLES on pair 8 to form circuit NAPLES Civil - POTENZA Civil. Pair 8 NA - SA is at present spare.

(l) The following circuits will remain terminated on SALERNO Civil exchange after move of Italian Government :-

- (i) SALERNO - CATANZARO working on 4-wire circuit 321/521.
- (ii) SALERNO - BARI working on BA - SA 9 pairs 312/512.

(m) The following circuits will be ceased after move of the Italian Government from SALERNO :-

- (i) T/T circuit CATANIA - NAPLES T/T SWD routed on Channel 3 system 6.
- (ii) Harmonica circuits working on cable pairs 327/527 (NAPLES - SALERNO).

Provided of necessary repeaters at SALERNO Repeater Station and

Existing circuit SA - BA 8 working on cable pairs 311/511 SALERNO - BARI to be extended from SALERNO to NAPLES on pairs 311/511 to form circuit NAPLES Civil - BARI Civil No.1.

(g) SALERNO - BARI (to be extended to NAPLES Civil).

Existing circuit SA - BA 2 working on cable pairs 316/516 SALERNO - BARI to be extended from SALERNO to NAPLES on pairs 316/516 to form circuit NAPLES Civil - BARI Civil No.2.

(h) SALERNO - BARI (to be extended to NAPLES Civil).

Existing circuit SA - BA 7 working on cable pairs 309/509 SALERNO - BARI to be extended from SALERNO to NAPLES on phantom 333/533 : 334/534. Harmonica VFT equipment will be worked over this circuit as directed by the Director Communications Sub-Commission, H.Q. A.C.C.

(1) SALERNO - Cosenza (to be extended to NAPLES Civil).

Existing circuit working on pair 9 SALERNO - Cosenza to be extended from SALERNO to NAPLES on pair 9. Circuit NAPLES ID - PATIMA to be ceased.

(j) SALERNO - CATANZARO (to be extended to NAPLES Civil).

Circuit TORRADO - NAVY HOUSE SALERNO at present working on NAPLES - SALERNO pair 2 will be transferred to phantom 9/10. Existing common-user NAPLES - SALERNO at present established on PH 9/10 will be ceased. Existing circuit ITALIAN GOVT - CATANZARO working on SALERNO - ATERA pair 2 will then be extended from SALERNO to NAPLES on pair 2 made spare above.

(k) SALERNO - POTENZA (to be extended to NAPLES Civil).

Existing circuit SA - POT 3 working on pair 8 will be extended from SALERNO to NAPLES on pair 8 to form circuit NAPLES Civil - POTENZA Civil. Pair 8 NA - SA is at present spare.

(l) The following circuits will remain terminated on SALERNO Civil exchange after move of Italian Government :-

- (i) SALERNO - CATANZARO working on 4-wire circuit 324/524.
- (ii) SALERNO - BARI working on BA - SA 9 pairs 312/512.

(m) The following circuits will be ceased after move of the Italian Government from SALERNO :-

- (i) T/T circuit PATIMA - NAPL T/T SWd routed on Channel 3 system 6.
- (ii) Harmonica circuits working on cable pairs 327/527 (NAPLES - SALERNO).

6. Provision of necessary repeaters at SALERNO Repeater Station and repeaters, terminating sets and ringing units at NAPLES ID will be co-ordinated by C.C. No.1 U/G Cable Coy in conjunction with NAPLES Fault Control and Repeater Station personnel concerned. Final disposition of equipments will be notified to this office by C.C. No.1 U/G Cable Coy.

N.B. All additional circuits terminated at NAPLES will employ 500/20 ringing units with the exception of the following circuits :-

- (i) NAPLES Civil - POTENZA Civil
- (ii) NAPLES Civil - Cosenza Civil

-3-

7. ATHQ Adv Signal Section is requested to issue necessary Toll Circuit Orders.
8. All changes will be controlled and co-ordinated by NAPLES Fault Control.
9. TIME : Circuit changes as detailed above will be completed as soon as possible after 0800 hrs 15 Jul 44.

DIST/ADV.

DISTRIBUTION :- C.S.O. Main H.Q. A.A.I. (2)
 C.S.O. 2 District. (2)
 C.S.O. 3 District. (2)
 CSO L of C ITALY SOUTH (2)
 ATHQ Adv Signal Section (2)
 Director, Comus Sub-Commission, HQ ACC Rear & Adv. (6)
 NAPLES Fault Control (2)
 ROME Fault Control (2)
 C.C. No. 1 U/G Cable Coy. (2)

72 New Court
C.S.O. L. of C., ITALY.

Q-3

22 New Lines
Brigadier
C.S.O. L. of C. ITALY

REC/ADM.

DISTRIBUTION :-

- C.S.O. Main H.Q. A.I.I. (2)
- C.S.O. 2 District. (2)
- C.S.O. 3 District. (2)
- C.S.O. L. of C. ITALY SOUTH (2)
- ATHQ Adv Signal Section (2)
- Director, Comis Sub-Commission, HQ AGO Rear & Adv. (6)
- NADES Fault Control (2)
- ROME Fault Control (2)
- C.C. No. 1 U/G Cable Coy. (2)

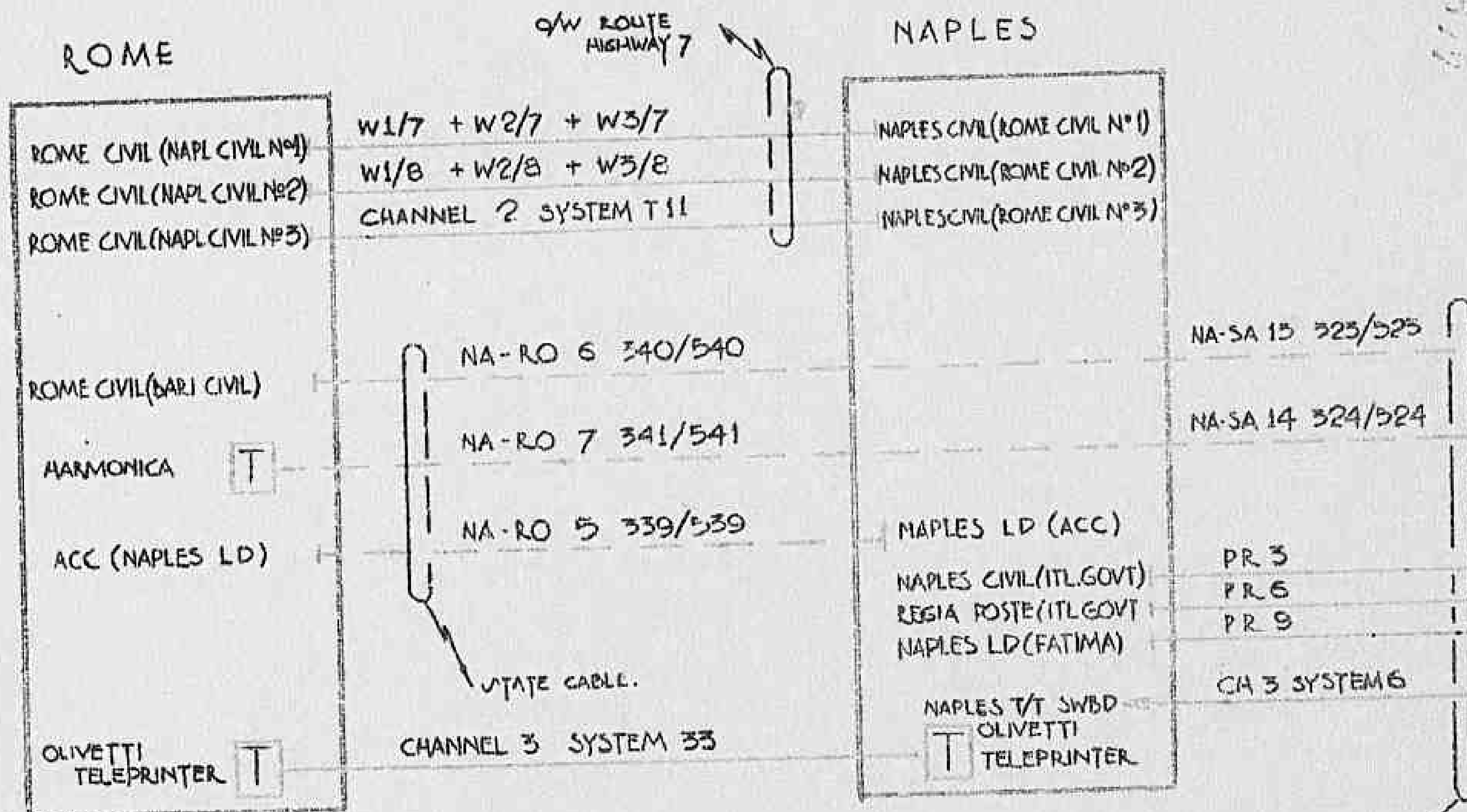
4486

PHASE I

LINE DIAGRAM LC 2

(CON)

LINE COMMN TO BE PROVIDED AFTER CLOSING OF HQ ACC NAPLES.

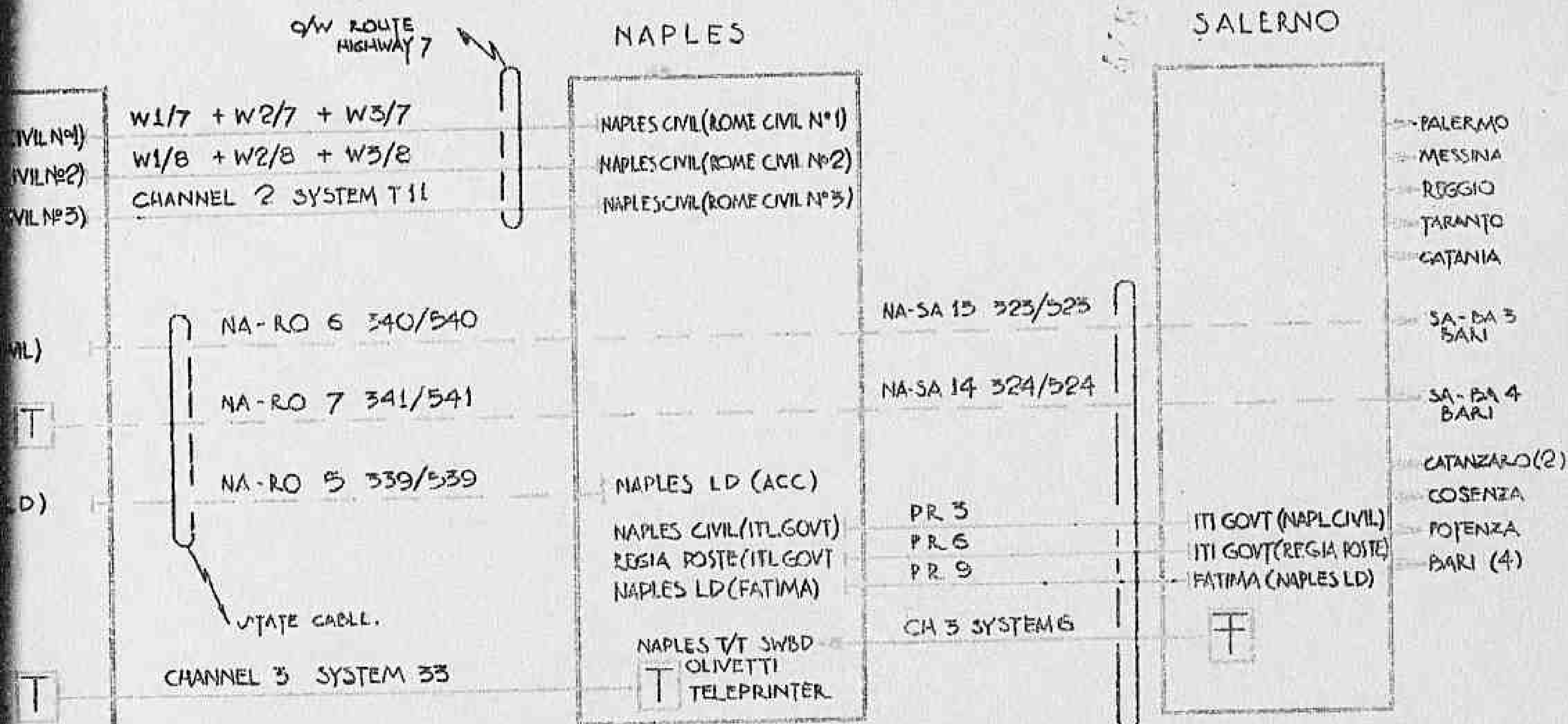


STATE CABLE

LINE DIAGRAM LC 2

CONFIDENTIAL

TO BE PROVIDED AFTER CLOSING OF HQ ACC NAPLES.



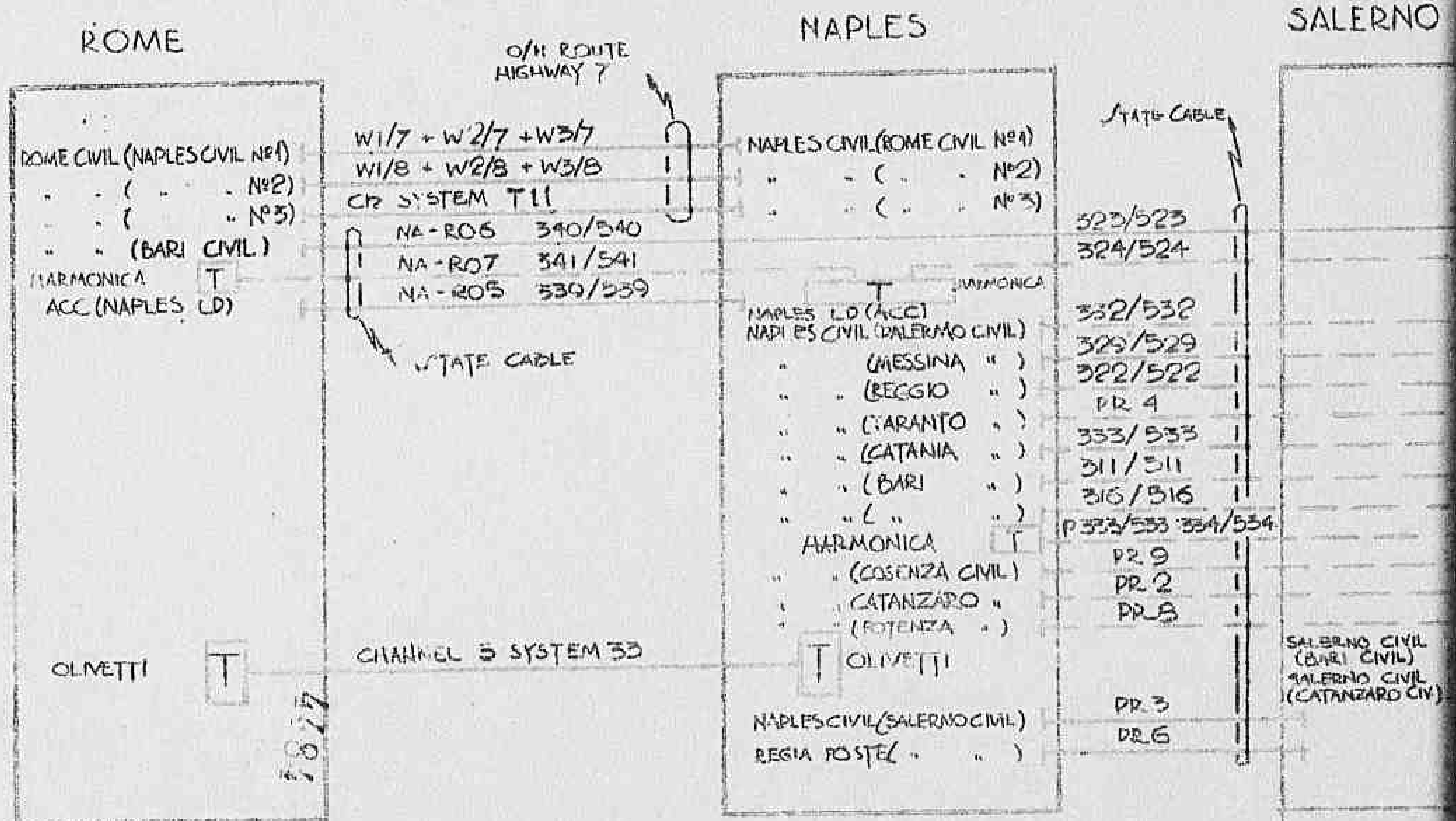
TING COMMUN
CIRCUITS TO BE PROVIDED

PREPARED BY	F.R. TEW - CAPT.
REVIEWED BY	R. J. CAPT.
DESIGNED BY	K. COUZINS - LIEPL
DATE	12 JULY. 44.
C-30 LFC ITALY	

PHASE IILINE DIAGRAM LC3

CONFID

• LINE COMMN TO BE PROVIDED AFTER MOVE OF ITALIAN GOVERNMENT TO ROME •



EXISTING COMMN

NEW CCGT TO BE PROVIDED.

2149

ASE II

LINE DIAGRAM LC 3

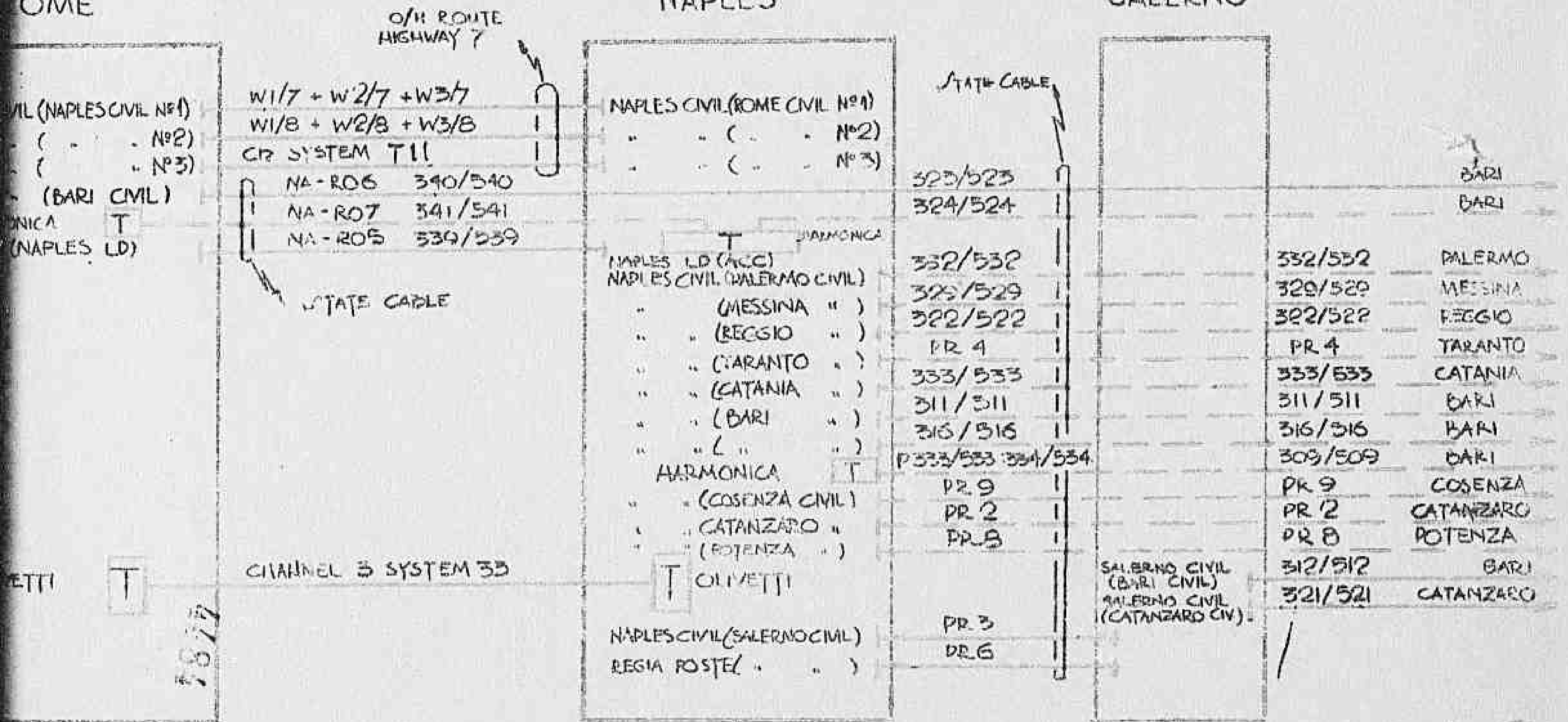
CONFIDENTIAL

COMMUN TO BE PROVIDED AFTER MOVE OF ITALIAN GOVERNMENT TO ROME.

ROME

NAPLES

SALERNO



FR. TEW CAPT.
YR. JEW CAPT
K. COUZINS. LCPL
12 JULY 44.
C-33-106 ITALY

JLH/epc
8REAR HEADQUARTERS
ALLIED CONTROL COMMISSION
APO 394

12 May, 1944. •

In reply
refer to: TS/15/2/7

Subject: C.S.O. M. of C. Italy Signal Instruction No. 22.

To : Allied Control Commission, Signals.
Att: Lt. Messina.

Note attached. Care will be taken to free circuits
through teletype exchanges immediately after clearance of
traffic.

J.L.HENDERSON
Colonel
Director, Communications Sub-Commission

Copy to:
Sigs. Message Center, Salerno.

4483

RESTRICTED

COPY NO. 10000

10 May 44

C.S.O. L. OF C. ITALY SIGNAL INSTRUCTION NO. 22.

INFORMATION.

1. Teletypewriter and teleprinter circuits now utilise more than one-third of the wire facilities in the L. of C. network, and usage is increasing to the extent that it has become desirable to determine the effectiveness with which these facilities are being employed.

INVENTION.

2. To provide for the monitoring of all telegraph circuits - with the exception of purely common-user facilities - terminating at or passing through NAPLES LONG DISTANCE. The observations thus obtained will be utilised :-
 - (a) To improve operating procedure.
 - (b) To reduce circuit holding time to a minimum.
 - (c) To detect violations of security.
 - (d) To obtain information for guidance in the allocation of future facilities or the re-allocation of existing facilities.

METHOD.

3. AFHQ Adv Signal Section has arranged for the necessary equipment to be installed at NAPLES L.D. to permit monitoring of both teletypewriter and telegraph circuits.
4. Circuits will be monitored at random as decided by AFHQ Adv Signal Section in conjunction with this office.
5. Reports on circuits monitored will be prepared by AFHQ Adv Signal Section and will include the following information :-
 - (a) Circuit monitored.
 - (b) Date and time of monitoring period.
 - (c) Total messages completed during monitoring period.
 - (d) Total number of Groups passed.
 - (e) Percentage of time circuit was engaged, i.e. $\frac{\text{TOTAL TIME CIRCUIT IN USE}}{\text{TOTAL MONITORING TIME}}$.
 - (f) Comments on procedure (to include any violations of security).
 - (g) Any other pertinent remarks or information.

Ref. item (f). Combined Teletypewriter (Teleprinter) Procedure - Short Title CCEP 4 will be used as the basis for all procedure reports.

4482

2. To provide for the monitoring of all telegraph circuits - with the exception of purely common-user facilities - terminating at or passing through NAPLES LONG DISTANCE. The observations thus obtained will be utilised :-

- (a) To improve operating procedure.
- (b) To reduce circuit holding time to a minimum.
- (c) To detect violations of security.
- (d) To obtain information for guidance in the allocation of future facilities or the re-allocation of existing facilities.

METHOD.

3. AFHQ Adv Signal Section has arranged for the necessary equipment to be installed at NAPLES L.D. to permit monitoring of both teletypewriter and telegraph circuits.
4. Circuits will be monitored at random as decided by AFHQ Adv Signal Section in conjunction with this office.
5. Reports on circuits monitored will be prepared by AFHQ Adv Signal Section and will include the following information :-
 - (a) Circuit monitored.
 - (b) Date and time of monitoring period.
 - (c) Total messages completed during monitoring period.
 - (d) Total number of Groups passed.
 - (e) Percentage of time circuit was engaged, i.e. $\frac{\text{TOTAL TIME CIRCUIT IN USE}}{\text{TOTAL MONITORING TIME}}$.
 - (f) Comments on procedure (to include any violations of security).
 - (g) Any other pertinent remarks or information.

Ref. item (f). Combined Teletypewriter (Teloprinter) Procedure - Short
Title COSP 4 will be used as the basis for all procedure reports.

4482

6. Copies of all monitoring reports will be distributed as under :-
 - (a) C.S.O. A.A.I.
 - (b) C.S.O. L. of C. ITALY
 - (c) Signal Officer controlling operating personnel of monitored connections.

Signal Officers concerned are particularly requested to ensure that corrective action is taken wherever necessary.

7. TIME /... Sheet "2" P.T.O.

C.S.O. L. OF C. ITALY SIGNAL INSTRUCTION NO. 22.

RESTRICTED

COPY NO.: 50

10 May 44

INFORMATION.

1. Teletypewriter and teleprinter circuits now utilise more than one-third of the wire facilities in the L. of C. network, and usage is increasing to the extent that it has become desirable to determine the effectiveness with which these facilities are being employed.

INTENTION.

2. To provide for the monitoring of all telegraph circuits - with the exception of purely common-user facilities - terminating at or passing through NAPLES LONG DISTANCE. The observations thus obtained will be utilised :-
- (a) To improve operating procedure.
 - (b) To reduce circuit holding time to a minimum.
 - (c) To detect violations of security.
 - (d) To obtain information for guidance in the allocation of future facilities or the re-allocation of existing facilities.

METHOD.

3. AFHQ Adv Signal Section has arranged for the necessary equipment to be installed at NAPLES L.D. to permit monitoring of both teletypewriter and telegraph circuits.
4. Circuits will be monitored at random as decided by AFHQ Adv Signal Section in conjunction with this office.
5. Reports on circuits monitored will be prepared by AFHQ Adv Signal Section and will include the following information :-
- (a) Circuit monitored.
 - (b) Date and time of monitoring period.
 - (c) Total messages completed during monitoring period.
 - (d) Total number of Groups passed.
 - (e) Percentage of time circuit was engaged, i.e. $\frac{\text{TOTAL TIME CIRCUIT IN USE}}{\text{TOTAL MONITORING TIME}}$.
 - (f) Comments on procedure (to include any violations of security).
 - (g) Any other pertinent remarks or information.

Ref. item (f). Combined Teletypewriter (Teleprinter) Procedure - Short Title CCBP 4 will be used as the basis for all procedure reports.

4482

2154
KAPLES LONG DISTANCE. The observations thus obtained will be utilised :-

- (a) To improve operating procedure.
- (b) To reduce circuit holding time to a minimum.
- (c) To detect violations of security.
- (d) To obtain information for guidance in the allocation of future facilities or the re-allocation of existing facilities.

METHOD.

3. AFHQ Adv Signal Section has arranged for the necessary equipment to be installed at KAPLES L.D. to permit monitoring of both teletypewriter and telegraph circuits.

4. Circuits will be monitored at random as decided by AFHQ Adv Signal Section in conjunction with this office.

5. Reports on circuits monitored will be prepared by AFHQ Adv Signal Section and will include the following information :-

- (a) Circuit monitored.
- (b) Date and time of monitoring period.
- (c) Total messages completed during monitoring period.
- (d) Total number of Groups passed.
- (e) Percentage of time circuit was engaged, i.e. $\frac{\text{TOTAL TIME CIRCUIT IN USE}}{\text{TOTAL MONITORING TIME}}$.
- (f) Comments on procedure (to include any violations of security).
- (g) Any other pertinent remarks or information.

4482

Ref. item (f). Combined Teletypewriter (Teletypewriter) Procedure - Short Title CCEP 4 will be used as the basis for all procedure reports.

6. Copies of all monitoring reports will be distributed as under :-
- (a) C.S.O. A.A.I.
 - (b) C.S.O. L. of C. ITALY
 - (c) Signal Officer controlling operating personnel of monitored connections.

Signal Officers concerned are particularly requested to ensure that corrective action is taken wherever necessary.

7. TIME /... Sheet "2" P.T.O.

7. TIME.

Effective at once.

8. TIME OF ISSUE HRS.9. ACKNOWLEDGE.

FRT/RTJ.

In the field.DISTRIBUTION:-

C.S.O. A.A.I.
 C.A.F.S.O. M.A.A.F.
 C.S.O. 1 District
 C.S.O. 2 District
 C.S.O. 3 District
 Signal Officer, P.B.S.
 Signal Officer, I.B.S.
 AFHQ Air Signal Section
 C.S.O. Air Formation Signals, M.A.T.A.F.
 Comm Officer, XV Air Force
 Comm Officer, XII Air Force
 Signal Officer, XV A.F.S.C.
 Signal Officer, XII A.F.S.C.
 Signal Officer, A.A.C.S.
 D.G.M.R.S.
 Director Communications Sub-Commission, A.C.C.
 O.C. 2623 Signal Regt. (Attn: Wire Officer)
 O.C. 16 L of C Signals
 O.C. 3 Rly Telegraph Coy.
 MAPLES L.D. Fault Control.
 War Diary
 File

Y R L...
 Colonel,
 C.S.O. L. of C., ITALY

COPI NOS.

1-3
 4-8
 9-11
 12-14
 15-17
 18-20
 21-22
 23-25
 26-28
 29-33
 34-38
 39-41
 42-44
 45-47
 48-49
 50-54
 55-56
 57-58
 59
 60-61
 62-63
 64

FRY/RTJ.

In the field.

DISTRIBUTION:-

C.S.O. A.A.I.
C.A.T.S.O. M.A.A.T.
C.S.O. 1 District
C.S.O. 2 District
C.S.O. 3 District
Signal Officer, P.B.S.
Signal Officer, I.B.S.
AFHQ Adv Signal Section
C.S.O. Air Formation Signals, M.A.T.A.T.
Comms Officer, XV Air Force
Comms Officer, XII Air Force
Signal Officer, XV A.F.S.O.
Signal Officer, XII A.F.S.O.
Signal Officer, A.A.C.S.
D.G.M.R.S.
Director Communications Sub-Commission, A.C.C.
O.C. 2623 Signal Regt. (Attn: Wire Officer)
O.C. 16 L of C Signals
O.C. 3 Rly Telegraph Coy.
MAFLES I.D. Fault Control.
War Diary
File

DIRECTOR.
DIRECTOR.
S.O.(1)
S.O.(2)
SECRETARY.
CLERK.

1-3
4-3
9-11
12-14
15-17
18-20
21-22
23-25
26-28
29-33
34-36
39-41
42-44
45-47
48-49
50-54
55-56
57-58
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60-61
62-63
64

Y R Young Capt
Colonel,
C.S.O. L. of C., ITALY

COPY NOS.



x/10.

26 April 44.

C.S.O. L OF C., ITALY SIGNAL INSTRUCTION NO. 21.
EQUIVALENT CLASSIFICATION AND COMBINED OPERATING
PROCEDURE FOR PRIORITY L.D. TELEPHONE CALLS.

1. The above mentioned Signal Instruction is hereby degraded from CONFIDENTIAL to RESTRICTED.
2. It is hoped that the classification of RESTRICTED will enable a wider distribution to be made of this Signal Instruction to lower headquarters and switchboard operators to guide them in placing L.D. Telephone calls.

Lyman B. Tucker

LYMAN B. TUCKER,
Major, Signal Corps.
for Colonel,
C.S.O. L of C., ITALY.

LBT/DSR
In the Field.

DISTRIBUTION:- As for Signal Instruction No. 21.

Director	
D. Director	
SO 1)	
SO 2)	
Comd in P L.O.	
Chf C. & S.	

Recd. 28.4.44.

TS/15/24481

HTW/TH

5

REAR HEADQUARTERS
ALLIED CONTROL COMMISSION
APO 394

In reply refer
to: RS/15/2/5

26th April 1944.

Subject: Operating procedure for priority I.D. calls.

To: Major Knauer, Main Hq, Allied Control Commission.
(Telecommunications & Posts.)

1. Attached are two copies (Nos. 93 and 94) of Chief Signal Officers' Instruction No. 21. Please supply the switchboard supervisor with one copy.
2. In addition it is necessary that officers of A.C.C. know the procedure, and perhaps therefore you would arrange with your A.G. for the issue of a confidential bulletin on the matter, in accordance with the C.S.O.'s instruction. No doubt your A.G. will make the necessary arrangements with the Adjutant here for simultaneous publication at Rear Hq.
3. Messages were dealt with in a previous bulletin.
(No. 66 of 10th April 1944 in the case of Rear Hq.)

J.L. Henderson,
Colonel,
Director, Communications Sub-Commission.

4480

X/10.

CONFIDENTIAL

COPY NO.

22 APR 1946

C.S.O. L. OF C. ITALY SIGNAL INSTRUCTION NO. 21.

 Equivalent classification and Combined Operating Procedure
 for Priority L.D. TELEPHONE CALLS.

INFORMATION.

1. Instances have arisen of confusion and resulting loss of time in setting up priority L.D. telephone calls between British and American switchboards in the L. of C. (communication zone) network due to differences in terminology and operating procedure.

INTENTION.

2. To define the equivalent BRITISH and AMERICAN priority classifications and to establish a combined operating procedure for such L.D. telephone calls.

METHOD.3. EQUIVALENT CLASSIFICATIONS.

<u>BRITISH</u>		<u>AMERICAN.</u>
CLEAR THE LINE or CLEAR THE LINE EMERGENCY AIR	Equivalent to	URGENT or OPERATIONAL PRIORITY
PRIORITY	Equivalent to	PRIORITY
ROUTINE	Equivalent to	ROUTINE

(a) CLEAR THE LINE or (CLEAR THE LINE EMERGENCY AIR) and URGENT or (OPERATIONAL PRIORITY) classification; reserved for only such calls as must be rushed through with a minimum delay.

(b) PRIORITY classification will be used only for such calls which cannot be classified as URGENT (CLEAR THE LINE) but which warrant precedence over ROUTINE calls in order to reach the addressee in time for effective action.

(c) All other calls will be considered as ROUTINE.

4. Classification will be made by the originator in accordance with the prevailing BRITISH or AMERICAN regulations.

(a) BRITISH regulations will apply to the classification of calls originated by BRITISH formations and AMERICAN regulations will apply to calls originated by AMERICAN military personnel.

"2"

5. OPERATING PROCEDURE.

The classification of a call is not the responsibility of the operator.

The operator will not question the classification designated by the originator, but will put the call through in accordance with the procedure outlined below for each classification :-

(a) CLEAR THE LINE, CLEAR THE LINE EMERGENCY AIR, URGENT and OPERATIONAL PRIORITY CALLS.

(i) Calls of the above classification will take precedence over all calls of lower classification and will be "rushed" through with a minimum of delay.

(ii) If a circuit is occupied by a priority or routine call and is required for a CLEAR THE LINE, CLEAR THE LINE EMERGENCY AIR, URGENT or OPERATIONAL PRIORITY call, then the priority or routine call will be broken down.

(iii) The operator at the originating L.D. (trunk) exchange will make a special record of each call with the above classification, recording :-

- + a. Name, rank and unit of originator.
- b. Exchange and extension from which originated.
- c. Exchange and extension (or party) demanded.
- d. Time of request.
- e. Time of connection to called extension.
- f. Duration of call.
- + Will be omitted when request is from a major headquarters switchboard having direct access to the L.D. exchange.

These reports will be submitted to the Officer in Charge of the L.D. exchange for transmission to the CSO or Signal Officer of the originator's formation.

(iv) After the request has been placed on the originating L.D. operator, further requests at switching points will be made operator to operator. Connections at intermediate switching points will not be questioned and, if necessary, priority or routine calls will be broken down as provided in para. 5 (a) (i).

(v) In putting through CLEAR THE LINE, CLEAR THE LINE EMERGENCY AIR, URGENT, OPERATIONAL PRIORITY and PRIORITY calls, each operator in turn will be responsible for remaining continuously in circuit until satisfied that the call has been taken up by the next operator or called party as the case may be. The operator at the originating exchange will control the call through to destination.

"3"

14-3

(vi) CLEAR THE LINE. CLEAR THE LINE EMERGENCY AIR, URGENT and OPERATIONAL PRIORITY calls are of equal importance and one will not take precedence over the other.

(b) PRIORITY CALLS.

(i) Take precedence over and will be established in advance of all routine calls.

(ii) All priority calls will be recorded as provided in para. 5 (a)(i) above.

(iii) Priority calls which cannot be completed on demand will be booked and completed in chronological order over the first available circuits in advance of any routine call.

(iv) Routine calls will not be broken down to establish priority calls except that when a Priority call is held waiting for a circuit occupied by a Routine call for more than five minutes, the operator will notify the talking parties that a Priority call is waiting and will break down the connection.

(c) ROUTINE CALLS.

(i) Will be established on demand when possible and, if not, will be recorded (booked) and connected in the order of recording.

6. TIME EFFECTIVE: At Once.

7. Time of Issue 1030 Hrs.

8. ACKNOWLEDGE

LEP/REJ.
In the field.

Lyman B. Tucker
LYMAN B. TUCKER,
Major, Signal Corps, .
for / Colonel,
C.S.O. L. of C., ITALY.

DISTRIBUTION: P.T.O. / Sheet "4"

4478

X/10.

- 4 MAR 1944

COPY NO.

3 Mar 44.

C.S.O. L OF C., ITALY, SIGNAL INSTRUCTION NO. 17.

L.D. Telephone Routing Information.INFORMATION.

1. The present system of operating a large part of the Long Distance Telephone facilities in the L of C (Communication Zone) ITALY on a common user basis, has resulted in the establishment of long distance exchanges through which calls must be passed to almost every unit and exchange located in ITALY.

2. The present method of obtaining routing information consists entirely of the long distance operating personnel at each center of communications finding out the information in the best way that they can. This method has resulted in the following disadvantages:-

- (a) Poor service due to the fact that routing information is not complete at any of the exchanges.
- (b) Valuable circuit time is lost in attempting to find out where various units are located, from a routing standpoint.
- (c) Valuable time is required by the operating personnel of each long distance exchange in compiling the information.
- (d) No control or overall check is made as to duplication of Telephone Code Names.

INTENTION.

3. To establish a standard procedure for the collection and dissemination of Telephone Routing information throughout the L of C. (Communications Zone).

METHOD

4. (a) ITALY is to be divided into definite areas from a communications standpoint, and a designated exchange within each area will be responsible for obtaining complete information as to exchanges, code names and routings of all units in operation within that particular area.

(b) The above information will be compiled for the area by the operating personnel of the designated exchange and transmitted by teletypewriter or teleprinter to Wire Division AFHQ Advanced Signal Section ~~6000~~ sign LAYY, as per detailed instructions laid down in para 5 below.

2. The present method of obtaining routing information consists entirely of the long distance operating personnel at each center of communications finding out the information in the best way that they can. This method has resulted in the following disadvantages:-

- (a) Poor service due to the fact that routing information is not complete at any of the exchanges.
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- (c) Valuable time is required by the operating personnel of each long distance exchange in compiling the information.
- (d) No control or overall check is made as to duplication of Telephone Code Names.

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METHOD

4. (a) ITALY is to be divided into definite areas from a communications standpoint, and a designated exchange within each area will be responsible for obtaining complete information as to exchanges, code names and routings of all units in operation within that particular area.

(b) The above information will be compiled for the area by the operating personnel of the designated exchange and transmitted by teletypewriter or teleprinter to Wire Division AFHQ Advanced Signal Section ~~6 para~~ sign LAMY, as per detailed instructions laid down in para 5 below.

(c) Wire Division AFHQ Advanced Signal Section will compile and correlate the information as received from each area exchange and, in accordance with para 5 below, will transmit by teletypewriter or teleprinter to all the designated area exchanges the complete routing information for all units and exchanges in operation within ITALY.

5. DIVISION OF AREAS T.C.

Received 5th March 44.

- 2 -

5. DIVISION OF AREAS.

Appendix "A" is a diagram, which outlines the communication boundaries which will apply to the various areas listed below:-

1. NAPLES Long Distance Area.
2. BARI Long Distance Area.
3. FOGGIA Long Distance Area.
4. 15th Air Force "UNIVIC" (By arrangement with Signal Officer 15th Air Force)
5. 5th Army Area "LIGHTNING" (By arrangement with Signal Officer 5th Army)

6. FORM AND FREQUENCY OF REPORTS.

The report as submitted by the operating personnel of each area exchange, will be in the forms:-

- (a) On the second and fourth Saturdays of each month a complete report of all of the units and exchanges operating within the particular area, consisting of the following, will be transmitted to Wire Division A.F.H.Q. Advanced Signal Section, call sign LAYV:-
 - (i) A list of each Code Name, or unit where Code Name is not used, in alphabetical or numerical order, in operation within the area.
 - (ii) Unit Designation.
 - (iii) Principal exchange or exchanges through which unit can be reached. (See Appendix 'B' for list of principal exchanges).
- (b) On Wednesday and Saturday of each week, with the exception of those Saturdays on which complete reports are forwarded, report of changes will be forwarded in the same form as the complete report, but showing only the changes from the previous report.

7. CLASSIFICATION.

All reports will be classified as CONFIDENTIAL.

8. MISCELLANEOUS.

The Fault Control Teletypewriter network will be used wherever possible for transmission and distribution of reports, and all reports will be addressed to LAYV A.F.H.Q. Wire Division. Any questions on procedure should be forwarded directly to the same address, or if by telephone to NAPLES 15714.

2163

5. 5th Army Area "LIGHTNING" (By arrangement with
Signal Officer 5th Army)

6. FORM AND FREQUENCY OF REPORTS.

The report as submitted by the operating personnel of each area exchange, will be in the forms:-

- (a) On the second and fourth Saturdays of each month a complete report of all of the units and exchanges operating within the particular area, consisting of the following, will be transmitted to Wire Division A.F.H.Q. Advanced Signal Section, call sign LAYV:-
- (i) A list of each Code Name, or unit where Code Name is not used, in alphabetical or numerical order, in operation within the area.
 - (ii) Unit Designation.
 - (iii) Principal exchange or exchanges through which unit can be reached. (See Appendix 'B' for list of principal exchanges).
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The Fault Control Teletypewriter network will be used wherever possible for transmission and distribution of reports, and all reports will be addressed to LAYV A.F.H.Q. Wire Division. Any questions on procedure should be forwarded directly to the same address, or if by telephone -- to NAPLES 15714.

9. The provisions of this Signal Instruction will take effect immediately.

10. ACKNOWLEDGE.

11. Time of Signature... 1830 A. ...hrs

LET/DSR

In the Field.

Signature P. J. Tucker
LYMAN D. TUCKER,
Maj Signal Corps.
for Colonel.
C.S.O. L of C. ITALY.
Distribution... sheet 3.

DISTRIBUTION:Action

	<u>Copy Nos.</u>
Signal Officer Fifth Army	1 - 4
C.A.F.S.O. M.A.A.F. (FOGGA LB)	5 - 10
C.S.O. 2 District	11 - 16
Signal Officer 15th Air Force	17 - 22
A.F.H.Q. Adv Signal Section	23 - 27
O.C. 2523 Signal Service Regt.	28 - 32

Information.

C.S.O. A.F.H.Q. (Attn. Wire Div)	33 - 36
C.S.O. A.C.M.F.	37 - 39
C.S.O. Eighth Army	40 - 41
Signal Officer P.B.S.	42 - 45
C.S.O. 3 District	46 - 49
Signal Officer XII Air Force	50 - 53
Signal Officer XII A.F.S.C.	54 - 57
Signal Officer XII A.S.C.	58 - 61/
(For C.A. DIST LD)	
C.S.O. A.C.C.	62 - 63
O.C. Sigs, FLAMEO	64 - 65
O.C. 3 Coy 11 L of C Signals	66 - 67
O.C. 2 Air Formation Signals.	68 - 69
(Combined Ops)	
War Diary	70 - 71
File	72

73-1

23-2

APPENDIX 'A'





13-3

Appendix "B" to CSO L of C
ITALY Signal Instruction
No 17 dated 2 Mar 44.

PRINCIPAL TELEPHONE EXCHANGES.

When listing code name or unit indicate which one
or more of the following exchanges, telephone calls
should be routed.

NAPLES L.D.
VALUT
FREEDOM
FILPOT
FLAMEO
LIGHTNING
LIGHTNING REAR
GEORGIA
GEORGIA REAR

GORDON
OZONE
NUTMEG
BARI L.D.
GRIFFIN
EIGHTH ARMY
BRINDISI L.D.
TARANTO L.D.

Seen: Col. H. Vu
Col. M. Wolfe

4473

X/10.

4 MAR 1944

COPY NO. 63

3 Mar 44.

C.S.O. L OF C., ITALY, SIGNAL INSTRUCTION NO. 17.

L.D. Telephone Routing Information.

INFORMATION.

1. The present system of operating a large part of the Long Distance Telephone facilities in the L of C (Communication Zone) ITALY on a common user basis, has resulted in the establishment of long distance exchanges through which calls must be passed to almost every unit and exchange located in ITALY.

2. The present method of obtaining routing information consists entirely of the long distance operating personnel at each center of communications finding out the information in the best way that they can. This method has resulted in the following disadvantages:-

- (a) Poor service due to the fact that routing information is not complete at any of the exchanges.
- (b) Valuable circuit time is lost in attempting to find out where various units are located, from a routing standpoint.
- (c) Valuable time is required by the operating personnel of each long distance exchange in compiling the information.
- (d) No control or overall check is made as to duplication of Telephone Code Names.

INTENTION.

3. To establish a standard procedure for the collection and dissemination of Telephone Routing information throughout the L of C. (Communications Zone).

METHOD

- 4. (a) ITALY is to be divided into definite areas from a communications standpoint, and a designated exchange within each area will be responsible for obtaining complete information as to exchanges, code names and routings of all units in operation within that particular area.

- (b) The above information will be compiled for the area by the operating personnel of the designated exchange and transmitted by teletypewriter or teleprinter to Wire Division AFHQ Advanced Signal Section, call sign

2171
establishment of long distance exchanges through which must be passed to almost every unit and exchange located in ITALY.

2. The present method of obtaining routing information consists entirely of the long distance operating personnel at each center of communications finding out the information in the best way that they can. This method has resulted in the following disadvantages:-

- (a) Poor service due to the fact that routing information is not complete at any of the exchanges.
- (b) Valuable circuit time is lost in attempting to find out where various units are located, from a routing standpoint.
- (c) Valuable time is required by the operating personnel of each long distance exchange in compiling the information.
- (d) No control or overall check is made as to duplication of Telephone Code Names.

INTENTION.

3. To establish a standard procedure for the collection and dissemination of Telephone Routing information throughout the L of C. (Communications Zone).

METHOD

4. (a)

ITALY is to be divided into definite areas from a communications standpoint, and a designated exchange within each area will be responsible for obtaining complete information as to exchanges, code names and routings of all units in operation within that particular area.

- (b) The above information will be compiled for the area by the operating personnel of the designated exchange and transmitted by teletypewriter or teleprinter to Wire Division AFHQ Advanced Signal Section, call sign LAVY, as per detailed instructions laid down in para 5 below.

- (c) Wire Division AFHQ Advanced Signal Section will compile and correlate the information as received from each area exchange and, in accordance with para 5 below, will transmit by teletypewriter or teleprinter to all the designated area exchanges the complete routing information for all units and exchanges in operation within ITALY.

5. DIVISION OF AREAS.....T.O.

2172

2

5. DIVISION OF AREAS.

Appendix "2" is a diagram, which outlines the communication boundaries which will apply to the various areas listed below:--

1. NAPLES Long Distance Area.
2. BARI Long Distance Area.
3. FOGGIA Long Distance Area.
4. 15th Air Force "NUVIMIG" (By arrangement with Signal Officer 15th Air Force)
5. 5th Army Area "LIGHTNING" (By arrangement with Signal Officer 5th Army)

6. FORM AND FREQUENCY OF REPORTS.

The report as submitted by the operating personnel of each area exchange, will be in two forms:--

- (a) On the second and fourth Saturdays of each month a complete report of all of the units and exchanges operating within the particular area, consisting of the following, will be transmitted to Wire Division A.F.H.Q. Advanced Signal Section, call sign LAYV:--
 - (i) A list of each Code Name, or unit where Code Name is not used, in alphabetical or numerical order, in operation within the area.
 - (ii) Unit Designation.
 - (iii) Principal exchange or exchanges through which unit can be reached. (See Appendix "B" for list of principal exchanges).
- (b) On Wednesday and Saturday of each week, with the exception of those Saturdays on which complete reports are forwarded, report of changes will be forwarded in the same form as the complete report, but showing only the changes from the previous report.

7. CLASSIFICATION.

All reports will be classified as CONFIDENTIAL.

8. MISCELLANEOUS.

The Fault Control Teletypewriter network will be used wherever possible for transmission and distribution of reports, and all reports will be addressed to LAYV A.F.H.Q. Wire Division. Any questions on procedure should be forwarded directly to the

3. FOGGIA Long Distance Area.
4. 15th Air Force "NUTMEG" (By arrangement with Signal Officer 15th Air Force)
5. 5th Army Area "LIGHTNING" (By arrangement with Signal Officer 5th Army)

6. FORM AND FREQUENCY OF REPORTS.

The report as submitted by the operating personnel of each area exchange, will be in two forms:-

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 - (ii) Unit Designation.
 - (iii) Principal exchange or exchanges through which unit can be reached. (See Appendix 'B' for list of principal exchanges).
- (b) On Wednesday and Saturday of each week, with the exception of those Saturdays on which complete reports are forwarded, report of changes will be forwarded in the same form as the complete report, but showing only the changes from the previous report.

7. CLASSIFICATION.

All reports will be classified as CONFIDENTIAL.

8. MISCELLANEOUS.

The Fault Control Teletypewriter network will be used whenever possible for transmission and distribution of reports, and all reports will be addressed to LAYV A.F.H.Q. Wire Division. Any questions on procedure should be forwarded directly to the same address, or if by telephone - to NAPLES 15714.

9. The provisions of this Signal Instruction will take effect immediately.

10. ACKNOWLEDGE.

11. Time of Signature... 1830A... hrs

LBT/DSR
In the Field.

LYMAN E. TUCKER,
Maj Signal Corps.
for Colonel.
C.S.O. L of C. ITALY.
Distribution... sheet 3.

- 3 -

DISTRIBUTION:

<u>Action</u>	<u>Copy Nos.</u>
Signal Officer Fifth Army	1 -- 4
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Signal Officer 15th Air Force	17 -- 22
A.F.H.Q. Adv Signal Section	23 -- 27
O.C. 2023 Signal Service Regt.	28 -- 32

Information.

C.S.O. A.F.H.Q. (Attn. Wire Div)	33 -- 36
C.S.O. A.C.M.F.	37 -- 39
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O.C. Sigs, FLAMBO	64 -- 65
O.C. 3 Coy 11 L of C Signals	66 -- 67
O.C. 2 Air Formation Signals.	68 -- 69
(Combined Ops)	
War Diary	70 -- 71
File	72

TO :-- C.S.O. L of C Italy.

In lieu of A.F.A.1

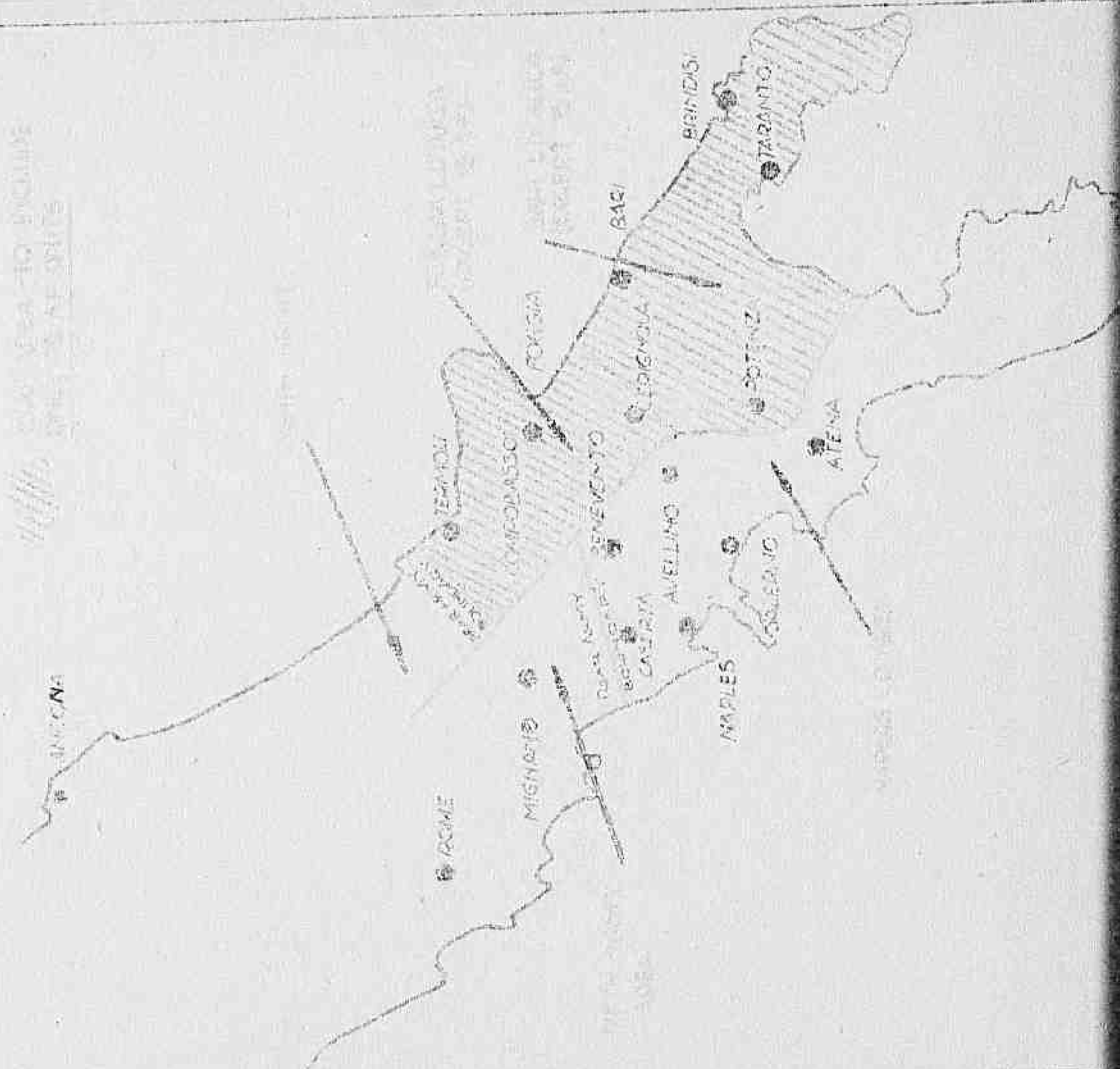
FROM :--

Receipt is acknowledged of C.S.O. L of C., ITALY
Signal Instruction No. 17 dated 2 Mar 44.

Copy/Copies No./Nos. _____

Dated _____Signed _____Appt. _____

APPENDIX A



2170



13-7

Appendix "B" to CSO L of C
ITALY Signal Instruction
No 17 dated 2 Mar 44.

PRINCIPAL TELEPHONE EXCHANGES.

When listing code name or unit indicate which one
or more of the following exchanges, telephone calls
should be routed.

NAPLES L.D.
VALUE
FREEDOM
FILPOT
FLAMBO
LIGHTNING
LIGHTNING REAR
GEORGIA
GEORGIA REAR

GORDON
OZONE
NUTMEG
BARI L.D.
GRIFFIN
EIGHTH ARMY
BRINDISI L.D.
TARANTO L.D.

4469

X/10

SECRET

COPY NO. 19

19 Dec 43

C.S.O. L. OF C., ITALY SIGNAL INSTRUCTION NO. 8.

INFORMATION.

1. Restoration of the State U/C Cable NAPLES - BARI is nearing completion, and through service may be expected in the near future.

INTENTION.

2. To allocate L of C circuit numbers for the circuits required to be set up initially in the above cable (speech and teletype/teleprinter) to facilitate identification between Toll Fault Controls and between Chief Operators, P/W Subscribers and Toll Fault Controls.

METHOD.

3. (a) L of C circuit numbers are allocated to speech and teletype (teleprinter) circuits as indicated in Appendices "a", "b" and "c" to this instruction.

(b) circuit numbers have been so numbered to conform with the following general series :-

Type of Circuit	Series
4-wire Speech	101 - 199
2-wire Speech	201 - 299
Teletype (Teleprinter)	3000 - 3999

4. Chief Operators and P/W Subscribers in all dealings with Toll Fault Controls will refer to Main State cable circuits by the L of C circuit number allotted and NOT by name or other local designation. Fault Controls will ensure that this procedure is carried out at all times, as in this way Fault Control routine will be much simplified, and possible confusion between groups of similar circuits prevented.

5. (a) To ensure close liaison and understanding between Toll Fault Controls and civilian manned intermediate repeater stations it is proposed, in addition to L of C circuit numbers, to adopt the normal civilian practice of giving traffic numbers for the numbering of cable circuits.

INTRODUCTION.

To allocate L of C circuit numbers for the circuits required to be set up initially in the above cable (speech and teletype/teleprinter) to facilitate identification between Toll Fault Controls and between Chief Operators, P/W Subscribers and Toll Fault Controls.

METHOD.

3. (a) L of C circuit numbers are allocated to speech and teletype (teleprinter) circuits as indicated in Appendices "a", "b" and "c" to this Instruction.

(b) Circuit numbers have been so numbered to conform with the following general series :-

Type of Circuit	Series
4-wire Speech	101 - 199
2-wire Speech	201 - 299
Teletype (Teleprinter)	3000 - 3999

4. Chief Operators and P/W Subscribers in all dealings with Toll Fault Controls will refer to Main State cable circuits by the L of C circuit number allotted and NOT by name or other local designation. Fault Controls will ensure that this procedure is carried out at all times, as in this way Fault Control routine will be much simplified, and possible confusion between groups of similar circuits prevented.

5. (a) To ensure close liaison and understanding between Toll Fault Controls and civilian named intermediate repeater stations it is proposed, in addition to L of C circuit numbers, to adopt the normal civilian practice of setting traffic numbers for the numbering of cable circuits.

(b) C.C. Special U/O Cable Construction Section will be responsible for the allocation and distribution to Fault Controls and Repeater Stations of this numbering scheme as and when circuits are set up.

(c) Toll Fault Controls and affected Wire Chiefs (Maintenance Controls) will always use above numbering scheme in matters involving intermediate Repeater Stations.

6. / P.T.O.

6. L of C circuit numbers will be allotted by this office and published as necessary.
7. O.C. Special U/G Cable Construction Section will arrange to hand over to EARI and NAPLES Toll Fault Controls all relevant records and information of composition of circuits and their associated terminal and intermediate equipments as and when circuits are set up and placed into service.
8. ACKNOWLEDGE.
9. Time of issue 1530.4 hrs.

FRT/RTJ.
In the field.

DISTRIBUTION:-

C.S.O. 15 Army Group
AFHQ Adv Signal Section
Signal Officer, Fifth Army
C.S.O. Eighth Army
C.A.F.S.O. M.A.A.F.
Signal Officer, P.B.S.
C.S.O. Allied Control Commission
Signal Officer, 3 A.S.A.C.
Signal Officer, 64 Fighter Wing
C.S.O. 2 District
O.C. 11 L of C Signals
O.C. 16 L of C Signals
O.C. 3 Rly Telegraph Coy.
O.O. Special U/G Construction Coy
O.C. Sigs, FLAMBO.
War Diary
File

J. A. ...
Colonel,
C.S.O. L. of C. ITALY.

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3 - 5
7 - 8
10 - 15
16 - 17
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20 - 24
23 - 26
27 - 29
30 - 31
32 - 33
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APPENDIX "A" TO C.S.O. L.O.F.C., ITALY
SIGNAL INSTRUCTION NO. 5 DATED 18 DEC 43.

4-WIRE SPEECH CIRCUITS

BARI End.	CIRCUIT		L of C Circuit No.	Civilian Circuit No. +++
		NAPLES End		
T.A.F.	24 (F) WING (GRANDSTAND)		101	BA-Na. 1
15 ARMY GROUP	FIFTH ARMY		102	BA-Na. 2
XV AIR FORCE	AIR C.P. CASERTA		103	BA-Na. 3
SERVICE COMMAND (OLIVIA)	3 A.S.A.C. (GORDON)		104	BA-Na. 14
214 GROUP R.A.F.	113 M.U.		105	BA-Na. 5
XV AIR FORCE	NAPLES L.D. (C.F.2 System)		106	BA-Na. 17
15 ARMY GROUP	FLAMBO		107	BA-Na. 7
NO. 2 DISTRICT	FLAMBO		108	BA-Na. 8
XV AIR FORCE	N.A.C.A.F. C.P.		109	BA-Na. 9
T.A.F.	AIR C.P. CASERTA		110	BA-Na. 10
BARI L.D.	NAPLES L.D. NO. 1		111	BA-Na. 21
T.A.F.	3 A.S.A.C. (GORDON)		112	BA-Na. 20
BARI	NAPLES GOVT & A.C.C. NO. 1.		113	BA-Na. 22
BARI	" " NO. 2. 0		114	BA-Na. 23
BARI	" " NO. 3. 0		115	BA-Na. 24
BARI L.D.	NAPLES L.D. NO. 2		116	BA-Na. 13

4-11 1/2 is allotted by O.C. Special U/C Cable Construction

T.A.F.	34 (F) WING (GRANDSTAND)	101	BA-NL 1
15 ARMY GROUP	FIFTH ARMY	102	BA-NL 2
XV AIR FORCE	AIR C.P. CASERTA	103	BA-NL 3
SERVICE COMMAND (OZARK)	3 A.S.A.C. (GORDON)	104	BA-NL 14
214 GROUP R.A.F.	113 M.U.	105	BA-NL 5
XV AIR FORCE	NAPLES L.D. (C.F.2 System)	106	BA-NL 17
15 ARMY GROUP	FLAMBO	107	BA-NL 7
NO.2 DISTRICT	FLAMBO	108	BA-NL 8
XV AIR FORCE	N.A.C.A.F. C.P.	109	BA-NL 9
T.A.F.	AIR C.P. CASERTA	110	BA-NL 10
BARI L.D.	NAPLES L.D. NO.1	111	BA-NL 21
T.A.F.	3 A.S.A.C. (GORDON)	112	BA-NL 20
BARI	NAPLES GOVT & A.C.C. @ NO.1.	113	BA-NL 22
BARI	" "	114	BA-NL 23
BARI	" "	115	BA-NL 24
BARI L.D.	NAPLES L.D. NO.2	116	BA-NL 13

+++ As allotted by O.C. Special U/G Cable Construction
Section.

@ To be split later at S.ILERNO

APPENDIX "B" TO C.S.C. L. OF C. ITALY
SIGNAL INSTRUCTION NO. 6 DATED 18 DEC 43.

2 WIRE CIRCUITS

CIRCUIT		L of C Circuit No.	Civilian Circuit No.
FROM	TO		
NAPLES L.D.	SALERNO (24 S/Area) NO. 1.	201	NA-SL 1
"	" " NO. 2	202	NA-SL 2
"	" " NO. 3	203	NA-SL 3
"	" " NO. 4	204	NA-SL 4
"	" " NO. 5	205	NA-SL 5
"	" " NO. 6	206	NA-SL 6
NAPLES F.AULT CONTROL	SALERNO REPEATERS (SPEAKER)	207	NA-SL 7
"	"	208	NA-SL 8
BARI L.D.	SALERNO M. INTER. VOCE CONTROL	209	BA-GRM 1
"	GR. VIN. L OF C NO. 1	210	BA-GRM 2
"	" " NO. 2	211	BA-SL 1
"	SALERNO (24 S/Area)	212	BA-AT 1
BARI F.AULT CONTROL	ATENA TEST	213	BA-AT 2
"	ATENA (SPEAKER)	214	SL-POT 1
SALERNO (24 S/Area)	POTENZA L OF C	215	BA-POT 1
BARI L.D.	POTENZA L OF C	216	BA-POT 2
BARI CIVIL	POTENZA CIVIL	217	
INTERSTATION SPEAKER (NAPLES - BARI)			

NAPLES L.D.	SALERNO (94 S/area) No. 1.	201	NA-SA 1
"	" " No. 2	202	NA-SA 2
"	" " No. 3	203	NA-SA 3
"	" " No. 4	204	NA-SA 4
"	" " No. 5	205	NA-SA 5
"	" " No. 6	206	NA-SA 6
NAPLES FAULT CONTROL	SALERNO REPEATERS (SPEAKER)	207	NA-SA 7
"	" " SALERNO M. INTEN. NOE CONTROL	208	NA-SA 8
BARI L.D.	GRAVIN. L OF C NO. 1	209	BA-GRA 1
"	" " NO. 2	210	BA-GRA 2
"	SALERNO (94 S/area)	211	BA-SA 1
BARI FAULT CONTROL	APEN. TEST	212	BA-AT 1
"	APEN. (SPEAKER)	213	BA-AT 2
SALERNO (94 S/area)	POTENZA L OF C	214	SA-POT 1
BARI L.D.	POTENZA L OF C	215	BA-POT 1
BARI CIVIL	POTENZA CIVIL	216	BA-POT 2
INTERSTATION SPEAKER (NAPLES - BARI)		217	

4466

APPENDIX "C" TO U.S.C. L. OF C. V. 11111
 SIGNAL INSTRUCTION NO. 2 DATED 18 DEC 48.

TELETYPE/TELEPRINTER CIRCUITS.

FROM	CIRCUIT TO	TYPE	L OF C CIRCUIT NO.
T.A.F.	84 FIGHTER WING (CRANDSTAND)	S+D on 101 (T/P)	8001
15 ARMY GROUP	FIFTH ARMY	S+D on 102 (T/P)	8002
15 ARMY GROUP	FLAMEO	S+D on 107 (T/P)	8003
2 DISTRICT	FLAMEO	S+D on 108 (T/P)	8004
T.A.F.	AIR C.P. CASERT.	S+D on 110	8005
T.A.F.	3 A.S.C (CORDON)	S+D on 112	8006
XV AIR FORCE	AIR C.P. CASERT.	Teletype Ch. 1 of CF2 on 103	8007
XV AIR FORCE	N.A.C.A.F. C.P.	T/P on Ch. 2 of CF2	8008
SERVICE COMD (OZARK)	3 A.S.C (CORDON)	Teletype on Ch. 3 of CF2	8009
214 GROUP RAF	113 H.U.	T/P on Ch. 4 of CF2	8010
MOVT CONTROL BARI	M.R.S. N.PLES	T/P on Ch. 5 of CF2	8011
BARI FAULT CONTROL	M.PLES FAULT CONTROL	Teletype on Ch. 2 of CF2	8014
NOT YET ALLOTTED		Ch. 6 of CF2 465	8012
NOT YET ALLOTTED		Ch. 7 of CF2	8013

2-4

For: Signalmasters, Messengers, Chiefs,
Chief Operators, Wire Chiefs and
Maintenance Controls.

19,300.43

REALE TEST - NADIMS

confusion and resulting loss of time in establishing

POGCI0FLLM is no longer a switching point nor

Should it be necessary to refer to POSSIOREALE, this

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O.S.C. L. of C., ITALY.

DISTRIBUTION:—

4975

C. S. O. Allied Control Commission (2)
Signal Officer, 34 Fighter Wing (2Lt. Lieut. Temple) (2)

PAULETTE NADINE

connections between the words POCGIO and POCGIO, an abbreviated form of POCGIO, frequently used in referring to the NAPLES named Test point, formerly known as POCGIO switch.

POGSIONALL is no longer a switching point nor trouble centre. All reports of troubles or faults, or enquiries concerning same, will be directed to NAPIES L.D. FAULT CONTROL.

Should it be necessary to refer to POSSIBLE, this point will be known in the future as REAL TEST.

The
 Captain R. H. S. C.
 Major S. C.
 The Colonel,
 of C. I. R.

通江/通江

In the field,

C.S.O. L. OF C. IDLY.

DISTRIBUTION:

C.S.C. 15 Army Group
THE 4th Signal Section (HAPLES L.D. Fault Control) (20)

Signal Officer, Royal Navy (4)

Simon Office, with Larry

U.S.O. Flight Army

Signal Officer, P. E. S. (10)

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C.E.C. C.L.E. C.P.

0.5.0. 2 Distrito (ARI Fault Control)

Signal Officer, 3 ... 5. (4)

C.S.O. Allied Control Commission (2)

Siguel Officer, ex Right Wing (Lib: 11/11/11) (S)

2. SiO_2

O.O. 11 Lot 9 Signels (5)

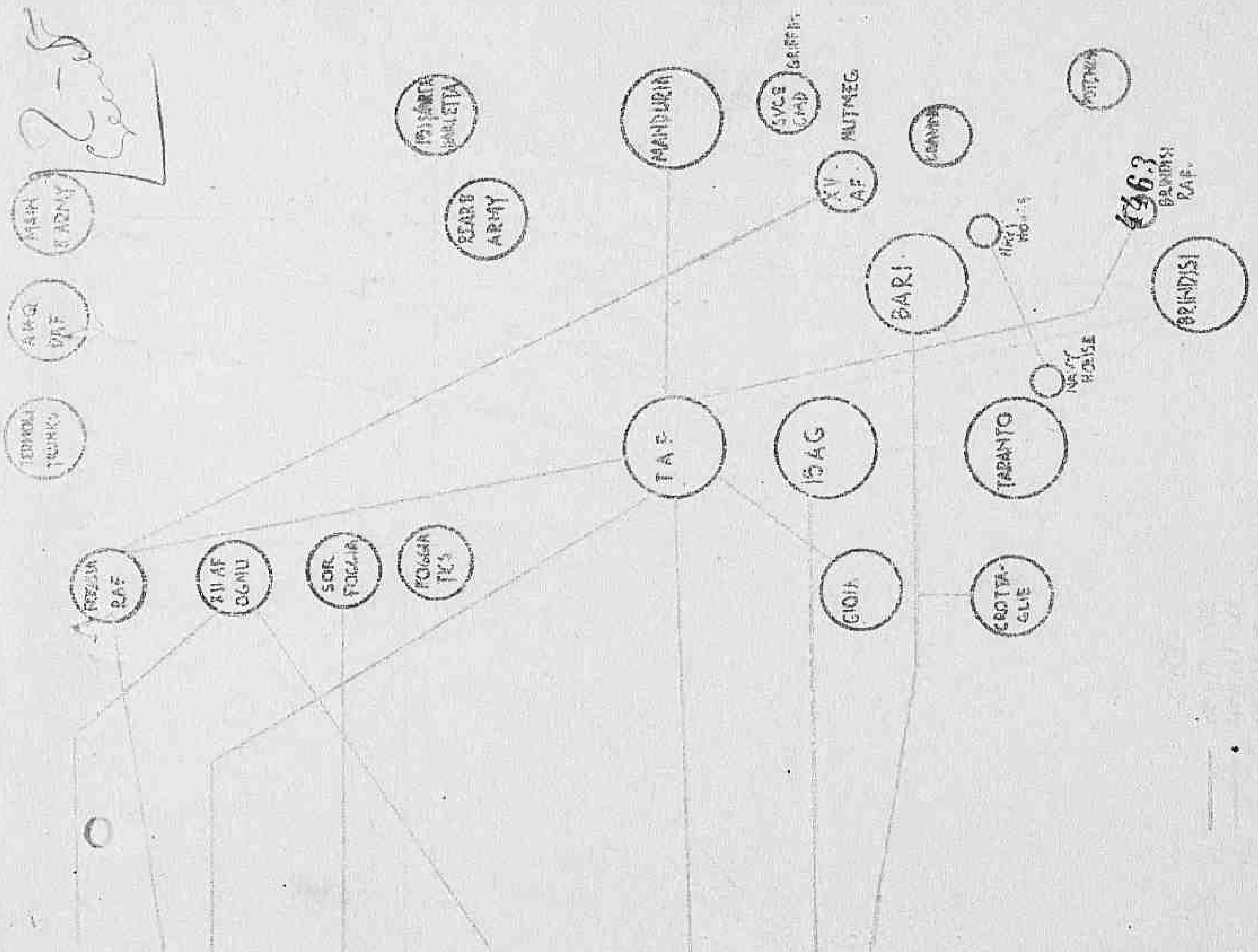
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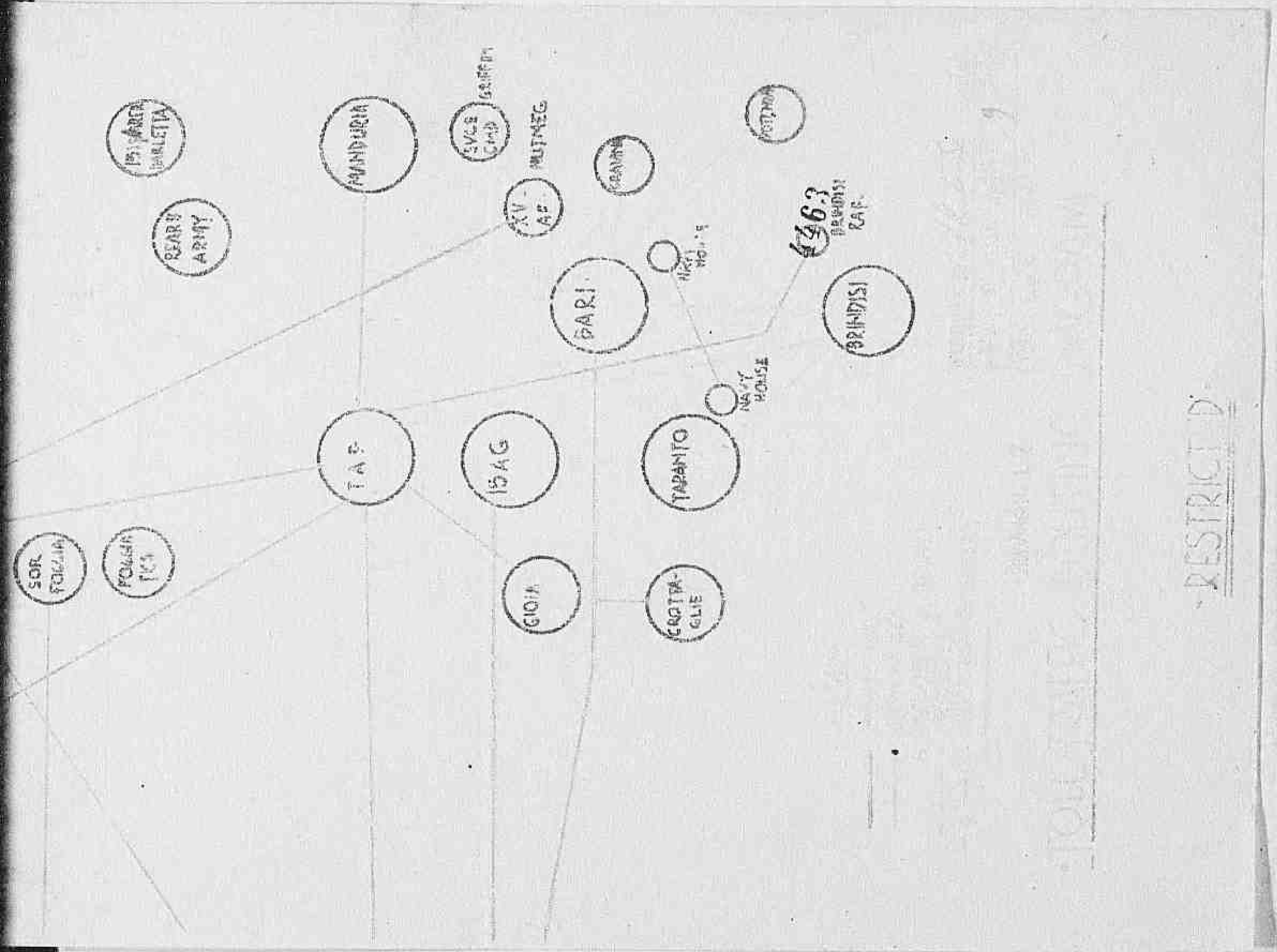
Smith, Davis, & Fawcett

0.0; 1 cov; 2 Air Variation signals (2)

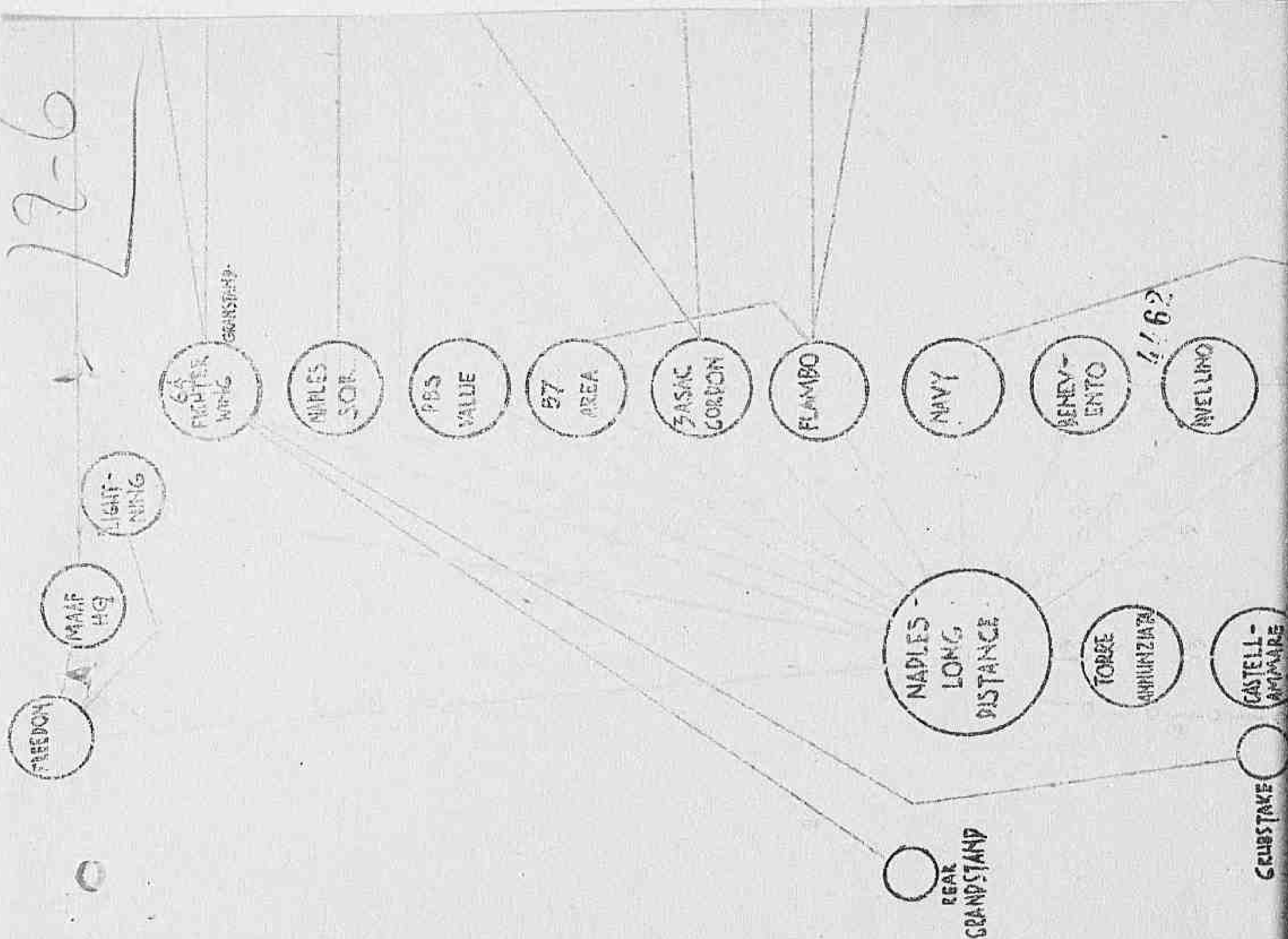
(c) **STANLEY, R. SIGAIDS**
600 WILSON COY.,
CITY OF NEW YORK, N.Y.

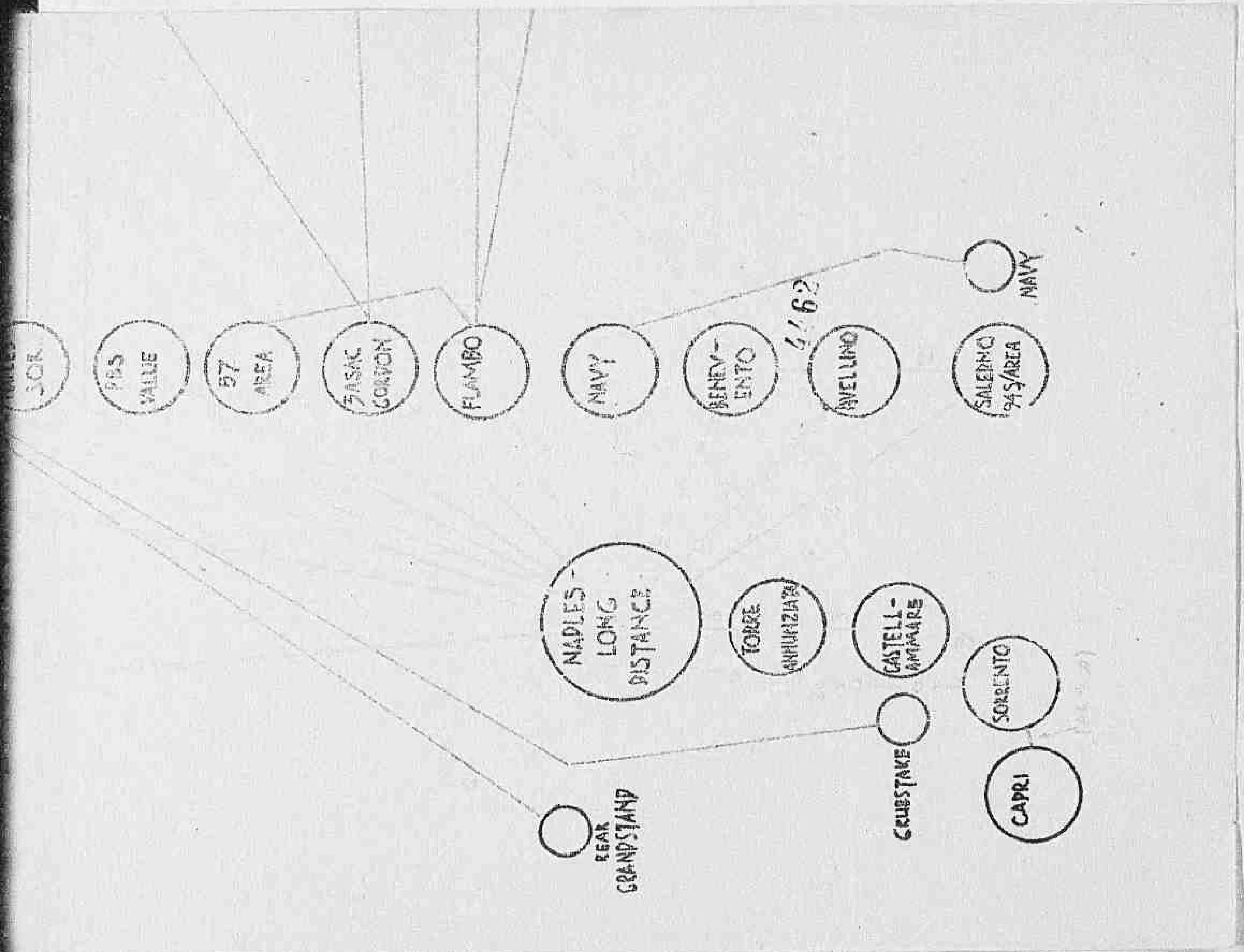
O.O. Special U/C Construction Coy (Lt. Col. BETH) (2)





RESTRICTED





X/10

Copy #19

to Col. Wether for
info action if required
6 Jan 1952Seen:- Capt. Stone seen 10/11
Col. D. L. - 10/11
Col. M. - 10/11

SECRET

COPY NO. 118

Copy #19
Sent to Col. Henderson
7 Jan 1952

19 Dec 43

C.S.O. L. OF C. ITALY SIGNAL INSTRUCTION NO. 8.

INFORMATION.

1. Restoration of the State U/G Cable MAPLES - BARI is nearing completion, and through service may be expected in the near future.

INTENTION.

2. To allocate L of C circuit numbers for the circuits required to be set up initially in the above cable (speech and teletype/teleprinter) to facilitate identification between Toll Fault Controls and between Chief Operators, P/W Subscribers and Toll Fault Controls.

METHOD.

3. (a) L of C circuit numbers are allocated to speech and teletype (teleprinter) circuits as indicated in Appendices "A", "B" and "C" to this instruction.

(b) Circuit numbers have been so numbered to conform with the following general series :-

Type of Circuit	Series
4-wire Speech	101 - 199
2-wire Speech	201 - 299
Teletype (Teleprinter)	3000 - 3999

4. Chief Operators and P/W Subscribers in all dealings with Toll Fault Controls will refer to Main State cable circuits by the L of C circuit number allotted and NOT by name or other local designation. Fault Controls will ensure that this procedure is carried out at all times, as in this way Fault Control routines will be much simplified, and possible confusion between groups of similar circuits prevented.

5. (a) To ensure close liaison and understanding between Toll Fault Controls and civilian manned intermediate repeater stations it is proposed, in addition to L of C circuit numbers, to adopt the normal civilian practice of allocating traffic numbers for the numbering of cable circuits.

1. Restoration of the State U/G Cable MAPLES - BAH is heading completion, and through service may be expected in the near future.

INTENTION.

2. To allocate L of C circuit numbers for the circuits required to be set up initially in the above cable (speech and teletype/teleprinter) to facilitate identification between Toll Fault Controls and between Chief Operators, P/W Subscribers and Toll Fault Controls.

METHOD.

3. (a) L of C circuit numbers are allocated to speech and teletype (teleprinter) circuits as indicated in Appendices "A", "B" and "C" to this instruction.

(b) Circuit numbers have been so numbered to conform with the following general series :-

Series

Type of Circuit

4-wire Speech	101 - 199
2-wire Speech	201 - 299
Teletype (Teleprinter)	3000 - 3999

4. Chief Operators and P/W Subscribers in all dealings with Toll Fault Controls will refer to Main State cable circuits by the L of C circuit number allotted and NOT by name or other local designation. Fault Controls will ensure that this procedure is carried out at all times, as in this way Fault Control routines will be much simplified, and possible confusion between groups of similar circuits prevented.

5. (a) To ensure close liaison and understanding between Toll Fault Controls and civilian manned intermediate repeater stations it is proposed, in addition to L of C circuit numbers, to adopt the normal civilian practice of allocating traffic numbers for the numbering of cable circuits.

(b) O.C. Special U/G Cable Construction Section will be responsible for the allocation and distribution to Fault Controls and Repeater Stations of this numbering scheme as and when circuits are set up.

(c) Toll Fault Controls and affected Wire Chiefs (Maintenance Controls) will always use above numbering scheme in matters involving intermediate Repeater Stations.

Received 5 Jan 44

6. / P.T.C.

6. L of C circuit numbers will be allotted by this office and published as necessary.

7. C.C. Special U/G Cable Construction Section will arrange to hand over to EARI and NAPLES Toll Fault Controls all relevant records and information of composition of circuits and their associated terminal and intermediate equipments as and when circuits are set up and placed into service.

8. ACKNOWLEDGE.

9. Time of issue 1530.4 hrs.

FRT/RTJ.

In the field.

DISTRIBUTION:-

C.S.O. 15 Army Group
AFHQ Adv Signal Section
Signal Officer, Fifth Army
C.S.O. Eighth Army
C.A.F.S.O. M...A.F.
Signal Officer, P.B.S.
C.S.O. Allied Control Commission
Signal Officer, 3 A.S.A.C.
Signal Officer, 84 Fighter Wing
C.S.O. 2 District
O.C. 11 L of C Signals
O.C. 16 L of C Signals
O.C. 3 Rly Telegraph Coy.
O.C. Special U/G Construction Coy
O.C. Sigs. FLAMBO.
War Diary
File

J. H. ...
Colonel,
C.S.O. L. of C., ITALY.

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APPENDIX "A" TO C.S.O. L. OF C. ITALY
SIGNAL INSTRUCTION NO. 8 DATED 18 DEC 43.

4-WIRE SPEECH CIRCUITS

BARI End.	CIRCUIT		L of C Circuit No.	Civilian Circuit No. +++
		NAPLES End		
T.A.F.	84 (F) WING (GRANDSTAND)		101	BA-NL 1
15 ARMY GROUP	FIFTH ARMY		102	BA-NL 2
XV AIR FORCE	AIR C.P. CASERTA		103	BA-NL 3
SERVICE COMMAND (OZARK)	3 A.S.A.C. (GORDON)		104	BA-NL 14
214 GROUP R.A.F.	113 H.U.		105	BA-NL 5
XV AIR FORCE	NAPLES L.D. (C.F.2 System)		106	BA-NL 17
15 ARMY GROUP	FLAMEO		107	BA-NL 7
NO.2 DISTRICT	FLAMEO		108	BA-NL 8
XV AIR FORCE	N.A.C.A.F. C.P.		109	BA-NL 9
T.A.F.	AIR C.P. CASERTA		110	BA-NL 10
BARI L.D.	NAPLES L.D. NO.1		111	BA-NL 21
T.A.F.	3 A.S.A.C. (GORDON)		112	BA-NL 20
✓ BARI	NAPLES GOVT & A.C.C. NO.1.		113 ✓	BA-NL 22
✓ BARI	" " NO.2. 0		114 ✓	BA-NL 23
✓ BARI	" " NO.3. 0		115 ✓	BA-NL 24
BARI L.D.	NAPLES L.D. NO.2		116	BA-NL 13

+++ As allotted by O.C. Special U/C Cable Construction
Section

15 ARMY GROUP	FIFTH ARMY	102	BA-NL 2
XV AIR FORCE	AIR C.P. CASERTA	103	BA-NL 3
SERVICE COMMAND (OZARK)	3 A.S.A.C. (GORDON)	104	BA-NL 14
214 GROUP R.A.F.	113 M.U.	105	BA-NL 5
XV AIR FORCE	NAPLES L.D. (C.F. 2 System)	106	BA-NL 17
15 ARMY GROUP	FLAMEO	107	BA-NL 7
NO. 2 DISTRICT	FLAMEO	108	BA-NL 8
XV AIR FORCE	N.A.C.A.F. C.P.	109	BA-NL 9
T.A.F.	AIR C.P. CASERTA	110	BA-NL 10
BARI L.D.	NAPLES L.D. NO. 1	111	BA-NL 21
T.A.F.	3 A.S.A.C. (GORDON)	112	BA-NL 20
✓ BARI	NAPLES GOVT & A.C.C. ① NO. 1.	113 ✓	BA-NL 22
✓ BARI	" " NO. 2. ①	114 ✓	BA-NL 23
✓ BARI	" " NO. 3. ①	115 ~~114~~ ①	BA-NL 24
BARI L.D.	NAPLES L.D. NO. 2	116	BA-NL 13

+++ As allotted by O.C. Special U/G Cable Construction Section.

① To be split later at SALERNO

APPENDIX "B" TO C.S.O. L. OF C. ITALY
SIGNAL INSTRUCTION NO. 3 DATED 18 DEC 43.

2-WIRE CIRCUITS

CIRCUIT		L of C Circuit No.	Civilian Circuit No.
FROM	TO		
NAPLES L.D.	SALERNO (94 S/Area) No. 1.	201	NL-SA 1
"	" " No. 2	202	NL-SA 2
"	" " No. 3	203	NL-SA 3
"	" " No. 4	204	NL-SA 4
"	" " No. 5	205	NL-SA 5
"	" " No. 6	206	NL-SA 6
NAPLES FULT CONTROL	SALERNO REPEATERS (SPEAKER)	207	NL-SA 7
"	"	208	NL-SA 8
BARI L.D.	GRAVIM. L OF C NO. 1	209	BA-GR 1
"	" " NO. 2	210	BA-GR 2
"	SALERNO (94 S/Area)	211	BA-SA 1
BARI FULT CONTROL	ATEN. TEST	212	BA-AT 1
"	ATEN. (SPEAKER)	213	BA-AT 2
SALERNO (94 S/Area)	POTENZA. L OF C	214	SA-POT 1
BARI L.D.	POTENZA. L OF C	215	BA-POT 1
BARI CIVIL	POTENZA. CIVIL	216	BA-POT 2
INTERSTATION SPEAKER (NAPLES - BARI)		217	

APPENDIX "C" TO C.S.O. L. OF C., ITALY
SIGNAL INSTRUCTION NO. 8 DATED 18 DEC 43.

TELETYPE/TELEPRINTER CIRCUITS.

CIRCUIT		TYPE	L OF C CIRCUIT NO.
FROM	TO		
T.A.F.	34 FIGHTER WING (GRANDSTAND)	S+D on 101 (T/P)	8001
15 ARMY GROUP	FIFTH ARMY	S+D on 102 (T/P)	8002
15 ARMY GROUP	FLAMEO	S+D on 107 (T/P)	8003
2 DISTRICT	FLAMEO	S+D on 108 (T/P)	8004
T.A.F.	AIR C.P. CASERTA	S+D on 110	8005
T.A.F.	3 ASAC (GORDON)	S+D on 112	8006
XV AIR FORCE	AIR C.P. CASERTA	Teletype Ch. 1 of CF2 on 106	8007
XV AIR FORCE	N.A.C.L.F. C.P.	T/P on Ch. 3 of CF2	8008
SERVICE COMD (OZARK)	3 ASAC (GORDON)	Teletype on Ch. 3 of CF2	8009
214 GROUP RAF	113 H.U.	T/P on Ch. 4 of CF2	8010
MOVT CONTROL E.F.I	N.R.S. NAPLES	T/P on Ch. 5 of CF2	8011
EARL FAULT CONTROL	NAPLES FAULT CONTROL	Teletype on Ch. 8 of CF2	8014
NOT YET ALLOTTED		Ch. 6 of CF2	8012
NOT YET ALLOTTED		Ch. 7 of CF2	8013

44582013

Subject:-- Telephone Communications.

To : List "A",
AFHQ Adv Adm Ech.

X/22/9

19 Dec 43

Attached Toll Traffic Routing Diagram No. L.2
forwarded for information.

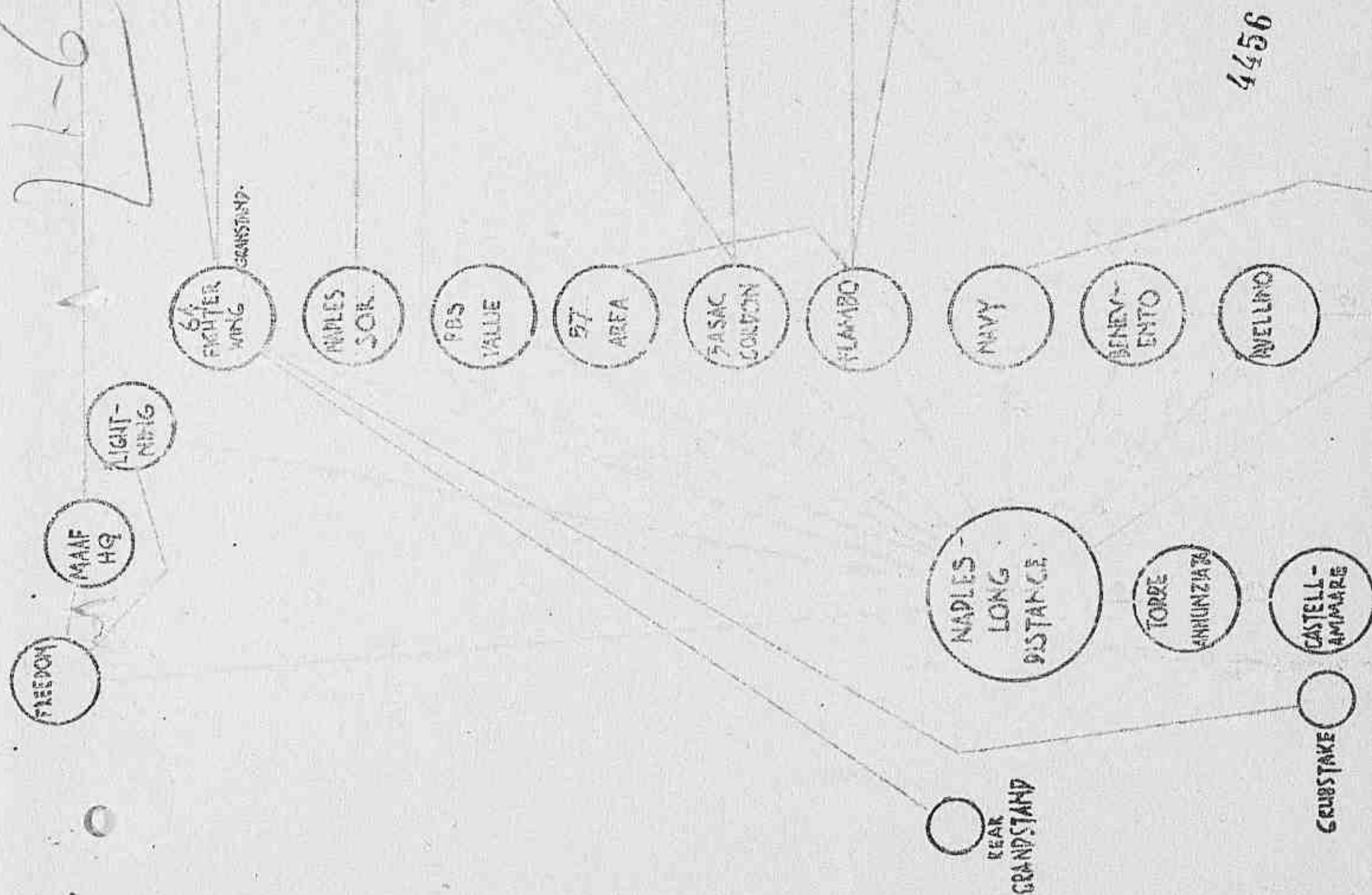
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In the field.

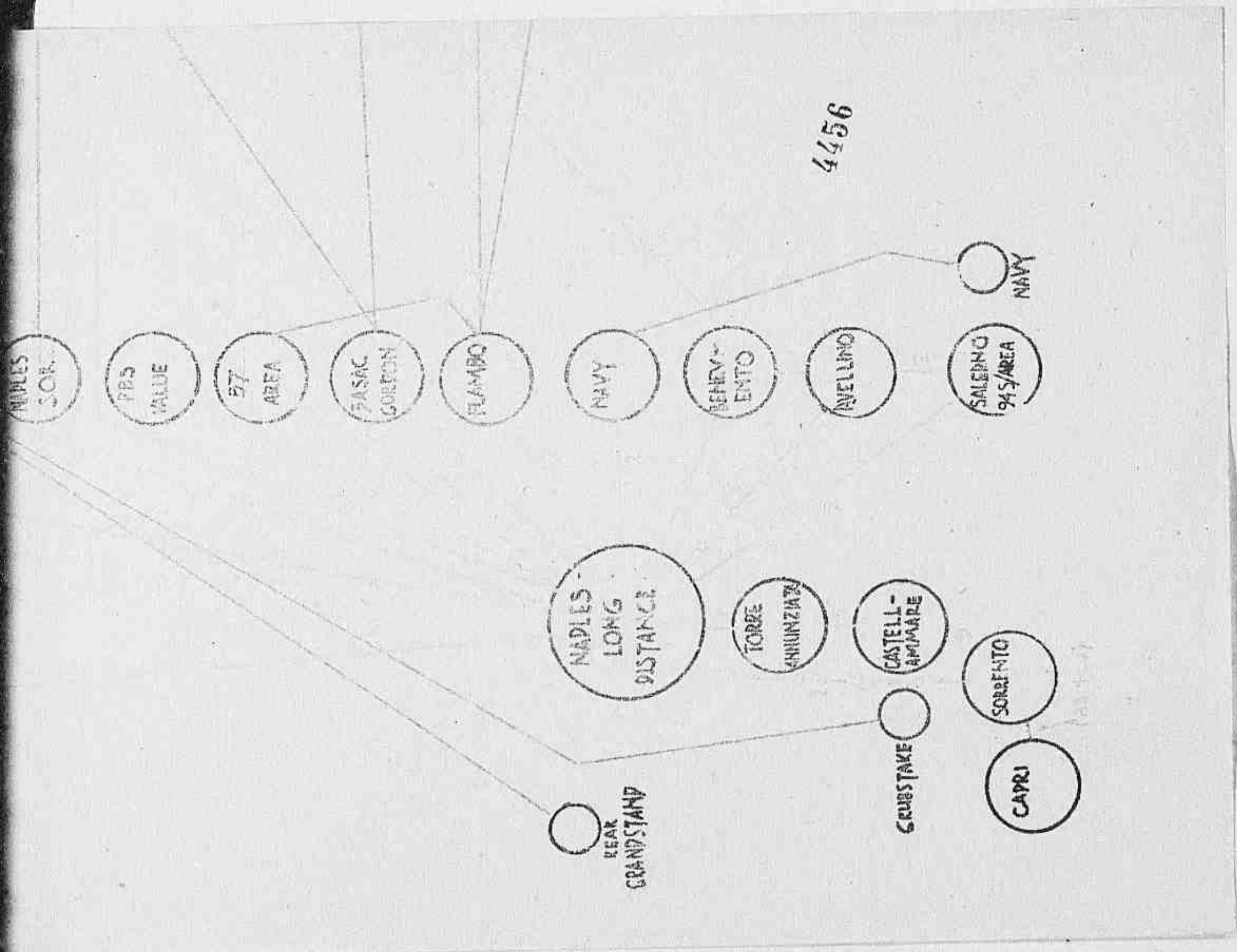
Copy to:-- C.S.O. 15 Army Group (2)
AFHQ Adv Signal Section (2)
Signal Officer, Fifth Army (2)
C.S.O. Eighth Army (2)
C.S.O. S.O. M.A.A.F. (2)
C.S.O. Air Formation Signals, T.A.F. (2)
Signal Officer, P.S.S. (2)
C.S.O. 2 District (2)
C.S.O. 3 District
✓ C.S.O. Allied Central Commission (2)
Signal Officer, VII A.S.C. (2)
Signal Officer, 3 A.S.A.C. (2)
Signal Officer, 64 Fighter Wing (2)
C.O. 2 Air Formation Signals (2)
C.O. 11 L of C Signals (3)
C.O. 15 L of C Signals (3)
C.O. 16 L of C Signals (3)
C.O. 3 Rly Telegraph Coy, R. Signals
Sigs, FLAMEO (2)

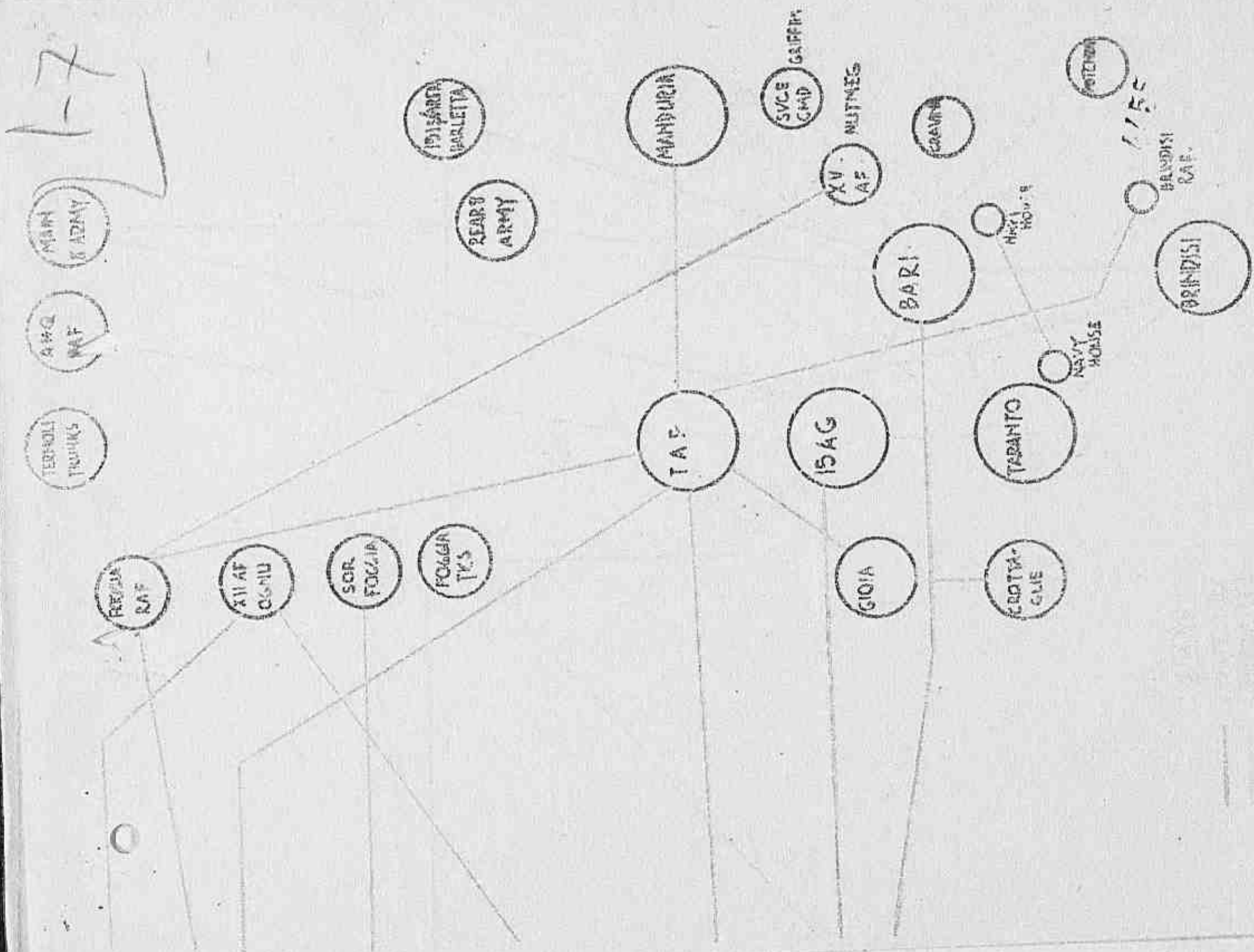
J. J. L. L. L.
C.S.O. L. of C., ITALY.

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49 Dec 43

REAL TEST - STUDY

POGGIORIALLE is no longer a switching point nor trouble centre. All reports of troubles or faults, or enquiries concerning same, will be directed to NAPLES L.D. FAULT CONTROL.

Lycopodium obscurum
Lyc. obs.
of C. C. ITALY.

In the field.

C.S.O. 15 Army Group (20)

AFHQ Adv Signal Section (X-PLS)
Signal Officer, Royal Navy (4)

Signal Officer, Royal Navy

Signal Officer, Fifth Army

ANNUAL REPORT

Officers, P.M.S.

Scientific Officer, VII

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[illegible]

STAFF
ATTACHED
ATTACHED CONTROL COMMISSION (2)

[illegible]

THE
CITY OF
NEW YORK
COUNTY OF
NEW YORK
IN SENATE,
JANUARY 11, 1906.

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(2) 2004年1月1日起，凡在我国境内销售货物的单位和个人，均应按销售额的一定比例缴纳增值税。

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