

WAR DEPARTMENT FIELD MANUAL
FM 11-22

This manual, together with FM 11-21 (when published); supersedes FM 11-20, Organizations and Operations in the Corps, Army, Theater of Operations, and GHQ, 11 November 1940, including C1, 12 June 1941.

SIGNAL OPERATIONS
IN THE
CORPS AND ARMY



WAR DEPARTMENT • JANUARY 1945

For Sale by the Superintendent of Documents, Washington 25, D. C.

United States Government Printing Office
Washington: 1945

WAR DEPARTMENT
Washington 25, D. C., 15 January 1945

FM 11-22, Signal Operations in the Corps and Army, is published for the information and guidance of all concerned.

[AG 300.7 (16 Dec 44)]

BY ORDER OF THE SECRETARY OF WAR:

OFFICIAL:

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DISTRIBUTION:

AAF(2); AGF(40); ASF(2); T of Opns(10);
Arm & Sv Bd(1); Gen & Sp Sv Sch(10); USMA
(50); A(25); CHQ(25); D(5); R(2).

T/O & E: 11-15(6); 11-25(6); 11-37(2); 11-
39(2); 11-65(2); 11-77(2); 11-95(6); 11-
107(2); 11-127(2); 11-155T(2).

For explanation of symbols, see FM 21-6.

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SECTION I

GENERAL

1. Purpose

The purpose of this manual is to outline briefly the organization of the corps and army, the organization and operation of assigned signal corps units, and the application of signal corps activities to tactical operations. This manual is based upon Field Service Regulations, FM 100-5, 100-10, and 100-15, and assumes an understanding of the fundamental doctrines of signal corps activities as set forth in FM 24-5, 24-18, 24-20, and 11-5.

2. Organization

The organizations of corps and army headquarters have been covered in general terms only, as have the signal sections of these two headquarters. Organization of the signal sections is such as to be adequate under most situations. However, for best results all available personnel and equipment should be organized into teams and subsections to meet the needs of the situation. The composition of these various teams has been outlined to provide a guide to such organization for training and for operation.

3. Equipment, Supplies and Transportation

T/E 21, Table of Clothing and Individual Equipment serves as a basis for determining the allowances of clothing and items of quartermaster individual equipment for all personnel. The issue of training equipment is governed by Tables of Allowances, War Department Circulars, and Army Regulations. Organizational equipment, supplies, and transportation, in sufficient quantities to permit the effective functioning of each unit, are prescribed by Tables of Organization and Equipment, or by Tables of Equipment that are numbered to agree with the unit's T/O. AR 310-60 contains a detailed explanation of the foregoing tables. In certain situations, specialized equipment and bulky materials may be carried in stock at higher echelon depots in a theater of operations for issue to units as required. Equipment and supplies peculiar to each unit are mentioned to the extent necessary to explain the operation of that unit, since the successful and effective operation of tactical units in the field depends to a large extent upon efficient training in the use, care, and maintenance of organizational equipment. Unit commanders must keep up their full authorized allowances of organizational equipment and supplies at all times.

4. Command of Attached Organizations

Portions of any signal corps organization of a higher unit may be attached to lower units. Such attached signal organizations or detachments are under the supervision of the signal officer of the unit to which attached, to the same extent as are the organic signal troops, except when they are attached for rations and quarters only. In this case supervision is retained by the senior unit.

SECTION II

CORPS ORGANIZATION AND EMPLOYMENT

5. Organization

The organic elements of the corps consist essentially of a headquarters and headquarters company; a signal battalion; a headquarters and headquarters battery, corps artillery; and a field artillery observation battalion. Normally the corps will be composed of two or more divisions, and may be reinforced by—

- a.* Field artillery units.
- b.* Antiaircraft artillery units.
- c.* Armored units.
- d.* Tank destroyer units.
- e.* Engineer units.
- f.* Air force units.
- g.* Chemical units.
- h.* Cavalry reconnaissance units.
- i.* Service organizations.

6. Employment

a. The corps is primarily a tactical unit of execution and maneuver organized for flexibility. In operations of long duration the divisions in the line may be relieved by fresh divisions, but the corps usually remains until a decision is reached or the strategical plan is changed.

b. When it is part of an army, the corps performs

administrative and supply functions for corps troops only, unless the army commander delegates such functions to it for all of its components and subordinate units. An exception to this exists in the case of ammunition supply, wherein corps normally handles sub-allocation of credits to divisions under its control.

c. When the corps is operating independently, it is responsible for the administration and supply of corps troops, divisions, and all other assigned or attached units.

d. With suitable reinforcements, a corps may carry on sustained independent operations, functioning essentially as a task force. The composition of a reinforced corps is not prescribed, since it depends on the assigned mission. The general principles of operation and administration governing the operations of an army (FM 100-5, 100-10, and 100-15) are applicable also to a corps, particularly to a reinforced corps operating independently.

e. For details of signal activities in the corps see section V.

SECTION III

SIGNAL SECTION, CORPS HEADQUARTERS

7. Organization

The signal section, corps headquarters, consists of the corps signal officer, his executive officer, and a sufficient number of commissioned assistants and enlisted clerks and draftsmen to permit the section to function properly. The signal section of the headquarters of a reinforced corps is increased in strength so that it can perform its prescribed duties for a greater number of corps troops and subordinate units.

8. Duties

The principal duty of the signal section, corps headquarters, during operation, is to formulate a plan for signal activities, and to insure the fulfillment of that plan. This duty includes—

a. Advising the corps commander on all signal activities.

b. Preparing signal operation instructions (SOI) for approval.

c. Preparing standing signal instructions (SSI), if necessary, to explain the use of any part of the SOI.

d. Preparing signal plan, signal annex, paragraph 5 of the field order, and other signal orders.

e. Preparing standing operating procedure (SOP) for corps signal activities in coordination with inter-

ested general and special staff sections, and in conformity with SOP for signal activities as issued by higher headquarters concerned.

f. Checking the SOP for signal activities of the various corps units and coordinating these with the SOP of higher headquarters.

g. Supervision of signal supply and repair for corps troops (and for divisions if the corps is operating separately or if the army delegates supply functions to the corps).

h. Maintenance of current status records of signal communication facilities in use and available, both military and civilian.

i. Submission of reports, as required, to the signal section of higher headquarters concerning the operating condition and composition of the signal communication system in use by the corps.

j. Cooperation with the signal intelligence section of army or the corresponding section of a higher headquarters, on all matters pertaining to radio intelligence, cryptographic and signal security, and initiation of necessary corrective action in case of violations.

k. The procurement of codes and ciphers from the superior headquarters or other source as directed, and the accounting for and distribution of them to subordinate units and to corps troops.

l. Supervision and assignment of photographic missions to assigned or attached photographic units (FM 11-37).

m. Supervision and coordination of training for corps signal troops, attached signal troops, and corps communication personnel.

9. Signal Section, Headquarters, Reinforced Corps

The signal section of a reinforced corps resembles,

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☆U. S. Government Printing Office: 1945—625171