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TOP SECRET
By authority of :
CG, Fifth Army
Initials R S
Date: 8-7-44

HEADQUARTERS FIFTH ARMY
A.P.O. #464, U. S. Army
7 August 1944

SIGNAL ANNEX TO ACCOMPANY OPERATIONS INSTRUCTION #31

SIGNAL COMMUNICATION

1. a. Initial Command Posts: AAI Adv - Vic SIENA; Eighth Army Tac - Vic SAINBUCA (Q 755447); Eighth Army Main - Vic MONTEREGIONI (Q 746285); Fifth Army CP - Vic CAMPORBIANO (Q 5338); Fifth Army Rear Echelon - Q 555350; II Corps - Vicinity MONTEATONE (Q 539452); IV Corps - Vic BAGNI de CASCIANO (Q 250445); 13 Corps - Vic TAVARNELLE (Q 700460).

b. Axis of Signal Communication:
Fifth Army: CAMPORBIANO - PISTOIA
II Corps : CASTELFIORENTINO - RJ 505661 - PISTOIA
IV Corps : Q 250445 - PONTEDEIRA - ALTOPASCIO
13 Corps : TAVARNELLE - FIRENZE

c. Attachment of signal troops: See current Fifth Army Station List.

2. Signal communication for Fifth Army will be in accordance with current SOP and SOI except as modified below.

3. a. Wire

- (1) The Army wire system will be as shown on attached circuit diagram.
- (2) A lateral circuit will be installed by II Corps to 13 Corps CP if at all practicable.
- (3) Laterals will be installed by divisions or similar headquarters to the division on their right as prescribed in SOP.

b. Radio

- (1) Army radio circuits will be established on D Day as shown on attached radio diagram.
- (2) Lateral links will be established between flanking corps and flanking divisions. Frequencies and call signs will be determined by mutual agreement between signal officers concerned.
- (3) Radio Deception: See Plan ARNO, dated 31 July 1944.

c. Pigeons

Pigeon lofts will be furnished to divisions and corps on a basis of 2 combat lofts per division and 4 combat lofts per corps headquarters.

d. Cryptographic Systems

- (1) U.S. Corps - British Corps: There is a U.S. cryptographic team at the British corps on the right flank of Fifth Army. British interservice cipher is held by all U.S. and British corps. This permits communication by means of SIGABA, strip and double transposition cipher and British interservice cipher.



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- (2) U.S. Division - British Division: British interservice cipher is held by all U.S. and British divisions.
- (3) Below Division Level:

(a) The Eighth Army Map Reference Points Code is the authorized map reference code for lateral communications between U.S. and British units. Copies of each edition are received at this headquarters and 10 copies will be sent to the II Corps Signal Officer for use by the division on the corps right flank. If additional copies are needed, they can be obtained from the flanking British corps or division.

(b) AFGCODE of the U.S. division on the II Corps right flank and CODEX of the flanking British division will be exchanged by the divisions involved for lateral R/T communications between regiments (British brigades) and lower headquarters. Messages for lateral transmission from a U.S. unit will be encoded in AFGCODE, rather than CODEX, because of the adaptability of the vocabulary.

4. Supply

a. Signal Depot S6-14 will be in operation in the vicinity of CECINA on D Day.

b. An advance signal dump will be in operation at CASTELFIORENTINO on D Day under the control of the II Corps Signal Officer. This dump will stock primarily wire and batteries.

c. Signal Depot 6-15 at EMPOLI or FUCECCHIO to open at earliest possible date.

By command of Lieutenant General CLARK:

A. M. GRUENTHER
Major General, GSC,
Chief of Staff.

OFFICIAL:

Donald W. Brann
DONALD W. BRANN,
Brigadier General, GSC,
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