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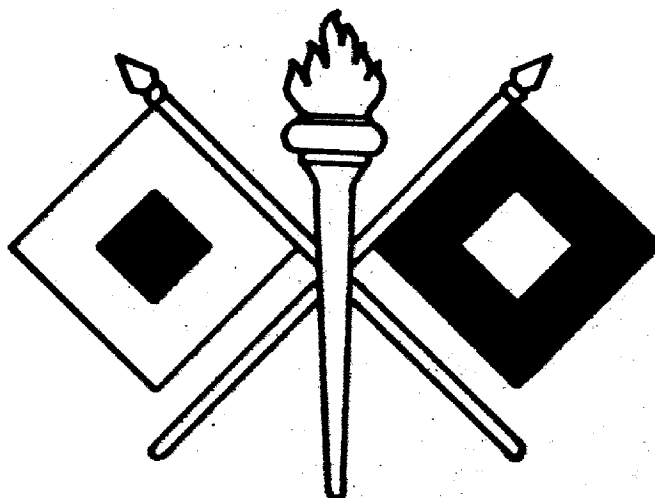
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WAR DEPARTMENT

OFFICE OF THE CHIEF SIGNAL OFFICER

INFORMATION LETTER



NO. 5

WASHINGTON, D.C.
APRIL 1, 1942

DECLASSIFIED

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WAR DEPARTMENT
OFFICE OF THE CHIEF SIGNAL OFFICER
WASHINGTON, D. C.

April 1, 1942

SIGNAL CORPS INFORMATION LETTER

No. 5

Section	Page
I Table of Contents -----	1
II Introduction -----	3
III Chief Signal Officer -----	5
IV OCSigO Organization Chart -----	11
V Civilian Training -----	13
VI Allowances -----	15
VII Civilian Personnel -----	17
VIII OCSigO Moves -----	19
IX Plant -----	21
X Statistics and Reference -----	23
XI Procedures Coordination -----	25
XII A.F.T. -----	27
XIII Replacement Training Center -----	29
XIV War Plans -----	31
XV Military Training -----	33
XVI Equipment Coordination -----	35
XVII Maintenance -----	37
XVIII Photographic -----	41
XIX Signal Corps School -----	45
XX Procurement -----	49
XXI Technical Committee -----	53
XXII Military Personnel -----	59
XXIII Functional Organization Charts -----	73

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OFFICE OF THE CHIEF SIGNAL OFFICER
WASHINGTON, D. C.

April 1, 1942.

SIGNAL CORPS INFORMATION LETTER

NO. 5.

1. The Signal Corps Information Letter (SCIL) is issued monthly in this form. Its purpose is to keep officers in charge of field activities informed of matters of interest, such as new developments in Signal Corps equipment, changes in methods, progress in procurement of major Signal Corps items of equipment, etc.

2. The letter is compiled largely from information regularly available in this office. However, all Signal Corps agencies are invited to submit items of general interest. Such items should reach the Intelligence Division, Office of the Chief Signal Officer, not later than the 20th of each month for inclusion in the letter of the first of the succeeding month.

3. Distribution of the letter will be made to army, corps, and division signal officers; commanding officers of signal companies, battalions, corps area and department signal officers; post, camp, depot and Procurement District signal officers; the signal officers of bases and task forces; the signal officers of the Armored Force; signal officers on the staffs of major headquarters of the Army Air Forces; and Signal Officer G.H.Q.

4. Requisitions for new types of equipment will not be submitted on the basis of information contained in the SCIL.

5. Restricted -- A document will be classified and marked "Restricted" when the information it contains is for official use only or of such nature that its disclosure should be limited for reasons of administrative privacy or should be denied the general public. The "Restricted" mark will be placed on a document only by authority of a commissioned officer.

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III

CHIEF SIGNAL OFFICER

Western Inspection Tour:

Major General Dawson Olmstead, Chief Signal Officer of the Army, has just returned from an inspection tour, a journey covering 7,613 miles, during which he visited the film laboratories on the west coast where various motion picture companies are co-operating with the Signal Corps in the making of training films, and inspected Signal Corps activities of the Western seacoast and middle-west areas.

General Olmstead, accompanied by Captain William B. Latta, of the Executive Office of the Chief Signal Officer, left Washington on March 3rd. Upon his arrival in Los Angeles, he took an automobile tour of various Hollywood studios. At the 20th Century Fox offices he was met by Lt. Col. Darryl F. Zanuck, a well-known producer, at present assigned by letter to the Photographic Division of the Administrative Branch, Office of the Chief Signal Officer.

During his inspection tour of the studios, several screen stars, including Hedy LaMarr, William Powell, Basil Rathbone, Wesley Ruggles, Don Ameche, Henry Fonda, Edward Everett Horton, Clark Gable, and Lana Turner, were presented to the General.

Arriving in San Francisco on Sunday, March 8, General Olmstead was met by Lt. General DeWitt, Commanding General of the Western Defense Command, and Colonel H. G. Miller, a Special Inspector from the Office of the Chief Signal Officer in Washington. While in that city, he conferred with Col. Steward W. Stanley, Signal Officer, Western Defense Command; Col. Joseph J. Grace and Col. Ira H. Treest, both of the Signal Corps. Later an inspection was made of the headquarters, Western Defense Command; Headquarters of the 4th Air Force; the District Office of the Federal Communications Commission, and the Filter and Information Centers.

On March 10th, accompanied by General Fickel, Commander of the 4th Air Force, the General visited and inspected the Headquarters of the Signal Officer, 9th Corps Area. A visit to the Signal Section, San Francisco General Depot and Procurement District was made on March 11th. General Olmstead was accompanied by General Gilbraith, Commanding General of the Depot.

Departing for Seattle, Washington, the General arrived there the following day for an inspection of the Alaskan Communication System. While on this tour, he talked with Colonel Vitzthum, Signal Officer, Alaska Defense Command, and Capt. Snouffer, Commanding, Signal Company Aircraft Warning, Alaska. Visits also were made to the Seattle General Depot, the Transmitting and Receiver Stations of the Alaska Communications System, the Signal Repair Shop at Fort Lawton, and the Information Center, Interceptor Command.

On Saturday, March 14, General Olmstead visited Fort Lewis, Washington, where he talked to Col. Parsons, Signal Officer, 9th Army Corps, and later inspected the Headquarters of the Corps. He also visited the Radio Repair Shop at this Fort. In the afternoon, a visit was made to Headquarters, McChord Field, where the General talked to the Post Signal Officer. Later, escorted by Major Weil, Commanding Officer, he inspected the 552nd Signal Battalion, Aircraft Warning Separate.

In Ogden, Utah, on March 16, he inspected the Signal Section, Ogden General Depot; the Signal Section, the Radio Repair Shop, and the Headquarters of the Ogden Air Depot; and the Ogden Ordnance Plant. He was accompanied by Brig. Gen. Shinkle, Commanding. Later, he visited the Headquarters of the 9th Corps Area and Zone of Communications, Fort Douglas, Utah, with Maj. Gen. Benedict, Commanding, as escort.

General Olmstead arrived in Chicago on March 18 for a visit to the Signal Section, Chicago Depot, in the Chicago Procurement District, where he was met by Colonel T. N. Clark, Officer in Charge. Later, with Colonel C. N. Sawyer, Signal Officer, the General inspected the Signal Office of the 6th Corps Area.

General Olmstead returned to Washington on March 19.

War Department Reorganization:

The War Department reorganization which went into effect with the president's approval on March 9, 1942, placed the Signal Corps in the newly organized Services of Supply. The mission of the Services of Supply is to provide all services and supplies needed to meet military requirements, except those peculiar to the Army Air Forces.

Under the direct command of the Commanding General, Services of Supply, were placed not only the Chief Signal Officer, but also the Surgeon General, the Chief of Engineers, the Quartermaster General, the Chief of Ordnance, certain functions of the Chief of Coast Artillery, the Chief of Chemical Warfare Service, the Chief

of Finance, the Judge Advocate General, the Provost Marshal General, the Chief of Special Services, the Chief of Chaplains, and all Corps Area Commanders, general depots, and ports of embarkation.

Since the major portion of the Signal Corps activities has been concerned with the development and procurement of communication equipment and the training of men in the skills needed to operate that equipment, the Signal Corps was incorporated with only minor modifications into the framework of the Services of Supply.

Readjustment was necessary in the Air Communications Division of the Operations Branch of the Office of the Chief Signal Officer. This division was dissolved and 8 of its officers and 29 civilians were transferred to the Commanding General, Army Air Forces. The remaining functions and personnel of this division were regrouped into the Air Force Terrestrial Communications Division, of the Office of the Chief Signal Officer.

In general, however, the Signal Corps remains intact in its own organization and falls into its logical place as a constituent part of the larger Services of Supply.

Supply, Field Services:

A Supply Service, incorporating the Materiel and Army Communication Branches, and a Field Service, made up of the Operations and Communication Coordination Branches, have been established in the Office of the Chief Signal Officer in accordance with the War Department reorganization which placed the Signal Corps under the Commanding General, Services of Supply.

Brigadier General Charles M. Milliken, head of the Operations Branch, has been designated Chief of the Field Service, and Brigadier General Roger B. Colton, head of the Materiel Branch, was named Chief of the Supply Service. Both retain their positions as branch chiefs.

Effective also on March 9, what has been the Executive Control Division in the Chief Signal Officer's office was expanded to the status of a full-fledged branch, becoming the sixth such unit in the decentralization program of Major General Dawson Olmstead, the Chief Signal Officer of the Army.

Lieutenant Colonel Charles E. Saltzman was designated as Officer in Charge of the new branch and assistant to the Chief Signal Officer. The three divisions in the new branch and the Officers in Charge are: Progress and Statistics, Lt. Col. J. R. Todd; Evaluation and Correction, Major J. K. Fairchild; and Methods and Special Studies, Major S. R. Irwin.

At the same time, a Civilian Training Division was activated in the Administrative Branch, with Capt. A. W. Adams as Officer in Charge. Previously the functions of this new division have been handled by the Civilian Personnel Division. To avoid confusion, the former Training Division in the Operations Branch has been re-named the Military Training Division.

General Myer Presentation:

The post library at Fort Monmouth, N. J., received on Tuesday, March 3, a simple velvet-covered box with an engraved plate, reading: "Compass and chain worn by Brigadier General Albert J. Myer, First Signal Officer, U. S. Army. Presented by his daughter, Miss Gertrude Myer, through Major General Campbell B. Hodges. Presented by the Chief Signal Officer to the Commanding General, Fort Monmouth, March 3, 1942."

The opened box then took its place alongside other pieces of early Signal Corps equipment and is displayed as a memorial of the man whose foresight and pioneering with flags and torches before, during and after the Civil War, blazed the way for the Army's streamlined signal communication system of the present.

Lieutenant Colonel Jay D. B. Lattin, acting for Major General Dawson Olmstead, Chief Signal Officer, presented the mementos of General Myer to Brigadier General G. L. Van Deusen, Commanding General of the Army's Signal Corps post, to mark the day 79 years ago, March 3, 1863, when Myer was made a Colonel and first Chief Signal Officer of the U. S. Army.

The text of Colonel Lattin's remarks follows:

"We are gathered here today to pay tribute to the memory of a great soldier and patriot, General Albert James Myer, founder of military signal operations and the first Chief Signal Officer of the Army.

"This date, March 3rd, is significant in the illustrious career of that famous leader whose memory we now commemorate. It was on this same date that General Myer was advanced to the grade of colonel, and appointed Chief Signal Officer. In 1863, March 3rd marked the passage of the Act of Congress which instituted a separate Signal Corps in the Army.

"It was in 1854, while stationed at an isolated post in New Mexico that General Myer, then a Major, developed what later became known as the "Wig-Wag" system of visual communication. Not until 1859, however, did Congress recognize the great possibilities of the young officer's efforts, and, on

the recommendation of Secretary of War Floyd, the first appropriation for Signal operations was authorized. It was for \$2,000.

"It is a far cry from that modest sum to the stupendous appropriations now being made for our modern and important Army communications system. Unstinted credit, however, must be bestowed upon General Myer, whose unselfish efforts and untiring zeal in those early years served as an inspiration for scientists who continued in his footsteps, resulting today in a Signal Corps of which we can be justly proud.

"In recognition of his notable achievements, General Olmstead regards it a privilege, General Van Deusen, to place in your care for proper display among other tokens being preserved by the Signal Corps in the Post Library, this compass and chain which was carried by General Myer. This valued keepsake was given by Miss Gertrude Myer, daughter of General Myer, to General C. B. Hodges, who in turn presented it to the Chief Signal Officer for suitable disposition.

"It is with fitting honor and respect that we commit this memento to an appropriate repository for posterity to reflect upon the glory merited by this great soldier."

Signal Corps Song Recorded:

The Signal Corps song, written by Mrs. Dawson Olmstead, wife of the Chief Signal Officer, has been recorded by the United States Army Band and five copies have been furnished to the Office of the Chief Signal Officer.

A Washington firm made the master record, which was then forwarded to the Allied Record Manufacturing Company, Hollywood, California, which produced the copies.

Those who wish to secure copies may do so through the Post Exchange at Fort Monmouth, which in turn may obtain additional records from the Hollywood firm.

OFFICE OF THE CHIEF SIGNAL OFFICER
WAR DEPARTMENT

THE SECRETARY OF WAR

THE CHIEF OF STAFF

THE ASSISTANT SECRETARY OF WAR

THE UNDER SECRETARY OF WAR

ROBERT P. PATTERSON

JOHN J. MC CLOY

GEN. G. C. MARSHALL

COMMANDING GENERAL
SERVICES OF SUPPLY

LT. GEN. B. B. SOMERVELL

THE CHIEF SIGNAL OFFICER

MAJ. GEN. DAWSON OLMSTEAD

DEPUTY
CHIEF SIGNAL OFFICER

BRIG. GEN. J. A. CODE JR.

BOARDS &
COMMITTEES

ADVISORY
COUNCIL

EXECUTIVE OFFICER
EXECUTIVE OFFICE

BRIG. GEN. J. A. CODE JR.

ADMINISTRATIVE BRANCH
CHIEF OF ADMINISTRATIVE BRANCH

COL. J. T. WATSON JR.

FISCAL DIVISION

COL. K. B. LAWTON

CIVILIAN PERSONNEL DIVISION

LT. COL. R. R. RINKENBACH

CIVILIAN TRAINING DIVISION

CAPT. A. W. ADAMS

INTELLIGENCE DIVISION

MAJ. G. J. MC INTYRE

SERVICE DIVISION

MAJ. H. V. FOREEN

PHOTOGRAPHIC DIVISION

LT. COL. R. T. SCHLOSBERG

FIELD SERVICE
CHIEF OF FIELD SERVICE

BRIG. GEN. C. M. MILLIKEN

ADMINISTRATIVE & CONTROL DIVISION

COL. D. M. CRAWFORD

COMMUNICATION CO-ORDINATION BRANCH
CHIEF OF COMMUNICATION CO-ORDINATION BRANCH

LT. COL. F. J. WAGLE

EQUIPMENT CO-ORDINATION DIVISION

MAJ. W. STURDY

ALLOWANCES DIVISION

LT. COL. S. F. WASHBURN

STATISTICS & REFERENCE DIVISION

MAJ. A. A. MC CRARY

PROCEDURES CO-ORDINATION DIVISION

LT. COL. V. A. CONRAD

A. F. T. DIVISION

OPERATIONS BRANCH
CHIEF OF OPERATIONS BRANCH

BRIG. GEN. C. M. MILLIKEN

WAR PLANS DIVISION

COL. H. L. RING

MILITARY TRAINING DIVISION

LT. COL. F. H. LANAHAN JR.

PERSONNEL DIVISION

LT. COL. J. B. LATTIN

A. F. T. DIVISION

LT. COL. V. A. CONRAD

SUPPLY SERVICE
CHIEF OF SUPPLY SERVICE

BRIG. GEN. R. B. COLTON

ADMINISTRATIVE & CONTROL DIVISION

BRIG. GEN. R. B. COLTON

MATERIEL BRANCH
CHIEF OF MATERIEL BRANCH

LT. COL. J. D. O'CONNELL

GENERAL DEVELOPMENT DIVISION

COL. T. C. RIVES

RADAR DIVISION

COL. E. V. ELDER

SCHEDULING DIVISION

COL. C. D. CUNY

PROCUREMENT DIVISION

COL. R. C. HILDRETH

STORAGE & DIVISION

LT. COL. J. M. HEATH

MAINTENANCE DIVISION

LT. COL. C. E. SNOW

LEGAL DIVISION

ASSISTANT TO THE
CHIEF SIGNAL OFFICER
EXECUTIVE CONTROL BRANCH

LT. COL. C. E. SALTZMAN

PROGRESS & STATISTICS DIVISION

LT. COL. J. R. TODD

EVALUATION & CONNECTION DIVISION

MAJ. J. K. FAIRCHILD

METHODS & SPECIALLY STUDIES DIVISION

MAJ. S. R. INWIN

ARMY COMMUNICATIONS BRANCH
ARMY COMMUNICATIONS BRANCH

BRIG. GEN. F. E. STONER

COMMUNICATION LIAISON DIVISION

LT. COL. W. T. GUEST

PLANT DIVISION

LT. COL. W. V. PARKER

TRAFFIC DIVISION

COL. E. F. FRENCH

SIGNAL MAINTENANCE SERVICE

LT. COL. R. W. MINCKLER

APPROVED: *Robert Patterson*
BRIG. GEN. ROBERT P. PATTERSON
CHIEF SIGNAL OFFICER OF THE ARMY

CIVILIAN TRAINING

Training Division Activated:

The Civilian Training section of the Civilian Personnel Division became a separate Division of the Administrative Branch on March 9, 1942, with Captain A. W. Adams as Officer in Charge.

Arrangements were made for an in-service school for Signal Corps typists and stenographers to be started about March 23, 1942.

Civilian Training Memorandum No. 3 pertaining to the preparation of job analyses for in-service training was released to all Corps Areas and Signal Corps field establishments.

An outline for a pre-service training course for specialists in Radio Interference Suppression was completed.

This month 5930 trainees were authorized for schools throughout the United States.

VI

ALLOWANCES

T/O, T/BA Revised:

Table of Basic Allowances No. 11, Signal Corps and Table of Basic Allowances No. 11-3, Signal Corps, Aircraft Warning Service, were revised and new tables issued under date of March 1, 1942.

Table of Allowances was prepared for the Ordnance Bomb Disposal School, Aberdeen, Md.

Special tables of equipment were prepared for the following:

Signal Operation Detachment of Construction
Engineer Regiment
1 KW Fixed Radio Station
Signal Fixed Radio Station Company and Detachment,
37th Signal Company
693d Reporting Company, Aircraft Warning

Draft of Table of Basic Allowances for Signal Company, Motorized Division, has been submitted for approval.

VII

CIVILIAN PERSONNEL

1943 Personnel Needs:

In addition to local requirements for civilian personnel, approximately 3,000 radio, telephone, electrical and other engineers, 15,000 radio maintenance men, and 1,000 telephone repairmen will be required during the fiscal year 1943. These employees will be used in installation of new projects and for maintenance of Signal Corps equipment.

It is desired to emphasize the fact that recruiting of this large number of specialized technical personnel is a matter of the greatest concern to the Signal Corps. Every Signal Corps establishment should solicit the assistance of District Civil Service representatives and exploit the labor market for this class of personnel and assist to the limit in this mobilization of civilian man-power.

Every applicant who cannot be used locally should be referred to the nearest Corps Area Signal Officer for such consideration as he is able to give. All qualified applicants should be carefully interviewed and offered employment in professional, sub-professional, or unclassified positions, whichever is appropriate.

It is suggested that Appointing Officers use wide latitude in appointing applicants who appear to be qualified to accept training at Lexington, Kentucky, and who would be able to perform a satisfactory job after such training.

VIII

OCSigO MOVES

Near War College:

The problem of adequate floor space for the activities of the Office of the Chief Signal Officer was partially solved this month with the completion of Temporary "A" Building, adjacent to the Army War College grounds at Buzzard's Point, in the Southwest section of Washington, and the moving of thousands of employees into the new quarters.

Even before the erection of this temporary structure, the 50,000 square feet of space allotted to the Signal Corps last summer was found to be far from adequate. Early last Fall, Major General Dawson Elmstead, Chief Signal Officer of the Army, confronted with the problem of finding room for the fast-growing activities of his office, relieved the situation somewhat by moving the Materiel Branch in its entirety from the Munitions Building on Constitution Avenue to Temporary "A" Building, at 26th and Water Streets. This move increased the available floor area by 82,000 square feet for a total of 132,000.

However, it soon became apparent that this was not nearly sufficient and plans were made for even greater space. In the meantime, and in order that all the existing space and plant facilities could be used to the maximum of efficiency, additional working shifts were instituted not only in the Materiel Branch but in other Branches of the office.

The present space in Temporary Building "A" covers an area of 226,300 square feet. The Signal Corps occupies the entire building. The Materiel Branch was transferred from Temporary "A" Building to the new location. In spite of the increased area thus obtained, the continuance of night shifts in many Divisions is found necessary.

It was not deemed expedient in the present instance to move some of the Divisions. Among those activities remaining in the Munitions Building are the Administrative Offices of the Army Communications Branch and the Executive Control Branch; the Still Picture Section of the Photographic Division; the Communication Liaison Division; the Traffic Division; the Signal Intelligence Service, and units of the Service Division.

IX

PLANT

Rent Telephone Systems:

In connection with the establishment of new Army cantonments, arrangements have been made with commercial telephone companies to provide the telephone systems to serve these camps on a rented commercial basis and to be maintained and operated by the telephone companies.

These installations will for the most part be automatic. Where they are at remote locations from operating centers, the commercial telephone company's plan is to provide toll outlets and to operate the toll and camp pay station services direct from the camp switch. Thus the overall investment and labor will be reduced, and the grade and speed of the telephone service for the camp will be increased.

In order to reduce operating costs and improve the telephone service, it is planned to provide integrated telephone service at many of the large camps where these camps are spread over wide areas and services to the different cantonment areas and activities must be tied together from an administrative standpoint.

At Fort Bragg and Fort Benning, engineering plans are now under way to replace the small manual switchboard installations in the outlying cantonment areas and to tie these systems through unattended automatic switchboard installations to the main camp telephone central office. Such arrangements have proven effective in other locations in reducing cost and at the same time improving the quality of service rendered and with conversions as indicated above these two large telephone systems will be thoroughly modernized.

A service improvement in all multiple switchboards over four positions is to be effected by arranging for segregation of toll traffic, interposition trunking, and improvements on both Government-owned and rented systems are going forward.

In connection with installations at camp hospitals and Ordnance storage depots, the following policies have been established concerning normal procedure at these installations, to be followed unless these are extenuating circumstances which make such procedures impracticable:

Camp hospitals will be served through the camp PEX switchboard and not as a separate installation. Special arrangements such as "Code Call" and "Conference" features will be added if needed to provide service of this character.

Switchboards for Ordnance Ammunition Storage Depots will, in general, be located in the Gate Guard House of such depot. Buildings at these locations will be modified where necessary to house these installations.

policies, and troops of the armies of all Neutral Nations.

Officer Personnel Assigned:

The officers have been assigned tentative duties in charge of the various sections as follows: Executive Officer, Capt. Hoberg; Liaison Section, Capt. Hoberg; Reference Section, 2nd Lt. Buck; Axis Nations Section, Capt. Hoberg; United Nations Section, Major Wooster, and Neutral Nations Section, 2nd Lt. Lipp.

XI

PROCEDURES COORDINATION

Revised Teletypewriter Procedure:

Several weeks ago this Division instituted a study of the problem of coordinating teletypewriting procedure. After a series of preliminary conferences on the subject with representatives from the Army, Navy, and Civil Aeronautics Administration, it was decided that standardization was both desirable and feasible. Subsequently the Chief Signal Officer took informal action in appointing a board of officers which was given the responsibility of formulating a joint procedure.

The board includes the following members: Colonel C. W. Lewis, Signal Corps; Lt. Col. J. D. B. Lartin, Signal Corps, Lt. Commander J. H. Nicholson, Naval Communications; Major A. A. McCrary, Signal Corps; Lt. G. W. Good, Signal Corps, and Mr. L. R. Hayes, Civil Aeronautics Administration.

To date the board has made considerable progress in the formulation of a standard procedure to be employed by the Army, Navy, and Civil Aeronautics Administration. A manual on the subject is near completion and soon will be available for use.

Standardization Radio Procedure:

This Division has been working on problems incident to the revision of Training Manual TM 11-454, The Radio Operator. When revised it is contemplated that TM 11-454 will clear up certain points that are controversial and will provide every-day procedure for use by the Army that will not have to be greatly modified for joint operation with the Navy and the British Forces. In this matter, this Division is working closely with the Army Communication and Equipment Coordination Board, which body is directing and supervising the study.

Mobile Telephone Offices:

Realizing the necessity for Mobile Division Telephone Central Offices, most Division Signal Companies have installed Switchboards BD-14 and associated equipment in cargo trucks. These installations require considerable thought, are not uniform, and in many cases are not satisfactory.

Telephone Central Office Set TC-4 has been standardized and will be issued in the very near future. The Chief Signal Officer has therefore directed the Signal Corps Board to draw up instructions for the converting of both 1½ and 2-ton cargo trucks into Mobile Telephone Central Offices employing TC-4 as the principal item of equipment. These instructions will cover loading of the truck for movement and for operation, illumination, and black-out facilities, etc. It is anticipated that these instructions will be included in TM-332, "Telephone Central Office Set TC-4", which will be published in the near future.

Personnel:

The following officers are on duty with this Division:
Major A. A. McCrary, Officer in Charge, Captain J. F. Craig,
Lt. T. J. Hill, Lt. H. H. Bock, and Lt. G. W. Good.

XII

A.F.T.

New Division Activated:

The former Air Communications Division has been dissolved, and approximately one-half of the personnel has been assigned to the Commanding General, Army Air Forces. The remaining personnel has been assigned to the new Air Force Terrestrial Communications Division.

In connection with the above assignment of personnel to the Commanding General, Army Air Forces, certain Aircraft Warning activities formerly performed by the Air Communications Division have now become the responsibility of the Commanding General, Army Air Forces. These include the preparation of Tables of Organization and Tables of Basic Allowances for Signal Aircraft Warning Units and training of units and personnel when assigned to the Army Air Forces.

AW Units Activated:

During the past month the following Signal Aircraft Warning Units were constituted and activated:

689th Sig. AW Reptg. Co. F (less 1 Reptg. Plat.)				
	Tuskegee,	Alabama		
56th Sig Plat (AB),	Bowman Field,	Kentucky		
57th " " "	"	"	"	Bowman Field, Kentucky
58th " " "	"	"	"	Meridian, Mississippi
59th " " "	"	"	"	Baton Rouge, Louisiana
60th " " "	"	"	"	Barksdale Field, Louisiana
61st " " "	"	"	"	Barksdale Field, Louisiana
62d " " "	"	"	"	Jackson, Mississippi
63rd " " "	"	"	"	Jackson, Mississippi
64th " " "	"	"	"	Oklahoma City, Oklahoma
65th " " "	"	"	"	MacDill Field, Florida
66th " " "	"	"	"	MacDill Field, Florida
67th " " "	"	"	"	Orlando, Florida
68th " " "	"	"	"	Orlando, Florida
69th " " "	"	"	"	Spokane, Washington
70th " " "	"	"	"	Spokane, Washington
71st " " "	"	"	"	Pendleton, Oregon
72nd " " "	"	"	"	Pendleton, Oregon
73rd " " "	"	"	"	Boise, Idaho

74th Sig Plat (AB),	Boise, Idaho
75th " " "	, Salt Lake City, Utah
76th " " "	, Salt Lake City, Utah
77th " " "	, Tucson, Arizona
78th " " "	, Tucson, Arizona
79th " " "	, Oklahoma City, Okla.
565th Signal AW Bn.,	Drew Field, Florida

T/O, T/BA Revision Recommendations:

Recommendations for the revision of table of organization and corresponding table of basic allowance for Signal aircraft warning units have been received from the field and are being studied. These recommendations indicate that a major revision will be necessary, particularly in the frontier reporting and plotting companies and in the Headquarters and Headquarters Company, Aircraft Warning Service Interceptor Command.

Additional Recommendations:

Other recommendations included:

The elimination of the Signal Aircraft Warning Battalion, Separate.

Increasing the strength of the aircraft warning regiment to include additional reporting platoons.

Changing the reporting platoon to a reporting company.

Other minor increases or decreases in personnel not involving a general reorganization.

New T/O Prepared:

Several new tables of organization for special overseas units have been prepared and are being reviewed by the General Staff.

XIII

REPLACEMENT TRAINING CENTER

20,975 Trainees Received:

Since its inception and until February 28, 1942, the Signal Corps Replacement Training Center at Fort Monmouth has received 20,975 trainees. The capacity of the Replacement Training Center is 6,007, which will be maintained by means of the Sea Girt branch as the number of men from the Replacement Training Center undergoing specialist training in the Signal Corps School, Enlisted Men's Department, is increased. On March 20, there were 5,435 men in training in the Replacement Training Center; 1,270 were in basic training.

The following distribution of trainees in the specialist courses was in effect about March 16:

Specialist Schools of the Replacement Training Center:

Auto mechanics	160
Chauffeurs	478
Code clerks	115
Supply clerks	159
Cooks	135
Message center	380
Radio operators	300
Linemen	666
Switchboard operators, local and common battery	121
Telephone operators, local battery	132
First sergeants' course	169
Photographers	60
Pigeoneers	29
Officer candidates prep	85

Specialist courses of the Signal Corps School,
Enlisted Men's Department:

Cryptographic clerks	31
Cable splicers	50
Fixed station operators	108
Central office repairman	39

Installer repairman, local battery	98
Installer repairman, common battery	66
Powerman	10
Radio repairman	624
Switchboard installer	29
Telephone printer maintenance	15
Wire chief, common battery	9
wire chief, local battery	6

The Signal Corps School, Aircraft Warning Department:

Operator's course	40
Maintenance course	3

RTC Transfers:

During the period February 23 to March 21, the Fort Monmouth Signal Corps Replacement Training Center has transferred to field units 1,583 men trained in the various specialties, and in addition, has transferred 515 men to the 15th Signal Service Regiment, principally for attendance in the specialist courses of the Enlisted Men's Department of the Signal Corps School. While all connection of the Replacement Training Center with the latter group of men has been permanently severed, the bulk of them will ultimately be transferred to field units when they have finished the enlisted specialists courses.

Special Cooks' Training:

An extra-curricular activity of the Replacement Training Center is a weekly two-hour course sponsored by the New York Hotel Owners' and New York Chefs' Association. Scheduled in a manner that doesn't interfere with the regular routine of Replacement Center training, the weekly lecture is attended by 200 cooks and prospective cooks. There are 127 members of the Replacement Center cooks' school who are attending the lectures and receiving helpful hints on how to prepare food attractively and economically.

XIV

WAR PLANS

Officer Personnel Augmented:

The officer personnel of the War Plans Division has been recently augmented by the arrival of the following officers:

<u>Name</u>	<u>Assigned</u>	<u>From</u>
Capt. Owen K. Brown	War Theater Planning Section	64th Sig.Bn.
Capt. Andrew A. Risser	War Theater Planning Section	56th Sig.Bn.
1st Lt. Lawrence P. Jacobs	War Theater Planning Section	56th Sig.Bn.
1st Lt. Howard E. Nestlerode	Mobilization Plans and Tables of Organization Section	8th Sig.Co.
1st Lt. Sidney Shelly	Mobilization Plans and Tables of Organization Section	51st Sig.Bn.

New Section Activated:

War Plans Division has just activated the "Tactical Policies and Joint Action Section." This new section will be primarily concerned with the development of communication tactics and with joint action with Navy, Air, and the United Nations.

Reconsider Ground T/O:

Tables of Organization for Ground Signal Corps Units have been returned to the Chief Signal Officer for reconsideration. The reorganization as noted in previous Information Letters is still fundamentally correct, the changes being principally in the addition of sufficient motor mechanics and operating personnel for the equipment set-up. These tables of organization are being redrawn to show this increase and the newly-established basis of issue for carbines and pistols.

Carbines will henceforth be issued to all personnel below field grade except truck drivers and chauffeurs; officers of field grade and above will be armed with pistols. It is expected that these tables of organization will be submitted to the Command-

ing General, Services of Supply, in the immediate future, and it is hoped that they will be approved and published as originally scheduled.

T/O, T/BA Revision Suggestions:

War Plans Division receives many comments and recommendations from various Signal Corps unit commanders in the field relative to changes in tables of organization and tables of basic allowances. The comments on tables of organization are studied and filed for future action and reference in the War Plans Division, and pertinent material is forwarded to the Allowances Division for action on tables of basic allowances. Such recommendations are always welcome and are encouraged.

However, officers forwarding such recommendations are requested to make them specific as to the number and grades of personnel and items of equipment, etc. Any increases or changes in tables of organization and tables of basic allowances must be defended by the Chief Signal Officer before the appropriate General Staff officers, and unless sufficient argument is furnished for such changes, these recommendations lose much of their value.

New T/O Approved:

The table of organization for the Signal Company, Motorized Division, has been approved and has been forwarded for printing and publication. The company has a strength of 11 officers, 1 warrant officer and 300 enlisted men.

March SCIL Correction:

Reference is made to the March SCIL (No. 4), paragraph entitled "Reorganize Construction Company," page 61, in which it was stated in part, "The 227th Signal Construction Company, which now has a detachment at the Army War College." This was in error inasmuch as the 227th was a Signal Operation Company instead of a Signal Construction Company. However, the 227th Signal Operation Company has now been redesignated as the 227th Signal Company, Composite.

MILITARY TRAINING

New Publications Available:

Attention is invited to Basic Field Manual 31-20 and Army Directory, which have recently been published. Extra copies of these publications are available from the Superintendent of Documents, Government Printing Office, Washington, D. C., for the amount shown opposite each item.

FM 31-20, Jungle Warfare (15¢)

Army directory, Oct. 20, 1941 (50¢)

Purchase Technical Publications:

Limited funds have been allotted to the Chief Signal Officer for the purchase of commercial technical publications pertaining to radio. Any requests for these publications should be forwarded to the Chief Signal Officer, since the annual letter regarding subscriptions will not be circulated this year.

Subscriptions to all publications previously furnished will be renewed. Attention is invited to the fact that any request for additional publications should be limited and listed in order of preference. Deletions will be made from the bottom of the lists submitted if necessary.

Utilize Civilian Schools:

Arrangements have been completed by the Chief Signal Officer for the training of Signal Corps personnel in civilian vocational schools. Radio repairmen and radio operators will be trained in the following civilian schools:

Midland Radio and Television Schools of Georgia, Inc.,
Athens, Georgia

Midland Radio and Television Schools, Inc.,
Kansas City, Missouri

Keystone Schools, Inc.,
Pittsburgh, Pennsylvania

Capitol Radio Engineering Institute, Inc.,
Washington, D. C.

Coyne Electrical School
Chicago, Illinois

National School of Los Angeles,
Los Angeles, California.

Samuel Gompers Trades School,
San Francisco, California

Oregon Institute of Technology,
Portland, Oregon.

Authorized Serial Number:

Pending revision of AR 615-26, the following listed specialists' specification serial numbers have been authorized:

Installer-Repairman, Common Battery, Telephone	097
Clerk, Personnel	368
Clerk, Stock Control	374
Clerk, Typist	405
Operator, Aircraft Warning (Same)	514
Installer-Repairman, Plotting Board Aircraft Warning (Same)	637
Installer-Repairman, Local Battery, Telephone	638
Lineman, Pole, Telephone and Telegraph	643
Lineman, Field, Telephone and Telegraph (Same)	645
Operator, Local Battery, Telephone Switchboard	650
Clerk, Message Center	667
Operator, Common Battery Switchboard	705
Plotter	725
Clerk, Supply	835

New Training Course:

A new course for the training of operators, AW (SCR268, 270 or 271) is to be conducted at The Signal Corps School, Fort Monmouth, New Jersey.

New Office Location:

The Military Training Division opened its offices in Temporary Building A on Monday, March 16, 1942, 7:00 a.m.

EQUIPMENT COORDINATION

Division's Duties Listed:

The Equipment Coordination Division of the Communication Coordination Branch was activated on February 23, 1942. The initial cadre of officers and civilian personnel came from the old Coordination and Equipment Division.

The Equipment Coordination Division is charged with the following duties:

Prepared studies involving proposed items of equipment, containing the following:

Digest of military and technical characteristics of comparable foreign equipment; analysis of differences between the proposed tactical requirement and comparable U. S. and foreign equipment to include course of action open, advantages and disadvantages of each; analysis of essential tactical requirements, including frequency channels and assignments; manufacturing practicability; available production capacity; arrangements for demonstration and tests of comparable equipment as required at Communications Coordination Branch, or Demonstration and Test Unit at Fort Monmouth; summary of Equipment Coordination Division study including doctrinal use of the equipment, with references; and additional data, if required by the Army Communications and Equipment Coordination Board or Civilian Advisory Board.

Advises other divisions regarding technical aspects of Signal equipment.

Technical Experts Utilized:

Outstanding civilian technical experts are being commissioned for duty with the Equipment Coordination Division to assist in the work requiring expert technical advice which is done by the division. Other officers of broad military background are available to the division to provide the military point of view.

Reduction of Types:

The primary mission of this division is the reduction of the number of types of Signal Corps equipment without impairing the tactical efficiency of units. It is proposed to accomplish

this mission by adapting existing equipment to the use of more than one arm of service, by the intelligent use of frequency bands available, and by close study of military requirements in order that all new developments will be readily applicable to the use of more than one arm or service.

The equipment studied by the division during the past month included Intercept and Direction Finder Centrals, equipment to reduce the number of crystals necessary for frequency control, Teletype paper which, by the use of a special carbon, permits fifty copies to be made of an incoming message two minutes after it has been received, and a method of protecting pigeons from damage during a gas attack. A study was made of various types of meteorological equipment, which could be attached to an airplane in order to provide weather observations during normal flight operations.

It is contemplated that all requests for new equipment will be submitted through the Equipment Coordination Division in order that they may be properly coordinated.

Radio Set SCR-244-A:

Steps have been initiated to change the military characteristics of Radio Set SCR-244-A to cover frequency range of 1.25 to 40 mc. It is expected that a receiver now in development at the Signal Corps General Laboratories or the Hammerlund SP-210-SX will meet these characteristics.

Weather Instrument Standardized:

In accordance with a directive from the Adjutant General, an item previously listed as Radio Receiver, weather, is being standardized. It is expected that the Hammerlund SP-200-LX will meet this requirement.

Develop Intercept Set:

In order to meet the need for a combination FM-AM receiver for high frequency intercept purposes by Signal Radio Intelligence Companies, military characteristics built around a set now being developed by the Signal Corps or the Hallicrafter S-27 are expected to meet this requirement.

XVII

MAINTENANCE

List of Repair Shops:

A list of Signal Corps repair shops, operating or under organization as of March 20, 1942, is furnished for the information of all concerned:

SHOP LIST AND CHECK SHEET

Signal Depot Shops

Commanding Officer	Lexington Signal Depot	Lexington, Ky.
Commanding Officer	Philadelphia Signal Depot	Philadelphia, Pa.

General Depot Shops

Signal Supply Officer	*Atlanta General Depot	Atlanta, Ga.
Signal Supply Officer	Chicago Quartermaster Depot	Chicago, Ill.
Signal Supply Officer	San Antonio General Depot	San Antonio, Tex.
Signal Supply Officer	San Francisco General Depot	San Francisco, Cal.
Signal Supply Officer	Utah General Depot	Ogden, Utah

Port of Embarkation Shops

Port Signal Officer	New York Port of Embarkation	Brooklyn, New York
Port Signal Officer	*Charleston Port of Embarkation	Charleston, S. C.
Port Signal Officer	*New Orleans Port of Embarkation	New Orleans, La.
Port Signal Officer	Seattle Port of Embarkation	Seattle, Wash.
Port Signal Officer	San Francisco Port of Embarkation	San Francisco, Calif.

Air Depot Shops

O/C, Signal Section	Middletown Air Depot	Middletown, Pa.
O/C, Signal Section	Mines Field Air Terminal	Los Angeles, Cal.
O/C, Signal Section	Mobile Air Depot	Mobile, Ala.
O/C, Signal Section	Ogden Air Depot	Ogden, Utah
O/C, Signal Section	*Oklahoma Air Depot	Oklahoma City, Okla.
O/C, Signal Section	*Rome Air Depot	Rome, New York
O/C, Signal Section	Sacramento Air Depot	Sacramento, Cal.
O/C, Signal Section	San Antonio Air Depot	San Antonio, Tex.
O/C, Signal Section	*San Bernardino Air Depot	San Bernardino, Cal.
O/C, Signal Section	*Spokane Air Depot	Spokane, Wash.
O/C, Signal Section	*Wellston Air Depot	Wellston, Ga.

* Under Organization

Corps Area Shops

Signal Officer, First Corps Area, Boston, Mass.

Repair Shops: Boston, Mass.
*Hartford, Conn.
*Portland, Maine
*Portsmouth, N.H.

Signal Officer, Second Corps Area, New York City, N.Y.

Repair Shops: New York City, N.Y.
Madison Barracks, N.Y.
*Dover, Delaware.

Signal Officer, Third Corps Area, Baltimore, Md.

Repair Shops: Baltimore, Md.
*Portsmouth, Va.
*Richmond, Va.

Signal Officer, Fourth Corps Area, Atlanta, Ga.

Repair Shops: Atlanta, Ga. Camp Forrest, Tenn.
Ft. Benning, Ga. *Miami, Fla.
Ft. Bragg, N.C. *Montgomery, Ala.
Ft. Jackson, S.C. *Savannah, Ga.
Camp Beauregard, La. *Wilmington, N.C.
Camp Blanding, Fla. *Tallahassee, Fla.
Camp Shelby, Miss. *Tampa, Fla.

Signal Officer, Fifth Corps Area, Columbus, Ohio.

Repair Shop: Columbus, Ohio

Signal Officer, Sixth Corps Area, Chicago, Ill.

Repair Shop: Ft. Custer, Mich.

Signal Officer, Seventh Corps Area, Omaha, Nebr.

Repair Shop: Omaha, Nebr.

Signal Officer, Eighth Corps Area, Ft. Sam Houston, Texas

Repair Shops: Ft. Bliss, Texas
Ft. Crockett, Texas
Ft. Sill, Okla.
Camp Barkcley, Texas
Camp Bowie, Texas
Camp Hulen, Texas
*Corpus Christi, Texas

Signal Officer, Ninth Corps Area, Presidio of San Francisco, Calif.

Repair Shops: Ft. Lewis, Wash.
Ft. Ord, Calif.

* Under Organization

Camp Haan, Calif
*Eugene, Oregon
*San Diego, Calif.

Department Shops

Signal Officer, Alaska Defense Command, Ft. Richardson, Alaska
Repair Shop: *Alaska Signal Depot, Anchorage, Alaska

Signal Officer, Hawaiian Department, Honolulu, Hawaii
Repair Shops: Hawaiian Air Depot, Hickam Field, Hawaii
Hawaiian Signal Depot, Honolulu, Hawaii

Signal Officer, Panama Canal Department, Quarry Heights, C.Z.
Repair Shops: Panama Atlantic Air Depot, France Field, C.Z.
*Panama Pacific Air Depot, Albrook Field, C.Z.
Panama Atlantic General Depot, Ft. Davis, C.Z.
Panama Pacific General Depot, Cerrozol, C.Z.

Signal Officer, Puerto Rican Department, San Juan, Puerto Rico
Repair Shops: Puerto Rican Air Depot, Borinquen Field, P.R.
Puerto Rican General Depot, San Juan, P.R.

Service Command Shops

Signal Officer, Air Service Command, Wright Field, Dayton, Ohio
Repair Shop: Fairfield Air Depot, Wright Field, Dayton, Ohio

Civilian Strength Compared:

The civilian strength of the repair shops as of the 20th of March was 2,165, against 1,431 on the 20th of February.

* Under Organization

Camp Hann, Calif
*Eugene, Oregon
*San Diego, Calif.

Department Shops

Signal Officer, Alaska Defense Command, Ft. Richardson, Alaska
Repair Shop: *Alaska Signal Depot, Anchorage, Alaska

Signal Officer, Hawaiian Department, Honolulu, Hawaii
Repair Shops: Hawaiian Air Depot, Hickam Field, Hawaii
Hawaiian Signal Depot, Honolulu, Hawaii

Signal Officer, Panama Canal Department, Quarry Heights, C.Z.
Repair Shops: Panama Atlantic Air Depot, France Field, C.Z.
*Panama Pacific Air Depot, Albrook Field, C.Z.
Panama Atlantic General Depot, Ft. Davis, C.Z.
Panama Pacific General Depot, Cerrozol, C.Z.

Signal Officer, Puerto Rican Department, San Juan, Puerto Rico
Repair Shops: Puerto Rican Air Depot, Borinquen Field, P.R.
Puerto Rican General Depot, San Juan, P.R.

Service Command Shops

Signal Officer, Air Service Command, Wright Field, Dayton, Ohio
Repair Shop: Fairfield Air Depot, Wright Field, Dayton, Ohio

Civilian Strength Compared:

The civilian strength of the repair shops as of the 20th of March was 2,165, against 1,431 on the 20th of February.

* Under Organization

XVIII

PHOTOGRAPHIC

New Location:

The Photographic Division, along with other Signal Corps branches and divisions, has moved to new quarters in Temporary Building "A", adjacent to the Army War College.

The projection room in the Munitions Building has been retained by the Chief Signal Officer for use in reviewing motion pictures. Also to be retained in the Munitions Building will be the still picture files.

The Officer in Charge, Photographic Division, will retain an office in the Munitions Building in addition to a permanent office at Temporary Building "A".

Still Picture Section:

The Still Picture Section announces the developing of new photographic identification equipment for use in the field. The equipment is compact, in two cases, including an identification camera, title board with its alphabet and numerals; also included are the finger printing outfit, a portable background, extra bulbs, and film magazines.

One of the packing cases is used as a support for the background, while the other is used for a movable seat for the photographic subject.

Personnel:

Lt. Colonel Darryl F. Zanuck, who is at present on extended active duty and stationed at Hollywood, California, was recently ordered to the Office of the Chief Signal Officer for temporary duty in connection with a series of conferences on training film production and associated activities.

Plans are being made, at the present time, to activate the 163rd, 164th and 165th Signal Photographic Companies; the 164th and 165th to be activated on an affiliated status. All of these companies are due to be activated in the very near future.

New Training Films Released:

- TF 4-185, "The 37mm Antiaircraft Gun Battery - Organization; Movement on the Road; Movement into Position."
- TF 4-186, "The 37mm Antiaircraft Gun Battery - Emplacement of the Gun; Preparation of the Gun for Firing."
- TF 4-191, "The Antiaircraft Machine Gun Battery - Preparation for Movement; Action on the Road; Emplacement of Gun; Selection of Position."
- TF 11-205, "Safeguarding Military Information - Cryptographic Security."
- TF 1-214, "Airplane Structures - Control Surfaces."
- TF 1-222, "Small Arms Ammunition - Fifty, Thirty, and Forty-Five Caliber Cartridge."
- TF 4-240, "3-Inch Antiaircraft Artillery Gun Battery - Movement into Position; Placement of 3" Gun M3 on M2A2 Mount."
- TF 4-241, "3-Inch Antiaircraft Artillery Gun Battery - Preparation of M3 Gun for Firing."
- TF 4-242, "3-Inch Antiaircraft Artillery Gun Battery - Fire Control Equipment."
- TF 4-243, "3-Inch Antiaircraft Artillery Gun Battery - Drill of the Gun Section; Service of the Piece".
- TF 4-244, "3-Inch Antiaircraft Artillery Gun Battery - Movement out of Position; March Order."
- TF 4-278, "The AA Automatic Weapons Trainer."
- TF 4-280, "The Reconnaissance Scout."
- TF 1-312, "Airplane Structures - Static Test."
- TF 7-318, "Platoon Scouts."
- TF 11-325, "Safeguarding and Proper Handling of Classified Material."

TF 25-346, "Steel Rule."
TF 25-347, "Micrometer."
TF 25-348, "Fixed Gages."
TF 25-349, "Vernier Scale."
TF 25-350, "Height Gages and Standard Indicator."
TF 11-382, "Know Your Enemy."

New Film Strips Released:

FS 1-22, "Principles of Liquids and Gases."
FS 3-8, "Nomenclature and Air Flow System, The Horse Gas Mask, M4 and M5."
FS 3-14, "The Portable Chemical Cylinder."
FS 8-28, "The Roller Bandages (Four Tiled, First Aid Packet, Figure of Eight, Crossed (One Eye) and Crossed (Both Eyes))."
FS 8-30, "Triangular Bandages (Face and Jaw Wounds)."
FS 8-31, "Roller Bandage (Face and Jaw Wounds)."
FS 8-32, "Extra-Oral Traction Appliances (Wooden Tongue Depressor Traction and Metal Coat Hanger Traction Appliance)."
FS 8-33, "Clearing of Air Passage (Face and Jaw Wounds)."
FS 8-34, "Intra and Extra Oral Splints."
FS 10-66, "Electrical Tune-Up."

XIX

SIGNAL CORPS SCHOOL

Largest in History:

Their projected expansion quotas already half-filled, the various departments of the Signal Corps School gave instruction during March to the largest number of students in the history of the school.

AWS Officers Report:

Preparatory to duty in the various branches of the Aircraft Warning Service, 100 student officers reported March 16 at Harvard University for an extensive three-months' refresher and advanced course in electronics. The students were selected from the January-March class, the March-May class and the Signal Corps Officer Replacement Pool. Requisite for the course is a background in radio and electronics.

Advanced Officers' School:

Twenty signal officers in air force and ground force units in captain and field grade reported during the month for the initial session of the Advanced Officers' School. The purpose of the advanced course is to instruct specially selected officers in subcourses appropriate to qualify them to command tactical Signal Corps units of battalions or larger and to serve as signal officers for tactical units.

The duration of the course provides for 12 weeks of instruction which is conducted each week day for eight hours. Air force and ground force officers are instructed in the following subcourses for approximately the number of hours shown:

Maps and Symbols	6
Motor Transportation	16
Agencies of Signal Communication	12
The Tactical Signal Officer and Signal Unit Commander	24
Development of Field Signal Orders	40
Training Management	32
Commercial Telephone and TWX Service	20
Wire and Radio Communication	<u>110</u>
Total (common subcourse)	260

Specialist subcourses for air force signal officers are:

Organization, Tactics, and Signal Communication of the Air Force Combat Command	70
Signal Supply and Repair	12
Tactical Application of Signal Communication for the Air Force Combat Command	<u>178</u>
Total	260

Specialist subcourses for ground force signal officers are:

Organization, Tactics, and Signal Communication of the Ground Forces	70
Signal Supply and Repair	12
Tactical Application of Signal Communication for the Ground Forces	<u>178</u>
Total	260

The next session of the Advanced Officers' School is tentatively scheduled to start June 1.

Sixty-five officers were graduated March 16 from the December-March company officer class. Graduation of 150 officers from the January-April group, including recent graduates of the Officers' Candidate Department who are receiving specialist training, is scheduled for April 20. The 150 members of the March-June class will be graduated June 2.

Three division signal company cadres, staffed by members who were recently graduated from the division signal company officers' cadre course, are located at Camp Barkley, Texas; Camp Jackson, South Carolina; and Camp Claiborne, Louisiana. Six other division signal company cadres and one construction company cadre are now receiving training at the school.

Plans are completed to afford instruction and provide housing facilities for 800 officer students in the Signal Corps School. There are over 400 officer students in the school at the present time.

Officers' Candidate School:

In an attempt to meet the urgent need for well-qualified Signal Corps officers, the Officers' Candidate School enrolled its largest class, 822 enlisted men, on March 9. A group of 1,000 candidates will enter on April 14, and tentative dates for new classes of 1,000 candidates are May 15 and June 16. Starting May 15, sections of approximately 1,000 men will enter every month as pros-

pective 2nd lieutenants, Army of the United States.

To date, 686 officers have completed the Officers' Candidate course in three different classes. At the present time 1,233 candidates are receiving instruction in the school.

The three months' course is intended to teach the candidates efficient administration, training and operation of tactical units. The subjects covered include: Army Organization, Administration, Drill, Military Courtesy, Map Reading, Mess Management, Weapons, Practical Electricity, Wire and Radio Communication, Tactics and Technique of Signal Communication, Military Law, Training Methods, Defense Against Chemical Attack, Signal Supply Motor Transportation and related subjects.

Warrant officers and enlisted men for the Officers' Candidate School are selected by commanders of the field forces, corps area, department and replacement training center commanders. They are chosen on the basis that they have demonstrated outstanding leadership and possess technical and educational qualifications and personnel characteristics required for officers.

Aircraft Warning Department:

With workmen rapidly pushing to completion 11 additional buildings to permit the expansion of the Aircraft Warning Department to include 800 technician students, regular classes have been continuing for the present 400 enrollment on a 24-hour day basis. Two shifts are receiving instruction in maintenance and one in operation. Students at the school include 200 enlisted men, 120 civilians, and 80 officers.

Camp Murphy School:

Work has been started at Camp Murphy, Hobe Sound, Florida, on a joint school for the training of Signal Corps and Coast Artillery personnel in the maintenance of radio detection equipment. The new school will have a planned capacity of 3,250 enlisted and 355 officer students.

Enlisted Men's Department:

Showing a rapid growth each month toward its projected capacity of 3,724 men, the enrollment of the Enlisted Men's Department increased to over 2,500 during March. The radio division has been expanded 100 percent while 25 percent less students are receiving instruction in the wire division.

Code Clerks' School:

The Advanced Code Clerks' School, which was taken over from the Replacement Training Center last December, has been transferred back to its original place, but a three-month Cryptanalytic Code Clerks' course is being taught in the Enlisted Men's Department.

Permanent Personnel Compared:

Permanent personnel in the offices and departments of the Signal Corps School on February 28, 1942, as compared with December 31, 1941, is shown below:

	Officers	Enlisted Men	Civilian	Total
Administrative personnel	8	7	6	21
Officers' Department	66	55	10	131
Officers' Candidate School	54	22	15	101
Aircraft Warning Service	12	26	15	53
Enlisted Men's Department	19	291	4	314
Dept. Training Literature	12	0	3	15
Print Shop	0	22	28	50
Total for February 1942	171	423	61	685
Total for December 1941	108	257	59	424

PROCUREMENT

Co-Operative Planning Program:

High-lighted among the current activities of the Procurement Planning Section is the study of problems of procurement of Signal Corps items which have been designated for investigation by the Communications Production Advisory Board, which was set up in January of this year.

The purpose of the Board as stated is to "facilitate cooperation between the Signal Corps and the industry in increasing and accelerating production of communications equipment and to provide means, through special committees of the Board, to overcome promptly by direct action any obstacles which might delay production."

The membership of the Advisory Board, which is headed by the Chief Signal Officer, is made up of representatives of the principal communications manufacturing companies and a member of the Communications Unit of the War Production Board. Six functional committees have been set up, and their respective activities are reported to the Board through the Co-ordinating Committee, which has been established as an intermediate or control unit. Committee No. 5 is designated "Procurement Planning and Critical Materials Committee." It is constituted as follows:

"The Procurement Planning and Critical Materials Committee will cooperate with the Signal Corps in the development of future procurement plans. Through sub-committees it will make special studies and submit reports concerning critical items and materials including tubes, insulating materials, quartz crystals, dynamotors, cordage, variable condensers, and explosive controls." Accordingly these sub-committees have been established as follows:

- Amplidyne & Selsyn Equipments
- Cord and Cordage
- Dynamotors
- Electrical Measuring Equipment
- Quartz Crystals
- Steatite
- Tubes, transmitting and receiving

Exhaustive procurement studies have been undertaken which

will include:

Investigation of industrial capacity;

Considerations of Navy and Air Corps signal requirements;

Determination of plant facilities and of the supply status regarding critical materials for the overall requirements of important components;

Investigation of the possible effects of a shortage of productive capacity on the output of communications items of specific types;

Methods of determining statistical data on plant load -- whether this should be obtained for the required information.

Determinations of the most effective means whereby the Signal Corps can cooperate with manufacturers to consolidate the present plant load and shipping schedules on a straight-line production basis.

The first of the sub-committees to be activated was the Electrical Measurement unit. At its initial meeting held in Chicago on March 3, 1942, consideration was given to planning for procurement to include the following features:

Classification of instrument types:

Classification to be in accordance with production considerations in order that types representing similar or identical production problems may be grouped together. Attention was given to the fact that certain parts are common to one or more classifications and can be fabricated and placed in stock to facilitate continuous-line production.

Optimum plant capacity for each type

Load distribution by types of maximum production efficiency

Present total production capacity by companies and capacity anticipated by September 1, 1942 (units weekly)

Possible conversion of similar industries to assume portion of peak loads

Procurement of jewel bearings.

Consideration was given to continued use of glass bearings in certain types of instruments as substitutes for sapphire bearings.

Findings of Meeting:

The findings of this meeting indicate: (1) that industry should be furnished with requirements according to definite classification; and (2) that the Signal Corps should have accurate knowledge of plant capacities to be furnished by industry in order to work out an effective allocation to meet defense production.

The Quartz Crystal Sub-committee, at its initial meeting on March 6, likewise considered classification as a primary step in coordinating with industry. As in the case of Electrical Measuring Equipment, this is directed toward distribution of types among manufacturers to achieve maximum production efficiency.

Certain technical aspects of crystal grinding were discussed, and it was decided that the proposal for establishing central cutting plants was impracticable, due to the special methods of cutting which are employed by each company.

The goal of increased production of quartz crystals is one of the most urgent of the procurement planning problems at this time, and the organized cooperative effort of the Signal Corps and industry constitutes an effective mechanism through which the desired maximum production may be attained.

The agenda being prepared for study in connection with the other items on the Committee program will follow closely the principles of aligning definite types of equipment with the productive facilities best equipped to maintain the straight-line output at a maximum delivery rate.

The extensive data already accumulated on the items of equipment listed for study will serve as a nucleus in preparing recommendations for the accelerated procurement plans. Further considerations will include simplification of types wherever practicable, conversion of similar industries where this is feasible to maintain peak-load production, and the use of substitute materials where impending shortages are indicated in several critical classifications.

In the field of steatite-based insulators, some conversion of the porcelain industry already has been effected, and study is being made of various synthetic materials to determine the adequacy of their insulating properties for specific uses.

The stop order on the manufacture of radios which has been issued by the War Production Board has thrown certain tube items on the market, and the materials and facilities made available by the order constitute additional factors in planning for increased volume of procurement of communications equipments.

The functional set-up of the Communications Production Advisory Board is in accord with the advance planning effort of the various procuring agencies to expedite the production and delivery of war materiel. The cooperation with industry, upon which the basic procedures of the Board are organized, and under which the researches assigned to the Procurement Planning Section are being carried out, is uniformly directed toward an all-out objective of either defensive or offensive warfare -- which may be dictated by the President's policies of National Defense.

Production Expediting Progress:

During the past month, the Production Expediting Section has found it necessary to add to its staff a second instructor for incoming trainee expeditors. This relieves the former resident instructor to contact the expeditors already in the field, including the 58 who have passed through the training classes, to assist them in their problems and obtain first hand information to reinforce the training program now in effect at the Washington section.

The regional plan for the expeditors of the Production Expediting Section is now in full effect. Six geographic centers have been set up, with central expeditors in Washington and central expeditors at the geographic centers who have charge of the field expeditors actively contacting the industrial plants under their supervision.

The Production Expediting Section has also added a subsection of industrial specialists who lend assistance to the work of expediting in fields which require their highly technical knowledge.

TECHNICAL COMMITTEE

Recommendations to TAG:

The Signal Corps Technical Committee made recommendations to The Adjutant General as follows during the month ending March 15, 1942:

That Military Characteristics be adopted for items as follows:

Camera PH-270:

This item is a professional thirty-five (35)mm motion picture camera with a minimum of flutter and suitable for mounting a sound recording system. This item is part of Single System Sound and Picture Recording Equipment used by The Signal Corps Photographic Companies. The camera is operated from a 12-volt storage battery and the entire equipment is extremely portable and requires no other source of power.

Recorded PH-271 (Sound, Motion Picture):

This item is a professional thirty-five (35)mm sound recording system with a minimum of distortion suitable for news reel type sound recording. This recorded cannot be used without the Camera PH-270 but sound records can be made independent of picture records with a combination of recorder and camera. This item consists of a lamp, a galvanometer, a microphone, an amplifier, and all necessary accessories for the recording of sound.

Radio Set SCR-601:

This item is a portable ultra high frequency radio range equipment similar to the SCR-277. This equipment is to be portable either by the military aircraft of the bombardment type or truck. It is to be of the visual type with aural transmission incorporated, and to cover the frequency range of Radio Sets SCR-264 and SCR-522 with sufficient power to work an effective range of 100 miles at 10,000 feet or higher. It is to be used by airplanes returning to landing fields.

Rectifier RA-36:

This item is an electronic rectifier with a field of

regulation capable of charging a number of storage batteries at a 12 ampere charging rate. It is already being issued as a component of standard items Telephone Central Office Sets TC-1 and TC-2.

Maintenance Equipment ME-13:

This item consists of a group of commercial items to be used in the alignment and general testing of transmitting and receiving equipment of Radio Sets SCR-509, 510, 609, and 610. All instruments will derive their power from a self-contained DC supply. The component parts of this equipment consist of electronic voltohmmeter, oscillator, tools, accessories and chest.

Message Pick-Up Equipment RC-87-() and RC-88-():

This item is a commercial item developed by All American Aviation, Inc., for use by the Army in transferring messages from ground troops to airplanes. This equipment known as Air Pick-Up Kit 1 by All American Aviation, Inc. is assigned RC-87-() for ground and RC-88-() for airplane.

Blower PG-62:

This item is a powder insecticide blower, No. 8 Dandy, or equal. It is portable, hand operated and used for dusting powder on pigeons to exterminate vermin. It is capable of holding $\frac{1}{2}$ -pound of insecticide powder.

That items be classified as required type, development type, service test type as follows:

Message Pick-Up Equipment RC-87-() and RC-88-():

As above described.

That items be standardized as follows:

Rectifier RA-36-():

As above described.

Maintenance Equipment ME-13:

As above described.

Camera PH-270:

As above described:

Recorder PH-271 (Sound, Motion Picture):

As above described.

Blower PG-62:

As above described.

Maintenance Equipment ME-7:

This equipment was originally intended to be a component of Telegraph Printer Sets EE-98 and EE-97 but was later amplified to furnish necessary quantities to maintain fifteen (15) telegraph printer sets. The components of this item consist of standard commercial parts and Chest CH-69.

Radio Set SCR-593-():

This item is a radio receiving set to be used for reception of alert or warning orders and messages by Antiaircraft Regimental, Battalion and Battery Headquarters and by Searchlight and Automatic Weapon Platoons. It is of such size and weight that it can be carried by one man and can be operated either on the ground or in a moving vehicle. The power supply is self-contained. Four pre-tuned frequencies are readily available by push button from front panel of the receiver. The frequency covers part of the bands of both SCR-543 and SCR-284.

Cup PG-61:

This item is a metal drinking cup, 12 ounces capacity with a handle. It is a Montgomery Ward product with Catalog No. 86A1701 or equal.

Projector Equipment PH-132:

This equipment consists of a group of commercial items equal or equivalent to Bausch and Lomb Products. It consists of a combined Balopticon, with integral blower cooling system. It will project film strips, lantern slides and opaque objects. Included are an opaque object holder, slide holder, film strip holder, a tilting device, projector base, projection screen, carrying case and accessories.

Relay Unit BE-84-() Teletype, Trunk):

This item is a universal type applique unit used to connect trunks to commercial TWX Systems. The function of this unit

is to receive polar signals from the commercial line and transmit them as neutral signals to Switchboard BD-100 and vice versa.

That items be reclassified from Standard to Limited Standard:

Timer PH-191:

This item is used to check flash and shutter synchronization of the Mendelsohn speed gun on Speed Graphic and other cameras. Due to the fact that the Mendelsohn speed gun is being replaced by the Folner Graflex Synchronizer and that this Timer will not work satisfactorily with this new item, it is being reclassified to Limited Standard and will be replaced by Camera PH-47-E.

Actions Approved by TAG:

The Adjutant General approved recommended actions as follows:

That Military Characteristics be adopted for items as follows:

Message Pick-Up Equipment RC-87-() and RC-88-():

As above described.

Flag Set M-238 (Tank):

This item is a simple, sure means of communication between units of the Armored Force. It consists of: 1 each Flag MC-273 (Red); 1 each Flag MC-274 (Orange); 1 each Flag MC-275 (Green); 1 each Case CS-90 (Flag Set); 3 each Flagstaff MC-270. The flags are 18 inches square and made from material properly treated for use by the Armored Force.

That items be classified as required type, development type, service test type as follows:

Message Pick-Up Equipment RC-87-() and RC-88-():

As above described.

That items be standardized as follows:

Wire Thrower RL-37:

This item is a unit which can project Field Wire

(W-110 or W-110-B) from a vehicle traveling up to 30 m.p.h. Wire may be projected any distance up to 75 feet on either side of the wire laying vehicle. Wire can be recovered by it up to speeds of 10 m.p.h.

Cable WC-548 (Spiral Four):

This cable consists of four conductors, twisted spirally, which will provide two talking channels and four telegraph channels, when utilized with the necessary terminal equipment.

Message Book M-210:

This message book consists of 25 sets of message forms in triplicate for regular use, 3 sets in duplicate for pigeon use, and 8 sheets of tracing paper.

Anchor AH-1:

This item is a guy, cast iron, cone shaped, 8 inches diameter with $7/8$ inch hole for $1/2$, $5/8$, or $3/4$ inch anchor rod, which is not included. Used for fastening pole guys.

Anchor Rod AH-6-A:

Galvanized iron, $5/8$ inch by 8 feet, one end with drop-forged special eye which does not require the use of a thimble. The other end has threads and nut but does not include washer.

That items be reclassified from Standard to Limited Standard:

Message Book 105-A:

Message Book M-210 has been standardized and will replace M-105-A. As existing stock is depleted it will be replaced by Message Book M-210.

Signal Lamp Equipment EE-10-B:

Signal Lamp Equipment EE-84 is considered a suitable replacement for this item.

That items be reclassified from Limited Standard to Obsolete:

Signal Lamp Equipment EE-10 and EE-10-A:

Signal Lamp Equipment EE-84 is considered suitable as a replacement for this item. The component parts of equipment on hand will be used with other Signal Lamp Equipment.

MILITARY PERSONNEL

Relative Rank List:

A list of all officers assigned to Signal Corps duty in order of their relative rank has been prepared and distributed. This is the first such list which has been made available. It is proposed to issue a similar corrected list in approximately two months, cross-referenced to a list showing all Signal Corps officers arranged in alphabetical order.

Casualty File:

A file of all casualties of military personnel assigned to Signal Corps duty has been started in the Military Personnel Division.

Affiliated Units:

Action has been initiated to have all Signal Corps units which are scheduled for activation affiliated with the Bendix Radio Corporation, General Electric Company, RCA Manufacturing Company, or the Westinghouse Electric and Manufacturing Company in order to provide better-trained cadres for these new units.

Radio Officers:

Action has been initiated to provide a "rotating" training program which would involve assigning newly-commissioned officers to station at General Electric Company factories and laboratories for training in radio equipment and later assignment to troop units.

Pre-Service Training:

Action has been initiated to enlist civilians in the Enlisted Reserve Corps for training in various civilian schools under the jurisdiction of the National Education Committee and for assignment to the Signal Corps upon induction. These civilians are to be trained as radio electricians, radio operators, linemen, telegraph printer operators, instrument repairmen, telegraph printer maintenance men, switchboard installers, and cable splicers.

National Association of Broadcasters:

Action was initiated to have men who have been trained by the National Association of Broadcasters assigned to the Signal Corps.

Reclaiming Physically-Disqualified Officers:

The names of 225 officers were sent to the Surgeon General for reconsideration. They had been previously disqualified for duty on the basis of minor physical defects.

Conferences:

Conference regarding Affiliated Units.

Conference with chiefs of all Divisions, Operations Branch, regarding a revised training program to meet personnel needs for The Aircraft Warning Service.

Conference with Dr. Barrows of M.I.T., regarding procurement of personnel.

Conference with Chief, Administrative Branch, with reference to affiliated photographic units.

Signal Corps Casualties:

Lt. Col. William H. Murphy, (O-6835)-----Killed in action, Far Eastern Theater on Feb. 3, 1942.

Lt. Col. Raymond Stultz, (O-168811)-----Died natural death due to complications resulting from cerebral abscess and meningitis.

Capt. Henry Stanley Wilson, (O-246336)---Died or captured at Wake Island.

1st Lt. Frederick L. Kohler, (O-24597)---Died March 14, 1942 in airplane accident.

2nd Lt. Harold Walker Fraser (O-427435)--Died January 5, 1942 in airplane accident.

Promotions:

The following promotions have occurred among Signal Corps personnel in approximately the past month:

Colonel (Temporary) to Colonel:

Crawford, D. McL.

Lieutenant Colonel to Colonel (Temporary):

Bush, Geo. P.
Clark, Thos. L.
Daw, W. J.
Dilley, Murray B.
Elder, E. V.
French, Edward F.
Gillespie, F. T.
Gillette, Melvin E.
Haskell, James B.
Hildreth, Raymond C.
Huston, H.
Lawton, Kirke B.
Meade, F. C.
Miller, Fred G.
Reeder, William O.
Rives, Tom C.
Schlenker, D. C. G.
Simpson, Clyde V.
Thompson, Gilbert L.
Willard, Robert A.

Major to Lieutenant Colonel:

Beardsley, H. S.

Major to Lieutenant Colonel (Temporary):

Anderson, P. A.
Andrews, F. P.
Ankenbrandt, F. L.
Barton, D. B.
Brown, C. B.
Cleaves, H. H.
Doud, H.
Elward, N. K.
Garland, E. B.
Gilbert, W. B.
Green, J. W., Jr.
Hammond, M.
Johnston, W. P.
Kunesh, F. W.
Larow, W. B.
Maude, R. C.

Major to Lieutenant Colonel (Temporary):

McGrail, A. J.
Mearles, W. J.
Myers, L. J.
Richon, G. L.
Sawyer, J. A.
Schaal, F. J.
Skinner, E. L.
Stone, C. H.
Todd, J. R.
Topping, W. A.
Walsch, E. F.
Wood, O. W.

Captain to Major (Temporary):

Adams, N. I., Jr.
Bannister, M. W.
Blencoe, S. G.
Braunwarth, W. W.
Brumbaugh, J. C.
Cain, B. B.
Cattilini, E. E.
Cook, Earle F.
Cushman, C. D.
Davis, F. W.
Dunn, J.
Evans, C. W., Jr.
Fell, Chas. F.
Fields, L.
Foreen, H. V.
Freeble, T. V.
Fronk, J. M.
Greene, G. G.
Hauge, C. J.
Herrick, L. W.
Hertzberg, R. C.
Hurff, J. L.
Kaiser, G. B.
Kalisch, B.
Lindsay, W. W.
Little, W.
Lowdermilk, L. G.
Lowe, R. C.
Lucke, C. B.
Makley, L. W.
Mandelbaum, A. J.
Maylon, C.

Captain to Major (Temporary):

Mathews, J. B.
McConaghy, L. B.
McCrary, Arthur A.
Mixon, H. W.
Monahan, J. C.
Morley, A. R.
Mower, N. L.
Newlin, D. A.
Nicholls, H. C.
Olin, Chas. L.
Parks, G. K.
Pitcher, T. A.
Pollock, R. D.
Pratt, F. G.
Roano, J. P.
Rockwell, R. B. H.
Saari, L. V.
Schukraft, Robert E.
Schwartz, M. S.
Shaffer, L. J.
Shidel, F. C., Jr.
Sidwell, L. W.
Sinkov, A.
Snyder, N. C.
Snyder, R. K.
Stearns, H. C., Jr.
Turner, Albert, Jr.
Turpin, Wm. E.
Urhane, Francis F.
Vanderblue, C. S.
Wagner, H. H.
Wright, H. A.
Zermuehlen, H. W.

First Lieutenant to Captain:

Haspel, R. B.
Peot, J. J.

First Lieutenant to Captain (Temporary):

Abramovich, M. N.
Angster, R. E.
Anselm, W. F.
Anthony, K. G.
Askew, J. M.
Atkins, W. F.

First Lieutenant to Captain (Temporary):

Atkinson, E. J.
Aurell, V. C.
Backus, W. A.
Baird, J. B.
Basler, D. E.
Batsonne, J. K.
BeLieu, K. E.
Bergman, E.
Bishoff, T.
Bissell, G. E.
Borsuk, S.
Bowers, Albert V.
Brady, F. E.
Bunton, G. R.
Cain, H.
Callen, H. H.
Cannon, W. J.
Christofks, R. K.
Coblentz, R. C.
Coffey, F. J.
Collins, T. B.
Colvin, L. D.
Commess, W.
Cottony, H. V.
Craig, J. F.
Crumly, H. F.
Danforth, H. A., Jr.
Daughtery, C. S.
Dennison, R. W.
Derbyshire, L. G.
Dickerson, F. W.
Doyle, F. W.
Duke, W. H.
Duncan, D. R.
Dunlap, C. R.
Durst, R. T.
Earhart, H. T.
Earl, E. O.
Eaton, L. G.
Ellis, R. F.
Ensmann, B. J.
Fay, C. J.
Flashman, J. D.
Flugum, E. N.
Flynn, E. P.
Franzoni, F. R., Jr.
Frey, R. E.

First Lieutenant to Captain (Temporary):

Fried, M.
Friedrich, V. L.
Fries, P., Jr.
Fulton, T. J.
Gale, C. S.
Gibbs, H. F.
Grant, J. W.
Graves, D. C.
Gray, A. M.
Greenfield, E. T.
Harold, O. V.
Harrison, C. T.
Hazeltine, A. V.
Hilcken, J. A.
Hoganson, L. O.
James, W. L.
Jennings, C. M.
Jennings, W. E.
Johnson, B. G.
Johnson, H. C.
Kern, G. F.
Kilgo, M. M.
Killam, L. V.
Kirk, J. D.
Klinger, C. D.
Knox, H. E.
Koerner, E. A.
Kohlerman, F. L.
Lambert, S. F.
Lamerson, R. F.
Lindgren, G., Jr.
MacDonald, W. R.
MacDougall, T. R.
Matteson, J. N.
Mauborgne, B. P.
McArthur, B. M.
McCarville, A. J.
McDougle, D. B.
Mellinger, P. S.
Meyers, R. A.
Millican, W. T.
Misener, G. C.
Montgomery, W. C.
Moseley, F. L.
Murray, T. J.
Newhouse, A. B.
Nicholas, J. V.

First Lieutenant to Captain (Temporary):

Osborne, E. H.
Osborne, E. K.
Osmundson, W. O.
Panchi, L.
Penney, D. E., Jr.
Peppersock, B. R.
Post, P. G.
Preston, J. G.
Price, H. G.
Ragle, A. L.
Ramer, L. G.
Ramsey, J. W.
Redmond, L. B.
Rivers, W. H.
Rodgers, S. T.
Rosen, L.
Ross, T. P.
Scott, R. C.
Sheffield, C. D.
Simms, P. W.
Smith, E.
Smith, H. A.
Southworth, E. E.
Tallman, S. V.
Thomas, H. S.
Timmerman, H. E.
Toft, D. O.
Ulans, R. I.
Vaughan, J. S.
Vendes, W. H.
Waller, R. O.
Walschmidt, W. H.
Weldermuth, J. I.
Wester, J. A.
White, H. E.
White, K. C.
Wiegraffe, J. L.
Williams, R. E.
Yarbrough, H. B.

Second Lieutenant to First Lieutenant:

Lauterbach, W. M.

Second Lieutenant to First Lieutenant (Temporary):

Adams, R. W.
Althouse, J. W., Jr.

Second Lieutenant to First Lieutenant (Temporary):

Anton, W. B.
Applegate, C. O.
Armscy, J. W.
Armstrong, D. E.
Backer, B.
Bain, B. T.
Barley, E. S.
Barton, D. L.
Bates, C. H., Jr.
Baumann, P. A.
Bengel, L. W.
Blackman, R. F.
Blasingame, B. P.
Bock, L. S.
Boymton, E. P.
Bright, W. D.
Brockman, S. E.
Brown, S. B.
Brown, T. W.
Brown, W. N., Jr.
Carlisle, G.
Carroll, H. A.
Carson, J. R.
Case, S. R.
Cayce, F. W.
Cera, J. C.
Chandler, E. V.
Chapman, F. R.
Chilton, F.
Chittendon, T. R.
Clark, F. W., Jr.
Clink, J. J.
Coburn, C. O.
Coburn, W. N.
Collar, H. W.
Cook, J. C.
Cooley, V. E.
Cooper, C. F.
Cooper, G. K.
Cox, L. L.
Crouch, A. C.
Czajkowski
Daughton, Glenn B.
Dial, R. E.
Dickey, W. B.
Dimock, W. B.
Doney, R. J.

Second Lieutenant to First Lieutenant (Temporary):

Doten, C. W.
Downing, R. F.
Driscoll, J. A.
Drury, J. W.
Ebersol, E. T., Jr.
Edstrom, C. A.
Edwards, C. H.
Eggiman, E. L.
Evans, J. O.
Farrell, T. J., Jr.
Fechter, W. J.
Ferguson, J. S.
Ferretti, T. C.
Fischer, L.
Flint, G.
Foley, W. J.
Ford, J. C.
Fox, J. E.
Garmany, J. B.
Gaskill, A. L.
Gerhard, C. E.
Getting, E. L.
Giles, J. E.
Glaser, C. E.
Gonseth, Kenneth M.
Glassow, F. A.
Gore, J. P.
Gravelle, G. C.
Graves, C. W., Jr.
Gravin, J. H.
Gray, F. F.
Green, J. M.
Grimos, T. B.
Grimmer, G. G.
Gunn, J. E.
Guy, C. W.
Hall, R. R.
Hannsen, S. T.
Harper, J. C.
Harrington, A. W., Jr.
Hart, J. L.
Hartmann, F. W., Jr.
Hartwill, G. C.
Hausen, J. I.
Hawkins, J. E.
Hays, F. J.
Heffner, E. W.

Second Lieutenant to First Lieutenant (Temporary):

Henson, H. W.
Herbig, E. T.
Herelko, F. E.
Herrin, K.
Hinchliff, H. T.
Hineline, E. C.
Heppner, B. C.
Holman, C. H.
Holmes, F. J.
Holmes, R. C.
Holt, H. F.
Hood, H. R.
Hopkins, L. A.
Horsey, E. J.
Houghton, C. K.
Hughes, Thos. K.
Hull, A.
Humes, W. A.
Jetti, A. H.
Johnson, K. T.
Johnson, R. D.
Johnson, R. M.
Jones, D. B.
Jones, E. G.
Jones, R. P.
Joseph, J. L.
Kane, L. P.
Koebaugh, D. R.
Keller, R. S.
Kelly, C. A.
King, R. B.
Kinney, H. A.
Knight, E. E.
Kohler, Frederick L.
Koons, G. R.
Krimball, J. B.
Kyer, F. E.
Lansford, W. A.
Leon, R. E.
Liggett, J. C.
Lipman, A. I.
Long, R. W.
Lott, Herbert
MacNamara, J.
Manley, T. N.
Mann, B. W.
Marberry, J. D.

Second Lieutenant to First Lieutenant (Temporary):

Marshall, F. M.
Marston, E. D.
Martin, J. F.
Marzolf, J. M.
Matteson, J. N.
McDonald, H. M.
McDonald, W. F.
Merle, L. V.
Merrill, R. L.
Minnick, A. E.
Molesky, W. F.
Morea, J. W.
Morris, G. W.
Morris, W. E.
Murray, R. R.
Neufield, E. E.
Neufield, I. C.
Neumunz, G. M.
Nowbury, K. H.
Newman, H. L.
Newman, J. T.
Newton, F. C.
Palmer, C. B.
Palmer, J. H.
Parker, L. S.
Perkinson, J. J.
Perry, H. R.
Perry, V. M.
Picklow, A. T.
Piscop, Jordan
Pomeroy, P. S.
Pope, R. F.
Probst, C. O.
Pynn, T. E.
Quashnock, E. J.
Quigley, J. F.
Randle, R. B.
Read, W. A.
Ready, W. P.
Redman, F. H.
Rhame, R. L.
Rivera, R. Y.
Rodkey, A. L.
Rosen, E. K.
Rowlett, F. E.
Ruffner, G.
Ryscuck, J.

Second Lieutenant to First Lieutenant(Temporary):

Sadler, R. E.
Schauers, C. J.
Scher, G.
Schmitz, J. M.
Scholes, R. B.
Scott, S. L.
Sheridan, E. W.
Shreve, T. S.
Smith, J. L.
Smith, W. P., Jr.
Snowdon, R. F.
Soltz, E.
Somerville, R. L.
Starnes, G. D.
Starr, R. A.
Starr, W. F.
Stevens, J. H.
Stone, P. M.
Swiatkowski, C. T.
Sundermeyer, H. J.
Tankersley, R. E.
Tenney, F. L.
Thompson, H. V.
Tiffany, W. D.
Tosch, R. L.
Trimble, W. E.
Triplett, P.
Tucker, W. A.
Ursprung, A. J.
Vance, W. H., Jr.
Vitt, G. E.
Wadsworth, C. V.
Wallace, C. D.
Watkins, W. R.
Werner, C. J.
Williams, J. D.
Windham, J. R.
Wood, G. F.
Wortsmann, J. M.
Yasbec, S. H.
Yates, D. T.
Zook, R. G.

The following officers were transferred from appointments in the Reserve Corps to appointments in the Regular Army, with the rank of 2nd Lieutenant (Rank from 2-20-42): Bjornsen, W. E., Blasingame, B. P., Raney, M. C.

FUNCTIONAL ORGANIZATION CHARTS

Activities Shown Graphically:

The functional organization charts which follow were prepared by the Executive Control Branch, and are reproduced in this issue of the Signal Corps Information Letter for the information of all concerned.

(See following pages).

THE CHIEF SIGNAL OFFICER

Supervision of methods and techniques of Signal Corps operations. Development, procurement, and issue of Signal Corps equipment and supplies.

BOARDS & COMMITTEES

Civilian Personnel Board, Enlisted Personnel Board, Signal Corps Patent Board, Signal Corps Procurement Committee, Signal Corps Salvage Board, Signal Corps Technical Committee, Signal Corps Contract Appeals Board and Signal Corps Procurement Committee.

ADVISORY COUNCIL

Composed of Signal Corps officers and reserve officer representatives of commercial radio, telephone and photographic businesses. Meets to discuss Signal Corps problems affecting commercial communication business.

DEPUTY CHIEF SIGNAL OFFICER

Advisor and principle assistant to the Chief Signal Officer in the formulation of policies and the supervision of their application and execution. Also exercises supervision of the Executive Control Branch and the Executive Office.

EXECUTIVE OFFICER

Supervision of office organization and procedure.

EXECUTIVE OFFICE

Coordination of the activities of the USSigO.

ASSISTANT TO THE CHIEF SIGNAL OFFICER

EXECUTIVE CONTROL BRANCH

Exercises staff supervision for the Chief Signal Officer. Serves as a central source of information regarding the progress and status of activities. Determines potential sources of difficulties and recommends corrective action.

ADMINISTRATIVE BRANCH

Handles budget and fiscal matters, signal communication intelligence, and office supplies and services. Supervises civilian personnel, publications, and the production of technical manuals. Exercises staff supervision of the training of troops in connection therewith.

FIELD SERVICE

Determines and studies military and technical characteristics of signal equipment and the manufacture thereof; prepares, modifies, and checks allowances. Maintains liaison with other divisions and branches. Coordinates the use of and prepares directives applicable to the use of signal equipment. Maintains records and makes reports on Signal Corps operations in coordination with other divisions and branches. Supervises military personnel and the training of troops and S. C. troops on duty with the Air Force.

SUPPLY SERVICE

Development, procurement, storage, issue, and maintenance of Signal Corps equipment and supplies, and the maintenance of records of the Signal Corps staff organization of the Army Radio System, the operation of the Army Radio System, and the training of troops in connection therewith. Maintains signal intelligence.

EXECUTIVE CONTROL BRANCH

Exercises staff supervision for the Chief Signal Officer. Serves as a central source of information regarding the progress and status of activities. Determines potential sources of difficulties and recommends corrective action.

PROGRESS & STATISTICS DIVISION

Studies data relative to the operations of the Signal Corps. Prepares and maintains graphic charts and other aids to record and demonstrate the status and progress of the various activities of the Signal Corps. Collects and interprets data for historical purposes, regarding operations of the Signal Corps.

EVALUATION & CORRECTION DIVISION

Evaluates, analyzes and interprets reports and charts of S. C. activities. Investigates causes of delay and unsatisfactory performances. Determines potential sources of difficulties and delays and makes recommendations to the appropriate branch or division.

METHODS & SPECIAL STUDIES DIVISION

Develops methods to aid the related operations within or between branches or divisions. Makes special studies as they may arise.

ADMINISTRATIVE BRANCH

Handles budget and fiscal matters, signal communication intelligence, and office supplies and services. Supervises civilian personnel, public relations, and the production of still and motion pictures, and exercises staff supervision of the training of troops in connection therewith.

CIVILIAN TRAINING DIVISION

Exercises staff supervision over training of Signal Corps civilian personnel. Formulates and revises plans and makes recommendations with respect to such training. Supervises processing of approved plans to insure effective operation. Exercises control over funds allotted to civilian training activities.

FISCAL DIVISION

Prepares and defends all budget estimates. Prepares expenditure programs and allots funds thereto. Maintains records of receipts, allotments, obligations, balances and status of funds. Secures reimbursement for the receipt, transfer, or sale of materials. Coordinates the expenditure of special funds. Makes quarterly audits.

CIVILIAN PERSONNEL DIVISION

Administrative control of procurement, appointment, assignment, transfer, classification, promotion, travel and separation of civilian personnel on departmental and field service. Supervision of civilian training programs, payrolls and personnel files. Fiscal reports on civilian personnel activities to the OCSigO.

INTELLIGENCE DIVISION

Supervision of the evaluation, filing and dissemination of all military information sent to the Signal Corps. Disseminates information to other agencies, higher authority, the OCSigO, officers in the field and to the press.

SERVICE DIVISION

Procurement, storage, issue and accountability of office supplies and equipment for the OCSigO. Transportation for OCSigO personnel. Receipt and distribution of mail. General records and files of the OCSigO. Building maintenance and alteration. Allocation of office space. Post-Marshal of Building M.

PHOTOGRAPHIC DIVISION

Procurement, production, filing, storage and distribution of still and motion pictures for training, historical, and publicity purposes for all arms and services. Research, experimental and developmental work on photographic equipment at the Signal Corps Photographic Laboratory.

FIELD SERVICE

Determines and studies military and technical characteristics of signal equipment and the manufacture thereof; prepares, modifies, and checks allowances. Maintains liaison with other divisions and branches. Coordinates the use of and prepares directives pertaining to standard procedures and operational methods of signal equipment. Maintains records and makes reports on branch activities. Makes war plans for Signal Corps operations in coordination with other arms of services, supervises military personnel and the training of troops and S. C. troops on duty with the Air Force.

ADMINISTRATIVE & CONTROL DIVISION

Supervises staff supervision for the Chief of the Field Service. Serves as a central source of information regarding the progress and status of activities. Determines potential sources of difficulties and recommends corrective action.

COMMUNICATION COORDINATION BRANCH

Determines and studies military and technical characteristics of signal equipment and the manufacture thereof; prepares, modifies, and checks allowances. Maintains liaison with other divisions and branches. Coordinates the use of and prepares directives pertaining to standard procedures and operational methods of signal equipment. Maintains records and makes reports on branch activities.

OPERATIONS BRANCH

Makes war plans for Signal Corps operations in coordination with other arms of services, supervises military personnel and the training of officers and men for duty with ground troops and S. C. troops on duty with the Air Force.

COMMUNICATION CO-ORDINATION BRANCH

Determines and studies military and technical characteristics of signal equipment and the manufacture thereof; prepares, modifies, and checks allowances. Maintains liaison with other divisions and branches. Coordinates the use of and prepares directives pertaining to standard procedures and operational methods of signal equipment. Maintains records and makes reports on branch activities.

EQUIPMENT CO-ORDINATION DIVISION

Determines and studies military and technical characteristics and manufacturing problems of proposed items of equipment, and serves in an advisory capacity as to tactical and technical aspects of signal equipment.

ALLOWANCES DIVISION

Prepares and modifies Signal Corps Tables of Basic Allowances, Tables of Allowances, and Tables of Equipment and checks these for Signal Sections of other branches. Passes on requests for unauthorized equipment. Maintains records of distribution of motor vehicles to Signal Corps units, and prepares estimates of motor transportation, ammunition, and fuel requirements of the Signal Corps.

STATISTICS & REFERENCE DIVISION

Compiles, records, and issues reports on tactical and technical data on Army, Navy, and commercial communication equipment and on types and employment of communication equipment in foreign armies. Operates the branch library.

PROCEDURES CO-ORDINATION DIVISION

Maintains liaison with the Training Division, Air Communication Division, and the Navy on matters pertaining to communications. Coordinates the use of Signal equipment by the various using Arms and Services and prepares directives covering standard procedures and operational methods.

OPERATIONS BRANCH

Makes war plans for Signal Corps operations in coordination with other arms of services, supervises military personnel and the training of officers and men for duty with ground troops and S. C. troops on duty with the Air Force.

MILITARY PERSONNEL DIVISION

Supervises the appointment, assignments, promotions, demotions, transfers, retirements and discharges of military personnel. Maintains specialist files and efficiency and personnel records. Coordination with war and mobilization plans.

WAR PLANS DIVISION

War plans, mobilization plans, and tank forces. Tables of Organization. Intelligence studies. Tactical policies and joint communication with navy, air and united nations.

MILITARY TRAINING DIVISION

Supervision of the training of officers and men for duty with ground troops and Signal Corps troops on duty with the Air Force. All home pigeon activities. Meetings, publishing and distribution of fields and technical manuals. Distribution of other pertinent literature. Affiliated units.

A. F. T. DIVISION

War and mobilization plans of operation for Signal Corps officers and men on duty with the Army Air Corps; Tables of Organization. Supervision of the training of officers and men on duty with the Army Air Corps. Planning duties of A. V. S.

SUPPLY SERVICE

Development, procurement, storage, issue, and maintenance of Signal Corps equipment and supplies, and the maintenance of records thereon. Exercises staff supervision of the installation and maintenance of fixed S. C. communications, the operation of the Army Radio System, and the training of troops in connection therewith. Maintains signal intelligence.

ADMINISTRATIVE & CONTROL DIVISION

Exercises staff supervision for the Chief of the Supply Service. Serves as a central source of information regarding the progress and status of activities. Determines potential sources of difficulty and recommends corrective action.

MATERIEL BRANCH

Development, procurement, storage, issue, and maintenance of Signal Corps equipment and supplies, and the maintenance of records thereon.

ARMY

COMMUNICATIONS BRANCH

Exercises staff supervision of the installation and maintenance of fixed S. C. communications, the operation of the Army Radio System, and the training of troops in connection therewith. Maintains signal intelligence.

MATERIAL BRANCH
 Plans and coordinates the material program for the Department of Defense. It is responsible for the procurement, storage, issue, and maintenance of material.

RADAR DIVISION
 Plans and coordinates the radar program for the Department of Defense. It is responsible for the procurement, storage, issue, and maintenance of radar equipment.

GENERAL DEVELOPMENT DIVISION
 Plans and coordinates the general development program for the Department of Defense. It is responsible for the procurement, storage, issue, and maintenance of general development equipment.

SCHEDULING DIVISION
 Plans and coordinates the scheduling program for the Department of Defense. It is responsible for the procurement, storage, issue, and maintenance of scheduling equipment.

PROCUREMENT DIVISION
 Plans and coordinates the procurement program for the Department of Defense. It is responsible for the procurement of material.

STORAGE & ISSUE DIVISION
 Plans and coordinates the storage and issue program for the Department of Defense. It is responsible for the storage and issue of material.

MAINTENANCE DIVISION
 Plans and coordinates the maintenance program for the Department of Defense. It is responsible for the maintenance of material.

LEGAL DIVISION
 Plans and coordinates the legal program for the Department of Defense. It is responsible for the legal aspects of the material program.

ARMY COMMUNICATIONS BRANCH

Supervises staff operations of the installation and maintenance of fixed S.C. communication, the operation of the Army Radio System, and the training of troops in communication operations with National Signal Intelligence.

COMMUNICATION LIAISON DIVISION

Procurement, exchange, processing, coordination and assignment of release of radio frequencies for Army installations and units and communication with Signal Service, regions or agencies the frequency range of all radio equipment prior to its installation. Acts on all regulations and problems reports for fixed wireless and for types of radio for participation of frequency range. Liaison with Signal Service.

PLANT DIVISION

Supervises the installation and maintenance of Signal Service fixed wireless and telephone communications and supervises Signal Service communication facilities.

TRAFFIC DIVISION

Operates War Department Message Center. Supervises the operation of War Department Radio Net, the Alaska Communications System, land line and wire circuits and the communications systems for Army posts, camps, and stations. Supervises the activities of the Army Amateur Radio System. Responsible operation of fixed plant except for air navigation, flight control and fire control.

SIGNAL INTELLIGENCE SERVICE

Supervises and cryptanalysis in connection with Signal Intelligence. Preparation, revision, printing, registering, storing, protecting, and landing of all codes, ciphers and cipher devices. The most codes, ciphers and cipher devices stored in coordination with the Procurement Division. Training of personnel at U. S. I. School.

SIGNAL CORPS FIELD ACTIVITIES
WAR DEPARTMENT OVERHEAD

