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TABLE OF ORGANIZATION AND EQUIPMENT No. 11-500

*T/O&E 11-500

WAR DEPARTMENT,
WASHINGTON 25, D. C., 22 September 1944.

SIGNAL SERVICE ORGANIZATION

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* This table supersedes T/O&E 11-500, 1 July 1943; including C 1, 13 November 1943; C 2, 25 November 1943; C 3, 11 December 1943; C 4, 3 January 1944; C 5, 31 January 1944; and C 6, 15 February 1944.

SIGNAL SERVICE ORGANIZATION

1. Type designations of teams appearing in T/O&E 11-500, dated 1 July 1943, and changes thereto, are superseded as follows:

New type designation:	Old type designation superseded
AA	None
AB	AA
AC	AB
AD	AC
AE	AD
AF	AE
AG	AF
AH	AG
AI	AII
AJ	AI
AK	BA
AL	BB
CA	CA
CB	CB
CC	CC
CD	CD
DA	DA
DB	DB
DC	DC
DD	DD
DE	DE
DF	DF
DG	DG
DH	DH
DI	None
EA	EA
EB	EB
EC	EC
ED	ED
EF	EF
EG	EG
EH	EH
EI	EI
EJ	EJ
EK	EK
EL	EL
EM	None
EN	EN
EO	EO
EP	None
EQ	None
ER	None
ES	None
FA	FA
FB	FB
FC	FC
FD	FD
FE	FE
FF	None
FG	None
FH	None
FI	None
FJ	None
FK	None
GA	GA
GB	GB
GC	GC

New type designation:	Old type designation superseded
GD	GD
GE	GE
GF	GF
GG	GG
GH	GH
GI	GI
GJ	GJ
GK	GK
GM	GM
GN	GN
GO	GO
GP	GP
GQ	GQ
GR	GR
GS	GS
GT	GT
GU	GU
GV	GV
GW	GW
GX	GL
HA	None
HB	None
HC	HC
HD	None
HE	None
HF	HF
HG	HG
HH	HH
IA	IA
IB	IB
IF	None
IG	None
IJ	None
IK	None
IL	None
IM	None
IN	None
IO	None
IP	None
IQ	None
IR	None
IS	IE
IT	None
IU	ID
IV	IC
IW	None
SA	SA
SD	SD
SF	SF
SG	SG
SH	SH
SI	SI
SJ	SJ
SK	SK
SL	SL
SM	SM
SN	SN

INTRODUCTION

1. This table is in accordance with AR 310-60, and it will be the authority for requisition in accordance with AR 35-6540. and for the issue of all items of equipment listed herein unless otherwise indicated. This table rescinds all Tables of Basic Allowances, Tables of Equipment, and Tables of Organization and Equipment heretofore published except T/E 21, Clothing and Individual Equipment, so far as they pertain to the allowances of equipment for the organization and individuals covered by this table.

2. When there appears a discrepancy between the allowances shown in section II, Equipment, column 2, "Allowances" and column 3, "Basis of distribution and remarks," the amount shown in column 2 will govern.

3. Items of clothing and individual equipment, components of sets and kits, spare parts, accessories, special equipment, special tools, and allowances of expendable items, are contained in the following publications:

Army Air Forces.
- Air Corps Stock List.
- AAF Technical Orders of the 00-30-series.

Chemical Warfare Service.
- Army Service Forces Catalogs, CW 1, 3, 5, 6, 7, and 9.
- Allowances of Expendable Supplies, Army Service Forces Catalogs, CW 4-1 and 4-2.

Corps of Engineers.
- Army Service Forces Catalogs, Engr 1-1, 2, 3-1, 3-2, 5, 6, 7, 8, 10, and 11.
- Allowances of Expendable Supplies, Series A.

Medical Department.
- Army Service Forces Catalogs, Med 1, 2, 3, 6, and 7.
- Allowances of Expendable Supplies, Army Service Forces Catalog Med 4.

Ordnance Department.
- Standard Nomenclature Lists (SNL), and Army Service Forces Catalog, Ordnance Supply Catalog, index to which is the Army Service Forces Catalog Ord 2 OPSI.
- Cleaning, Preserving, and Lubricating Materials; Recoil Fluids, Special Oils, and Miscellaneous Related Items, Army Service Forces Catalog Ord 5 SNL K-1.
- T/A 23, Targets and Target Equipment.

Quartermaster Corps.
- T/E 21, Clothing and Individual Equipment.
- Allowances of Expendable Supplies, Army Service Forces Catalog QM 4.
- Components, Spare Parts, Accessories and Contents of Chests, Kits and Sets, and Other Items of Quartermaster Property, Circular No. 4, OQMG.
- Army Service Forces Catalogs, QM 3-1, 3-2, 5-1, 6, 7, and 8.
- AR 30-3010, Items and Price List of Regular Supplies Controlled by Budget Credits and Price List of Other Miscellaneous Supplies.

Signal Corps.
- Army Service Forces Catalogs, Sig 3, 5, 7, and 8.
- Allowances of Expendable Supplies, Army Service Forces Catalogs, Sig 4-1 and 4-2.
- Authorized Signal Corps Parts Lists.

AR 310-200, Military Publications, Allowance and Distribution.

AR 775-10, Qualification in Arms and Ammunition Training Allowances.

4. This section is designed to provide organizations that differ in size and composition depending upon the tactical considerations involved; hence the table is composed of a number of different type battalion headquarters, company headquarters, platoon headquarters, sections, and teams. In consequence of this the "total allowances" are prescribed for the components of each organization instead of the complete organization. The activation order, or reorganization order, or augmentation order for such an organization will indicate the composition of the organization showing the quantity and type of each team.

5. In requisitioning equipment on the basis of this table the team composition of the organization and authority for such composition should be indicated on the requisition in order to facilitate checking of such requisitions by supply depots.

PART I—ADMINISTRATIVE

SECTION I

ORGANIZATION

Designation: †------ Signal Service Group
†------ Signal Service Battalion
†------ Signal Service Company (#)
†------ Signal Service Platoon (#)
†------ Signal Service Detachment (#)

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
				Administration, mess, and motor maintenance												
1	Unit	Specification serial No.	Technician grade	Platoon headquarters	Platoon headquarters separate	Company headquarters	Battalion headquarters	Group headquarters	Mess team	Mess team	Mess team	Mess team	Mess team	Auto mechanic team	Auto mechanic team	Remarks
	Type			AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	
2	Colonel							1								
3	Composite unit commander	2002						(1)								
4	Lieutenant colonel						1	1								
5	Composite unit commander	2002					(1)									
6	Executive	2002						(1)								
7	Major						1	1								
8	Executive	2002					(1)									
9	Supply (S-4)	4010						(1)								
10	Captain					1	1	2								
11	Adjutant	2110						(1)								
12	Composite unit commander	2902				(1)										
13	Orientation	5004						(1)								
14	Supply and transportation	4113					(1)									
15	Lieutenant a			1	1	1	1	2								
16	Adjutant	2110					(b 1)									
17	Athletic and recreation	5661						(1)								

†Insert number of unit.

a Not over 50% of lieutenants may be first lieutenants, within a numerically designated unit.

b Also acts as intelligence officer.

c Grade of motor sergeant is dependent upon the number of motor vehicle equivalents as follows:

Separate battalion headquarters:
Grade 1 for over 100 vehicle equivalents
Grade 2 for 50 to 99 vehicle equivalents
Grade 3 for less than 50 vehicle equivalents

	Type			AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	
18	Composite unit commander	2002		(1)	(1)											
19	Mess, supply, and transportation	4113				(1)		(1)								
20	Total commissioned			1	1	2	4	7								
21	Master sergeant						1	2								
22	Sergeant major	502					(1)	(1)								
23	Supply	821						(1)								
24	First sergeant	502				1										
25	Technical sergeant						3	1								
26	Motor	014					(c 1)									
27	Personnel	502					(1)	(1)								
28	Supply	821					(1)									
29	Staff sergeant			1	1	2	1	1	1	1	1	1	1			
30	Mess	824							(1)	(1)	(1)	(1)	(1)			
31	Motor	014				(c 1)										
32	Platoon	651		(1)	(1)											
33	Supply, assistant	821					(1)	(1)								
34	Supply, company	821				(1)										
35	Sergeant				1											
36	Motor	014			(c 1)											
37	Corporal					1										
38	Company clerk	405				(1)										
39	Technician, grade 4						1	3	1	2	2	3	3	1	1	
40	Technician, grade 5 including				1	3	5	5	1	1	2	2	3		1	
41	Private, first class				1	1	2	3	1	1	2	2	2			
42	Private					1	1	3		1	1	1	2			
43	Armorer and artificer	511	5			(1)										
44	Automobile mechanic	014	4											(1)	(1)	
45	Automobile mechanic	014	5												(d 1)	
46	Bugler	803				(1)										
47	Clerk, general	055	4				(1)	(1)								
48	Clerk, general	055	5				(1)									
49	Clerk, general	055			(d 1)		(1)	(1)								
50	Clerk, mail	056	5					(1)								
51	Clerk, supply	835	5		(1)	(1)	(1)	(1)								
52	Clerk, supply	835						(2)								
53	Clerk, typist	405	4					(1)								
54	Clerk, typist	405	5					(1)								
55	Clerk, typist	405					(1)	(1)								
56	Cook	060	4						(1)	(2)	(2)	(3)	(3)			
57	Cook	060	5						(1)	(1)	(2)	(2)	(3)			
58	Cook's helper	590							(1)	(2)	(3)	(3)	(4)			
59	Draftsman, general	070	5			(1)	(1)	(1)								
60	Stenographer	213	4					(1)								
61	Stenographer	213	5				(1)									

Company or platoon headquarters:
Grade 2 for over 55 vehicle equivalents
Grade 3 for 20 to 54 vehicle equivalents
Grade 4 for 10 to 19 vehicle equivalents
Grade 5 for 5 to 9 vehicle equivalents

d Also drives truck.

Composite units containing separate platoon or higher headquarters cells will be designated in accordance with the highest headquarters used. Each such headquarters unit (with the exception in note (1) below) will be designated separately whether an independent unit or part of an organization such as a battalion. When no headquarters cell is assigned, all teams will be designated † ------ Signal Service Detachment (------). Parenthetical identifications will be used when further identification of a unit is necessary, but will be limited to the predominant function or functions of the unit. (See par. 5, AR 220-5, cs.) Such words in parentheses are not a part of the official designation. Examples are as follows:

(1) A unit consisting of Teams AC, AD, AH and AL would be designated as the Headquarters and Headquarters Company, Signal Service Battalion.

(2) A unit consisting of Teams 3-AA, AC, 6-EG and 6-GQ would be designated as Signal Service Company (Repair).

(3) A unit consisting of Teams AH, 2-DC and DG would be designated as the Signal Service Platoon (Message Center).

(4) A unit consisting of Teams AF and GM would be designated as the Signal Service Detachment (Wire).

(5) A unit consisting of one Team EJ would be designated as the Signal Service Detachment (Radio).

The headquarters units shown are authorized, subject to War Department approval, as follows:

Team AA—For the control of 2 or more teams when an integral part of the company,

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
	Unit	Specification serial No.	Technician grade	Administration, mess, and motor maintenance												Remarks
				Platoon headquarters	Platoon headquarters separate	Company headquarters	Battalion headquarters	Group headquarters	Mess team	Mess team	Mess team	Mess team	Mess team	Auto mechanic team	Auto mechanic team	
	Type			AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	
62	Truck driver	345	5				(1)	(1)								
63	Truck driver	345				(1)	(1)	(1)								
64	Basic	521						(1)								
65	Total enlisted			1	4	9	14	18	4	6	8	9	11	1	2	
66	Aggregate			2	5	11	18	25	4	6	8	9	11	1	2	
67	O Carbine, cal. .30			2	5	11	16	22	4	6	8	9	11	1	2	
68	O Gun, machine, Browning, heavy barrel, cal. .50.				1	1										
69	O Pistol, automatic, cal. .45						2	3								
70	O Truck, ¼-ton					1	1	1								
71	O Truck, ¾-ton, weapons carrier				1	1										
72	O Truck, 2½-ton, cargo					1	1	1								
73	O Truck, 2½-ton, cargo, w/winch													1	1	

Remarks:

except that platoon strength shall not be less than 40 individuals (not required when Teams include commissioned personnel).

Team AB—The equivalent of 2 or more teams, except that the platoon strength shall not be less than 40 individuals.

Team AC—The equivalent of 2 or more platoons, except that company strength shall not be less than 100 individuals.

Team AD—3 to 6 companies.

Team AE—3 to 6 battalions.

Team	*Capacity*	*Mess unit Function*
AF	40 to 100 individuals	Provides personnel and equipment to furnish mess facilities to units or groups of units. Basis of assignment will be on unit or group strength and in accordance with information furnished under "capacity."
AG	101 to 175 individuals	
AH	176 to 225 individuals	
AI	226 to 275 individuals	
AJ	276 to 325 individuals	

Team	*Capacity*	*Motor maintenance units*
AK	15-vehicles	Provides personnel for 2d echelon motor maintenance. Teams in multiple or combination may be used to meet requirements. Information furnished under "capacity" will be used as a guide for normal assignment except the proportion of 1 mechanic per 15 vehicles or major fraction thereof will not be exceeded.
AL	30-vehicles	

For specification serial numbers for officers see TM12-406 and 12-407; for enlisted men see TM12-427.

SECTION II
EQUIPMENT
CHEMICAL

1	2												3
	Allowances												
Item	Platoon headquarters	Platoon headquarters separate	Company headquarters	Battalion headquarters	Group headquarters	Mess team	Mess team	Mess team	Mess team	Mess team	Auto mechanic team	Auto mechanic team	Basis of distribution and remarks
Type	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	
Alarm, gas, M1		1	1	1	1								
Apparatus, decontaminating: 1½-qt capacity, M2		1	3	2	2						1	1	1 per fuel consuming mtr vehicle outside continental US when atzd by T of Opns comdr.
3-gallon, M1			6		1								Outside continental US when atzd by T of Opns comdr.
Curtain, gasproof, M1			2	2	2								2 per sq, co, or similar unit.

1	2												3
	Allowances												
Item	Platoon headquarters	Platoon headquarters separate	Company headquarters	Battalion headquarters	Group headquarters	Mess team	Mess team	Mess team	Mess team	Mess team	Auto mechanic team	Auto mechanic team	Basis of distribution and remarks
Type	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	
Kit:													
Chemical agent detector, M9		1	1	1	1								Outside continental US when atzd by T of Opns comdr.
Repair, gas mask, universal, M8.			1	1	1								1 per gp, per bn, or sep co.
Mask, gas, service, combat, M5-11-7.	2	5	11	18	25	4	6	8	9	11	1	2	1 per indiv (mask, gas, sv, light weight, M3-10A1-6 or M3A1-10A1-6, or mask, gas, sv will be issued in lieu of mask, gas, sv, combat, M5-11-7 as directed by the WD).
Respirator, dust, M2		2	6	4	4						1	2	2 per wheeled fuel consuming mtr vehicle; 1 per indiv regularly assigned to a track-laying vehicle (respirator, dust, M1 will be issued until exhausted).
ENGINEER													
Compass:													
Lensatic, luminous dial type, w/case.			1	2	2								
Wrist, liquid filled	1	1	1	1	2								
Drafting equipment:													
Set No. 1, battalion				1	1								
Set No. 2, company			1										
Net, camouflage, cotton, shrimp:													
22 x 22-Ft			1	1	1								
29 x 29-Ft		1	1										1 per trk, ¼-ton.
36 x 44-Ft			1	1	1								1 per trk, ¾-ton.
Templet, map, plastic transparent, M-2.	1	1	2	4	7						1	1	1 per trk, 1½-ton or larger.

Type	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	
MEDICAL													
Kit, First Aid:													
Gas Casualty		2	6										Outside continental US when atzd by T of Opns comdr.
Motor Vehicle, 12-Unit		1	1	1	1						1	1	1 per 4 fuel consuming mtr vehicles or fraction thereof.
Litter, straight aluminum		1	1	1	1								
ORDNANCE													
Weapons and miscellaneous													
Carbine, cal. .30, M2	2	5	11	16	22	4	6	8	9	11	1	2	1 per indiv not otherwise armed.
Gun, machine, Browning, heavy barrel, cal. .50, M2 flexible.		1	1										
Mount, machine gun, cal. .50, AA, M3.		1	1										1 per MG, cal. .50.
Pistol, automatic, cal. .45, M1911A1.				2	3								1 per fld off.
Watch, wrist, 7 or 15 or more jewel.		1	3	4	4	1	1	1	1	1			Outside continental US when atzd by T of Opns comdr.
Vehicles													
Truck:													
¼-ton, 4x4			1	1	1								
¾-ton, 4x4, weapons carrier		1	1										
2½-ton, 6x6, cargo			1	1	1								1 per colm AC (with ring mount).
2½-ton, 6x6, cargo, w/winch											1	1	1 per orgn including mtr maint team.
Motor transport equipment													
Axe, handled, chopping, single bit, standard grade, 4-lb.		1	3	2	2						1	1	1 per fuel consuming mtr vehicle.
Chain, motor vehicle, tow, 16' long x ⅜" dia.			1	1	1						1	1	1 per trk, 2½-ton, 6x6.
Defroster and Deicer, electric, windshield.		1	3	2	2						1	1	1 per trk outside continental US when atzd by army or T of Opns comdr.

1	2												3
	Allowances												
Item	Platoon headquarters	Platoon headquarters separate	Company headquarters	Battalion headquarters	Group headquarters	Mess team	Mess team	Mess team	Mess team	Mess team	Auto mechanic team	Auto mechanic team	Basis of distribution and remarks
Type	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	
Mattock, handled, pick, type II, Class F, 5-lb.		1	2	1	1						1	1	1 per fuel consuming mtr vehicle except trk, ¼-ton.
Rope, tow, 20' long, 1" dia		1	2	1	1								1 per fuel consuming mtr vehicle under trk, 1½-ton, except mtrcl.
Shovel, general purpose, D-handled, strapback, round point, No. 2.		1	3	2	2						1	1	1 per fuel consuming mtr vehicle.
Tool Set, complete with tools: General Mechanics'		1	1	1							1	2	1 per auto mech (014); mtr sgt (014).
Unit Equipment, Second Echelon:													
Set No. 1											1		1 per orgn w/less than 25 vehicles including mtr maint teams.
Set No. 2												1	1 per orgn with 25 vehicles or more which includes mtr maint teams.
Set No. 4											1	1	1 per orgn which includes mtr maint teams outside continental US when atzd by T of Opns comdr.
Set No. 7											1	1	Do.

QUARTERMASTER

Organizational clothing

Gloves, protective, Impermeable.			6	16	40								
Mittens, asbestos, M-1942		2	2										
Suit, protective One-piece, Impermeable.			4	10	30								2 per MG.

Individual equipment

Type	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	
Bag, Canvas, Field, OD, M-1936.	2	5	11	18	25	4	6	8	9	11	1	2	1 per indiv.
Belt, Pistol or Revolver, M-1936.	2	5	11	18	25	4	6	8	9	11	1	2	1 per indiv armed with carbine or pistol.
Cover:													
Canteen, Dismounted, M-1910.	2	5	11	18	25	4	6	8	9	11	1	2	1 per indiv.
Canvas, Muzzle, Rifle or Carbine.	2	5	11	16	22	4	6	8	9	11	1	2	1 per rifle, cal. .30 or carbine, when atzd by CG, army or outside continental US when atzd by T of Opns comdr.
Pocket, Magazine:													
Double-Web, EM, M-1923				2	3								1 per indiv armed with pistol.
For Carbine, Cal. .30	4	10	22	32	44	8	12	16	18	22	2	4	2 per indiv armed with carbine, cal. .30.
Strap, Carrying, General Purpose.	2	5	11	18	25	4	6	8	9	11	1	2	1 per bag, canvas, fld, od, M-1936 (strap, carrying, bag, canvas, fld, od, M-1936 to be issued until exhausted).
Suspenders, Belt, M-1936	2	5	11	18	25	4	6	8	9	11	1	2	1 per indiv.

Organizational equipment

Axe:													
Handled, Chopping, Single-Bit, Standard Grade, Weight 4-lb.		1	2	1	1								
Intrenching, M-1910, With-Handle.		1	1	1	2	1	1	1	1	1			1 per 10 EM outside continental US when atzd by T of Opns comdr.
Bag:													
Canvas, Water Sterilizing, Porous, Complete, With-Cover-and-Hanger.						1	2	3	3	4			
Delousing			1	1	1					1			1 per 20 indiv or maj fraction thereof in areas where louse borne typhus is high, when atzd by WD.
				or 1	or 1								or 1 per 35 indiv or maj fraction thereof in areas where louse borne typhus is low, when atzd by WD.

1	2												3
	Allowances												
Item	Platoon headquarters	Platoon headquarters separate	Company headquarters	Battalion headquarters	Group headquarters	Mess team	Mess team	Mess team	Mess team	Mess team	Auto mechanic team	Auto mechanic team	Basis of distribution and remarks
Type	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	
Bucket:													
Canvas, Water, 18-Qt		1	3	2	2						1	1	1 per fuel consuming mtr vehicle.
General-Purpose, Galvanized, Heavy-Weight, Without-Lip, 14-Qt, Capacity.						2	2	2	2	2	1	1	
Burner, Oil, Stove, Tent, M-1941.		2	2	4	4								1 per stove, tent, M-1941 when atzd by WD (3 additional burners when atzd by CO).
Can:													
Corrugated, Nesting, Galvanized, With-Cover:													
10-Gallon						1	1	1	2	2			
16-Gallon						1	1	1	2	2			
24-Gallon						1	1	1	2	2			
32-Gallon						1	1	1	2	2			
Water, 5-Gallon		1	2	3	5	1	1	2	2	2			1 per 5 indiv or maj fraction thereof.
Carrier:													
Axe, Intrenching, M-1910		1	1	1	2	1	1	1	1	1			1 per axe, intrenching, M-1910, with-handle.
Pick-Mattock, Intrenching, M-1910.		1	2	3	4	1	1	2	2	2		1	1 per pick-mattock, intrenching, M-1910, with-handle.
Shovel, Intrenching, M-1943	1	2	6	10	12	2	4	5	6	8	1	1	1 per shovel, intrenching, M-1943 (carr, shovel, intrenching, M-1910 when shovel, intrenching, M-1910 is issued).
Case, Canvas, Dispatch	1	1	2	4	7								1 per off.
Chair, Folding		2	4	6	10								
Chest, Record, Fiber		1	1	1	1								
Desk, Field, (Empty), Fiber:													
Company		1	1	1	1								
Headquarters				1	1								

Type	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	
Drum, Inflammable-Liquid (Gasoline), Steel, With-Carrying-Handle, Capacity 5-Gal.		2	5	3	3	1	1	1	1	1	2	2	1 per trk, ½-ton; 2 per trk, ¾-ton; trk, 2½-ton; 1 per set of fld range, M-1937.
File, Paper, Clip, Wood Back			2	2	4								
Flag:													
Guidon, Bunting			1										
National-Standard, Silk				1	1								
Standard, Organization, Silk				1	1								
Goggles M-1944		3	7	4	4						1	2	
Heater, Immersion-Type for Cans, Corrugated.						3	3	3	3	3			3 per range, fld, M-1937 (heater, water, for range, fld, M-1937 may be issued in lieu thereof).
Kit:													
Barber, w/Case			1										1 per co outside continental US.
Sewing			1	1	2		1	1	1	1			1 per 12 EM or maj fraction thereof.
Lantern, Gasoline, Leaded Fuel.		2	2	2	2	2	2	2	3	3			
Machete, 18-Inch-Blade, M-1942.		1	1	1	1								
Machine:													
Duplicating, using Stencil-Paper, Military Field Kit.				1									
Paper-Fastening, Lever-or Plunger-Type, Wire Staple, Preformed, Light-Duty.		1	1	1	2								
Perforator, Non-Adjustable, Two-Hole.		1	1	1									
Pick, Handled, Railroad, 6-to-7-lbs.		1	2	2	2	1	1	1	1	1			
Pick-Mattock, Intrenching, M-1910, With-Handle.		1	2	3	4	1	1	2	2	2		1	2 per 10 EM outside continental US when atzd by T of Opns comdr.
Rake, General Purpose, 14-Teeth		1	2	2	2	1	1	1	1	1			
Range, Field, M-1937:													
2-Unit						1							
3-Unit							1	1					
4-Unit									1	1			
Roll, Commissary, Complete				1									
Safe, Field, Combination Lock				1	1								
Screen, Latrine, Complete (With-Pins-and-Poles).		1	1	1									
Sheath, Machete, 18-Inch Blade, M-1942.		1	1	1	1								1 per machete, 18-inch-blade, M-1942.

1	2												3
	Allowances												
Item	Platoon headquarters	Platoon headquarters separate	Company headquarters	Battalion headquarters	Group headquarters	Mess team	Mess team	Mess team	Mess team	Mess team	Auto mechanic team	Auto mechanic team	Basis of distribution and remarks
Type	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	
Shovel:													
General Purpose, D-Handled, Strap-Back, Round-Point, No. 2.	-------	1	2	2	2	1	1	1	1	1	-------	-------	
Intrenching, M-1943	1	2	6	10	12	2	4	5	6	8	1	1	7 per 10 EM outside continental US when atzd by T of Opns comdr (shovel, intrenching, M-1910 to be issued until exhausted).
Sling, Color, Web, OD	-------	-------	-------	2	2	-------	-------	-------	-------	-------	-------	-------	
Stone, Sharpening, Pocket	-------	1	1	1	1	-------	-------	-------	-------	-------	-------	-------	1 per standard.
Stove, Tent, M-1941, Complete.	-------	2	2	4	4	-------	-------	-------	-------	-------	-------	-------	1 per machete. 2 per tent, sqd, M-1942.
Table, Camp, Folding	-------	1	2	3	5	-------	-------	-------	-------	-------	-------	-------	
Tent:													
Kitchen, Fly-Proof	-------	-------	-------	-------	-------	1	1	1	1	1	-------	-------	1 per Ki.
Squad, M-1942, Complete (With-Pins-and-Poles).	-------	a 1	a 1	b 2	b 2	-------	-------	-------	-------	-------	-------	-------	a 2 tent, pyramidal, complete (with-pins-and-poles) may be substituted until exhausted, for tent, sqd, M-1942). b 2 tent, pyramidal, complete (with-pins-and-poles) and 1 tent, storage (complete-with-fly-pins-and-poles) may be substituted until exhausted for 2 tent, sqd, M-1942).
Tool Set (Complete With Tools), Carpenters', No. 2.	-------	1	1	-------	1	-------	-------	-------	-------	-------	-------	-------	
Trumpet, G w/slide to F	-------	-------	1	-------	-------	-------	-------	-------	-------	-------	-------	-------	1 per bglr.
Tube, Flexible-Nozzle	-------	1	3	2	2	-------	-------	-------	-------	-------	1	1	1 per fuel consuming mtr vehicle.

Type	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	
Typewriter:													
Non-Portable, 11-Inch-Carriage.	-------	1	-------	2	3	-------	-------	-------	-------	-------	-------	-------	
Portable, With-Carrying-Case.	-------	-------	1	-------	1	-------	-------	-------	-------	-------	-------	-------	
Whistle, Thunderer	1	1	5	4	8	1	1	1	1	1	-------	-------	
SIGNAL													
Flashlight TL-122 ( )	2	4	7	11	12	3	4	5	6	7	1	1	
Lantern MX-290/GV	-------	1	1	2	2	-------	-------	-------	-------	-------	-------	-------	

PART II—DEPOT AND MESSAGE CENTER

SECTION I

ORGANIZATION

1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
				Depot				Message center									
	Unit	Specification serial No.	Technician grade	Depot team,	Depot team,	Storage and issue team	Inspection and maintenance team	Message center team	Message center team	Message center team	Message center team	Message center team	Message center team	Messenger team	Messenger team	Message center clerk augmentation	Remarks
	Type	-------	-------	CA	CB	CC	CD	DA	DB	DC	DD	DE	DF	DG	DH	DI	
2	Major	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	1	-------	-------	-------	a Not more than 50 percent of lieutenants within a numerically designated unit may be 1st lieutenants. b Drives truck. CA. *Depot team*—Furnishes storage and
3	Message center	0220	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	(1)	-------	-------	-------	
4	Captain	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	2	-------	-------	-------	
5	Message center	0220	-------	-------	-------	-------	-------	-------	-------	-------	-------	1	-------	-------	-------	-------	
6	Message center, fixed station	0222	-------	-------	-------	-------	-------	-------	-------	-------	-------	(1)	-------	-------	-------	-------	
												-------	(2)	-------	-------	-------	

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
				Depot				Message center									
	Unit	Specification serial No.	Technician grade	Depot team	Depot team	Storage and issue team	Inspection and maintenance team	Message center team	Message center team	Message center team	Message center team	Message center team	Message center team	Messenger team	Messenger team	Message center clerk augmentation	Remarks
	Type			CA	CB	CC	CD	DA	DB	DC	DD	DE	DF	DG	DH	DI	
7	Lieutenant a			1	1	1	3		3	3	5	10	14				issue and fourth echelon repair of signal equipment for units up to 5,000 men.
8	Message center, cryptographic	0224							(1)	(1)	(2)	(5)	(9)				
9	Message center, field	0221							(1)	(1)	(1)	(1)	(1)				
10	Message center, fixed station	0222							(1)	(1)	(2)	(4)	(4)				CB. *Depot team*—Furnishes storage and issue and fourth echelon repair of signal equipment for units up to 15,000 men.
11	Radar	0140					(1)										
12	Radio	0500					(1)										
13	Signal supply	4400		(1)	(1)	(1)											
14	Telephone and telegraph	0400					(1)										
15	Total commissioned			1	1	1	3		3	3	5	11	17				CC. *Storage and issue team*—Furnishes storage and issue functions for units up to the size of 50,000 men. If depot repair functions are required, this column must be augmented by appropriate wire and radio repair columns from this table.
16	Master sergeant											1	1				
17	Message center chief	674										(1)	(1)				
18	Technical sergeant				2	1	4				1	1	2				CD. *Inspection and maintenance team*—Provides theaters with specially trained technicians to aid units with difficult signal maintenance problems through on-the-job dissemination of recent maintenance practices, and instruction in the latest methods of maintenance procedures. When new equipment is supplied units, the operation and the practical maintenance methods will be disseminated by on-the-job technical supervision of the signal service men provided in this team.
19	Foreman, warehouse	252				(1)											
20	Message center chief	674									(1)	(1)	(2)				
21	Radar repairman, gunlaying equipment.	952					(1)										
22	Radio repairman	648			(1)		(1)										
23	Supply	835			(1)												
24	Telephone and telegraph equipment repairman.	097					(1)										
25	Wire chief	261					(1)										
26	Staff sergeant			1	2	1	2		2	2	2	4	5				DA to DF. *Message center teams*—These teams are based on the number of 15 word cryptographed messages that can be processed in a 24 hour period where 50 percent of the
27	Chief Cryptographic technician	805							(1)	(1)	(1)	(2)	(2)				
28	Clerk, stock record	835				(1)											
9	Foreman, warehouse	252		(1)	(1)												
20	Message center chief	674							(1)	(1)	(1)	(2)	(3)				
3																	

	Type			CA	CB	CC	CD	DA	DB	DC	DD	DE	DF	DG	DH	DI
31	Powerman, telephone	100					(b 1)									
32	Radio repairman	648					(b 1)									
33	Telephone and telegraph equipment repairman.	097			(1)											
34	Sergeant			1		2		1	1	1	1	2	3			1
35	Clerk, stock	835				(1)										
36	Foreman, warehouse	252				(1)										
37	Message center chief	674						(1)	(1)	(1)	(1)	(2)	(3)			(1)
38	Supply	835		(1)												
39	Technician, grade 3				1				1	2	6	9	12			
40	Technician, grade 4			1	1	2		1	2	4	10	13	10			1
41	Technician, grade 5			3	7	7		2	3	5	11	14	10	2	3	1
42	Private, first class			1	3	4		1	2	2	5	5	7	2	5	2
43	Private			1	3	4			1	1	4	5	7	2	4	1
44	Checker, receiving and shipping	835	5		(1)	(1)										
45	Clerk, general	055	4			(1)										
46	Clerk, general	055		(b 1)	(b 1)	(1)										
47	Clerk, message center	667	4						(1)	(1)	(4)	(4)	(7)			(1)
48	Clerk, message center	667	5					(1)	(1)	(2)	(5)	(5)	(7)			(1)
49	Clerk, message center	667						(1)	(3)	(5)	(9)	(10)	(14)			(3)
50	Clerk, stock	835	5		(1)	(1)										
51	Clerk, stock record	835	5	(1)	(1)	(1)										
52	Clerk, stock record	835				(1)										
53	Cryptographic technician	805	3						(1)	(2)	(6)	(9)	(12)			
54	Cryptographic technician	805	4					(1)	(1)	(3)	(6)	(9)	(12)			
55	Cryptographic technician	805	5					(1)	(2)	(3)	(6)	(9)	(12)			
56	Messenger, motor	667	5											(2)	(3)	
57	Messenger, motor	667												(4)	(b 9)	
58	Packing case maker	050	5		(1)	(1)										
59	Packing case maker	050		(1)	(1)	(2)										
60	Radio repairman	648	3		(1)											
61	Radio repairman	648	4	(1)	(1)	(1)										
62	Radio repairman	648	5		(1)											
63	Salvageman	194	5			(1)										
64	Salvageman	194				(1)										
65	Telephone and telegraph equipment repairman.	097	5	(1)	(1)	(1)										
66	Telephone and telegraph equipment repairman.	097			(2)											
67	Truck Driver	345				(1)										
68	Typist	405			(1)	(1)										
69	Warehouseman	252	5	(1)	(1)	(1)										
70	Basic	521			(1)	(1)										
71	Total enlisted			8	19	21	6	5	12	17	40	54	75	6	12	6
72	Aggregate			9	20	22	9	5	15	20	45	65	92	6	12	6
73	O Carbine, cal. .30			9	20	22	8	5	15	20	45	65	91	3	6	6

messages are incoming and 50 percent outgoing. The following table applies:

	Using manual systems only	*Using converter only*
Team DA	up to 30	up to 45
Team DB	up to 80	up to 100
Team DC	up to 140	up to 200
Team DD	up to 300	up to 400
Team DE	up to 450	up to 600
Team DF	up to 600	up to 750

When cryptographic systems employing electro-mechanical devices are used the above figures should be increased accordingly.

DI. *Message center clerk augmentation team*—Designed to be used in conjunction with the radio teletype code teams. Normally 1 such augmentation team will be used with the single channel radio teletype station, column EP and multiples of this augmentation are necessary for the multi-channel radio station, column EL and the multiplex radio station, column EM.

For specification serial numbers for officer see TM12-405 and 12-407; for enlisted men see TM12-427.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
				Depot				Message center									
	Unit	Specification serial No.	Technician grade	Depot team	Depot team	Storage and issue team	Inspection and maintenance team	Message center team	Message center team	Message center team	Message center team	Message center team	Message center team	Messenger team	Messenger team	Message center clerk augmentation	Remarks
	Type			CA	CB	CC	CD	DA	DB	DC	DD	DE	DF	DG	DH	DI	
74	O Gun, machine, Browning, HB, cal. .50 flexible.				1	1											
75	O Gun, submachine, cal. .45						1							3	6		
76	O Mount, machine gun, cal. .50				1	1											
	O Pistol, automatic, cal. .45																
77	O Trailer, 1-ton						1						1				
78	O Truck, ¼-ton																
79	O Truck, ¾-ton, weapons carrier			1	1	1	1							3	6		
80	O Truck, 2½-ton, Signal Corps repair.						1										
81																	

SECTION II
EQUIPMENT

CHEMICAL

1	2													3
	Allowances													
Item	Depot team	Depot team	Storage and issue team	Inspection and maintenance team	Message center team	Message center team	Message center team	Message center team	Message center team	Message center team	Messenger team	Messenger team	Message center clerk augmentation	Basis of distribution and remarks
Type	CA	CB	CC	CD	DA	DB	DC	DD	DE	DF	DG	DH	DI	
Apparatus, decontaminating:														
1½-qt capacity, M2	1	1	1	2							3	6		1 per fuel consuming mtr vehicle outside continental US when atzd by T of Opns comdr.
3-gallon, M1	1	1	1											Outside continental US when atzd by T of Opns comdr.
Mask, gas, service, combat, M5-11-7	9	20	22	9	5	15	20	45	65	92	6	12	6	1 per indiv (mask, gas, sv lightweight, M3-10A1-6 or M3A1-10A1-6, or mask, gas, sv, will be issued in lieu of mask, gas, sv, combat, M5-11-7 as directed by WD).
Respirator, dust, M2	2	2	2	4							6	12		2 per wheeled fuel consuming mtr vehicle (respirator, dust, M1 will be issued until exhausted).
ENGINEER														
Compass:														
Lensatic, luminous dial type, w/case						1	1	1	2	3				
Wrist, liquid filled				2							6	12		
Extinguisher, fire:														
Carbon tetrachloride, 1-Gal	3	5	10											
Water, 4-Gal., pump type			5											

1	2													3
	Allowances													
Item	Depot team	Depot team	Storage and issue team	Inspection and maintenance team	Message center team	Message center team	Message center team	Message center team	Message center team	Message center team	Messenger team	Messenger team	Message center clerk augmentation	Basis of distribution and remarks
Type	CA	CB	CC	CD	DA	DB	DC	DD	DE	DF	DG	DH	DI	
Net, camouflage, cotton, shrimp:														
22 x 22-Ft											3	6		1 per trk, ¼-ton, 4 x 4.
29 x 29-Ft	1	1	1	2										1 per trk, ¾-ton; tlr, 1-ton.
36 x 44-Ft				1										1 per trk, 1½-ton or larger.
Templet, map, transparent, plastic, M-2.					1	2	3	3	3	1	6	12		
MEDICAL														
Kit, First Aid, Motor Vehicle, 12-Unit	1	1	1	1							1	2		1 per 4 fuel consuming mtr vehicles or fraction thereof.
ORDNANCE														
Weapons and miscellaneous														
Carbine, cal. .30, M2	9	20	22	8	5	15	20	45	65	91	3	6	6	
Clock, message center, M2					1	1	1	1	1	1			1	
Gun:														
Machine, Browning, heavy barrel, cal. .50 M2 flexible.		1	1											
Submachine, cal. .45, M3				1							3	6		1 per driver, trk, ¼-ton or ¾-ton.
Mount, machine gun, cal. .50, AA M3.		1	1											1 per MG, cal. .50.
Pistol, automatic, cal. .45, M1911A1										1				1 per fld off.
Watch, wrist, 7 or 15 or more jewel	1	3	3		1	2	3	4	4	10	6	12	2	Outside continental US when atzd by T of Opns comdr.

Type	CA	CB	CC	CD	DA	DB	DC	DD	DE	DF	DG	DH	DI	
Vehicles														
Trailer, 1-ton, 2-wheel, cargo				1										
Truck:														
¼-ton, 4 x 4														
¾-ton, 4 x 4, weapons carrier	1	1	1	1							3	6		
2½-ton, 6 x 6, Signal Corps Repair, M30.				1										
Motor transport equipment														
Axe, handled, chopping, single bit, standard grade, 4-lb.	1	1	1	2							3	6		1 per fuel consuming mtr vehicle.
Chain, motor vehicle, tow, 16′ long x ⅜″ dia.				1										1 per trk, 2½-ton, 6 x 6, outside continental US when atzd by T of Opns comdr. or 1 per 3 trks, 2½-ton, 6 x 6, in continental US.
Defroster and Deicer, electric, windshield.	1	1	1	2							3	6		1 per trk when atzd by army or T of Opns comdr.
Mattock, handled, pick, type II, class F, 5-lb.	1	1	1	2										1 per fuel consuming mtr vehicle except trk, ¼-ton; combat vehicle; passenger cars; and mtrcl.
Rope, tow, 20′ long, 1″ dia	1	1	1	1							3	6		1 per fuel consuming mtr vehicle under trk, 1½-ton, except mtrcl.
Shovel, general purpose, D-handled, strapback, round point, No. 2.	1	1	1	2							3	6		1 per fuel consuming mtr vehicle.
QUARTERMASTER														
Organizational clothing														
Mittens, Asbestos, M-1942		2	2											2 per MG cal. .50.
Individual equipment														
Bag, Canvas, Field, OD. M-1936	9	20	22	9	5	15	20	45	65	92	6	12	6	1 per indiv.
Belt:														
Pistol or Revolver, M-1936	9	20	22	9	5	15	20	45	65	92	6	12	6	1 per individual armed w/ carbine or pistol; not otherwise furnished cartridge belt.

1	2													3
	Allowances													
Item	Depot team	Depot team	Storage and issue team	Inspection and maintenance team	Message center team	Message center team	Message center team	Message center team	Message center team	Message center team	Messenger team	Messenger team	Message center clerk augmentation	Basis of distribution and remarks
Type	CA	CB	CC	CD	DA	DB	DC	DD	DE	DF	DG	DH	DI	
Cover:														
Canteen: Dismounted, M-1910	9	20	22	9	5	15	20	45	65	92	6	12	6	1 per indiv.
Canvas, Muzzle, Rifle or Carbine	9	20	22	8	5	15	20	45	65	91	3	6	6	1 per rifle, cal. .30, or carbine, when atzd by CG, army or outside continental US by T of Opns comdr.
Pocket, Magazine:														
Double-Web, EM, M-1923										1				1 per indiv armed w/pistol.
For Carbine, cal. .30	18	40	44	16	10	30	40	90	130	182	6	12	12	2 per indiv armed w/carbine.
Strap, Carrying, General Purpose	9	20	22	9	5	15	20	45	65	92	6	12	6	1 per bag, canvas, fld, od, M-1936 (strap, carrying bag, canvas, fld, od, M-1936 will be issued until exhausted).
Suspenders, Belt, M-1936	9	20	22	9	5	15	20	45	65	92	6	12	6	1 per indiv.
Organizational equipment														
Axe:														
Handled, Chopping, Single-Bit, Standard Grade, Weight 4-Lb.	1	1	2	1										
Intrenching, M-1910, With-Handle	1	2	2	1	1	1	2	4	5	7	1	1	1	1 per 10 EM outside continental US when atzd by T of Opns comdr.
Bag:														
Canvas, Mail, With-Leather-Bottom, Top, and Locking-Strap.											3	6		
Carrying, Ammunition				1							3	6		1 per SMG.
Bar:														
Crow:														
Pinch-Point, 1¼-Inch x 60-Inch			2											
Wedge-Point, 1⅛-Inch x 56-Inches.			2											

Type	CA	CB	CC	CD	DA	DB	DC	DD	DE	DF	DG	DH	DI	
Wrecking, Type-D, Gooseneck, ¾-Inch x 24-Inch.	1	1	2											
Bucket:														
Canvas, Water, 18-Qt	1	1	1	2							3	6		1 per fuel consuming mtr vehicle.
General-Purpose, Galvanized, Heavy-Weight, Without-Lip, 14-Qt.	1	2	2											
Burner, Oil, Stove, Tent, M-1941	2	6	6											1 per stove, tent, M-1941 when atzd by WD (3 add burners when atzd by CO).
Can:														
Corrugated, Nesting, Galvanized, With-Cover:														
16-Gallon		1	2											
Water, 5-Gallon	2	4	4	2	1	3	4	9	13	18	1	2	1	1 per 5 indiv or maj fraction thereof.
Carrier:														
Axe, Intrenching, M-1910	1	2	2	1	1	1	2	4	5	7	1	1	1	1 per axe, intrenching, M-1910, with-handle.
Pick-Mattock, Intrenching, M-1910.	2	4	4	1	1	2	3	8	11	15	1	2	1	1 per pick-mattock, intrenching, M-1910, with-handle.
Shovel, Intrenching, M-1943	5	13	15	4	3	9	12	28	38	53	4	9	4	1 per shovel, intrenching, M-1943 (carr, shovel, M-1910 when shovel, intrenching, M-1910 is issued).
Wire-Cutter, M-1938	1	1	1											1 per cutter, wire, M-1938.
Case, Canvas, Dispatch	1	1	1	3		3	3	5	11	17	6	12		1 per off; mesgr (667).
Chair, Folding	2	3	3	2	3	6	7	15	22	31			4	
Cutter, Wire, M-1938	1	1	1											
Desk, Field, Empty, Fiber, Company	1	1	1											
Drum, Inflammable-Liquid (Gasoline), Steel, with Carrying-Handle, Capacity 5-Gal.	3	3	3	5							3	6		1 per trk, ¼-ton; power unit; 2 per trk, ¾-ton; trk, 2½-ton.
File, Paper:														
Arch-Board, Without-Index-and-Cover	1	2	4											
Clip, Wood-Back	2	3	5											
Goggles, M-1944	2	3	3	4							6	12		2 per fuel consuming mtr vehicle; 1 per MG cal. .50.
Hammer, Carpenter's Claw, Bell-Faced, 1-Lb.	1	1	2	1										
Holder-and-Cutter, Paper, Wrapping, 18-Inch.		1	1											
Hook, Box, 10-In		2	2											
Kit, Sewing	1	2	2	1		1	1	3	5	6	1	1	1	1 per 12 EM or maj fraction thereof.
Ladder, Step, 8-Ft	1	1	1											
Lantern, Gasoline, Leaded Fuel	1	1	1	1	1	1	1	1	1	1			1	
Lock, Pad, Brass, 1¼-Inch	2	6	6											

1	2													3
	Allowances													
Unit	Depot team	Depot team	Storage and issue team	Inspection and maintenance team	Message center team	Message center team	Message center team	Message center team	Message center team	Message center team	Message center team	Message center team	Message center clerk augmentation	Basis of distribution and remarks
Type	CA	CB	CC	CD	DA	DB	DC	DD	DE	DF	DG	DH	DI	
Machete, 18-Inch-Blade, M-1942				1	1	1	1	1	1	1				
Machine:														
Computing, Listing		1	1											
Duplicating, Using Stencil-Paper, Military Field Kit.	1	1	1											
Numbering, Automatic, 5-Wheel, 4-Movement.					2	2	2	4	6	8			2	
Paper-Fastening, Lever-or-Plunger-Type. Wire-Staple, Preformed, Light Duty.	1	2	3		2	2	2	4	6	8			2	
Stencil-Cutting	1	1	1											
Strapping-or-Boxing		1	1											
Marking-Outfit; Stamping-Leather, M-1910.		1	1											
Paulin, Canvas, Large	2	3	6											
Perforator, Non-Adjustable, Two-Hole	1	1	1											
Pick-Mattock, Intrenching, M-1910, With-Handle.	2	4	4	1	1	2	3	8	11	15	1	2	1	2 per 10 EM outside continental US when atzd by T of Opns comdr.
Pot, Marking, Tin		1	1											
Puller, Nail, 18-In	1	1	2											
Safe, Field, Combination Lock				1	2	2	2	2	3	3			1	
Saw, Crosscut, Hand, 24-Inch, 8-Point	1	1	1	1										
Scale, Weighing, Platform, Portable, With-Wheel, 1000-Lb. Capacity.			1											
Scraper, Box, Single-Handle, 2-Inch-Blade.	1	1	1											
Shears:														
Office, Bankers, 9-In	1	1	1											
Tinners, Hand (Snips), Straight-Cut, Length of Cut 3-Inch, Length Overall 12¾-Inch.	1	1	1											

	CA	CB	CC	CD	DA	DB	DC	DD	DE	DF	DG	DH	DI	
Sheath, Machete, 18-Inch Blade, M-1942.				1	1	1	1	1	1	1				1 per machete, 18-Inch-Blade, M-1942.
Shovel:														
General Purpose, D-Handled, Strap-Back, Round-Point, No. 2.		1	1											
Intrenching, M-1943	5	13	15	4	3	9	12	28	38	53	4	9	4	7 per 10 EM outside continental US when atzd by T of Opns comdr (shovel, intrenching, M-1910 to be issued until exhausted).
Sledge, Blacksmith, Double-Faced, 8-Lb.		1	1											
Stencil Outfit, Complete-With-Figures-and-Letters ½-Inch and 1-Inch.	1	1	1											
Stone, Sharpening, Pocket				1	1	1	1	1	1	1				1 per machete, 18-Inch-Blade, M-1942.
Stove, Tent, M-1941, Complete	2	6	6											
Table, Camp, Folding	2	3	3	1	2	3	4	7	11	15			2	2 per tent, sqd, M-1943.
Tent:														
Squad, M-1942, Complete (With-Pins-and Poles).	a 1	b 3	b 3											a 1 tent, storage, complete (pins-and-poles) may be substituted for tent, sqd, M-1942. b 2 tent, pyramidal, plus 1 tent, storage, plus 1 tent, wall, large, may be substituted for 3 tents, sqd, M-1942.
Wall, Small, Complete (With-Fly-Pins-and-Poles)				1										
Tool Set (Complete-with-Tools) Carpenters' No. 1.	1	1	1											
Truck, Hand, 2-Wheel, Straight-Back, Rubber wheel.	1	1	2											
Tube, Flexible-Nozzle	1	1	1	2							3	6		1 per fuel consuming ratr vehicle.
Typewriter, Non-Portable, 11-Inch-Carriage.	1	2	2											
Whistle, Thunderer	4	4	9	1	1	7	8	7	23	35			2	
SIGNAL														
Block Set LC-4			1											
Charging Set SCR-169-( )	1	1	1											
Chest BC-5	1	2	2											
Condenser Tester (3F4490)				1										
Converter M-209-( )					2	4	4	8	8	8				Non-standard.
Flashlight TL-122-( )	5	5	9	11	1	5	6	9	18	27	3	6	1	

1	2													3
	Allowances													
Unit	Depot team	Depot team	Storage and issue team	Inspection and maintenance team	Message center team	Message center team	Message center team	Message center team	Message center team	Message center team	Message center team	Message center team	Message center clerk augmentation	Basis of distribution and remarks
Type	CA	CB	CC	CD	DA	DB	DC	DD	DE	DF	DG	DH	DI	
Lantern, MX-290/GV	1	1	1		1	1	1	1	1	1				
Multimeter I-239-( )	1	2		1										
Pliers TL-126				9										
Power Unit:														
Pe-75-( )	1		1	1										
Pe-95-( )		1												
Radio Kit MX-49/MRM				1										Per rad sig corp repair trk, M-30.
Rectifier:														
RA-91 or RA-36		1	1											
Power Unit PP-34-( ) /MSM	1			1										
Stamp MC-181					1	1	2	2	3	4			1	
Test Equipment:														
IE-9-( )	1	1		1										
IE-17-A	1	1		1										
IE-29	1	1		1										
Test Set:														
I-120		1												Non-standard.
I-142	1	1												Do.
I-181	1	1												
I-193-( )	1	1												
TS-2/TG	1	1												
Tool Equipment:														
TE-49-( )	1	1		1										
TE-50-A		1		1										
TE-111	1	1		1										
TE-112	1	1		1										
TE-113 or TE-45 and TE-48	1	2		1										
TE-114 or TE-46		1		1										
Tool Kit, General Service (6R 379S7)				1										Non-standard.
Vulcanizing Equipment TE-55	1	1												

PART III—CRYSTAL GRINDING, RADAR, AND RADIO

SECTION I

ORGANIZATION

1	1	2	3	4	5	6	7	8	9	10	11
				Radio							
	Unit	Specification serial No.	Technician grade	Crystal grinding team	Mobile radio team	Radar installation and maintenance team	Radio-Boehme operation augmentation team	Radio carrier terminal team	Radio repair team	Radio telegraph fixed station 1-position	Remarks
	Type			EA	EB	EC	ED	EF	EG	EH	
2	Lieutenant a										
3	Radio, field			1				2		1	
4	Radio, fixed station	0501		(b1)				(1)			
5	Telephone and telegraph, inside plant	0502								(1)	
		0410						(1)			
6	Total commissioned			1				2		1	
7	Technical sergeant					1		4	1	1	
8	Chief radio operator	777								(1)	
9	Chief radio repairman	648						(c 2)	(1)		
10	Chief repeaterman	187						(d 2)			
11	Radar repairman, reporting equipment	953				(1)					
12	Staff sergeant			1	1			2			
13	Chief radio operator	766			(1)						
14	Chief repeaterman	187						(d 2)			
15	Crystal grinder	150		(1)							
16	Technician, grade 3				1	1	1	5	2	1	
17	Technician, grade 4 including			1	1	2	2	8	2	2	
18	Technician, grade 5			1	2	1	2	5	4	2	
19	Boehme repairman	648	4				(1)				
20	Crystal grinder	150	4	(1)							
21	Crystal grinder	150	5	(1)							
22	Powerman	166	4			(e 1)					

a Not more than 50 percent of lieutenants within a numerically designated unit may be 1st lieutenants.

b To be trained in crystal grinding.

c To be qualified to repair multi-channel radio carrier terminal and multi-channel radio relay (AN/TRC-1, 3 and 4) will be considered sufficient to perform their mission.

d To be qualified on CF 1, 2, and associated ringer equipment (telephone and telegraph carrier terminals) will be considered sufficient to perform their mission.

e To be trained in unit as a rigger.

f Also drives truck.

g To be trained by unit commanders in operation and maintenance of small power units of approximately 2½ KVA.

EA. *Crystal grinding team*—Intended to provide theaters when the need for grinding and polishing of crystals is of such volume and frequency that the service from the zone of interior cannot meet the requirements.

	1	2	3	4	5	6	7	8	9	10	11
				Radio							
	Unit	Specification serial No.	Technician grade	Crystal grinding team	Mobile radio team	Radar installation and maintenance team	Radio-Boehme operation augmentation team	Radio carrier terminal team	Radio repair team	Radio telegraph fixed station 1-position	Remarks
	Type			EA	EB	EC	ED	EF	EG	EH	
23	Powerman	166	5			(1)			(f 1)		EB. *Mobile radio team*—Operates and maintains any mobile radio installation.
24	Radar repairman, reporting equipment	953	3			(1)					EC. *Radar installation and maintenance team*—Provides a basic radar installation and maintenance unit.
25	Radar repairman, reporting equipment	953	4			(1)					ED. *Radio-Boehme operation augmentation team*—Provides personnel to operate a single channel radio station equipped for Boehme tape operation. May be used to augment any fixed radio station when this type of operation is required and personnel is not already provided.
26	Radio operator	766	3		(1)						EF. *Radio carrier terminal team*—Designed to furnish personnel for 2 radio carrier terminals with associated wire carrier terminal equipment. These terminals will normally be installed up to 25 miles apart. When it is necessary to operate at greater distances or the terrain does not permit line of sight communication between the radio terminals, it is necessary to augment this team by 1 or more column EO, radio link repeater teams.
27	Radio operator	766	4		(1)						EG. *Radio repair team*—Provides for 4th echelon repair and maintenance of radio equipment. This team can be used in conjunction with the storage and issue team, column CC, wire repair team, GQ, and radio installation and maintenance team, EC, to provide the functions of a signal depot organization.
28	Radio operator	766	5		(1)						EH. *Radio telegraph fixed station*—1-position provides personnel for the installation, operation, and maintenance of a single channel, fixed radio station, where the transmitter, receiver, and operation point are situated in one location.
29	Radio operator	777	3				(1)			(1)	For specification serial numbers for officers see TM 12-406 and 12-407; for enlisted men see TM 12-427.
30	Radio operator	777	4				(1)			(f 1)	
31	Radio operator	777	5				(2)			(2)	
32	Radio repairman	649	4							(f 1)	
33	Radio repairman	648	3					(egf 2)	(2)		
34	Radio repairman	648	4					(eg 3)	(f 2)		
35	Radio repairman	648	5		(1)			(eg 5)	(3)		
36	Repeaterman	187	3					(dgf 3)			
37	Repeaterman	187	4					(dg 5)			
38	Total enlisted			3	5	5	5	24	9	6	
39	Aggregate			4	5	5	5	26	9	7	
40	O Carbine, cal. .30			4	5	5	5	24	9	5	
41	O Gun, machine, Browning, heavy barrel, cal. .50.							2		1	
42	O Gun, submachine, cal. .45							2		2	
43	O Mount, machine gun, cal. .50							2		1	
44	O Trailer, 1-ton								1		
45	O Truck, ¼-ton							2		2	
	Type			EA	EB	EC	ED	EF	EG	EH	
46	O Truck, 1½-ton, cargo, w/winch							2			
47	O Truck, 2½-ton, cargo								1		
48	O Truck, 2½-ton, signal corps repair								1		

SECTION II
EQUIPMENT

CHEMICAL

1	2							3
	Allowances							
Items	Crystal grinding team	Mobile radio team	Radar installation and maintenance team	Radio-Boehme operation augmentation team	Radio carrier terminal team	Radio repair team	Radio telegraph fixed station 1-position	Basis of distribution and remarks
Type	EA	EB	EC	ED	EF	EG	EH	
Apparatus, decontaminating:								
1½-qt capacity, M2					4	2	2	1 per fuel consuming mtr vehicle outside continental US when atzd by T of Opns comdr.
3-gallon, M1						1	1	Outside continental US when atzd by T of Opns comdr.
Mask, gas, service, combat, M5-11-7	4	5	5	5	26	9	7	1 per indiv (mask, gas, sv light weight, M3-10A1-6 or M3A1-10A1-6, or mask, gas, sv, will be issued in lieu of mask, gas, sv, combat M5-11-7 as directed by WD).
Respirator, dust M2					8	4	4	2 per wheeled fuel consuming mtr vehicle (respirator, dust, M1 will be issued until exhausted).

ENGINEER

1	2							3
	Allowances							
Items	Crystal grinding team	Mobile radio team	Radar installation and maintenance team	Radio-Boehme operation augmentation team	Radio carrier terminal team	Radio repair team	Radio telegraph fixed station 1-position	Basis of distribution and remarks
Type	EA	EB	EC	ED	EF	EG	EH	
Compass:								
Lensatic, luminous dial type, w/case		1	1		2		1	
Wrist, liquid filled			1					
Extinguisher, fire, carbon tetrachloride, 1-gallon							1	
Net, camouflage, cotton, shrimp:								
22 x 22-Ft					2		2	1 per trk, ¼-ton, 4 x 4.
29 x 29-Ft						1		1 per tlr, 1-ton.
36 x 44-Ft					2	2		1 per trk, 1½-ton or larger.
Templet, map, plastic, transparent, M-2		1						
MEDICAL								
Kit, First Aid:								
Gas Casualty					2			1 per 25 indiv or maj fraction thereof asgd to T of Opns except team EF which is atzd 2.
Motor Vehicle, 12-Unit					2	1	1	1 per 4 fuel consuming mtr vehicle or fraction thereof except team EF which authorizes 1 per 2 vehicles.
ORDNANCE								
Weapons and Miscellaneous								
Carbine, cal. .30, M2	4	5	5	5	24	9	5	1 per indiv not otherwise armed.
Gun:								
Machine, Browning, heavy barrel, cal. .50, M2, flexible.					2		1	
Submachine, cal. .45, M3					2		2	1 per driver trk, ¼-ton.
Mount, machine gun, cal. .50, AA, M3					2		1	1 per MG, cal. .50.
Watch, wrist, 7 or 15 or more jewel		1	1		4	1	1	Outside continental US when atzd by T of Opns comdr.

Type	EA	EB	EC	ED	EF	EG	EH	
Vehicles								
Trailer, 1-ton, 2-wheel cargo						1		
Truck:								
¼-ton, 4 x 4					2		2	
1½-ton, 6 x 6, cargo, w/winch					2			
2½-ton, 6 x 6, cargo						1		
2½-ton, 6 x 6, Signal Corps, Repair, M30						1		
Motor Transport Equipment								
Axe, handled, chopping, single bit, standard grade, 4-lb.					4	2	2	1 per fuel consuming mtr vehicle.
Chain, motor vehicle, tow, 16' long by ⅛" dia					2 or 1	2 or 1		1 per fuel consuming mtr vehicle, 1½-ton to 2½-ton incl, outside continental US. or 1 per 3 fuel consuming mtr vehicles, 1½-ton to 2½-ton incl. in continental US
Defroster and Deicer, electric, windshield					4	2	2	1 per trk when atzd by army comdr or outside continental US when atzd by T of Opns comdr.
Mattock, handled, pick, Type II, class F., 5-lb					2	2		1 per fuel consuming mtr vehicle except ¼-ton, 4 x 4 trk.
Rope, tow, 20' long, 1" dia					2		2	1 per fuel consuming mtr vehicle under 1½-ton capacity.
Shovel, general purpose, D-handled, strapback, round point No. 2.					4	2	2	1 per fuel consuming mtr vehicle.
Tool set, complete with tools, General Mechanics'.			2			1		1 per powerman (166).
QUARTERMASTER								
Organizational clothing								
Mittens, Asbestos, M-1942					4		2	2 pr per MG, cal. .50.
Individual equipment								
Bag, Canvas, Field, OD, M-1936	4	5	5	5	26	9	7	1 per indiv.
Belt, Pistol or Revolver, M-1936	4	5	5	5	26	9	7	1 per indiv armed w/carbine cal. .30; indiv not otherwise furnished cartridge belt.
Cover:								
Canteen, Dismounted, M-1910	4	5	5	5	26	9	7	1 per indiv.
Canvas, Muzzle, Rifle or Carbine	4	5	5	5	24	9	5	1 per carbine when atzd by CG, army comdr or outside continental US when atzd by T of Opns comdr.
Pocket, Magazine, for Carbine, Cal. .30	8	10	10	10	48	18	10	2 per indiv armed w/carbine, cal. .30.
Strap, Carrying, General Purpose	4	5	5	5	26	9	7	1 per indiv (strap, carrying, bag, canvas, fld, OD, M-1936 to be issued until exhausted).
Suspenders, Belt, M-1936	4	5	5	5	26	9	7	1 per indiv.

Organizational equipment

1	2							3
	Allowances							
Items	Crystal grinding team	Mobile radio team	Radar installation and maintenance team	Radio-Boehme operation augmentation team	Radio carrier terminal team	Radio repair team	Radio telegraph fixed station 1-position	Basis of distribution and remarks
Type	EA	EB	EC	ED	EF	EG	EH	
Axe, Intrenching, M-1910, With-Handle	1	1	1	1	2	1	1	1 per 10 EM outside continental US when atzd by T of Opns comdr.
Bag, Carrying, Ammunition					2		2	1 per SMG cal. .45.
Bar, Wrecking, Type-D, Gooseneck, ¾-In. x 24-In.						1		
Bucket, Canvas, Water, 18-Qt					4	2	2	1 per fuel consuming mtr vehicle except combat vehicle.
Burner, Oil, Stove, Tent, M-1941		1			8	3		1 per stove, tent, M-1941 when atzd by WD.
Can, Water, 5-Gal	1	1	1	1	5	2	1	1 per 5 indiv or maj fraction thereof.
Carrier:								
Axe, Intrenching, M-1910	1	1	1	1	2	1	1	1 per axe, intrenching, M-1910, w/handle.
Pick-Mattock, Intrenching, M-1910	1	1	1	1	5	2	1	1 per pick-mattock, intrenching, M-1910, w/handle.
Shovel, Intrenching, M-1943	1	3	3	3	17	6	4	1 per shovel, intrenching, M-1943 (carr, shovel intrenching, M-1910 to be issued when shovel intrenching, M-1910 is issued).
Case, Canvas, Dispatch	1				2		1	
Chair, Folding, Wooden						2		
Drum, Inflammable-Liquid (Gasoline), Steel, With-Carrying-Handle, Capacity 5-Gal.					6	5	2	1 per trk, ¼-ton, 4 x 4; power unit; 2 per trk, 1½-ton, 6 x 6; 2½-ton, 6 x 6, cargo.
Goggles, M-1944					10	4	5	2 per fuel consuming mtr vehicle; 1 per MG, Cal. .50, M2, flexible.
Kit, Sewing					2	1	1	1 per 12 EM or maj fraction thereof.
Lantern, Gasoline, Leaded Fuel		1	1		4	1	1	
Machete, 18-Inch-Blade, M-1942					4			
Outfit, Cooking, Two-Burner					4			
Paulin, Canvas, Small					4			

Type	EA	EB	EC	ED	EF	EG	EH	
Pick-Mattock, Intrenching, M-1910, With-Handle.	1	1	1	1	5	2	1	2 per 10 EM outside continental US when atzd by T of Opns comdr.
Sheath, Machete, 18-Inch Blade, M-1942					4			1 per machete, M-1942.
Shovel, Intrenching, M-1943	1	3	3	3	17	6	4	7 per 10 EM outside continental US when atzd by T of Opns comdr (shovel, intrenching, M-1910 to be issued until exhausted).
Sledge, Blacksmith, Double-Faced, 6-lb					2			
Stone, Sharpening, Pocket					4			
Stove, Tent, M-1941, Complete With-Grate		1			8	3		1 per machete, M-1942.
Table, Camp, Folding					4	1		1 per tent wall; 2 per tent sqd (when atzd by CO).
Tent:								
Squad, M-1942, Complete (With-Pins-and-Poles).					4	1		
Wall, Small, Complete (With-Fly-Pins-and-Poles).		1				1		
Tool-Set (Complete With-Tools):								
Carpenters', No. 2			1					
Electricians'			1					
Tube, Flexible-Nozzle					4	3	2	1 per electn rigger (078).
Whistle, Thunderer	1		1		4	1	2	1 per fuel consuming mtr vehicle except combat vehicle; power unit.
SIGNAL								
Alignment Equipment ME-73 ( ) or Maintenance Equipment ME-13.						1		
Bar LC-20						1		
Chest BC-5					4	1		
Coil C-161					4			
Converter M-209-( )		1						
Flashlight TL-122 ( )	2	1	1		12	3	4	
Frequency Meter Set SCR-211					2			
Lantern MX-290/GV	1	1	1			1	1	
Lineman's Equipment TE-21			1				4	
Multimeter 1-239-( )		1	2		4	4	1	1 per tool equipment TE-113.
Panel Set:								
AP-30-C		1					1	
AP-30-D		1						
Power Unit PE-95-( )						1		
Radio Kit MX-49/MRM						1		
Rectifier Power Unit PP-34 ( )/MSM						1		
Reel Unit RL-31					2			
Saw:								
TL-104					2			
TL-129					4			
Telephone EE-8					2			
Terminal Strip TM-184								

1	2							3
	Allowances							
Items	Crystal grinding team	Mobile radio team	Radar installation and maintenance team	Radio-Boehme operation augmentation team	Radio carrier terminal team	Radio repair team	Radio telegraph fixed station 1-position	Basis of distribution and remarks
Type	EA	EB	EC	ED	EF	EG	EH	
Test Equipment:								
IE-9						1		
IE-17-A						1		
Tool Equipment:								
TE-33					4			
TE-50 A				1				
TE-113 or TE-45 and TE-48		1	2		4	4	1	
TE-114 or TE-46						1		
Wire W-110-B on Reel DR-4 mi					6			
Special equipment notes	(a)	(b)	(c)	(d)	(e)		(f)	

a Crystal grinding equipment including supplies, accessories, spare parts and tools necessary to accomplish its function will be furnished by research and development division of the chief signal officer in accordance with special list prepared by the crystal branch of the Camp Coles signal laboratory.

b The mobile radio team will be issued a radio set, power unit and additional equipment as required by the CSO. The chief of ordnance will furnish the chief signal officer with necesary vehicles and motor transport equipment for mounting equipment.

c The radar installation and maintenance team will be issued tool and test equipment for equipment to be installed and maintained.

d Additional equipment will be furnished to the team which this team augments on a project basis by the plant engineering branch, OCSigO.

e Additional special signal equipment will be provided on a project basis by the chief signal officer.

f Radio telegraph fixed stations will be furnished all necessary fixed plant signal equipment including antenna, power units, spare parts, tools, test equipment, and accessories to install, maintain and operate by the chief signal officer on a project basis.

PART IV—RADIO, FIXED STATIONS

SECTION I

ORGANIZATION

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
			Radio											
1 Unit	Specification serial No.	Technician grade	Radio telegraph fixed station 2-position	Radio telegraph fixed station 3-position	VHF installation and maintenance team	40-KW multi-channel radio teletype station	40-KW multiplex-radio teletype station	Signal center team	Radio link repeater-terminal team	Single-channel radio teletype station	Radio teletype code room team	Code room maintenance augmentation team	Code room operation augmentation team	Remarks
Type			EI	EJ	EK	EL	EM	EN	EO	EP	EQ	ER	ES	
2 Major						1	1	1						
3 Message center, fixed station	0222							(1)						
4 Radio engineer	7860					(a 1)	(b 1)							
5 Captain						1	1	1						
6 Radio maintenance and repair	7864					(1)	(b 1)							
7 Translations	9330							(1)						
8 Lieutenant c			1	2	1	4	4	1		2	3			
9 Cryptographic equipment, maintenance and repair	9606										(1)			
10 Message center (cryptographic)	0224													
11 Radio, fixed station	0502		(1)	(2)		((a 1; d 1; e 1) 4)	((b 3; f 1) 4)				(2)			
12 Radio VHF	0503				(1)					(2)				
13 Translations	9330							(1)						
14 Total commissioned			1	2	1	6	6	3		2	3			
15 Master sergeant														
16 Chief radio operator	777			1		1	1	1						
17 Transmitter attendant	649			(1)				(1)						
18 Technical sergeant			1	1	2	(e 1)	(b 1)							
19 Chief radio operator	777		(1)	(1)		4	4	2	1	1				
20 Chief radio repairman	648							(1)						
21 Cryptographic technician	805					(d 1)			(g 1)					
22 Radio repairman	649							(1)						
23 Radio repairman VHF	951				(1)	(a 1)	(b 1)							
24 Receiving station attendant	792						(f 1)							

a Should have completed voice frequency course, multi-channel school.

b Should have completed multiplex school.

c Not more than 50 percent of lieutenants within a numerically designated unit may be 1st lieutenants.

d Should have completed receiver course, multi-channel school.

e Should have completed transmitter course, multi-channel school.

f Should have completed two-tone school.

g This personnel need only be qualified to repair multi-channel radio carrier terminal and multi-channel radio re ay (AN/TRC-1, 3, and 4).

h To be specially trained by signal intelligence service.

i Also trained in teletypewriter operation and procedure.

j Must be trained to climb poles and erect army radio antennas.

k Also drives truck.

l To be trained by unit commander in operation and maintenance of small power units of approximately 2½KVA.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
				Radio											
	Unit	Specification serial No.	Technician grade	Radio telegraph fixed station 2-position	Radio telegraph fixed station 3-position	VHF installation and maintenance team	40-KW multi-channel radio teletype station	40-KW multiplex-radio teletype station	Signal center team	Radio link repeater-terminal team	Single-channel radio teletype station	radio teletype code room team	Code room maintenance augmentation team	Code room operation augmentation team	Remarks
	Type			EI	EJ	EK	EL	EM	EN	EO	EP	EQ	ER	ES	
25	Transmitter attendant	649					(a 2)	(b 2)			(f 1)				m Also telephone switchboard operator (650).
26	Wire repairman VHF	950				(1)									
27	Staff sergeant			1	2			2			1				
28	Radio repairman	649		(1)	(2)			(b2)							
29	Receiving station attendant	792									(f 1)				
30	Technician, grade 3			1	3	2	4	3	3	1	3	2		1	EI. *Radio telegraph fixed station.*—2-position provides personnel for the installation, maintenance, and operation of a single-channel Boehme operated radio station with the receiver and operation positions at one location and the transmitter remote controlled.
31	Technician, grade 4			3	5	4	11	10	4	2	6	1	1	1	
32	Technician, grade 5 including			5	8	5	14	13	6	2	8	2		2	
33	Private, first class					1			1						
34	Private								1						
35	Clerk, general	055	4						(1)						EI. *Radio telegraph fixed station.*—3-position provides personnel for the installation, maintenance and operation of a single-channel Boehme operated radio station where the receiver, transmitter, and operation positions are all at separate locations.
36	Clerk, general	055	5						(1)						
37	Cryptographic repairman (designated equipment).	801	3									(h 1)			
38	Cryptographic repairman (designated equipment).	801	4										(h 1)		
39	Cryptographic technician	805	3						(1)			(i 1)		(i 1)	EK. VHF *installation and maintenance team.*—Provides personnel for the installation and maintenance of VHF radio equipment.
40	Cryptographic technician	805	4						(1)			(i 1)		(i 1)	
41	Cryptographic technician	805	5						(1)			(i 2)		(i 2)	
42	Electrician	078	4			(1)									EL. 40-KW *multi-channel radio teletype station.*—Provides personnel for maintenance and operation of the transmitting, receiving, and signal center positions of a 40-KW radio teletype station normally supplying 3 channels. Normally this team must be augmented by 1, code room team EQ; 2, code room maintenance augmentation. ER; 4, code room operation augmentation ES.
43	Electrician	078	5			(1)									
44	Powerman	166	4	(1)	(2)	(1)	(4)	(4)			(k 2)				
45	Powerman	166	5	(k 2)	(k 2)	(1)	((k 2 (4))	(k 2 (4))							
46	Radio operator	776	3								(1)				
47	Radio operator	776	4					(2)			(2)				
48	Radio operator	776	5					(3)			(2)				
49	Radio operator	777	3	(1)	(1)		(2)		(2)						EM. 40-KW *multiplex radio teletype station.*—Provides personnel for maintenance and operation of the transmitting, receiving and signal center positions of a 40-KW 4-channel multiplex radio teletype station. This team must normally be augmented by 1 code room team. EQ; 2 code room maintenance augmentation ER; and 4 code room operation augmentation ES.
50	Radio operator	777	4	(1)	(1)		(3)		(2)						
51	Radio operator	777	5	(2)	(2)		(3)		(2)						
52	Radio repairman	648	3							(g 1)					
53	Radio repairman	648	4				(d 1)			(gl 2)					
54	Radio repairman	648	5				(d 1)			(gl 2)					
55	Radio repairman	649	3				(a 1)	(b 1)							
56	Radio repairman	649	4				(a 1)	(b 1)							

	Type			EI	EJ	EK	EL	EM	EN	EO	EP	EQ	ER	ES	
57	Radio repairman	649	5				(a 2)	(b 2)							
58	Radio repairman VHF	951	3			(2)									
59	Radio repairman VHF	951	4			(1)									
60	Radio repairman VHF	951	5			(2)									
61	Radio repairman, single channel teletype.	792	3					(1)			(1)				
62	Radio repairman, single channel teletype.	792	4					(1)			(1)				
63	Radio repairman, single channel teletype.	792	5					(2)			(2)				
64	Receiving station attendant	776	3		(1)										
65	Receiving station attendant	776	4		(1)										
66	Receiving station attendant	776	5		(2)		(2)								
67	Teletypewriter operator	237	5												
68	Teletypewriter operator	237							(m 2)						
69	Transmitting station attendant.	798	3		(1)		(1)	(1)	(m 2)		(1)				
70	Transmitting station attendant.	798	4	(1)	(1)		(2)	(2)			(1)				
71	Transmitting station attendant.	798	5	(1)	(2)		(2)	(2)			(2)				
72	Wire repairman VHF	950	4			(1)									
73	Wire repairman VHF	950	5			(1)									
74	Wire repairman, VHF	950				(1)									
75	Total enlisted			11	20	14	34	33	18	6	19	5	1	4	
76	Aggregate			12	22	15	40	39	21	6	21	8	1	4	
77	O Carbine, cal. .30			10	20	15	37	36	20	6	19	8	1	4	
78	O Gun, machine, Browning, heavy barrel, cal. .50			1	1		1	1		1	1				
79	O Gun, submachine, cal. .45			2	2		2	2			2				
80	O Pistol, automatic, cal. .145						1	1	1						
81	O Truck, ¼-ton			2	2		2	2			2				

EN. *Signal center team.*—Provides personnel experienced in both our own and friendly army communication procedure, communication equipment, and language. It is for use at an allied army headquarters to expedite and simplify communications between our army and the allied army.

EO. *Radio link repeater team.*—Normally employed for radio link repeater stations which must be used between terminals, team EF, either because of distance or terrain features. It can be used as a radio link terminal in conjunction with spiral 4 cable team, GP.

EP. *Single-channel radio teletype station.*—Provides personnel for the operation and maintenance of the transmitting, receiving, and signal center positions of a single-channel fixed radio teletype station with power up to, but not including 40-KW. This team must normally be augmented by 1 code room team, EQ.

EQ. *Radio teletype code room team.*—Provides personnel for operation and maintenance of electro-mechanical cryptographic equipment used in code room for a single-channel radio teletype station. When more radio teletypewriter channels are employed, this team must be augmented by one or more, code room maintenance augmentation ER, and code room operation augmentation ES.

ER. *Code room maintenance augmentation team.*—Used to augment radio teletype code room team, EQ. Add 1 team, ER for each 2 additional radio teletype channels.

ES. *Code room operation augmentation team*—Used to augment operators in radio teletype code room team, EQ. Add 1 team ES, for each additional radio teletype channel.

For specification serial numbers for officers, see TM12-406 and 12-407; for enlisted men, see TM12-427.

EQUIPMENT

CHEMICAL

1	2											3
	Allowances											
Item	Radio telegraph fixed station 2-position	Radio telegraph fixed station 3-position	VHF installation and maintenance team	40-KW multi-channel radio teletype station	40-KW multiplex-radio teletype station	Signal center team	Radio link repeater-terminal team	Single-channel radio teletype station	Radio teletype code room team	Code room maintenance augmentation team	Code room operation augmentation team	Basis of distribution and remarks
	EI	EJ	EK	EL	EM	EN	EO	EP	EQ	ER	ES	
Apparatus, decontaminating:												
1½-qt capacity, M2	2	2	----	2	2	----	----	2	----	----	----	1 per fuel consuming mtr vehicle outside continental US when atzd by T of Opns comdr.
3-gallon, M1	1	1	----	----	----	----	----	----	----	----	----	Outside continental US when atzd by T of Opns comdr.
Mask, gas, service, combat M5-11-7	12	22	15	40	39	21	6	21	8	1	4	1 per indiv (mask, gas, sv, lightweight, M3-10A1-6 or M3A1-10A1-6, or mask, gas, sv, will be issued in lieu of mask, gas, sv, combat, M5-11-7 as directed by WD).
Respirator, dust, M2	4	4	----	4	4	----	----	4	----	----	----	2 per wheeled fuel consuming mtr vehicle (respirator, dust, M1 will be issued until exhausted).

ENGINEER

Compass:												
Lensatic, luminous dial type, w/case	1	1	1	1	1	1	1	1	----	----	----	
Surveying, w/leather case and tripod	1	1	1	----	----	----	1	1	----	----	----	
Extinguisher, fire, carbon tetrachloride, 1-gallon	2	3	----	3	3	----	1	1	----	----	----	
Net, camouflage, cotton, shrimp, 22 x 22-Ft	2	2	----	2	2	----	----	2	----	----	----	1 per trk, ¼-ton, 4 x 4.
Pole, ranging, metal, tubular, 6-Ft. long, 6-In. red & white graduations, 2 sections, w/canvas case.	1	1	1	1	1	----	1	1	----	----	----	
Tape, measuring, steel, metric and US, 100-Ft	1	1	1	1	1	----	1	1	----	----	----	
Transit, engineer's 1-minute, complete	----	----	----	1	1	----	----	----	----	----	----	

MEDICAL

Type	EI	EJ	EK	EL	EM	EN	EO	EP	EQ	ER	ES	
Kit, First Aid, Motor Vehicle, 12-Unit	1	1	----	1	1	----	----	1	----	----	----	1 per 4 fuel consuming mtr vehicles or fraction thereof

ORDNANCE

Weapons and miscellaneous

Carbine, cal. .30, M2	10	20	15	37	36	20	6	19	8	1	4	1 per indiv not otherwise armed.
Gun:												
Machine, Browning, heavy barrel, cal. .50, M2 flexible.	1	1	----	1	1	----	1	1	----	----	----	
Submachine, cal. .45, M3	2	2	----	2	2	----	----	2	----	----	----	1 per driver, truck, ¼-ton, 4 x 4.
Mount, machine gun, cal. .50, AA M3	1	1	----	1	1	----	1	1	----	----	----	1 per MG, cal. .50.
Pistol, automatic, cal. 45, M1911A1	----	----	----	1	1	1	----	----	----	----	----	1 per off, fld gr.
Watch, wrist, 7 or 15 or more jewel	2	4	6	5	7	4	1	2	1	1	----	Outside continental US when atzd by T of Opns comdr.

Vehicles

Truck, ¼-ton, 4 x 4	2	2	----	2	2	----	----	2	----	----	----	

Motor transport equipment

Axe, handled, chopping, single bit, standard grade, 4-lb.	2	2	----	2	2	----	----	2	----	----	----	1 per fuel consuming mtr vehicle.
Defroster and Deicer, electric, windshield	2	2	----	2	2	----	----	2	----	----	----	1 per trk ¼-ton, when atzd by army comdr or outside continental US when atzd by T of Opns comdr.
Rope, tow 20′ long 1″ dia	2	2	----	2	2	----	----	2	----	----	----	1 per fuel consuming mtr vehicle, under 1½-ton.
Shovel, general purpose, D-handled, strapback round point, No. 2.	2	2	----	2	2	----	----	2	----	----	----	1 per trk, ¼-ton.

QUARTERMASTER

Organizational clothing

Mittens, Asbestos, M-1942	2	2	----	2	2	----	2	2	----	----	----	2 per MG cal. .50.

Individual equipment

Bag, Canvas Field, OD, M-1936	12	22	15	40	39	21	6	21	8	1	4	1 per indiv.
Belt, Pistol or Revolver, M-1936	12	22	15	40	39	21	6	21	8	1	4	1 per indiv armed w/carbine or pistol; indiv not otherwise furnished belt.
Cover:												
Canteen, Dismounted, M-1910	12	22	15	40	39	21	6	21	8	1	4	1 per indiv.
Canvas, Muzzle, Rifle or Carbine	10	20	15	37	33	20	6	19	8	1	4	1 per carbine, when atzd by CG, Army or outside continental US when atzd by T of Opns comdr.

1	2											3
	Allowances											
Item	Radio telegraph fixed station 2-position	Radio telegraph fixed station 3-position	VHF installation and maintenance team	40-KW multi-channel radio teletype station	40-KW multiplex-radio teletype station	Signal center team	Radio link repeater-terminal team	Single-channel radio teletype station	Radio teletype code room team	Code room maintenance augmentation team	Code room operation augmentation team	Basis of distribution and remarks
Type	EI	EJ	EK	EL	EM	EN	EO	EP	EQ	ER	ES	
Pocket, Magazine:												
Double-Web, EM, M-1923	----	----	----	1	1	1	----	----	----	----	----	1 per indiv armed w/pistol.
For Carbine, cal. .30	20	40	30	74	72	40	12	33	16	2	8	2 per indiv armed w/carbine, cal. .30.
Strap, Carrying, General Purpose	12	22	15	40	39	21	6	21	8	1	4	1 per indiv (strap, carrying, bag, canvas, fld, od, M-1936 issued until exhausted).
Suspenders, Belt, M-1936	12	22	15	40	39	21	6	21	8	1	4	1 per indiv.
Organizational equipment												
Axe, Intrenching, M-1910, With-Handle	1	2	1	4	3	2	1	2	1	----	1	1 per 10 EM outside continental US when atzd by T of Opns comdr.
Bag, Carrying, Ammunition	2	2	----	2	2	----	----	2	----	----	----	1 per SMG, cal. .45, M3.
Bucket, Canvas, Water, 18-Qt	2	2	----	2	2	----	----	2	----	----	----	1 per fuel consuming mtr vehicle.
Burner, Oil Stove, Tent, M-1941	----	----	----	----	----	----	2	----	----	----	----	1 per stove tent M-1941, when atzd by WD.
Can, Water, 5-Gallon	2	4	3	8	8	4	1	4	2	----	1	1 per 5 indivs or maj fraction thereof.
Carrier:												
Axe, Intrenching, M-1910	1	2	1	4	3	2	1	2	1	----	1	1 per axe, intrenching, M1910, w/handle.
Pick-Mattock, Intrenching, M-1910	2	4	3	7	7	4	1	4	1	----	1	1 per pick-mattock, intrenching, M-1910, w/handle.
Shovel, Intrenching, M-1943	8	14	10	23	23	12	4	13	3	1	2	1 per shovel, intrenching, M-1943 (carr, shovel, intrenching, M-1910 to be issued when shovel, intrenching, M-1910 is issued).
Case, Canvas, Dispatch	1	2	1	6	6	3	----	2	3	----	----	1 per off.
Chair, Folding	----	----	----	6	6	----	----	4	2	----	1	
Drum, Inflammable-Liquid (Gasoline), Steel, with-Carrying-Handle, Capacity 5-Gal.	2	2	----	2	2	----	----	2	----	----	----	1 per trk, ¼-ton, 4 x 4.
Goggles, M-1944	5	5	----	5	5	----	1	5	----	----	----	2 per fuel consuming mtr vehicle; 1 per MG.
Kit, Sewing	1	2	1	3	3	2	1	2	----	----	----	1 per 12 EM or maj fraction thereof.
Lantern, Gasoline, Leaded Fuel	1	1	----	3	3	----	1	3	1	----	----	

Type	EI	EJ	EK	EL	EM	EN	EO	EP	EQ	ER	ES	
Machete, 18-Inch-Blade, M-1942	----	----	----	----	----	----	1	----	----	----	----	
Outfit, Cooking, 2-Burner	----	----	----	----	----	----	1	----	----	----	----	
Panin, Canvas, Small	----	----	----	----	----	----	1	----	----	----	----	
Pick-Mattock, Intrenching, M-1910, With-Handle	2	4	3	7	7	4	1	4	1	----	1	2 per 10 EM outside continental US when atzd by T of Opns comdr.
Saw, Crosscut:												
2-Man, length 6-Ft	----	----	----	----	----	----	1	----	----	----	----	
Hand, length (cutting edge) 24-Inch, 8-Point	----	----	----	----	----	----	1	----	----	----	----	
Sheath, Machete, 18-Inch Blade, M-1942	----	----	----	----	----	----	1	----	----	----	----	1 per machete, 18-inch-blade, M-1942.
Shovel, Intrenching, M-1943	8	14	10	23	23	12	4	13	3	1	2	7 per 10 EM outside continental US when atzd by T of Opns comdr (shovel, intrenching, M-1910 to be issued until exhausted).
Sledge, Blacksmith, Double-Faced, 6-Lb	----	----	----	----	----	----	1	----	----	----	----	
Stone, Sharpening, Pocket	----	----	----	----	----	----	1	----	----	----	----	
Stove, Tent, M-1941, Complete	----	----	----	----	----	----	2	----	----	----	----	2 per tent sqd when atzd by CO.
Table, Camp, Folding	----	----	----	2	2	----	1	2	1	----	----	
Tent, Squad, M-1942, Complete (With-Pins-and-Poles.)	----	----	----	----	----	----	1	----	----	----	----	
Tube, Flexible-Nozzle	2	2	----	2	2	----	----	2	----	----	----	
Typewriter, Portable, With-Carrying-Case	----	----	----	----	----	1	----	----	----	----	----	
Whistle, Thunderer	3	6	7	5	7	3	1	2	2	----	----	
SIGNAL												
Converter M-209-( )	----	----	----	----	----	----	----	----	2	----	1	
Flashlight TL-122-( )	5	8	7	13	15	7	1	6	4	1	----	
Lantern MX-290/GV	1	1	----	1	1	----	----	1	1	----	----	
Lineman's Equipment TE-21	4	4	4	4	4	----	----	3	----	----	----	
Multimeter I-239-( )	1	2	2	4	4	----	3	1	----	----	----	Per tool equip TE-113.
Tool Equipment:												
TE-33	4	6	4	8	8	----	2	3	----	----	----	
TE-49-( )	----	----	1	----	----	----	----	----	----	----	----	
TE-50 A	----	----	----	----	----	----	----	----	1	1	----	
TE-113 or TE-45 and TE-48	1	2	2	4	4	----	3	1	----	----	----	
Typewriter MC-88	----	----	----	----	----	5	----	----	----	----	----	
Special equipment notes	(a)	(a)	(b)	(a)	(a)	----	(c)	(a)	(d)	(d)	(d)	

a Radio telegraph fixed stations will be furnished all necessary fixed plant signal equipment including antennas, power units, spare parts, tools, test equipment, and accessories to install, maintain and operate by the chief signal officer on a project basis on approval of the WD.

b VHF Installation and maintenance-team will be issued tools and equipment for installing and maintaining specific types of installation by the chief signal officer on a project basis on approval of the WD.

c Special signal equipment will be provided for this team on a project basis by the chief signal officer to include all tools, test equipment, power units, and spare parts, on approval of the WD.

d Special radio teletype code room equipment including all tools, test equipment, power units and spare parts will be furnished on a project basis by signal intelligence service, and plant engineering agency, office of the chief signal officer, on approval of the WD.

PART V—PHOTOGRAPHIC

SECTION I

ORGANIZATION

1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
				Photographic											
1	Unit	Specification serial No.	Technician grade	Photographic assignment team	Photographic laboratory team	Newsreel assignment team	Identification team	Still picture laboratory team	Telephoto transmission team	Photographic maintenance team	Photographic production team	Film and equipment exchange team class A	Film and equipment exchange team class B	Film and equipment exchange team class C	Remarks
	Type			FA	FB	FC	FD	FE	FF	FG	FH	FI	FJ	FK	
2	Major				1										a Theater photographic technical officer.
3	Photographic unit commander	S500			(a 1)										b May be assigned in grade of major when captain is not available. This is not authority for position vacancy for promotion.
4	Captain				1						1	1			
5	Film distribution	S522										(1)			c Not more than 50 percent of lieutenants within a numerically designated unit may be first lieutenants.
6	Motion picture laboratory supervisor	S515			(1)										
7	Photography director	S511									(b 1)				
8	Lieutenant c			1		1					5	1	1		
9	Film distribution	S522										(1)	(1)		d May be assigned in grade of captain, when 1st lieutenant is not available. This is not authority for position vacancy for promotion.
10	Motion picture cameraman	S530		(1)		(1)									
11	Motion picture coordinating	S520									(d 1)				
12	Motion picture editor	S516									(1)				e Also drives truck.
13	Scenario writer	S521									(d1(2))				f To be specially trained in operation and repair of telephoto equipment.
14	Sound recording	S517									(1)				g Also administration NCO.
15	Total commissioned			1	2	1					6	2	1		h Also trained as projectionist.
16	Master sergeant				1										FA. *Photographic assignment team*—Provided for taking of still or motion pictures in a combat area.
17	Laboratory supervisor	134			(1)										FB. *Photographic laboratory team*—Provides the personnel for a theater photographic laboratory. Personnel and equipment are provided for the processing of both still and motion picture film. Photographic laboratory equipment repair above 3d echelon is not done by this unit and should be referred to
18	Technical sergeant				1						1				
19	Laboratory supervisor	134			(1)										
20	Motion picture cameraman	043									(e 1)				
21	Staff sergeant							1	1		1	1			
22	Photographic darkroom supervisor	945						(1)							

	Type			FA	FB	FC	FD	FE	FF	FG	FH	FI	FJ	FK	
23	Projectionist	137										(1)			the signal base maintenance company, T/O&E 11-557 or the photographic maint team FG.
24	Radio repairman	648							(f 1)						
25	Supply	821									(g 1)				FC. *Newsreel assignment team*—Capable of taking both still and motion pictures, but its primary purpose is to take motion pictures in the zone of communications and combat areas.
26	Sergeant														
27	Clerk, general	055			1							1	1	1	
28	Photographic darkroom supervisor	945			(1)							(1)	(e 1)	(1)	
29	Corporal														FD. *Identification team*—Provided to take and process identification pictures only.
30	Photographer, cameraman, still	152					1					1	1	1	
31	Supply clerk	836					(1)								
32	Technician, grade 3											(1)	(1)	(1)	FE. *Still picture laboratory team*—Team FE should process material of 2 FA teams and as many as 2 FC teams in addition. This team should not be used if Team "FB" is utilized.
33	Technician, grade 4			1	1	1					1				
34	Technician, grade 5 including			1	5	2		1	1	2	4	1	1		
35	Private, first class			2	6	3		1	1	1	3	1	1		
36	Private				4		2	1	1			2	1	1	
37	Camera repairman	042	4		4		1	1	1			1	1		FF. *Telephoto transmission team*—Provides personnel for the installation, operation and maintenance of telephoto equipment at a single station.
38	Camera repairman	042	5		(e 1)					(1)					
39	Carpenter	050			(e 1)										FG. *Photographic maintenance team*—Provides 4th and 5th echelon maintenance of photographic and projector equipment in theaters of operation.
40	Chemical laboratory assistant	411	5		(1)										
41	Clerk, general	055					(1)					(2)	(1)		FH. *Signal photographic production team*—Basic photographic unit in the communication zone for:
42	Clerk, typist	405	5									(1)	(1)		
43	Electrician, motion picture	132	5								(e 1)				a. Making motion picture reports on personnel, matériel, conditions and techniques in the development and proper use of all weapons and means of warfare, for the use of staff agencies as authorized by the War Department.
44	Film cutter, motion picture	131			(1)										
45	Film editor, motion picture	131	4		(1)										
46	Film editor, motion picture	131	5		(1)						(2)				
47	Film recorder, motion picture sound	208	4												
48	Film recorder, motion picture sound	208	5			(1)					(1)				
49	Laboratory sensitometrist	134	3		(1)										b. Production of special features of news, publicity, and historical records of current campaigns, for public release and for training films when authorized by the War Department.
50	Laboratory technician, motion picture.	134	4		(1)										
51	Laboratory technician, motion picture.	134	5		(2)										c. This unit for use of chief signal officer only when authorized by War Department.
52	Laboratory technician, motion picture.	134			(3)										
53	Motion picture cameraman	043	3	(1)		(1)					(1)				FI. *Film and equipment exchange team class A*—Consolidates all requests for films, projectors, and other equipment; maintains depot stock of films; maintains stock control of all films and projectors for all film and equipment exchanges (FJ and FK) in theater. In addition, serves minimum of 75,000 troops at theater headquarters and other units not served by class B or class C film and equipment exchanges with projectors and films for training, orientation, entertainment, education or other designated purposes; and performs class B and class C film and equipment exchange functions in serving those troops.
54	Motion picture cameraman	043	4		(e 1)						(e 1)				
55	Motion picture cameraman	043	5	(e 1)	(e 2)						(e 1)				
56	Photographer	152				(1)									
57	Photographer, news	152	4	(e 1)	(e 1)										
58	Photographer, news	152	5	(e 1)											
59	Photographic darkroom man	945	4		(1)		(1)								
60	Photographic darkroom man	945	5		(1)		(1)								
61	Photographic darkroom man	945			(3)	(1)	(2)								
62	Photoradio operator	803	4						(1)						
63	Photoradio operator	803	5						(1)						
64	Photoradio operator	803							(2)						
65	Powerman	156	4		(h 1)										
66	Projectionist	137													
67	Projector repairman	206	4									(e 1)	(e 1)	(e 1)	
68	Projector repairman	206	5							(1)		(1)	(1)		
										(1)					

FJ. *Film and equipment exchange team class B*—

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	Unit	Specification serial No.	Technician grade	Photographic											Remarks
				Photographic assignment team	Photographic laboratory team	Newsreel assignment team	Identification team	Still picture laboratory team	Telephoto transmission team	Photographic maintenance team	Photographic production team	Film and equipment exchange team class A	Film and equipment exchange team class B	Film and equipment exchange team class C	
	Type			FA	FB	FC	FD	FE	FF	FG	FH	FI	FJ	FK	
69	Utility repairman	121	5								(21)				Serves 60,000 troops with training, orientation, entertainment, education and other designated films, 16-mm motion picture and 35-mm film strip projectors; maintains and repairs films; performs 1st and 2d echelon projector repairs; and trains projectionists.
70	Total enlisted			4	23	6	4	5	5	3	10	8	6	3	
71	Aggregate			5	25	7	4	5	5	3	16	10	7	3	
72	O Carbine, cal. .30			5	24	7	4	5	5	3	16	10	7	3	
73	O Pistol, automatic, cal. .45				1										
74	O Trailer M-18				1										
75	O Trailer, ¼-ton														
76	O Truck, ¼-ton			2	1	1					3	1	1	1	
77	O Truck, ¾-ton, weapons carrier			1	1	2					3				

FK. *Film and equipment exchange team class C*—Serves isolated units or schools of 10,000 troop strength, and performs the same functions as class B film and equipment exchange.

For specification serial numbers for officers see TM 12-406 and 12-407, for enlisted men see TM 12-427.

SECTION II
EQUIPMENT

CHEMICAL

1	2											3
Item	Allowances											Basis of distribution and remarks
	Photographic assignment team	Photographic laboratory team	Newsreel assignment team	Identification team	Still picture laboratory team	Telephoto transmission team	Photographic maintenance team	Photographic production team	Film and equipment exchange team class A	Film and equipment exchange team class B	Film and equipment exchange team class C	
Type	FA	FB	FC	FD	FE	FF	FG	FH	FI	FJ	FK	
Apparatus, decontaminating, 1½-qt capacity, M2.	3	2	3					6	1	1	1	1 per fuel consuming mtr vehicle outside continental US when atzd by T of Opns comdr.
Curtain, gasproof, M1									2			Outside continental US when atzd by T of Opns comdr.
Kit, chemical agent detector, M9									1			Do.
Mask, gas, service, combat, M5-11-7	5	25	7	4	5	5	3	15	10	7	3	1 per indiv (mask, gas, sv, lightweight M3-10-A1-6 or M3A1-10A1-6, or mask, gas, sv, will be issued in lieu of mask, gas, sv, combat, M5-11-7 as directed by WD).
Respirator, dust, M2	5	4	6					12	2	2	2	2 per wheeled fuel consuming mtr vehicle (respirator, dust, M1 to be issued until exhausted).

ENGINEER

Cable, 2 conductor, round, 600 volt, rubber insulated, stranded, No. 14 AWG, stranded 84 strands, NEC type S, 100 ft. long, complete.								3	10	5	2	

1	2											3
	Allowances											
Item	Photographic assignment team	Photographic laboratory team	Newsreel assignment team	Identification team	Still picture laboratory team	Telephoto transmission team	Photographic maintenance team	Photographic production team	Film and equipment exchange team class A	Film and equipment exchange team class B	Film and equipment exchange team class C	Basis of distribution and remarks
Type	FA	FB	FC	FD	FE	FF	FG	FH	FI	FJ	FK	
Compass:												
Lensatic, luminous dial type, w/case								3				
Wrist, liquid filled	3		3					4				
Extinguisher, fire:												
Carbon tetrachloride:												
1-Qt., w/wall brackets		1			1							
1-Gal		3						1	1	1	1	Outside continental US when atzd by T of Opns comdr.
Water, 4-gallon, demountable nestable pump type.		1						1	2	1	1	Do.
Glass, magnifying, self-illuminating, 2-In. diameter, 5-power, reading, 2-In., w/stand.								2				
Marker, luminous, radioactive, Type I								24	2	2	2	
Net, camouflage, cotton, shrimp:												
22 x 22-Ft	2	1	1					3	2	2	2	1 per trk, ¼-ton; tlr ¼-ton.
29 x 29-Ft	1	2	2					3				1 per trk, ¾-ton; tlr M-18.
Tape, measuring steel, Metric and U.S. 100-Ft.								2				
Trailer, Tilting type, searchlight 60-In, 4 wheel, M-1.		1										Not atzd when tlr M-18 (Ord item) is issued.
MEDICAL												
Kit, First Aid, Motor Vehicle, 12-Unit	1	1	1					2	1	1	1	1 per 4 fuel consuming mtr vehicles or fraction thereof.

Type	FA	FB	FC	FD	FE	FF	FG	FH	FI	FJ	FK	
ORDNANCE												
Weapons and miscellaneous												
Carbine, cal. .30, M2	5	24	7	4	5	5	3	16	10	7	3	1 per indiv not otherwise armed.
Pistol, automatic, cal. .45, M1911A1		1										1 per fld off.
Unit Generator M-18		1										
Watch, wrist, 7 or 15 or more jewel	1	2	1	1	1	1						Outside continental US when atzd by T of Opns comdr.
Vehicles												
Trailer:												
M-18		1										Substitute (engr item) tlr, tilting type, slt 60-In, 4 wheel, M-1 until tlr M-18 is available.
¼-ton, 2-wheel, cargo												
Truck:												
¼-ton, 4 x 4	2	1	1						1	1	1	
¾-ton, 4 x 4, weapons carrier	1	1	2					3	1	1	1	
Motor transport equipment								3				
Axe, handled, chopping, single-bit, standard grade, 4-lb.	3	2	3					6	1	1	1	1 per fuel consuming mtr vehicle.
Defroster and Deicer, electric, windshield	3	2	3					6	1	1	1	1 per trk when atzd by army or T of Opns comdr.
Mattock, handled, pick, type II, class F, 5-lbs.	1	1	2					3				1 per trk, ¾-ton, 4 x 4.
Rope, tow, 20′ long, 1″ dia	3	2	3					6	1	1	1	1 per fuel consuming mtr vehicle under 1½-ton capacity, except mtrcl.
Shovel, general purpose, D-handled, strap-back, round point No. 2.	3	2	3					6	1	1	1	1 per fuel consuming mtr vehicle except combat vehicles, passenger cars and mtrcl.
Tool Set, (Complete with tools):												
Battery Experts								1				
General Mechanics		1										1 per powerman (166).

QUARTERMASTER

Individual equipment

1	2											3
	Allowances											
Item	Photographic assignment team	Photographic laboratory team	Newsreel assignment team	Identification team	Still picture laboratory team	Telephoto transmission team	Photographic maintenance team	Photographic production team	Film and equipment exchange team class A	Film and equipment exchange team class B	Film and equipment exchange team class C	Basis of distribution and remarks
Type	FA	FB	FC	FD	FE	FF	FG	FH	FI	FJ	FK	
Bag, Canvas, Field, OD, M-1936	5	25	7	4	5	5	3	16	10	7	3	1 per indiv.
Belt, Pistol or Revolver, M-1936	5	25	7	4	5	5	3	16	10	7	3	1 per indiv armed w/carbine or pistol; per indiv not otherwise issued cartridge belt.
Cover:												
Canteen, Dismounted, M-1910	5	25	7	4	5	5	3	16	10	7	3	1 per indiv.
Canvas, Muzzle, Rifle or Carbine	5	24	7	4	5	5	3	16	10	7	3	1 per rifle, US cal. .30, M1903A1 or carbine when atzd by CG army or outside continental US when atzd by T of Opns comdr.
Pocket, Magazine:												
Double-Web, EM, M-1923		1										1 per indiv armed w/pistol.
For Carbine, Cal. .30	10	48	14	8	10	10	6	32	20	14	6	2 per indiv armed with carbine, cal. .30.
Strap, Carrying, General Purpose	5	25	7	4	5	5	3	16	10	7	3	1 per indiv (strap, carrying, bag, canvas, fld, OD, M-1936 will be issued in lieu thereof until exhausted).
Suspenders, Belt, M-1936	5	25	7	4	5	5	3	16	10	7	3	1 per indiv.
Organizational equipment												
Axe, Intrenching, M-1910, With Handle	1	2	1	1	1	1	1	1	1	1	1	1 per 10 EM in T of Opns.
Bag, Delousing		1						1	1			1 per 20 indiv or maj fraction thereof in areas where louse-borne typhus is high when atzd by WD.
Bucket, Canvas, Water, 18-Qt	3	2	3					6	1	1	1	1 per fuel consuming mtr vehicle.
Can, Water, 5-Gallon	1	5	1	1	1	1	1	3	2	1	1	1 per 5 indiv or maj fraction thereof.

Type	FA	FB	FC	FD	FE	FF	FG	FH	FI	FJ	FK	
Carrier:												
Axe, Intrenching, M-1910	1	2	1	1	1	1	1	1	1	1	1	1 per axe, intrenching, M-1910.
Pick-Mattock, Intrenching, M-1910	1	4	2	1	1	1	1	2	1	1		1 per pick-mattock, intrenching, M-1910
Shovel, Intrenching, M-1943	2	17	3	2	3	3	1	7	6	4	2	1 per shovel, intrenching, M-1943 (carr, shovel, intrenching, M-1910 to be issued when shovel, intrenching, M-1910 is issued).
Case, Canvas Dispatch								6	2	1		1 per off.
Chair, Folding	1	2	1					6	4	2	2	
Chest, Record, Fiber								1				
Desk, Field (Empty), Fiber, Company								1				
Drum, Inflammable-Liquid (Gasoline), Steel, With-Carrying-Handle, Capacity 5-Gal.	4	4	5					9	1	1	1	1 per trk, ¼-ton; 2 per trk, ¾-ton; 1 per unit generator M-1S.
File, Paper, Clip, Wood Back								6	3	3	1	
Goggles M-1944	6	4	6					12	2	2	2	2 per fuel consuming mtr vehicle.
Kit, Sewing		2	1					1	1	1		1 per 12 EM or maj fraction thereof.
Lantern, Gasoline, Leaded Fuel								2				
Machete, 18-Inch-Blade, M-1942						1						
Perforator, Non-Adjustable, Two-Hole	1	4	2	1	1	1	1	1				
Pick-Mattock, Intrenching, M-1910, With-Handle								2	1	1		2 per 10 EM outside continental US when atzd by T of Opns comdr.
Sheath, Machete, 18-Inch Blade, M-1942		2			1	1						1 per machete, 18-inch-blade, M-1942.
Shears, Office, Bankers', 9-In	2	17	3	2	3	3	1	1	1	1		7 per 10 EM outside continental US when atzd by T of Opns comdr (shovel, intrenching, M-1910 to be issued until exhausted).
Shovel, Intrenching, M-1943								7	6	4	2	
Stone, Sharpening, Pocket												
Table, Camp, Folding		1				1						
Tool Set, (Complete with-tools):												
Carpenters':												
No. 1								4	2	1	1	
No. 2		1										
Electricians' No. 1												
Tube, Flexible-Nozzle							1	1				
Typewriter, Portable, With-Carrying-Case	3	3	3					1				1 per cptr (050).
Whistle, Thunderer		1				1		6	1	1	1	1 per fuel consuming mtr vehicle; per unit generator M-1S.
SIGNAL												
Adapter PH-276								4	2	1	1	
Apron, MC-90								1	2	2	1	
Bag PH-105		4			2	e 3		4				
Barney (Soundproof camera cover)	2		2	1		1						e. Atzd only when telephoto team is not assigned or attached to, or working in conjunction with, a photo unit.
Barrel PH-305		6						4				
Blower, Syringe								2				
								4				

1	2											3
	Allowances											
Item	Photographic assignment team	Photographic laboratory team	Newsreel assignment team	Identification team	Still picture laboratory team	Telephoto transmission team	Photographic maintenance team	Photographic production team	Film and equipment exchange team class A	Film and equipment exchange team class B	Film and equipment exchange team class C	Basis of distribution and remarks
Type	FA	FB	FC	FD	FE	FF	FG	FH	FI	FJ	FK	
Box PH-143		2			2	4						
Brush PH-70-A	2	4	2	1	1	3		9				
Camera:												
PH-120-A		1										
PH-270			1					1				
PH-274								1				
PH-324 or Camera Equipment Leica-Type AN/GFQ-2.	3		1									
PH-330-A								1				Nonstandard.
PH-330-G	3		3					1				
PH-430	1							2				
PH-431	1							1				
PH-274-A								1				Nonstandard (not to be issued if Camera PH-270 is issued).
Equipment, Leica-Type, AN/GFQ-2								1				Nonstandard.
Equipment PH-104	2		1			1		1				
Tool Equipment PH-404								1				
Can PH-304								1				
Case:												
CY-115/PF									24			
CY-116/PF									24	12	6	
CS-22									4			
PH-291									20			
PH-292									20			
PH-336									48	24	12	
PH-338									48	24	12	
PH-339									48	24	12	
Charging Set SCR-169								1				
Chest BC-5		1		1	1	1		4				

Type	FA	FB	FC	FD	FE	FF	FG	FH	FI	FJ	FK	
Clip PH-165		24			20	6						
Cover, Camera, waterproof								9				
Cup:												
PH-60		1				e 2						
PH-61												e Atzd only when telephoto team is not assigned or attached to, or working with, a photo unit.
Darkroom PH-392		1				e 3						Do.
Densitometer PH-326		1			1							
Desk, PH-190					1	e 1						
Developing:												
Equipment PH-253		1		1								Do.
Machine PH-298		1										
Dryer:												
PH-75		1				1						
PH-288	4		4		1	e 1						
Exposure Meter PH-77-C						e 1		4				Do.
Facsimile Equipment RC-120						1						Do.
Film:												
Examining Machine:												
PH-179		1						1				
PH-319		1						1				
Notcher PH-328		1										
Repair Equipment PH-206												
Winder PH-254												
Flange PH-289		5			1			1	3	2	1	
Flashlight TL-122-( )	5	7	5	1	1	1	3	1				
Funnel:								15	4	2	1	
PH-174		2										
PH-175		2				e 1						
Glass PH-162		1			1							
Gloves PH-46		3										Do.
Graduate:					2							
PH-10		1										
PH-11		3			1							
PH-39		2										
Handbook of American Society of Cinematographers.						e 3						
Hanger PH-71		36						1				Do.
Holder:					48	e 24						Nonstandard.
PH-181		24										
PH-169		1				e 12						e Atzd only when telephoto team is not assigned or attached to, or working with, a photo unit.
PH 349												
Identification Equipment PH-385		1		1		e 1						
Jug PH-297		1			1	e 6						
Knife PH-50						e 3						

1	2											3
	Allowances											
Item	Photographic assignment team	Photographic laboratory team	Newsreel assignment team	Identification team	Still picture laboratory team	Telephoto transmission team	Photographic maintenance team	Photographic production team	Film and equipment exchange team class A	Film and equipment exchange team class B	Film and equipment exchange team class C	Basis of distribution and remarks
Type	FA	FB	FC	FD	FE	FF	FG	FH	FI	FJ	FK	
Lamp:												
PH-207-A		5			1			2				
PH-208		4			1	c 2						c Atzd only when telephoto team is not assigned or attached to, or working with, a photo unit.
PH-216-A												
Equipment PH-218		1						4				
PH-219		1				c 1						
Lantern, MX-290/GV		1			1		1		1	1	1	
Lens:												
Assembly PH-277	1		1			1		1				
PH-332		1										
Lens (w/objective view finder):												
25 MM in Mitchell or wall mount								2				Nonstandard, 1 per PH-270, PH-274.
25 MM in Eyemo mount								2				Nonstandard, 1 per PH-330-A, PH-330-C.
35 MM or 40 MM in Mitchell or wall mount.								2				Nonstandard, 1 per PH-270, PH-274.
150 MM in Mitchell or wall mount								2				Do.
150 MM in Eyemo mount								2				Nonstandard, 1 per PH-330-A, PH-330-C.
10" or 12"								2				Do.
10" or 12" w/cradle support								2				Nonstandard, 1 per PH-270, PH-274.
15" or 17" w/cradle support								2				Do.
Multimeter 1-239-( )												
Paddle PH-80		1			1	1						
Panel Set AP-50-( )								1				
Photographic Set PH-261					1							

Type	FA	FB	FC	FD	FE	FF	FG	FH	FI	FJ	FK	
Plate:												
PH-152-( )		24			20							
PH-153						c 6						
Power Unit PE-75-( )												Limited standard-to be issued until present sup is exhausted
Printer:									4	4	1	c Atzd only when telephoto team is not assigned or attached to, or working with, a photo unit.
PH-13-A						c 1						
PH-51-B												c Atzd only when telephoto team is not assigned or attached to, or working with, a photo unit.
PH-67		1										
PH-87		1										
PH-129		1										
PH-192												
Print Straightener PH-146		1			1	1						
Processing Equipment:		1			1							
PH-395						1						
PH-406		1		1								
Projector:		1			2			1				
PH-222												
PH-405												
Equipment PH-131		1							20	10	5	
Equipment PH-132		1										
Tool Equipment PH-136									90	72	12	Non-standard.
Psychrometer ML-24		1					2		10	3	1	
Rack:		1										
PH-213												
PH-214		1										
Recorder PH-271		1										
Reel:			1					1				
PH-235												To be issued only with camera PH-270.
PH-282		50							12	8		
PR-310									36	24	8	
PH-312		50							36	24	8	
PH-335									36	24	12	
Repair Set PH-189									4			
Reproducing Equipment (Transcription) MC-364.							1					
Rewinder:									2	2	1	
PH-92		1						2				
PH-242		1						1	2	2	1	
PH-355		1										
Roller PH-204		1			1	1						
Safelight:		5			1							
PH-363		1			1							
PH-364		1			1							
PH-365		1			1							
PH-366												

1	2											3
	Allowances											
Item	Photographic assignment team	Photographic laboratory team	Newsreel assignment team	Identification team	Still picture laboratory team	Telephoto transmission team	Photographic maintenance team	Photographic production team	Film and equipment exchange team class A	Film and equipment exchange team class B	Film and equipment exchange team class C	Basis of distribution and remarks
Type	FA	FB	FC	FD	FE	FF	FG	FH	FI	FJ	FK	
PH-386		1										
PH-387		5			1							
PH-388		1			1	e 2						e Atzd only when telephoto team is not assigned or attached to, or working with, a photo unit.
PH-393						2						
Scale:												
PH-14-A		2			1	1						
PH-115		2			1							
Scissors, Electricians 5"								3				
Sensitometer PH-329		1										
Siphon PH-244		1				e 1						Do.
Slate:												
PH-384								4				
Scene, w/clap-sticks								2				
Sound Recording Equipment PH-346								1				To be issued only with camera PH-274-A.
Splicer PH-91-A		2						1	2	1	1	
Squeegee PH-348						2						
Stand, Desk Microphone (6C201C/s5)								1				
Synchronizer PH-343		1						1				
Table:												
PH-102-A		4										
PH-315		1						2				
Tank:												
PH-122-A		1										
PH-127		1										

Type	FA	FB	FC	FD	FE	FF	FG	FH	FI	FJ	FK	
PH-185		1			1	e 4						e Atzd only when telephoto team is not assigned or attached to, or working with, a photo unit.
PH-186					1							
PH-256		1										
Thermometer PH-28		4			3	e 4						Do.
Timer:												
PH-29		2										
PH-109		1			1	2						
Tool:												
Equipment:												
TE-5 or TE-29									1	1	1	
TE-113 or TE-45 and TE-43						1						
Set:												
PH-434							1					
PH-500/PFM							1					
Transformer PH-281									6	6	4	
Tray:												
PH-158-A		1				e 4						Do.
PH-161-A		1				e 4						Do
PH-166-A		1										
PH-173-A		1										
Trimmer:												
PH-8		1										
PH-220						e 1						
Tripod PH-524/PF								2				
Washer PH-240-( )		1			1	1						
Wrench Equipment TE-9									1	1	1	
Wringer PH-224-A		1			1							
Special Telephoto Equipment						(a)						a Sp telephoto equipt will be furnished on a project basis by the Army Com Sv, Of SigO with the approval of the WD.

PART VI—WIRE OPERATION

SECTION I

ORGANIZATION

1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
				Wire											
1	Unit	Specification serial No.	Technician grade	40-line switchboard team	1-position switchboard team	2-position switchboard team	3-position switchboard team	200-station automatic switchboard team	Switchboard installation team	Switchboard operating team	Switchboard operating team	Teletype team	Teletype team	Teletype team	Remarks
	Type			GA	GB	GC	GD	GE	GF	GG	GH	GI	GJ	GK	
2	Lieutenant a					1	1	1	1					b 1	
3	Telephone and telegraph, inside plant.	0410				(1)	(1)	(1)	(1)					(b1)	
4	Total commissioned					1	1	1	1					1	
5	Master sergeant						1	1							
6	Wire chief	261					(1)	(1)							
7	Technical sergeant					1	1	1	1						
8	Chief switchboard installer	115							(1)						
9	Wire chief	261				(1)	(1)	(1)							
10	Staff sergeant				1	1	1		1		1		1	1	
11	Chief switchboard installer	115							(1)						
12	Chief telephone switchboard operator.	650					(1)				(1)				
13	Chief teletypewriter operator	237											(1)	(1)	
14	Wire chief	261			(1)	(1)									
15	Sergeant			1							1	1			
16	Chief installer-repairman	097		(1)											
17	Chief telephone switchboard operator.	650									(1)				
18	Chief teletypewriter operator	237										(1)			
19	Corporal									1					

a Not more than 50 percent of lieutenants within a numerically designated unit may be first lieutenants.

b To be trained in teletypewriter maintenance.

c Also drives truck.

GA. *40-line switchboard team*—Provided for the installation, operation and maintenance of small 1-position magneto type switchboard including the installation and repair of telephones (such as 1-position TC-4 or 2-position TC-12).

GB. *1-position switchboard team*—Provides personnel for the purpose of operating and maintaining a 1-position magneto or common battery switchboard, including installation and repair of telephones (such as WE #12 or #550 or 2 TC-4) (approximately 100 telephones).

GC. *2-position switchboard team*—For the purpose of operating 2-positions of magneto or common battery switchboard, including installation and repair of telephones. This may be 2-positions in separate locations but in the same general vicinity (such as 2-positions WE #12 or #550) (approximately 200 lines).

GD. *3-position switchboard team*—For the purpose of operating and maintaining 3-positions of manual or common battery switchboard, including installation and repair of telephones. The 3-positions may be in 3 different locations but in the same general vicinity (such as 3-positions WE #550 or a TC-1) (approximately 300 lines).

GE. *200-station automatic switchboard*—For the purpose of maintaining a 200-station automatic switchboard including operation and maintenance of a 1-position manual switchboard. This team is capable of installation and repair of telephones and can handle step by step, crossbar or all relay type switchboards.

GF. *Switchboard installation team*—For the purpose of making initial installation of magneto, common battery or automatic switchboards of any size. The entire team may be used to install a large switchboard or may be divided into as many as 4 teams for installation of small boards. The entire team can install a TC-1 (3-positions) in about 8 hours. It may be used at a depot repair shop to make major repairs on switchboards.

GG. *Switchboard operating team*—For operating only, a small 1-position switchboard or for augmenting one of the other switchboard teams where additional operating personnel only are required.

GH. *Switchboard operating team*—For the purpose of operating only, a 3-position switchboard or 3 1-position switchboards at different locations. It may be used to augment one of the other switchboard teams where additional operating personnel only are required.

	Type			GA	GB	GC	GD	GE	GF	GG	GH	GI	GJ	GK
20	Chief switchboard operator	650												
21	Technician, grade 3									(1)				
22	Technician, grade 4							1	1					
23	Technician, grade 5 including				2	4	5	5	4		1		1	1
24	Private, first class			2	4	7	12	7	6	1	2	2	3	8
25	Private			1	2	4	7	3	1	1	2	1	2	4
26	Automatic telephone system maintenance man.	115	3	2	2	4	6	3	2		2		2	3
27	Automatic telephone system maintenance man.	115	4					(1)	(1)					
28	Automatic telephone system maintenance man.	115	5					(1)	(2)					
29	Automatic telephone system maintenance man.	115						(1)	(2)					
30	Cable splicer	039	5					(1)	(3)					
31	Central office repairman	095	4		(1)	(1)	(1)	(1)						
32	Central office repairman	095	5			(2)	(2)	(1)						
33	Electrician	078	5		(1)	(1)	(2)	(1)	(1)					
34	Installer-repairman	097	4						(1)					
35	Installer-repairman	097	5		(1)	(1)	(2)	(1)						
36	Installer-repairman	097		(c 1)	(c 2)	(2)	(3)	(2)						
37	Lineman, telephone and telegraph	238	5			(3)	(5)	(3)						
38	Powerman	166	4			(c 1)	(c 2)	(c 1)						
39	Powerman	166	5					(1)	(2)					
40	Telephone switchboard operator	650	4				(1)		(2)					
41	Telephone switchboard operator	650	5		(1)	(1)	(1)	(1)			(1)			
42	Telephone switchboard operator	650		(1)	(1)	(2)	(3)	(1)		(1)	(2)			
43	Teletypewriter mechanic	239	4	(2)	(2)	(5)	(8)	(2)		(1)	(4)			
44	Teletypewriter mechanic	239	5										(1)	(1)
45	Teletypewriter operator	237	5											(1)
46	Teletypewriter operator	237										(2)	(3)	(7)
47	Total enlisted			6	11	21	33	21	16	3	9	(1) 4	(4) 9	(7) 17
48	Aggregate			6	11	22	34	22	17	3	9	4	9	18
49	O Carbine, cal. .30			6	11	22	34	22	17	3	9	4	9	18
50	O Truck, ¼-ton			6	1									
51	O Truck, ¾-ton, weapons carrier					1	1	1						

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
			Wire											
Unit	Specification serial No.	Technician grade	40-line switchboard team	1-position switchboard team	2-position switchboard team	3-position switchboard team	200-station automatic switchboard team	Switchboard installation team	Switchboard operating team	Switchboard operating team	Teletype team	Teletype team	Teletype team	Remarks
Type			GA	GB	GC	GD	GE	GF	GG	GH	GI	GJ	GK	
														GI. *Teletype team*—For the purpose of operating from 1 to 3 teletypewriters, depending on the amount of traffic being handled. The installation and maintenance of teletypewriters is not included. The team may be used to augment a medium or large teletype team where additional operators only are required. GJ. *Teletype team*—For the purpose of installing, operating and maintaining from 3 to 6 teletypewriters, depending upon the amount of traffic handled. GK. *Teletype team*—For the purpose of installing, operating, and maintaining from 5 to 10 teletypewriters, depending upon the amount of traffic being handled. It may be located at 1 place or several places in the general vicinity. For specification serial numbers for officers see TM 12-406 and 12-407; for enlisted men see TM 12-427.

SECTION II
EQUIPMENT

CHEMICAL

1	2											3
	Allowances											
Item	40-line switchboard team	1-position switchboard team	2-position switchboard team	3-position switchboard team	200-station automatic switchboard team	Switchboard installation team	Switchboard operating team	Switchboard operating team	Teletype team	Teletype team	Teletype team	Basis of distribution and remarks
Type	GA	GB	GC	GD	GE	GF	GG	GH	GI	GJ	GK	
Apparatus, decontaminating, 1½-qt capacity, M2	1	1	1	1	1							1 per fuel consuming mtr vehicle outside continental US when atsd by T of Opns comdr.
Mask, gas, service, combat M5-11-7	6	11	22	34	22	17	3	9	4	9	13	1 per indiv (mask, gas, sv, lightweight, M3-10A1-6 or M3A1-10A1-6, or mask, gas, sv, will be issued in lieu of mask, gas, sv, combat, M5-11-7 as directed by WD).
Respirator, dust, M2	2	2	2	2	2							2 per wheeled fuel consuming mtr vehicle (respirator, dust, M1 will be issued until exhausted).
ENGINEER												
Compass:												
Lensatic, luminous dial type, w/case			1	1	1	1					1	
Wrist, liquid filled	1	1	2	2	1							
Net, camouflage, cotton, shrimp:												
22 x 22-Ft	1	1										
29 x 29-Ft			1	1	1							1 per trk, ¼-ton.
Templet, map, plastic, transparent, M-2	1	1	2	2	1							1 per trk, ¾-ton.

1	2											3
	Allowances											
Item	40-line switchboard team	1-position switchboard team	2-position switchboard team	3-position switchboard team	200-station automatic switchboard team	Switchboard installation team	Switchboard operating team	Switchboard operating team	Teletype team	Teletype team	Teletype team	Basis of distribution and remarks
Type	GA	GB	GC	GD	GE	GF	GG	GH	GI	GJ	GK	
MEDICAL												
Kit, First Aid, Motor Vehicle, 12-Unit	1	1	1	1	1	------	------	------	------	------	------	1 per 4 fuel consuming mtr vehicles or fraction thereof.
ORDNANCE												
Weapons and miscellaneous												
Carbine, cal. .30, M2	6	11	22	34	22	17	3	9	4	9	18	1 per indiv not otherwise armed.
Watch, wrist, 7 or 15 or more jewels	1	1	2	3	2	2	1	2	1	1	2	Outside continental US when atzd by T of Opns comdr.
Vehicles												
Truck:												
¼-ton, 4 x 4	1	1	------	------	------	------	------	------	------	------	------	
¾-ton, 4 x 4, weapons carrier	------	------	1	1	1	------	------	------	------	------	------	
Motor transport equipment												
Axe, handled, chopping, single bit, standard grade, 4-lb	1	1	1	1	1	------	------	------	------	------	------	1 per fuel consuming mtr vehicle.
Defroster and Deicer, electric, windshield	1	1	1	1	1	------	------	------	------	------	------	1 per trk when atzd by army or T of Opns comdr.
Mattock, handled, pick, type II, Class F, 5-lb	------	------	1	1	1	------	------	------	------	------	------	1 per fuel consuming mtr vehicle, except trk, ¼-ton.

Type	GA	GB	GC	GD	GE	GF	GG	GH	GI	GJ	GK	
Rope, tow, 20′ long, 1″ dia	1	1	1	1	1	------	------	------	------	------	------	1 per fuel consuming mtr vehicle under trk 1½-ton, capacity, except mtrcl.
Shovel, general purpose, D-handled, strapback, round point, No. 2	1	1	1	1	1	------	------	------	------	------	------	1 per fuel consuming mtr vehicle.
Tool Set, complete with tools, General Mechanics'	------	------	------	1	1	4	------	------	------	------	------	1 per powerman (166).
QUARTERMASTER												
Individual equipment												
Bag, Canvas, Field, OD, M-1936	6	11	22	34	22	17	3	9	4	9	18	1 per indiv.
Belt, Pistol or Revolver, M-1936	6	11	22	34	22	17	3	9	4	9	18	1 per indiv armed with carbine or pistol; per indiv not otherwise furnished cartridge belt.
Cover:												
Canteen, Dismounted, M-1910	6	11	22	34	22	17	3	9	4	9	18	1 per indiv.
Canvas, Muzzle, Rifle or Carbine	6	11	22	34	22	17	3	9	4	9	18	1 per rifle, cal. .30, or carbine, when atzd by CG, army or T of Opns comdr.
Pocket, Magazine, for Carbine, Cal. .30	12	22	44	68	44	34	6	18	8	18	36	2 per indiv armed with carbine, cal. .30.
Strap, Carrying, General Purpose	6	11	22	34	22	17	3	9	4	9	18	1 per bag, canvas, fld, M-1936 (strap, carrying, bag, canvas, fld, od, M-1936 to be issued until exhausted).
Suspenders, Belt, M-1936	6	11	22	34	22	17	3	9	4	9	18	1 per indiv.
Organizational equipment												
Axe:												
Handled, Chopping, Single-Bit, Standard Grade, Weight 4-lb	------	------	------	------	------	1	------	------	------	------	------	
Intrenching, M-1910, With-Handle	1	1	2	3	2	2	1	1	1	1	2	
Bucket, Canvas, Water, 18-Qt	1	1	1	1	1	------	------	------	------	------	------	1 per 10 EM outside continental US when atzd by T of Opns comdr.
Can, Water, 5-Gallon	1	2	4	7	4	3	1	2	1	2	4	1 per fuel consuming mtr vehicle.
Carrier:												
Axe, Intrenching, M-1910	1	1	2	3	2	2	1	1	1	1	2	1 per 5 indiv or maj fraction thereof.
Pick-Mattock	1	2	4	7	4	3	1	2	1	2	3	1 per axe, intrenching, M-1910, with-handle.
Shovel, Intrenching, M-1943	4	8	15	23	15	11	1	6	2	6	12	1 per pick-mattock, intrenching, M-1910, with-handle.
Case, Canvas, Dispatch	------	------	1	1	1	1	------	------	------	------	------	1 per shovel, intrenching, M-1943 (carr, shovel, intrenching, M-1910 to be issued with shovel, intrenching, M-1910).
Chair, Folding	1	------	2	2	2	------	------	------	1	2	1	1 per off.
Drum, Inflammable-Liquid (Gasoline), Steel With-Carrying-Handle, capacity 5-Gal.	1	1	2	3	3	1	------	------	------	1	1	1 per trk, ¼-ton; 2 per trk, ¾-ton; 1 per power unit.
Goggles, M-1944	2	2	2	2	2	------	------	------	------	------	------	2 per fuel consuming mtr vehicle.
Kit, Sewing	1	1	2	3	2	1	------	1	------	1	2	1 per 12 EM or maj fraction thereof.

1	2											3
	Allowances											
Item	40-line switchboard team	1-position switchboard team	2-position switchboard team	3-position switchboard team	200-station automatic switchboard team	Switchboard installation team	Switchboard operating team	Switchboard operating team	Teletype team	Teletype team	Teletype team	Basis of distribution and remarks
Type	GA	GB	GC	GD	GE	GF	GG	GH	GI	GJ	GH	
Lantern, Gasoline, Leaded Fuel	1	1	1	1	1	1	1	1	1	1	1	
Pick-Mattock, Intrenching, M-1910, With-Handle.	1	2	4	7	4	3	1	2	1	2	3	2 per 10 EM outside continental US when atzd by T of Opns comdr.
Shovel, Intrenching, M-1943	4	8	15	23	15	11	1	6	2	6	12	7 per 10 EM outside continental US when atzd by T of Opns comdr. (shovel, intrenching, M-1910 to be issued until exhausted).
Tool Set, (Complete With Tools):												
Carpenters', No. 2	------	------	------	------	------	1	------	------	------	------	------	
Electricians'	------	------	------	------	------	1	------	------	------	------	------	1 per electn (078).
Tube, Flexible-Nozzle	1	1	1	1	1	------	------	------	------	------	------	1 per fuel consuming mtr vehicle.
Whistle, Thunderer	1	1	3	4	3	3	1	2	1	1	1	
SIGNAL												
Bit Equipment TE-25	------	1	1	1	1	1	------	------	------	1	1	To be issued until present supply is exhausted.
Block Equipment TE-92	------	1	1	1	1	------	------	------	------	------	------	
Chest LC-5	1	1	1	1	1	1	------	------	------	------	------	
Flashlight TL-122-( )	2	2	4	5	4	3	1	2	1	1	3	
Ladder LC-15	------	1	1	1	1	------	------	------	------	------	------	
Lantern MX-290/GV	1	1	1	1	1	1	1	1	1	1	1	
Lineman's Equipment TE-21	1	2	3	5	3	------	------	------	------	1	2	
Power Unit PE-75-( )	------	------	------	1	1	1	------	------	------	1	1	
Telephone Central Office Set TC-4	1	------	------	------	------	------	------	------	------	------	------	
or Telephone Central Office Set TC-12	2	------	------	------	------	------	------	------	------	------	------	
Test Equipment IE-29	------	------	------	1	1	1	------	------	------	1	1	

Type	GA	GB	GC	GD	GE	GF	GG	GH	GI	GJ	GK	
Test Set:												
I-120 or TS-140/PCM	------	------	------	------	------	1	------	------	------	------	------	Non-standard.
I-142	------	------	------	------	------	1	------	------	------	------	------	Do.
I-181	------	------	------	------	------	1	------	------	------	------	------	
I-193	------	------	------	------	------	1	------	------	------	------	------	
TS-2/TG	------	------	------	------	------	------	------	------	------	------	------	
TS-26/TSM or EE-65	1	1	1	1	1	------	------	------	------	1	1	
Tool Equipment:												
TE-33	2	4	7	12	7	8	------	------	------	1	2	
TE-36	1	1	1	1	1	1	------	------	------	1	1	
TE-49-( )	1	1	2	2	2	2	------	------	------	------	------	
TE-50-( )	------	------	------	------	------	------	------	------	------	1	1	
TE-111	------	------	------	------	------	1	------	------	------	------	------	
TE-112	------	------	------	------	------	1	------	------	------	------	------	
Tool Set TE-16	------	1	1	1	1	------	------	------	------	------	------	1 per cable splicer (030)

PART VII—WIRE CONSTRUCTION

SECTION I

ORGANIZATION

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
				Wire												
	Unit	Specification serial No.	Technician grade	Open wire repair team	Telephone carrier and repeater team	Telephone and telegraph installation team	Spiral four cable team	Wire equipment repair team	Submarine cable team	Heavy wire construction team	Light wire construction team	Light wire platoon headquarters	Heavy wire platoon headquarters	Cable repair team	Cable repair team	Remarks
	Type			GM	GN	GO	GP	GQ	GR	GS	GT	GU	GV	GW	GX	
2	Captain				1											
3	Telephone and telegraph, inside plant	0410			(a 1)											
4	Lieutenant b				1	1	2		1	1		2				
5	Submarine cable station	0435							(1)							
6	Telephone and telegraph, inside plant	0410			(a 1)	(1)	(a 1)									
7	Telephone and telegraph, outside plant	0430					(a 1)			(1)		(2)				
8	Total commissioned				2	1	2		1	1		2				
9	Master sergeant				1				1			1				
10	Chief lineman	238										(1)				
11	Chief repeaterman	187			(1)											
12	Chief submarine cable operator	209							(1)							
13	Technical sergeant			1	1	1	1	1	1	1		2			1	
14	Chief cable splicer	039													(1)	
15	Chief installer repairman	097						(1)								
16	Chief installer, toll, telephone and telegraph	384				(1)										
17	Chief lineman	238		(1)						(1)		(c 2)				
18	Chief repeaterman	187			(1)		(1)									
19	Chief submarine cable technician	197							(1)							

a Must be trained in army carrier and repeater systems.

b Not more than 50 percent of Lieutenants within a numerically designated unit may be 1st lieutenants.

c Also drives truck.

d See remark on equipment section which qualifies the issue.

GM. *Open wire repair team.*—Comprised of 4 crews, each capable of maintaining about 25 miles of local or toll open wire pole line. It is for the purpose of making quick emergency repairs and may be used as a team for rebuilding damaged lines.

GN. *Telephone carrier and repeater team.*—Provided for the purpose of operating and maintaining 2 terminal toll officers and 1 intermediate repeater station having from 1 to 10 3-channel

	Type			GM	GN	GO	GP	GQ	GR	GS	GT	GU	GV	GW	GX
20	Staff sergeant			1	1	1	1		1	3	1				
21	Assistant chief submarine cable operator	209							(1)						
22	Chief installer, toll, telephone and telegraph.	384				(1)									
23	Chief lineman	238		(1)						(3)	(1)				
24	Chief repeaterman	187			(1)		(1)								
25	Sergeant						2			3	1				
26	Chief lineman	238					(2)			(3)	(1)				
27	Technician grade 3														
28	Technician grade 4				3		4		4					1	3
29	Technician grade 5 including			4	9	7	10	4	4	5	2	1	1	1	2
30	Private first class			4	3	7	3	4		7	2	2	2	2	3
31	Private			4	1	1	4	1		8	3	2	2		1
32				4			3			7	2	1	1		1
33	Cable splicer	039	3											(1)	(3)
34	Cable splicer	039	4											(1)	(2)
35	Cable splicer	039	5											(c 2)	(3)
36	Central office repairman	093	4		(1)	(1)									
37	Central office repairman	095	5		(1)	(1)									
38	Central office repairman	095			(1)	(1)									
39	Electrician	078	4			(1)									
40	Installer repairman, toll, telephone and telegraph.	384	4			(4)									
41	Installer repairman, toll, telephone and telegraph	384	5			(4)									
42	Lineman, telephone and telegraph	238	4	(4)			(2)			(5)	(2)	(c 1)	(1)		
43	Lineman, telephone and telegraph	238	5	((c2)4)			(c)			(5)	(2)	(c 1)	(1)		
44	Lineman, telephone and telegraph	238		((c2)8)			(c 5)			((c4)11)	(c 5)				
45	Powerman	166	4		(1)	(1)									
46	Powerman	166	5		(2)	(2)									
47	Repeaterman	187	3		(3)		(4)								
48	Repeaterman	187	4		(7)		(8)								
49	Submarine cable operator	209	3						(3)						
50	Submarine cable operator	209	4						(3)						
51	Submarine cable technician	197	3						(1)						
52	Submarine cable technician	197	4						(c 1)						
53	Telephone and telegraph equipment repairman.	097	4					(c)							
54	Telephone and telegraph equipment repairman.	097	5					(c 2)							
55	Teletypewriter mechanic	239	4					(1)							
56	Teletypewriter mechanic	239	5					(2)							
57	Truck driver	345	5							(2)		(1)	(1)		
	Truck driver	345					(2)	(1)		(4)		(3)	(3)		(2)
58	Total enlisted			18	19	17	28	10	11	34	11	9	6	4	11
59	Aggregate			18	21	18	30	10	12	35	11	11	6	4	11
60	O Carbine, cal. .30			18	21	18	30	10	12	35	11	11	6	4	11

carrier systems and/or 10 to 100 telephone repeaters including voice frequency telegraph systems and power equipment.

GO. *Telephone and telegraph installation team.*—Provides personnel to install all special toll equipment such as test boards, telephone repeaters, carrier systems, telegraph equipment, storage batteries, and power plant. It may be used at 2 separate locations or at a repair depot to repair telephone repeaters and carrier systems.

GP. *Spiral four cable team.*—Provides personnel to install, operate, and maintain, and repair a 100 mile spiral four cable system. However, if speed in the cable installation is required, the assistance of a signal construction company or the use of 1 or more teams, GM, should be obtained.

GQ. *Wire equipment repair team.*—Provides for 4th echelon repair and maintenance of wire equipment. This section can be used in conjunction with the storage and issue team (column CC), the radar installation and maintenance team (column EC), and the radio repair team (column EG), to provide the functions of a signal depot organization.

GR. *Submarine cable team.*—Provides personnel to operate and maintain a submarine cable terminal office having 1 terminating submarine cable. It may use siphon recorders or printers.

GS. *Heavy wire construction team.*—Provides personnel for building a complete two-mile long, open wire pole line with 2 circuits during 1 normal working day. The team can be divided into 3 crews operating on different sections of the line. All necessary tools are provided.

GT. *Light wire construction team.*—Provides personnel for the installation of field wire, rubber cable, a limited amount of open wire and the rehabilitation of existing open wire lines.

GU. *Light wire platoon headquarters.*—

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
	Unit	Specification serial No.	Technician grade	Wire: Open wire repair team	Telephone carrier and repeater team	Telephone and telegraph installation team	Spiral four cable team	Wire equipment repair team	Submarine cable team	Heavy wire construction team	Light wire construction team	Light wire platoon headquarters	Heavy wire platoon headquarters	Cable repair team	Cable repair team	Remarks
	Type			GM	GN	GO	GP	GQ	GR	GS	GT	GU	GV	GW	GX	
61	O Gun, machine, Browning, heavy barrel, cal. .50 flexible.									3	1					Provides command and supply personnel for any organization consisting of 3 to 6 teams GT. GV. *Heavy wire platoon headquarters.*—Provides personnel for the supply of 2 teams GS. GW. *Cable repair team.*—Provides personnel for 2 cable splicing crews, each with complete equipment. This team can be used when team GX would be too large or to augment team GX. GX. *Cable repair team.*—Provided for the purpose of maintaining and repairing about 25 miles of local or toll cable. It may be used as a splicing team capable of making from 4 to 12 splices per day. For specification serial numbers for officers see TM 12-406 and 12-407, for enlisted men see TM 12-427.
62	O Mount, truck, pedestal									2						
63	O Trailer, ¼-ton								1	2		3				
64	O Trailer, 1-ton							1		3	1	2	2			
65	O Truck, ¼-ton						5		1	2		3		2		
66	O Truck, ¾-ton, weapons carrier, w/winch			4						1	1	2	2		4	
67	O Truck, 1½-ton, cargo							1								
68	O Truck, 2½-ton, cargo, w/winch						2			3	1	2	2			
69	O Truck, 2½-ton, signal corps general repair.							1								
70	S Trailer K-36									1						
71	S Trailer K-38													d 2	4	
72	S Truck K-43									2	d 2					
73	S Truck K-44									1	d 1					

SECTION II
EQUIPMENT

CHEMICAL

1	2												3
Item	Allowances: Open wire repair team	Telephone carrier and repeater team	Telephone and telegraph installation team	Spiral four cable team	Wire equipment repair team	Submarine cable team	Heavy wire construction team	Light wire construction team	Light wire platoon headquarters	Heavy wire platoon headquarters	Cable repair team	Cable repair team	Basis of distribution and remarks
Type	GM	GN	GO	GP	GQ	GR	GS	GT	GU	GV	GW	GX	
Apparatus, decontaminating, 1½-qt capacity, M-2	4			7	2	1	9	5	7	4	2	4	1 per fuel consuming mtr vehicle outside continental US when atzd by T of Opns comdr (reduce by 1 in colm GT for each trk K-43 and K-44 not atzd and issued).
Mask, gas, service, combat M5-11-7	18	21	18	30	10	12	35	11	11	6	4	11	1 per indiv (mask, gas, sv, lightweight, M3A1-10A1-6 or M3-10A1-6, or mask, gas, sv, will be issued in lieu of mask, gas, sv, combat, M5-11-7 as directed by WD).
Respirator, dust, M2	8			14	4	2	18	10	14	8	4	8	2 per wheeled fuel consuming mtr-vehicle (respirator, dust, M1 to be issued until exhausted) (reduce by 2 in colm GT for each trk K-43 and K-44 not atzd and issued).

ENGINEER

Compass:													
Lensatic, luminous dial type, w/case				2			1		2				
Surveying, w/leather case and tripod.							1						
Wrist, liquid filled	2			2	1		7	2	3				
Hoist, chain, ratchet, 1½-3 ton capacity.							2						
Marker, luminous, radioactive, Type-I.								24					Per team.

1	2												3
	Allowances												
Item	Open wire repair team	Telephone carrier and repeater team	Telephone and telegraph installation team	Spiral four cable team	Wire equipment repair team	Submarine cable team	Heavy wire construction team	Light wire construction team	Light wire platoon headquarters	Heavy wire platoon headquarters	Cable repair team	Cable repair team	Basis of distribution and remarks
Type	GM	GN	GO	GP	GQ	GR	GS	GT	GU	GV	GW	GX	
Net, camouflage, cotton, shrimp:													
22 x 22-Ft				5		2	5		6		2		1 per trk, ¼-ton, 4 x 4; tlr, ¾-ton or tlr K-36.
29 x 29-Ft	4				1		4	2	4	4	2	8	1 per trk, ¾-ton; tlr, 1-ton or tlr K-38 (reduce by 1 in colm GW for each tlr K-38 not atzd and issued).
36 x 44-Ft				2	2		6	4	2	2			1 per trk, 1½-ton or larger or trk K-43 or trk K-44 (reduce by 1 in colm GT for each trk K-43 and trk K-44 not atzd and issued).
Rod, stadia, folding, 12-Ft							3						
Tape, measuring:													
Steel, Metric and U. S., 100-Ft							1						
Woven, metallic, U. S., 50-Ft							3						
Templet, map, plastic, transparent, M-2				2					2				
MEDICAL													
Kit, First Aid, Motor Vehicle, 12-Unit	1			2	1	1	2	1	2	1	1	1	1 per 4 fuel consuming mtr vehicle or fraction thereof.
ORDNANCE													
Weapons and miscellaneous													
Binocular, M13							1		1				
Carbine, Cal. .30, M2	18	21	18	30	10	12	35	11	11	6	4	11	1 per indiv not otherwise armed.
Gun, machine, Browning, heavy barrel, cal. .50, M2, flexible.							3	1					
Mount, truck, pedestal, M31							2						
Watch, wrist, 7 or 15 or more jewels	2	3	2	2	1	3	4	1	3			1	Outside continental US when atzd by T of Opns comdr.

Vehicles

Type	GM	GN	GO	GP	GQ	GR	GS	GT	GU	GV	GW	GX	
Trailer:													
¼-ton, 2-wheel, cargo						1	2		3				
1-ton, 2-wheel, cargo					1		3	1	2	2			
Truck:													
¼-ton, 4 x 4				5		1	2		3		2		
¾-ton, 4 x 4, weapons carrier, w/winch.	4						1	1	2	2		4	
1½-ton, 6 x 6, cargo					1								
2½-ton, 6x 6, cargo, w/winch				2			g 3	g 1	2	2			g 1 w/ring mount.
2½-ton, 6 x 6, Signal Corps General Repair, M 30.					1								

Motor transport equipment

Axe, handled, chopping, single bit, standard grade, 4 lb.	4			7	2	1	9	5	7	4	2	4	1 per fuel consuming mtr vehicle (reduce by 1 in colm GT for each trk K-43 and K-44 not atzd and issued).
Chain, motor vehicle, tow, 16′ long, ⅜″ dia				2	2		6	4	2	2			1 per fuel consuming mtr vehicle 1½-ton to 2½-ton, incl outside continental US (reduce by 1 in colm GT for each trk K-43 and K-44 not atzd and issued).
				or 1	or 1		or 2	or 1	or 1	or 1			or 1 per 3 fuel consuming mtr vehicles 1½-ton to 2½ton incl in continental US.
Defroster and Deicer, electric, windshield.	4			7	2	1	9	5	7	4	2	4	1 per trk when atzd by Army or outside continental US when atzd by T of Opns comdr.
Mattock, handled, pick, type II, class F, 5-lb.	4			2	2		7	5	4	4		4	1 per fuel consuming mtr vehicle except trk, ¼-ton, 4 x 4 (reduce by 1 in colm GT for each trk K-43 and K-44 not atzd and issued).
Rope, tow, 20′ long, 1″ dia	4			5		1	3	1	5	2	2	4	1 per fuel consuming mtr vehicle under 1½-ton capacity.
Shovel, general purpose, D-handled, strapback, round point, No. 2.	4			7	2	1	9	5	7	4	2	4	1 per fuel consuming mtr vehicle (reduce by 1 in colm GT for each trk K-43 and K-44 not atzd and issued.
Tool Set, complete with tools, General Mechanics'		3	3										1 per powerman (166).

QUARTERMASTER

Organizational clothing

1	2												3
	Allowances												
Item	Open wire repair team	Telephone carrier and repeater team	Telephone and telegraph installation team	Spiral four cable team	Wire equipment repair team	Submarine cable team	Heavy wire construction team	Light wire construction team	Light wire platoon headquarters	Heavy wire platoon headquarters	Cable repair team	Cable repair team	Basis of distribution and remarks
Type	GM	GN	GO	GP	GQ	GR	GS	GT	GU	GV	GW	GX	
Mittens, Asbestos, M-1942	------	------	------	------	------	------	6	2	------	------	------	------	2 per MG, cal. .50.
Individual equipment													
Bag, Canvas, Field, OD, M-1936	18	21	18	30	10	12	35	11	11	6	4	11	1 per indiv.
Belt, Pistol or Revolver, M-1936	18	21	18	30	10	12	35	11	11	6	4	11	1 per indiv armed w/carbine or pistol; per indiv not otherwise furnished cartridge belt.
Cover:													
Canteen, Dismounted, M-1910	18	21	18	30	10	12	35	11	11	6	4	11	1 per indiv.
Canvas, Muzzle, Rifle or Carbine	18	21	18	30	10	12	35	11	11	6	4	11	1 per carbine when atzd by CG, army or outside continental US when atzd by T of Opns comdr.
Pocket, Magazine, for Carbine, Cal. .30.	36	42	36	60	20	24	70	22	22	12	8	22	2 per indiv armed w/carbine, cal. .30.
Strap, Carrying, General Purpose	18	21	18	30	10	12	35	11	11	6	4	11	1 per bag, canvas, fld, od, M-1936 (strap, carrying, od, bag, canvas, fld, od, M-1936 to be issued until exhausted).
Suspenders, Belt, M-1936	18	21	18	30	10	12	35	11	11	6	4	11	1 per indiv.

Organizational equipment

Type	GM	GN	GO	GP	GQ	GR	GS	GT	GU	GV	GW	GX	
Axe:													
Handled, Chopping, Single-Bit, Standard grade, Weight 4-Lb.	1	------	1	1	------	------	8	2	------	------	------	1	
Intrenching, M-1910, With-Handle	2	2	2	3	1	1	3	1	1	1	1	1	1 per 10 EM outside continental US when atzd by T of Opns comdr.
Bar, Wrecking, Type-D, Gooseneck, ¾-In. x 24-In.	------	------	------	------	1	------	2	------	------	------	------	------	
Bucket:													
Canvas, Water, 18-Qt.	4	------	------	7	2	1	9	5	7	4	2	4	1 per fuel consuming mtr vehicle (reduce by 1 in colm GT for each trk K-43 or K-44 not atzd and issued.
General-Purpose, Galvanized, Heavy-Weight, Without-Lip, 14-qt.	------	------	------	------	------	------	2	------	------	------	------	------	
Burner, Oil, Stove, Tent, M-1941	------	------	------	------	3	------	3	------	------	------	------	------	1 per stove, tent, M-1941 when atzd by WD.
Can:													
Corrugated, Nesting, Galvanized, With-Cover: 16-Gallon.	------	------	------	------	------	2	------	------	------	------	------	------	
Water, 5-Gallon	4	4	4	6	2	2	7	2	2	1	1	2	
Carrier:													
Axe, Intrenching, M-1910	2	2	2	3	1	1	3	1	1	1	1	1	1 per 5 indiv or maj fraction thereof.
Pick-Mattock, Intrenching, M-1910	4	4	3	6	2	2	7	2	2	2	1	2	1 per axe, intrenching, M-1910, w/ handle.
Shovel, Intrenching, M-1943	12	13	12	19	7	8	24	8	6	3	2	8	1 per pick-mattock, intrenching M-1910 w/handle. 1 per shovel, intrenching, M-1943 (carr, shovel, intrenching, M-1910 to be issued when shovel, intrenching, M-1910 is issued).
Case, Canvas, Dispatch	------	2	1	2	------	1	1	------	2	------	------	------	
Chair, Folding	------	------	------	------	2	------	------	------	------	------	------	------	1 per off.
Drum, Inflammable-Liquid (Gasoline), Steel, With-Carrying-Handle, Capacity 5-Gal.	8	------	1	11	5	3	16	11	11	8	2	8	1 per power unit: reel unit RL-26; trk, ¼-ton, 4 x 4; 2 per truck, ¾-ton or larger (reduce by 2 in colm GT for each trk K-43 and K-44 not atzd and issued).
Goggles, M-1944	8	------	------	14	4	2	21	11	14	8	4	8	1 per MG; 2 per fuel consuming mtr vehicle.
Hammer, Carpenter's, Claw, Bell-Faced, Weight 1-Lb.	1	1	------	5	1	1	2	------	------	------	------	------	
Hatchet, Broad-or-Bench, Width-of Cutting Edge, 5½-In.	------	------	------	------	------	1	------	------	------	------	------	------	
Kit, Sewing	2	2	1	2	1	1	3	1	1	1	------	1	1 per 12 EM or maj fraction thereof.
Lantern:													
Gasoline, Leaded Fuel	1	1	1	1	1	1	1	------	------	------	1	1	
Kerosene, army	------	------	------	------	------	------	2	------	------	------	------	------	
Machete, 18-Inch-Blade, M-1942	1	1	1	2	------	1	4	2	------	------	------	1	

1	2												3
	Allowances												
Item	Open wire repair team	Telephone carrier and repeater team	Telephone and telegraph installation team	Spiral four cable team	Wire equipment repair team	Submarine cable team	Heavy wire construction team	Light wire construction team	Light wire platoon headquarters	Heavy wire platoon headquarters	Cable repair team	Cable repair team	Basis of distribution and remarks
Type	GM	GN	GO	GP	GQ	GR	GS	GT	GU	GV	GW	GX	
Outfit, Cooking:													
1-Burner		1		5									
2-Burner							2	1				1	
20-Man	1		1										
Paulin, Canvas, Large									3	2			
Pick, Handled, Railroad, 6-to-7-Lbs	1			1		1							
Pick-Mattock, Intrenching, M-1910, With-Handle.	4	4	3	6	2	2	7	2	2	2	1	2	2 per 10 EM outside continental US when atzd by T of Opns comdr.
Rule, Multiple-Folding, Wood, Type-C, 6-Ft.							4	1					
Saw, Crosscut:													
2-Man, Length 6-Ft.							4	2					
Hand, Length (Cutting Edge), 24-Inch, Points per Inch 8.							4	2					
Sheath, Machete, 18-Inch Blade, M-1942.	1	1	1	2		1	4	2				1	1 per machete, 18-inch-blade, M-1942.
Shovel:													
General Purpose, D-Handled, Strap-Back, Round-Point, No. 2.	4					2	9	2					
Intrenching, M-1943	12	13	12	19	7	8	24	8	6	3	2	8	7 per 10 EM outside continental US when atzd by T of Opns comdr (shovel, intrenching, M-1910 to be issued until exhausted).
Sledge, Blacksmith, Double-Faced, Weight 6-Lb.						2	1						
Stone, Sharpening, Pocket	1	1	1	2		1	4	2				1	1 per machete.
Stove, Tent, M-1941, Complete					3		3						2 per tent sqd; 1 per tent, wall small; storage: (when atzd by CO).
Table, Camp, Folding					1								
Tent:													
Squad, M-1942, Complete (With-Pins-and-Poles).					1		1						
Storage, Complete (With-Fly-Pins-and-Poles) or Tent, Squad.							1						

Type	GM	GN	GO	GP	GQ	GR	GS	GT	GU	GV	GW	GX	
Wall, Small, Complete (With-Fly-Pins-and-Poles).					1								
Tool-Set (Complete With-Tools):													
Carpenters', No. 2			1				1	1					
Electricians'			1										
Tube, Flexible-Nozzle	4		1	9	3	3	9	6	7	4	2	4	1 per electrician (078). 1 per fuel consuming mtr vehicle; reel unit RL-26; power unit (reduce by 1 in colm GT for each trk K-43 or K-44 not atzd and issued).
Whistle, thunderer	2	5	3	6	1	4	8	2	5			1	
SIGNAL													
Auger LC-34							2	a 2					a 2 per 3 teams or fraction thereof in same orgn.
Axle:													
LC-31							1						
RL-27-A								1					
Bar:													
LC-2-A or LC-2	4						8	2					
LC-3	4						8	2					
Bit Equipment TE-25	2	1					2						To be issued until present sup is exhausted.
Block:													
Single sheave, w/hook, for 3/8" rope							8						
Equipment TE-92	10						20	4					
Set LC-4	1						2						
Bucket LC-57							18	6			2		
Car LC-41-( )											c 2		c To be issued only when team is to be used w/team GS, hv constr.
Chest BC-5	4	1	2		1	2	3	2				1	
Chest Set TD-3	2			3	3			3					
Clipper LC-35							2						
Coil C-114A								20					
Detector Set SCR-625-( )							1	1					
Drill LC-33							2	b 1					b 1 per 3 teams or fraction thereof in same orgn.
File Equipment TE-8							2	b 1					b 1 per 3 teams or fraction thereof in same orgn.
Flashlight TL-122-( )	6	5	4	15	4	7	17	8	12	4	2	5	
Gauge TL-144	2			1			2	1					
Gloves LC-29							4	1					
Grip LC-28							4	2					
Guy Rule LC-46							2						
Headset:													
P-18						1							
HS-30	2			3				3					To be issued until present sup is exhausted.

1	2												3
	Allowances												
Item	Open Wire repair team	Telephone carrier and repeater team	Telephone and telegraph installation team	Spiral four cable team	Wire equipment repair team	Submarine cable team	Heavy wire construction team	Light wire construction team	Light wire platoon headquarters	Heavy wire platoon headquarters	Cable repair team	Cable repair team	Basis of distribution and remarks
Type	GM	GN	GO	GP	GQ	GR	GS	GT	GU	GV	GW	GX	
Hook:													
LC-21							8						
LC-32	8						4	1					
LC-48	8						4	2					
Jack LC-13							2						2 per axle LC-31.
Ladder LC-15	1			2			2	b 1				4	b 1 per 3 teams or fraction thereof in same orgn.
Lance Pole PO-2								15					
Lantern MX-290/GV	1	1	1	1	1	1	6	2	2	2	1	1	
Lineman's Equipment TE-21	16			10			27	9	2	2	2		
Microphone T-45 or T-30-( )	2			3				3					
Multimeter I-239-( )		1				2							1 per tool equipment TE-113.
Pole:													
PO-5	16												
PO-6							10	4					
Pole Binder LC-40							2						
Pole Support LC-16	4						2						
Protector AR-6	4												
Power Unit:													
PE-75-( )			1			2							
PE-95-( )					1								
Pull Finder LC-45							2						
Rectifier RA-83-( )			1		1								
Reel RL-17-A							8	a 2					a 2 per 3 teams or fraction thereof in same orgn.
Reel Unit:													
RL-26-( )				2				1					
RL-31	4			5			3	1					
Roller LC-26							4						
Running Board LC-47							2	b 1					b 1 per 3 teams or fraction thereof in same orgn.

Type	GM	GN	GO	GP	GQ	GR	GS	GT	GU	GV	GW	GX	
Shovel:													
LC-17	4		1				9	2					
LC-18	4		1				9	2					
Sleeve Rolling Tool TL-143	4						4	1					
Snap M-279							60	20					
Soldering Equipment TE-26-A			1										
Stamp MC-181						2							
Submarine Cable Terminal Equipment.						(c)							c Furnished by plant engineering agency, OCSigO on approval of WD
Support FT-245							3	1					
Switchboard BD-72								d 1					b 1 per 3 teams or fraction thereof in same orgn.
Telephone EE-8	4						6	5					
Tent LC-37											e 2	4	e To be issued only when team is used w/team GS, hv cons.
Terminal Strip TM-184								10					
Test Equipment IE-29		1	1		1								
Test Set:													
I-49						1							
I-56-( )						1							
I-120			1		1								Non-standard.
I-142			1		1								Non-standard.
I-181			1		1								
I-193			1		1								
TS-2/TG					1								
TS-27/TSM							2	1					
Tool Equipment:													
TE-5-( ) or TE-29						2							To be issued until present sup is exhausted.
TE-27-A	4			5			2	1					
TE-33	16			10			28	11	11	2			
TE-36		10	9		1								
TE-49		1	4		3								
TE-50-A					2								
TE-59-( )							1						
TE-111			1		1								
TE-112			1		1								
TE-113 or TE-45 and TE-48		1				2							
Tool Set:													
TE-16											f 2		f To be issued only when team is to be used w/team GT, light cons.
TE-56											e 2	4	e To be issued only when team is used w/team GS, hv cons.
Trailer:													
K-36-( )							1						
K-38-( )											e 2	4	e To be issued only when team is used w/team GS, hv cons.
Trimmer LC-22							2	1					

1	2												3
	Allowances												
Item	Open wire repair team	Telephone carrier and repeater team	Telephone and telegraph installation team	Spiral four cable team	Wire equipment repair team	Submarine cable team	Heavy wire construction team	Light wire construction team	Light wire platoon headquarters	Heavy wire platoon headquarters	Cable repair team	Cable repair team	Basis of distribution and remarks
Type	GM	GN	GO	GP	GQ	GR	GS	GT	GU	GV	GW	GX	
Truck:													
K-43							2	h 2					h 2 per 3 teams outside continental US when atzd by T of Opns comdr. Issued from T of Opns dep (not to be issued to less than 3 teams).
K-44							1	d 1					d 1 per 3 teams outside continental US when atzd by T comdr (issued from T of Opns dep; not to be issued to less than 3 teams).
Typewriter MC-88						2							
Vise TL-148							2						
Vulcanizing Equipment TE-55					1								
Wire W-74 miles							2						Non-standard.
Wire W-75 miles							12	1					Non-standard.
Wire W-110-B on Reel DR-4								1					
Wire W-110-B on Reel DR-5								15					
Wire Pike MC-123							4	2					
Wrench TL-10S							4	1					

PART VIII—RADIO INSTALLATION

SECTION I

ORGANIZATION

1	1	2	3	4	5	6	7	8	9	10	11	12
				Radio installation								
1	Unit	Specification serial No.	Technician grade	Airway equipment installation team	Airway equipment maintenance team	Labor team	Airway weather equipment team	Right of way construction team	Wire equipment installation team	Teletypewriter installation team	Power team	Remarks
	Type			HA	HB	HC	HD	HE	HF	HG	HH	
2	Lieutenant a			1								
3	Radio, fixed station	0502		(1)								
4	Total commissioned			1								
5	Technical sergeant			1	1							
6	Radio repairman, fixed station	649		(1)	(1)							
7	Staff sergeant			1			1				1	
8	Lineman, telephone and telegraph	238		(b 1)								
9	Powerman	166										
10	Weather equipment technician	782					(1)				(1)	
11	Sergeant								1			
12	Wire chief	261							(1)			
13	Technician grade 3 (including)			1			1					
14	Technician grade 4 (including)			5	2		1					
15	Technician grade 5 (including)			3	2		1	2	3	1	3	
16	Private first class (including)			1		8					2	
17	Private (including)					7						
18	Automatic telephone system maintenance man.	115	5						(1)			
19	Cable splicer, telephone and telegraph.	039	4	(1)								
20	Central office repairman	095	5						(1)			
21	Construction machine operator	359	5					(2)				
22	Diesel mechanic	013	4	(1)								
23	Installer repairman, telephone and telegraph.	097	5						(1)			
24	Laborer	590				(15)						
25	Lineman, telephone and telegraph	238	4		(b 1)							

a Not more than 50 percent of lieutenants within a numerically designated unit may be 1st lieutenants.
b Also trained as rigger.
c Also trained as Diesel mechanic.

HA. *Airway equipment installation team*—This team is to install a complete fixed airways station communication installation.

HB. *Airway equipment maintenance team*—This team is to perform major maintenance and repair on all airway communication equipment including certain 5th echelon work. This team will analyze faults in operation or functioning, repair if possible or initiate action for replacement if necessary.

HC. *Labor team*—Provided for the purpose of supplying laborers as required for installation of fixed radio stations where local civilian labor cannot be used or quartermaster service troops are not available.

HD. *Airway weather equipment team*—This team will install and provide major maintenance for all classes of weather stations required by the commanding general of the Air Force weather wing.

HE. *Right of way construction team*—

	1	2	3	4	5	6	7	8	9	10	11	12
	Unit	Specification serial No.	Technician grade	Radio installation: Airway equipment installation team	Airway equipment maintenance team	Labor team	Airway weather equipment team	Right of way construction team	Wire equipment installation team	Teletypewriter installation team	Power team	Remarks
	Type			HA	HB	HC	HD	HE	HF	HG	HH	
26	Lineman, telephone and telegraph	238	5		(b 1)							This team clears row for pole line circuits and aerial installations and constructs temporary roads incident thereto. This team will normally be assigned to a signal construction battalion but may be assigned to an organization along with heavy and light wire construction teams GS and GT. HF. *Wire equipment installation team*—Provides the necessary personnel for installing the associated wire equipment used in conjunction with the radio station. This includes control cables between the receiver, transmitter and operating position; any telephone communication equipment between these positions and lines connecting the teletypewriters with the radio equipment. HG. *Teletypewriter installation team*—Provides 1 technician for installing and placing the teletypewriter equipment in operation when this type of equipment is employed. HH. *Power team*—Performs all duties associated with the installation of power equipment and supplying power lines to the radio equipment. For specification serial numbers for officers see TM 12-406 and 12-407, for enlisted men see TM 12-427.
27	Lineman, telephone and telegraph	238		(1)								
28	Powerman	166	4								(2)	
29	Powerman	166	5								(2)	
30	Radio repairman	648	5	(1)								
31	Radio repairman, fixed station	649	3	(1)								
32	Radio repairman, fixed station	649	4	(1)								
33	Radio repairman, fixed station	649	5	(1)								
34	Rigger	189	4	(1)								
35	Rigger	189	5	(1)	(c 1)							
36	Teletypewriter mechanic	239	4	(1)	(1)					(1)		
37	Weather equipment technician	782	3				(1)					
38	Weather equipment technician	782	4				(1)					
39	Weather equipment technician	782	5				(1)					
40	Total enlisted			12	5	15	4	2	4	1	6	
41	Aggregate			13	5	15	4	2	4	1	6	
42	E Semi-trailer, low bed, front loading, 20-ton.							1				
43	E Tractor, crawler type, diesel, 70-90 DBHP, standard complete, w/ bulldozer, tilting.							1				
44	O Carbine, cal. .30			13	5	15	4	2	4	1	6	
45	O Truck, 6-ton, prime mover, w/ winch.							1				

SECTION II
EQUIPMENT

CHEMICAL

1	2								3
Item	Allowances: Airway equipment installation team	Airway equipment maintenance team	Labor team	Airway weather equipment team	Right of way construction team	Wire equipment installation team	Teletypewriter installation team	Power team	Basis of distribution and remarks
Type	HA	HB	HC	HD	HE	HF	HG	HH	
Apparatus, decontaminating: 1½-qt capacity, M2					2				1 per fuel consuming mtr vehicle outside continental US when atzd by T of Opns comdr.
3 gallon, M1					1				Outside continental US when atzd by T of Opns comdr.
Mask, gas, service, combat, M5-11-7	13	5	15	4	2	4	1	6	1 per indiv (mask, gas, sv lightweight, M3-10A1-6 or M3A1-10A1-6, or mask, gas, sv, will be issued in lieu of mask, gas sv, combat, M5-1-7 as directed by WD).
Respirator, dust, M2					2				Respirator, dust, M1 will be issued until exhausted.

ENGINEER

Auger, earth, skid mounted, gasoline engine driven.					1				1 per trac, crawler type Diesel engine driven, 70-to 90-DBHP outside continental US when atzd by T of Opns comdr.
Compass:									
Lensatic, luminous dial type, w/case	2	1		1					
Wrist, liquid-filled	2	1		1					
Dolly, 4-wheel, tandem, 4 dual tires, M-1					1				1 per semi-tlr, low bed, front loading, 20-ton.
Kit, earth auger for tractor mounting, 70 to 90 DBHP.					1				1 per trac, crawler type Diesel engine driver 70-to-90-DBHP outside continental US when atzd by T of Opns comdr.
Marker, luminous, radio active, Type-I					2				
Net, camouflage, cotton, shrimp, 36 x 44-Ft.					5				2 per 6-ton, prime mover; semi-tlr; 1 per trac.

1	2								3
	Allowances								
Item	Airway equipment installation team	Airway equipment maintenance team	Labor team	Airway weather equipment team	Right of way construction team	Wire equipment installation team	Teletypewriter installation team	Power team	Basis of distribution and remarks
Type	HA	HB	HC	HD	HE	HF	HG	HH	
Semi-trailer, low bed, front loading, 20-ton					1				Semi-trailer, low bed, with dolly, may be substituted until subject item is available.
Templet, map, plastic, transparent, M-2	1	1		1					
Tractor, crawler type, diesel engine driven, 70 to 90 DBHP, standard w/bulldozer, tilting.					1				Equipped with: (a) Power control unit, cable operating front mounting, 1-Drum; (b) power control unit, cable operating rear mounting, 2-Drum, outside continental US when atzd by T of Opns comdr.
MEDICAL									
Kit, First Aid, Motor Vehicle, 12-Unit					1				1 per 4 fuel consuming mtr vehicles or fraction thereof (except mtrcl and vehicle issued the 24 unit kit).
ORDNANCE *Weapons and miscellaneous*									
Carbine, cal. .30, M2	13	5	15	4	2	4	1	6	1 per indiv not otherwise armed.
Watch, wrist, 7 or 15 or more jewel	2	1		1				1	
Vehicles									
Truck, 6-ton, 6 x 6, prime mover, w/winch					1				

Motor transport equipment

Type	HA	HB	HC	HD	HE	HF	HG	HH	
Axe, handled, chopping, single bit, standard grade, 4 lb.					1				1 per fuel consuming mtr vehicle except combat vehicle, passenger car and mtrcl.
Chain, motor vehicle, tow, 16′ long x 5/8″ dia.					1				1 per fuel consuming mtr vehicle over 2½-tons outside continental US when atzd by T of Opns comdr except trk, 4-ton, 6 x 6, wrecker, trk, wrecking, hv, M1 and combat vehicles.
					or 1				or 1 per 3 fuel consuming mtr vehicles in continental US as above.
Defroster and Deicer, electric, windshield					1				1 per trk when atzd by army or T of Opns comdr.
Mattock, handled, pick, type II, class F, 5 lb.					1				1 per fuel consuming mtr vehicle except combat vehicles, passenger cars, trk, ¼-ton, 4 x 4, and mtcl.
Shovel, general purpose, D-handled, strap-back, round point, No. 2.					1				1 per fuel consuming mtr vehicle except combat vehicles, passenger cars and mtcl.
Tool Set, complete with tools:									
Carbureter Mechanics'								2	1 per 2 powermen (166).
General Mechanics	1	1						5	1 per Diesel mech (013); powermen (166).
Ignition Mechanics								2	1 per 2 powerman (166).
QUARTERMASTER *Individual equipment*									
Bag, Canvas, Field, OD, M-1936	13	5	15	4	2	4	1	6	1 per indiv.
Belt, Pistol or Revolver, M-1936	13	5	15	4	2	4	1	6	1 per indiv armed w/carbine or pistol; per indiv not otherwise furnished cartridge belt.
Cover:									
Canteen, Dismounted, M-1910	13	5	15	4	2	4	1	6	1 per indiv.
Canvas, Muzzle, Rifle or Carbine	13	5	15	4	2	4	1	6	1 per rifle, US cal. .30, M1903A3 or M1903A1, or carbine, when atzd by CG, A or T of Opns comdr.
Pocket, Magazine, for Carbine, Cal. .30	26	10	30	8	4	8	2	12	2 per indiv armed w/carbine, cal. .30.
Strap, Carrying, General Purpose	13	5	15	4	2	4	1	6	1 per bag, canvas, fld, od, M-1936 (strap, carrying, bag, canvas, fld, od, M-1936 will be issued until exhausted).
Suspenders, Belt, M-1936	13	5	15	4	2	4	1	6	1 per indiv.
Organizational equipment									
Axe:									
Intrenching, M-1910, With-Handle	1	1	1	1		1		1	1 per 10 EM outside continental US when atzd by T of Opns comdr.
Handled, Chopping, Single-Bit, Standard Grade. Weight 4-lb.			4			1		1	

1	2								3
	Allowances								
Item	Airway equipment installation team	Airway equipment maintenance team	Labor team	Airway weather equipment team	Right of way construction team	Wire equipment installation team	Teletypewriter installation team	Power team	Basis of distribution and remarks
Type	HA	HB	HC	HD	HE	HF	HG	HH	
Bar:									
Crow, Pinch-Point, 1¼-Inch x 60-Inch			3						
Wrecking, Type-D, Gooseneck, ¾-In. x 24-In	1	1		1					
Bucket, Canvas, Water, 18-Qt					2				1 per fuel consuming mtr vehicle except combat vehicle; trac.
Can, Water, 5-Gallon	3	1	3	1		1		1	1 per 5 indiv or maj fraction thereof.
Carrier:									
Axe, Intrenching, M-1910	1	1	1	1		1		1	1 per axe, intrenching, M-1910, w/handle.
Pick-Mattock, Intrenching, M-1910	3	1	3	1	1	1		1	1 per pick-mattock, intrenching, M-1910, w/handle.
Shovel, Intrenching, M-1943	8	3	11	2	1	2	1	4	1 per shovel, intrenching, M-1943 (carr, shovel, intrenching, M-1910 to be issued when shovel, intrenching, M-1910 is issued).
Wire-Cutter, M-1938					1				1 per cutter, wire, M-1938.
Case, Canvas, Dispatch	1								1 per off.
Cutter, Wire, M-1938					1				
Drum, Inflammable-Liquid (Gasoline), Steel, With-Carrying-Handle, Capacity 5-Gal.					2				2 per trk, ¾-ton or larger.
Goggles, M-1944					2				1 per construction machine opr.
Kit, Sewing	1		1					1	1 per 12 EM or maj fraction thereof.
Lantern, Gasoline, Leaded Fuel	2	1		1		1		1	
Machete, 18-Inch-Blade, M-1942	1		4		2	1			
Outfit, Cooking, 1-Burner					1				
Paulin, Canvas, Large					1				1 per trac.
Pick, Handled, Railroad, 6-to-7-Lbs			5						
Pick-Mattock, Intrenching, M-1910, With-Handle.	3	1	3	1	1	1		1	2 per 10 EM outside continental US when atzd by T of Opns comdr.
Sheath, Machete, 18-In. Blade, M-1942	1		4		2	1			1 per machete, 18-In. blade, M-1942.
Shovel:									
General Purpose. D-Handled. Strap-Back, Round-Point, No. 2.	2		10			1			

Type	HA	HB	HC	HD	HE	HF	HG	HH	
Intrenching, M-1943	8	3	11	2	1	2	1	4	7 per 10 EM outside continental US when atzd by T of Opns comdr. (shovel, intrenching, M-1910 to be issued until exhausted).
Sledge, Blacksmith, Double-Faced, 6-Lb			2						
Stone, Sharpening, Pocket	1		4		2	1			1 per machete, 18-inch-blade, M-1942.
Tool Set (Complete With-Tools):									
Carpenters', No. 2.	1								
Electricians', No. 1	2	1						2	
Tube, Flexible-Nozzle					2				
Whistle, Thunderer	2	1	1	1		1		1	1 per fuel consuming mtr vehicle except combat vehicle.
SIGNAL									
Analyzer I-167-( )				1					
Ax LC-36 (w/two extra handles)	1								
Bar LC-20	1								
Block Equipment TE-92						1			
Chest BC-5						1			
Cord CD-307				1					
Flashlight TL-122-( )	13	5		4	2	1		1	
Frequency Standard TS-65/FMQ-1				1					
Gloves LC-10	8	3		2					
Hammer HM-1 (w/two extra handles)	2	2							
Headset HS-33-( )				1					
Lantern MX-290/GV	2	1		1					
Lineman's Equipment TE-21	2	2							
Multimeter I-239-( )	2	1				1		2	
Pliers:									
TL-103	2	2							
TL-107	2	2							
TL-125	2	2							
Soldering Equipment TE-26-A						1			
Tool Equipment:									
TE-27	1								
TE-33						3			
TE-36						1		2	
TE-49						1			
TE-50-A	1	1					1		
TE-113 or TE-45 and TE-48	2	1							
TK-17 ( )/FMQ-1				1					
Tool Set TE-16	1								
Wrench Equipment TE-9	2	1							
Special Equipment	(a)								a Sp list of equip containing sp cons tools will be furnished by the CSig O upon approval of the WD.

PART IX—SIGNAL INTELLIGENCE

SECTION I

ORGANIZATION

1	1	2	3	4	5	6	7	8	9	10	11	12	13	14
				Signal intelligence										
1	Unit	Specification serial No.	Technician grade	Traffic analysis team	Traffic analysis team	Machine cryptographic team	Translators team	Cryptographic production and distribution team	Cryptographic production and distribution team	Cryptographic equipment repair team	Cryptographic equipment repair team	Intelligence laboratory team	Intercept and DF repair team	Remarks
	Type			IA	IB	IF	IG	IJ	IK	IL	IM	IN	IO	
2	Captain							1	1					a Not more than 50 percent of lieutenants within a numerically designated unit may be 1st lieutenants.
3	Cryptanalytic, code	9601						(1)	(1)					b Also drives truck.
4	Lieutenant a			1	3	1	1	1	2		1	2		c Must be trained in maintenance of DF equipment.
5	Cryptanalytic, chemical	9602										(2)		IA. *Traffic analysis team.*—Augments a radio intercept platoon or team for the purpose of performing low level traffic analysis, cryptanalysis and translations of enemy radio communications intercepted by the platoon or team.
6	Cryptanalytic, code	9601						(1)	(2)					
7	Cryptanalytic equipment, maintenance and repair.	9606									(1)			
8	Cryptanalytic, translations (J or G)	9604					(1)							
9	Machine records	2401				(1)								
10	Radio traffic analysis	9605		(1)	(3)									
11	Total commissioned			1	3	1	1	2	3		1	2		IB. *Traffic analysis team.*—Augments a radio intercept company for the purpose of performing traffic analysis, cryptanalysis and translations of enemy radio communications intercepted by the company.
12	Master sergeant				1									
13	Traffic analyst	709			(1)									
14	Technical sergeant			1		1	1	1	1					
15	Cryptographer	807						(1)	(1)					
16	Tabulating machine operator	400				(1)								
17	Traffic analyst	709		(1)										
18	Translater (J or G)	267					(1)							
19	Staff sergeant				1						1			IF. *Machine cryptographic team.*—Provides personnel and equipment for use in the cryptographic or cryptanalytic work which can be adapted to International Business Machine methods. This unit never
20	Cryptanalyst	808			(1)									

	Type			IA	IB	IF	IG	IJ	IK	IL	IM	IN	IO	
21	Cryptographic repairman, class 1	801									(1)			operates independently but serves cryptographic production team IJ or IK. Flexibility in performance of machine processing functions is obtained by providing special types of equipment required in special cases and/or by using multiples of this unit.
22	Technician, grade 3			2	4	1	2	1	1	1	2	1	1	
23	Technician, grade 4			5	11	1	2	2	3	1	2	2	1	
24	Technician, grade 5 including			3	6	3	2	5	7		1	2		
25	Private, first class			1	2	3		2	2			1		
26	Private			1	4	3		1	2					
27	Chemist	292	3									(1)		IG. *Translators team.*—Designed to augment radio intercept team IS or IT. The use of this team is dependent upon degree of success realized in cryptanalysis of enemy codes and ciphers contained in intercepted traffic. As more enemy cryptographic systems are solved, a greater percentage of linguists are required to translate messages into English language.
28	Chemist	292	4									(1)		
29	Chemist	292	5									(1)		
30	Clerk, general	055	4	(1)	(1)									
31	Clerk, general	055	5		(1)									
32	Clerk-typist	405	5					(2)	(3)					
33	Clerk-typist	405			(2)			(1)	(2)					
34	Cryptanalyst	808	3	(1)	(2)									
35	Cryptanalyst	808	4	(2)	(5)									
36	Cryptographer	807	3					(1)	(1)					IJ. *Cryptographic production and distribution team.*—Prepares and distributes authorized cryptographic systems and cryptographic material for a task force approximately the size of an army, which is operating separately from a theater operations headquarters. This team augments the signal intelligence section of the task force in order to relieve the additional cryptographic burden imposed by having the task force operate the fixed communications as well as the tactical communications system.
37	Cryptographer	807	4					(2)	(2)					
38	Cryptographer	807	5					(2)	(2)					
39	Cryptographic repairman, class 1	801	3								(1)			
40	Cryptographic repairman, class 1	801	4							(b 1)	(1)			
41	Cryptographic repairman, class 1	801	5								(b 1)			
42	Cryptographic repairman, class 2	801	3							(1)	(1)			
43	Cryptographic repairman, class 2	801	4								(1)			
44	Duplicating machine operator	128	5					(b 1)	(b 1)					
45	Duplicating machine operator	128						(b 2)	(b 1)					
46	Key Punch machine operator	272	5			(2)								
47	Key Punch machine operator	272				(1)			(1)					
48	Lithographic pressman	167	4						(1)					IK. *Cryptographic production and distribution team.*—Prepares and distributes authorized cryptographic systems and material required for communications within the theater other than those normally furnished by the War Department, exclusive of the lower level systems prepared within the tactical lower echelons. This team provides the basic unit required for establishing a new theater or operating a smaller theater. Augmentations of this team will be made as the communications requirements of the theater are increased by adding one or more of the cryptographic production team IJ.
49	Photographic dark room man	945	4									(1)		
50	Photographic dark room man	945	5									(1)		
51	Photographic dark room man	945										(1)		
52	Radio repairman	648	3										(b c 1)	
53	Radio repairman	648	4										(b c 1)	
54	Tabulating machine operator	400	4			(1)								
55	Tabulating machine operator	400	5			(1)			(1)					
56	Tabulating machine operator	400				(2)								
57	Tabulating machine repairman	425	3			(1)								
58	Traffic analyst	709	3	(1)	(2)									IL. *Mobile cryptographic equipment repair team.*—Provides the required personnel, tools and spare parts for routine maintenance inspection and second and third echelon repair of electrical and mechanical cryptographic devices. This team is capable of maintaining all mechanical and electrical
59	Traffic analyst	709	4	(1)	(3)									
60	Traffic analyst	709	5	(1)	(2)									
61	Translator (J or G)	267	3				(2)							
62	Translator (J or G)	267	4	(1)	(2)		(2)							
63	Translator (J or G)	267	5	(1)	(2)		(2)							
64	Truck driver, light	345	5	(1)	(1)									
65	Truck, driver, light	345		(2)	(2)									
66	Basic	521			(2)									
67	Total enlisted			13	20	12	7	12	16	2	6	6	2	
68	Aggregate			14	32	13	8	14	19	2	7	8	2	

	1	2	3	4	5	6	7	8	9	10	11	12	13	14
	Unit	Specification serial No.	Technician grade	Signal intelligence										Remarks
				Traffic analysis team	Traffic analysis team	Machine cryptographic team	Translators team	Cryptographic production and distribution team	Cryptographic production and distribution team	Cryptographic equipment repair team	Cryptographic equipment repair team	Intelligence laboratory team	Intercept and DF repair team	
	Type			IA	IB	IF	IG	IJ	IK	IL	IM	IN	IO	
69	O Carbine, cal. .30			13	31	13	8	13	18	1	6	8	1	cryptographic equipment authorized for service of tactical organizations.
70	O Gun, submachine, cal. .45			1	1			1	1	1	1		1	IM. *Fixed cryptographic equipment repair team.*—Provides the required personnel, tools and spare parts for maintenance and third echelon repair of all types of mechanical and electrical cryptographic devices. This team is intended to be used in rear areas of the theater to maintain cryptographic machines used in enciphering communications for the theater headquarters and to augment the mobile cryptographic repair teams in repair of damaged equipment.
71	O Trailer, 1-ton			1	1			1	1		1			IN. *Intelligence laboratory team.*—Basic laboratory organization for performing duties such as processing signal intelligence material, reproducing cryptographic material, examining photographic negatives or prints, and other similar duties as directed by the theater commander. This team also performs chemical analysis of censored material for recognition of use of secret writings or secret inks.
72	O Truck, ¼-ton			1	1			1	1					IO. *Intercept and DF repair team.*—Provides personnel and equipment to maintain and repair radio and intercept receivers and direction finding equipment. This team is used when required to augment the repair facilities provided in the intercept detachments
73	O Truck, ¾-ton, weapons carrier									1	1		1	
74	O Truck, 2½-ton, cargo			2	2			1	1					

														or with direction finder teams when deployment of these detachments or teams require special repair facilities. For specification serial numbers for officers see TM 12-406 and 12-407, for enlisted men see TM 12-427.

SECTION II
EQUIPMENT

CHEMICAL

1	2										3
	Allowances										
Item	Traffic analysis team	Traffic analysis team	Machine cryptographic team	Translators team	Cryptographic production and distribution team	Cryptographic production and distribution team	Cryptographic equipment repair team	Cryptographic equipment repair team	Intelligence laboratory team	Intercept and DF repair team	Basis of distribution and remarks
Type	IA	IB	IF	IG	IJ	IK	IL	IM	IN	IO	
Apparatus, decontaminating, 1½-qt capacity, M2.	3	3			2	2	1	1		1	1 per fuel consuming motor vehicle outside continental US when auth by theater of opr comdr.
Kit, chemical agent detector, M9			1	1							Outside continental US when auth by theater of oprs comdr.
Mask, gas, service, combat, etc	14	32	13	5	14	10	2	7	8	2	1 per indiv (mask, gas, sv, lightweight, M3-10A1-6 or M3A1-10A1-6 or mask, gas, sv, will be issued in lieu of mask, gas, sv, combat M5-11-7 as directed by the WD) 10 percent may be diaphragm.
Respirator, dust, M2	6	6			4	4	2	2		2	2 per wheeled fuel consuming mtr vehicle (respirator, dust, M1 will be issued until exhausted).

ENGINEER

Type	IA	IB	IF	IG	IJ	IK	IL	IM	IN	IO	
Compass:											
Lensatic, luminous dial type, w/case	1	3	1	1	2	3		1	2		1 per off.
Wrist, liquid filled	1	2	1	1	1	1		1			1 per NCO 1st 3 gr except techn.
Lettering sets, Le Roy, w/guides						1					
Net, camouflage, cotton, shrimp:											
22 x 22-Ft.	1	1			1	1					1 per trk, ¼-ton, 4 x 4.
29 x 29-Ft.	1	1			1	1	1	2		1	1 per trk, ¾-ton; tlr, 1-ton.
36 x 44-Ft.	3	3			1	1					1 per trk, 1½-ton or larger.
Templet, map, plastic, transparent, M-2.	1	1	2	5	4	6	2	3	2	1	

MEDICAL

Type	IA	IB	IF	IG	IJ	IK	IL	IM	IN	IO	
Kit, First Aid:											
Gas Casualty	1	1	1		1	1					1 per 25 indiv or maj fraction thereof outside continental US when atzd by theater of oprs comdr.
Motor Vehicle, 12-Unit	1	1			1	1	1	1		1	1 per 4 fuel consuming mtr vehicles or fraction thereof (except mtcl and vehicle issued the 24-unit kit).

ORDNANCE

Weapons and miscellaneous

Carbine, cal. .30, M2	13	31	13	8	13	18	1	6	8	1	1 per indiv not otherwise armed.
Gun, submachine, cal. .45, M3	1	1			1	1	1	1		1	
Watch, wrist, 7 or 15 or more jewel	1	3	1	1	3	4		1	2	1	Outside continental US when auth by theater of oprs comdr.

Vehicles

Trailer, 1-ton, 2-wheel, cargo	1	1			1	1		1			
Truck:											
¼-ton, 4 x 4	1	1			1	1					
¾-ton, 4 x 4, weapons carrier							1	1		1	
2½-ton, 6 x 6, cargo	2	2			1	1					

Motor transport equipment

Axe, handled, chopping, single bit, standard grade, 4 lb.	3	3			2	2	1	1		1	1 per fuel consuming mtr vehicle.
Chain, motor vehicle, tow, 16′ long x 7/16″ dia.	2 or 1	2 or 1			1 or 1	1 or 1					1 per fuel consuming mtr vehicle 1½-tons to 2½-tons incl, outside continental US. or 1 per 3 fuel consuming mtr vehicles 1½-tons to 2½-tons incl, in continental US.
Defroster and Deicer, electric, windshield	3	3			2	2	1	1		1	1 per trk when auth by army comdr or outside continental US when auth by T of Opns comdr.
Mattock, handled, pick, type II, class F, 5 lb.	2	2			1	1	1	1		1	1 per fuel consuming mtr vehicle except trk, ¼-ton, 4 x 4, and mtcl.
Rope, tow, 20′ long, 1″ dia	1	1			1	1	1	1		1	1 per fuel consuming mtr vehicle under 1½-tons capacity.
Shovel, general purpose, D-handled, strapback, round point, No. 2.	3	3			2	2	1	1		1	1 per fuel consuming mtr vehicle.

QUARTERMASTER

Individual equipment

1	2										3
	Allowances										
Item	Traffic analysis team	Traffic analysis team	Machine cryptographic team	Translators team	Cryptographic production and distribution team	Cryptographic production and distribution team	Cry tographic e uipment repair team	Cryptographic equipment repair team	Intelligence laboratory team	Intercept and DF repair team	Basis of distribution and remarks
Type	IA	IB	IF	IG	IJ	IK	IL	IM	IN	IO	
Bag, Canvas, Field, OD, M-1936	14	32	13	8	14	19	2	7	8	2	1 per indiv.
Belt, Pistol or Revolver, M-1936	14	32	13	8	14	19	2	7	8	2	1 per indiv armed w/carbine or pistol; per indiv not otherwise furnished cartridge belt.
Cover:											
Canteen, Dismounted, M-1910	14	32	13	8	14	19	2	7	8	2	1 per indiv.
Canvas, Muzzle, Rifle or Carbine	13	31	13	8	13	18	1	6	8	1	1 per carbine, when auth by CG, army or outside continental US when auth by theater of oprs comdr.
Pocket, Magazine, for Carbine, Cal. .30	26	62	26	16	26	36	2	12	16	2	2 per indiv armed w/carbine, cal. .30.
Strap, Carrying, General Purpose	14	32	13	8	14	19	2	7	8	2	1 per bag, canvas, fld, OD, M-1936 (strap, carrying, bag, canvas, fld, od, M-1936 will be issued until exhausted).
Suspenders, Belt, M-1936	14	32	13	8	14	19	2	7	8	2	1 per indiv.
Organizational equipment											
Axe, Intrenching, M-1910, With-Handle.	1	3	1	1	1	2	------	1	1	------	1 per 10 EM outside continental US when auth by theater of oprs comdr.
Bag:											
Carrying Ammunition	1	1	------	------	1	1	1	1	------	1	1 per SMG cal. .45.
Delousing	1	2	1	------	1	1	------	------	------	------	1 per 20 indiv or maj fraction thereof in areas where louse-borne typhus is high, when atzd by WD.
Bar, Wrecking, Type-D, Gooseneck, ¾-In. x 24-In.	------	------	1	1	------	------	------	------	------	------	

Type	IA	IB	IF	IG	IJ	IK	IL	IM	IN	IO	
Bucket, Canvas, Water, 18-Qt	3	3	------	------	2	2	1	1	------	1	1 per fuel consuming mtr vehicle, except combat vehicle.
Burner, Oil, Stove, Tent, M-1941	------	------	2	------	2	2	------	------	------	------	1 per stove, tent, M-1941 when auth by WD.
Can, Water, 5-Gallon	3	6	3	2	3	4	------	1	2	------	1 per 5 indivs or maj fraction thereof.
Carrier:											
Axe, Intrenching, M-1910	1	3	1	1	1	2	------	1	1	------	1 per axe, intrenching, M-1910, with-handle.
Pick-Mattock, Intrenching, M-1910	2	6	2	1	2	3	1	1	1	1	1 per pick-mattock, intrenching, M-1910 w/handle.
Shovel, Intrenching, M-1943	10	20	9	5	9	11	1	4	4	1	1 per shovel, intrenching, M-1943, (carr, shovel, intrenching, M-1910 to be issued when shovel, intrenching M-1910 is issued).
Case, Canvas, Dispatch	1	3	1	1	2	3	------	1	2	------	
Chair, Folding	5	10	6	2	3	4	------	------	3	------	1 per off.
Cutter, Paper, 26 in	------	------	------	------	1	1	------	------	------	------	
Desk, Field (Empty), Fiber, Company	------	1	1	1	------	------	------	------	------	------	
Drum, Inflammable-Liquid (Gasoline), Steel, With-Carrying-Handle, Capacity 5-Gal.	5	5	------	------	3	3	2	2	------	2	2 per trk, ¾-ton or larger; 1 per trk, ¼-ton.
Goggles, M-1944	6	6	------	------	4	4	2	2	------	2	2 per fuel consuming mtr vehicle.
Hammer, Carpenter's, Claw, Bell-Faced, Weight 1-lb.	------	------	1	------	------	------	------	------	------	------	
Kit, Sewing	1	3	1	1	1	1	------	1	1	------	1 per 12 EM or maj fraction thereof.
Lantern, Gasoline, Leaded Fuel	------	1	------	------	1	1	------	------	------	------	
Machine, Duplicating, Using-Stencil-Paper, Military Field Kit.	------	------	------	------	2	3	------	------	------	------	
Machine:											
Lithograph-Press, Multilith, Model 1327, 11 5/8 in. x 18 in.	------	------	------	------	------	1	------	------	------	------	Nonstandard.
Numbering, Automatic, 7-Wheel, 8 Movement.	------	------	------	------	------	4	------	------	------	------	
Paper-Fastening, Lever-or-Plunger-Type Wire-Staple, Preformed, Light-Duty.	1	2	1	------	1	1	------	------	------	------	
Tape-Dispensing	------	------	------	------	------	1	------	------	------	------	
Outfit, Cooking:											
1-Burner	1	------	------	------	------	------	------	1	------	1	
2-Burner	------	1	------	------	2	------	------	------	------	------	
Perforator, Non-Adjustable, Two-Hole	1	1	1	------	------	1	------	------	------	------	
Pick-Mattock, Intrenching, M-1910, With-Handle.	2	6	2	1	2	3	1	1	1	1	2 per 10 EM outside continental US when auth by T of Opns comdr.
Safe, Field, Combination Lock	2	2	1	------	1	1	------	------	1	------	Safe, fld, keylock, to be issued in lieu thereof pending availability.
Shears, Office, Bankers, 9-In	------	------	1	------	1	1	------	------	------	------	
Shovel, Intrenching, M-1943	10	20	9	5	9	11	1	4	4	1	7 per 10 EM outside continental US when auth by T of Opns comdr. (shovel, intrenching, M-1910 to be issued until exhausted).

1	2										3
	Allowances										
Item	Traffic analysis team	Traffic analysis team	Machine cryptographic team	Translators team	Cryptographic production and distribution team	Cryptographic production and distribution team	Cryptographic equipment repair team	Cryptographic equipment repair team	Intelligence laboratory team	Intercept and DF repair team	Basis of distribution and remarks
Type	IA	IB	IF	IG	IJ	IK	IL	IM	IN	IO	
Stove, Tent, M-1941, Complete			2		2	2					2 per tent sqd when auth by CO.
Table, Camp, Folding	1	2	4	1	1	1			2		
Tent:											
Squad, M-1942, Complete (with-pins- and poles).			1		1	1			1		Outside continental US when auth by T of Opns comdr.
Wall, Large, Complete (With-Fly-Pins-and-Poles).			1		1	1					Or 1 tent sqd.
Tube, Flexible-Nozzle	3	3			2	2	1	1		1	1 per fuel consuming mtr vehicle except combat vehicle.
Typewriter:											
Non-portable:											
11-Inch-Carriage			1		2	3					
14-Inch-Carriage		1									
Portable, With-Carrying-Case		1									
Whistle, Thunderer	2	5	1	1	3	4		1	2		
SIGNAL											
Chest BC-5	2	5	5		2	2	1	1	5	2	
Cord:											
CD-415	1										
CD-605										2	
Duplicscope, Multilith No. 1410						1					Non-standard.
Flashlight TL-122 ( )	5	10	5	2	4	5	2	3	4		
Frame, Vacuum, Multilith No. 1413						1					Do.
Headset HS-30										2	

Type	IA	IB	IF	IG	IJ	IK	IL	IM	IN	IO	
Heater, Miller type OG-31A or equal	1	2									Do.
IBM Equipment:											
031 Alphabetic Key Punch			3			1					Do.
405 Alphabetic Accounting Machine			1								Do.
058 Card Operated typewriter						1					Do.
077 Collator with counting device and total card count.			1								Do.
513 Reproducer S.P.			2								Do.
080 Sorter			2			* 1					Non-standard a with collating device.
Lamp Arc, Multilith No. 1416						1					Non-standard.
Lantern, MX-290/GV	2	3	1	1	2	3	1	1	2		
Loudspeaker LS-7 or LS-3										1	
Machine Cutting Strip, Hand operated, built as prescribed by OC Sig O.						1					Non-standard.
Multimeter I-239-( )										1	
Oscilloscope BC-1060-A										1	
Power Unit PE-75-( )	1										
Shelter HO-27	1	2									
Signal Generator I-72										1	
Sink Plate Makers American Type Founders No. 2P.						1					Non-standard.
Soldering:											
Equipment TE-26-A										1	
Iron:											
TL-117										1	
TL-131										1	To be issue until present sup is exhausted.
Telephone EE-8	2	5	5		1	1					
Test Set:											
I-56-K										1	
I-200										1	
Tool Equipment:											
TE-33	1	3									
TE-49										1	
TE-113 or TE-48 and TE-45										2	
Trailer K-52-( )		1									
Typewriter MC-88	2	4									
Vibrator Pack PP-68 ( )/U										1	
Vise:											
TL-148										2	
Hand, 1½ in. jaw opening (6R47112) or equal.										4	Non-standard.
Solid jaw, swivel base (6R47020) or equal.										2	To be issued until present sup is exhausted.
Whirler, plate coating, Multilith No. 1422.						1					Non-standard.
Wire 110-B on Reel DR-4 miles	1	1									

PART IX—SIGNAL INTELLIGENCE—*Continued*

SECTION I

ORGANIZATION

	1	2	3	4	5	6	7	8	9	10	11	12
	Unit	Specification serial No.	Technician grade	Signal intelligence: Cryptographic team	Cryptographic team	Cryptographic team	Radio intercept team	Radio intercept team fixed	Direction finder team, mobile	Direction finder team, portable	Intercept and DF control team	Remarks
	Type			IP	IQ	IR	IS	IT	IU	IV	IW	
2	Captain					1					1	a Not more than 50% lieutenants within a numerically designated unit may be first lieutenants.
3	Cryptanalytic, code	9601				(1)						b Also drives truck.
4	Radio intelligence	0225									(1)	c Must be trained in maintenance of DF equipment.
5	Lieutenant a			1	2	3	1	1			1	d Issued with 12-volt ignition system.
6	Cryptanalytic, code	9601		(1)	(2)	(3)						e Issued only when Radio Set SCR-206 or SCR-503 is authorized.
7	Radio intelligence	0225					(1)	(1)			(1)	f Issued only when Radio Set SCR-255, SCR-502, SCR-551, or SCR-555 is authorized.
8	Total commissioned			1	2	4	1	1			2	IP *Cryptographic team*—Provides the equipment and personnel to operate cryptographic devices in a headquarters. This team operates two converters.
9	Master sergeant					1					1	IQ *Cryptographic team* — Performs similar duties to team IP, except that this team operates four converters, and in two echelons.
10	Cryptographic technician	805				(1)						IR *Cryptographic team* — Performs similar duties to teams IP and IQ, except that it operates 6 converters and operates in as many as 3 echelons.
11	Radio intelligence control chief	543									(1)	IS *Radio intercept team* — Organized and equipped to intercept and copy enemy radio telegraph communications and is capable of portable opera-
12	Technical sergeant				1		1	1			1	
13	Cryptographic technician	805			(1)							
14	Intercept operator (J or G)	738 or 739					(1)	(1)				
15	Radio intelligence control chief	543									(1)	
16	Staff sergeant			1		3	1		1			
17	Cryptographic technician	805		(1)		(3)						
18	Intercept operator (J or G)	738 or 739					(1)					
19	Radio intelligence control chief	543							(1)			
20	Technician, grade 3			1	5	8	9	8	1	1	1	
21	Technician, grade 4			1	4	6	8	8	1	1	1	
22	Technician, grade 5			1	5	6	10	7	2	2	2	
23	Private, first class						1				1	
24	Private										1	
25	Clerk-typist	405	5								(1)	
26	Clerk-typist	405									(1)	
27	Cryptographic repairman, class 2	801	3	(1)	(1)	(2)						

	Type			IP	IQ	IR	IS	IT	IU	IV	IW	
28	Cryptographic technician	805	3		(4)	(6)						tion from vehicles. This is the smallest unit which would normally be used for independent combined intercept and analysis missions where traffic from other sources is not available. Operations of one or more of these units is normally coordinated by a control team. At least one portable direction finder team normally supplements a radio intercept team. Analysis of any traffic taken must be done by other teams provided for that purpose.
29	Cryptographic technician	805	4	(1)	(4)	(6)						
30	Cryptographic technician	805	5	(b 1)	((b 1)5)	((b 1)6)						
31	DF evaluator	869	5									
32	DF evaluator	869									(b 1)	
33	Electrician	078	4								(b 1)	
34	Intercept operator	738 or 739	3					(1)				
35	Intercept operator	738 or 739	4				(S)	(7)	(1)	(1)	(1)	
36	Intercept operator	738 or 739	5				(S)	(7)	(1)	(1)		
37	Message center clerk	667	5				((b 3)8)	((b 2)7)	((b 1)2)	(b 2)		
38	Message center clerk	667					(1)					
39	Radio repairman	648	3				(1)					
40	Traffic analyst	6709 or 8709	4				(c 1)	(c 1)				
41	Truck driver, light	345	5								(1)	
42	Total enlisted			4	15	24	30	24	5	4	8	IT *Radio intercept team, fixed*—Provides the same functions as radio intercept team, IS, except for being less mobile, and designed for operation of more sensitive receivers.
43	Aggregate			5	17	28	31	25	5	4	10	IU *Radio direction finder team, mobile*—Provides personnel and equipment necessary to operate vehicular D/F and intercept station for the purpose of tracking down unauthorized and interfering radio stations. This unit can operate independently, with other similar vehicles, or as an extension to a portable direction finder team network.
44	O Carbine, cal. .30			4	16	27	31	25	5	4	10	
45	O Gun, machine, Browning, heavy barrel, cal. .50.						1					
46	O Gun, submachine, cal. .45			1	1	1						
47	O Trailer, 1-ton					1	2	1				
48	O Truck, ¾-ton			1				1				
49	O Truck, ¾-ton, weapons carrier				1	1	1		d 1	e 1		
50	O Truck, 2½-ton, cargo						2					
51	O Truck, 2½-ton, cargo, w/winch						1	1		f 1	1	IV *Radio direction finder team, portable*—Staffed and equipped to operate either highly portable or semi-fixed direction finders over a continuous 24-hour period. Selection of the specific set should be made based on the type of missions to be performed. These teams may work alone to provide line bearings or in conjunction with other similar teams through a suitable control network to fix the approximate location of radio transmissions. They must always work, however, in conjunction with and receive guiding information from, radio intercept teams, and control teams.

IW *Intercept and DF control team*—Provides personnel and equipment necessary to direct and supervise the activities of 2 to 4 separate or combined radio intercept teams and 4 to 12 radio direction finder teams.

For specification serial numbers for officers see TM 12—406 and 12—407, for enlisted men see TM 12—427.

SECTION II
EQUIPMENT

1	2								3
	Allowances								
Item	Cryptographic team	Cryptographic team	Cryptographic team	Radio intercept detachment	Radio intercept team fixed	Direction finder team mobile	Direction finder team portable	Intercept and DF control team	Basis of distribution and remarks
Type	IP	IQ	IR	IS	IT	IU	IV	IW	
CHEMICAL									
Apparatus, decontaminating, 1½-qt capacity, M2	1	1	1	4	2	1	1	2	1 per fuel consuming mtr vehicle outside continental US when atzd by T of Opns comdr.
Mask, gas, service, combat, M5-11-7	5	17	23	31	25	5	4	10	1 per indiv, (mask, gas, sv, lightweight M3-10A1-6 or M1A3-10A1-6, or mask, gas, sv, will be issued in lieu of mask, gas, sv, combat, M5-11-7 as directed by WD).
Respirator, dust, M2	2	2	2	8	4	2	2	4	2 per wheeled fuel consuming mtr vehicle (respirator, dust, M1 will be issued until exhausted).
ENGINEER									
Compass:									
Lensatic, luminous dial type, w/case	1	2	4	1	1			2	1 per off.
Surveying, w/leather case and tripod					1	1	1		
Wrist, liquid filled				1		2	3		
Drafting Equipment, Set No. 2, company								1	
Glass, magnifying, self illuminated, 2-In. diameter, 5 power reading, 2-In., w/stand.								1	
Net, camouflage, cotton, shrimp:									
22 x 22-Ft	1				1			1	1 per trk, ¼-ton, 4 x 4.
29 x 29-Ft		1	2	3	1	1	or 1		1 per trk, ¾-ton; tlr, 1-ton.
36 x 44-Ft				3	1		1	1	1 per trk, 1½-ton or larger
Protractor, semicircular, plastic, 6-In					2	2		2	
Scale, architect's, triangular, boxwood, w/sheath, 12-In.					2	1		2	
Scale, engineer's, triangular, boxwood, w/sheath, 18-In.					2	1		2	
Tape, measuring, steel, Metric and U S., 100-Ft.					1	1		1	

Type	IP	IQ	IR	IS	IT	IU	IV	IW	
Templet, map, plastic, transparent, M-2	2	4	10	11	8	3	3	5	
Triangle, plastic, transparent:									
30- to 60-degree, 10-In						1		2	
45-degree, 8-In								2	
T-square, maple, plastic-lined, fixed head, 42 In.								1	
MEDICAL									
Kit, First Aid:									
Gas Casualty		1	1	1	1				1 per 25 indiv or maj fraction thereof outside continental US when atzd by T of Opns comdr.
Motor Vehicle, 12-Unit	1	1	1	1	1	1	1	1	1 per 4 fuel consuming mtr vehicles or fraction thereof (except mtcl and veh issued the 24-unit kit).
ORDNANCE									
Weapons and miscellaneous									
Carbine, cal. .30, M2	4	16	27	31	25	5	4	10	1 per indiv not otherwise armed.
Clock, message center, M2					1				
Gun:									
Machine, Browning, heavy barrel, cal. .50, M2, flexible				1					
Submachine, cal. .45, M3	1	1	1						
Mount, machine gun, cal. .50, AA, M3				1					
Watch, wrist, 7 or 15 or more jewel	1	2	4	1	1				1 per MG, cal. .50.
									Outside continental US when atzd by T of Opns comdr.
Vehicles									
Trailer, 1-ton, 2-wheel, cargo			1	2	1				
Truck:									
¼-ton, 4 x 4	1				1				
¾-ton, 4 x 4, weapons carrier		1	1	1		a 1	b 1	1	
2½-ton, 6 x 6, cargo				2			or		a Provided with 12-volt ignition system. b Per SCR-206 or SCR-503.
2½-ton, 6 x 6, cargo, w/winch				1	1		c 1	1	c Per SCR-255, SCR-502, SCR-551, or SCR-555 or SCR-291A.

Motor transport equipment

1	2								3
	Allowances								
Item	Cryptographic team	Cryptographic team	Cryptographic team	Radio intercept detachment	Radio intercept team fixed	Direction finder team mobile	Direction finder team portable	Intercept and DF control team	Basis of distribution and remarks
Type	IP	IQ	IR	IS	IT	IU	IV	IW	
Axe, handled, chopping, single bit, standard grade, 4-lb.	1	1	1	4	2	1	1	2	1 per fuel consuming mtr vehicle (except combat vehicle passenger car and mtcl).
Chain, motor vehicle, tow, 16′ long x 7/16″ dia.				3	1		1	1	1 per fuel consuming mtr vehicle 1½-tons to 2½-tons incl, outside continental US.
				or					or
				1					1 per 3 fuel consuming mtr vehicles 1½-tons to 2½-tons incl, in continental US.
Defroster and Deicer, electric, windshield	1	1	1	4	2	1	1	2	1 per trk when atzd by army or T of Opns comdr.
Mattock, handled, pick, type II, class F, 5-lb.		1	1	4	1	1	1	1	1 per fuel consuming mtr vehicle except combat vehicle, passenger cars, truck, ¼-ton, 4 x 4, and mtcl.
Rope, tow, 20′ long, 1″ dia	1	1	1	1	1	1	1	1	1 per fuel consuming mtr vehicle under 1½-tons capacity except mtcl.
Shovel, general purpose, D-handled, strap-back, round point, No. 2.	1	1	1	4	2	1	1	2	1 per fuel consuming mtr vehicle except combat vehicles, passenger cars and mtcl.
QUARTERMASTER									
Organizational clothing									
Mittens, Asbestos, M-1942				2					2 per MG, cal. .50.

Individual equipment

Type	IP	IQ	IR	IS	IT	IU	IV	IW	
Bag, Canvas, Field, OD, M-1936	5	17	28	31	25	5	4	10	1 per indiv.
Belt, Pistol or Revolver, M-1936	5	17	28	31	25	5	4	10	1 per indiv armed with carbine or pistol; indiv not otherwise furnished cartridge belt.
Cover:									
Canteen, Dismounted, M-1910	5	17	28	31	25	5	4	10	1 per indiv.
Canvas, Muzzle, Rifle or Carbine	4	16	27	31	25	5	4	10	1 per rifle, US, cal. .30, M1903A1, or carbine, when atzd by CG, army or T of Opns comdr.
Pocket, Magazine, for Carbine, Cal. .30	8	32	54	62	50	10	8	20	2 per indiv armed with carbine, cal. .30.
Strap, Carrying, General Purpose	5	17	28	31	25	5	4	10	1 per bag, canvas, fld, OD, M-1936 (strap, carrying, bag, canvas, fld, OD, M-1936 will be issued until exhausted).
Suspenders, Belt, M-1936	5	17	28	31	25	5	4	10	1 per indiv.

Organizational equipment

Axe:									
Handled, Chopping, Single-Bit, Standard Grade, Weight, 4-lb.					2				
Intrenching, M-1910, With-Handle	1	2	3	3	2	1	1	1	1 per 10 EM outside continental US when atzd by T of Opns comdr.
Bag:									
Carrying, Ammunition	1	1	1						1 per SMG, cal. .45.
Delousing		1	1	1	1			1	1 per 20 indiv or maj fraction thereof in areas where louse-borne typhus is high, when atzd by WD.
			or	or	or				or
			1	1	1				1 per 35 indiv or maj fraction thereof in areas where louse-borne typhus is low, when atzd by WD.
Bar, Wrecking, Type-D, Gooseneck, ¾-In. x 24-In.				1	1		1		
Bucket, Canvas, Water, 18-Qt	1	1	1	4	2	1	1	2	1 per fuel consuming mtr vehicle except combat vehicle.
Burner, Oil, Stove, Tent, M-1941	2	4	6		8				1 per stove, tent, M-1941 when atzd by WD.
Can, Water, 5-Gallon	1	3	6	6	5	1	1	2	1 per 5 indiv or major fraction thereof.
Carrier:									
Axe, Intrenching, M-1910	1	2	3	3	2	1	1	1	1 per axe, intrenching, M-1910, with-handle.
Pick-Mattock, Intrenching, M-1910		3	5	6	5	1	1	2	1 per pick-mattock, intrenching, M-1910, with-handle.
Shovel, Intrenching, M-1943	3	10	16	21	17	3	2	5	1 per shovel, intrenching, M-1943 (carr, shovel, intrenching, M-1910 to be issued when shovel, intrenching, M-1910 is issued).

1	2								3
	Allowances								
Item	Cryptographic team	Cryptographic team	Cryptographic team	Radio intercept detachment	Radio intercept team fixed	Direction finder team mobile	Direction finder team portable	Intercept and DF control team	Basis of distribution and remarks
Type	IP	IQ	IR	IS	IT	IU	IV	IW	
Case, Canvas, Dispatch	1	2	4	1	1			2	1 per off.
Chair, Folding	4	10	15	2	10			5	
Desk, Field (Empty), Fiber, Company		1	1						
Drum, Inflammable-Liquid (Gasoline), Steel, With-Carrying-Handle, Capacity, 5-Gal.	2	4	6	9	4	2	2	3	1 per power unit; trk, ¼-ton, 4 x 4; 2 per trk, ¾-ton or larger.
Goggles, M-1944	2	2	2	9	4	2	2	4	2 per fuel consuming mtr vehicle; 1 per MG.
Hammer, Carpenter's, Claw, Bell-Faced, Weight 1-lb.				1	1				
Kit Sewing		1	2	2	2			1	1 per 12 EM or maj fraction thereof.
Lantern, Gasoline, Leaded Fuel		1	1	1	1			1	
Machete, 18-Inch-Blade, M-1942				4		1			
Machine, Numbering, Automatic, 5-Wheel, 4-Movement.	2	2	4						
Machine, Paper-Fastening, Lever-or-Plunger-Type, Wire-Staple, Preformed, Light-Duty.	2	2	4	2	2			1	
Outfit, Cooking, 2-Burner						1	1		
Perforator, Non-Adjustable, Two-Hole				1	1			1	
Pick, Handled, Railroad, 6-to-7-lbs					2				
Pick-Mattock, Intrenching, M-1910, With-Handle.		3	5	6	5	1	1	2	2 per 10 EM outside continental US when atzd by T of Opns comdr.
Safe, Field, Combination Lock	1	1	1	1	1			1	Safe, fld, key-lock to be issued in liew thereof pending availability.
Saw, Crosscut, Hand, Length (Cutting-Edge), 24-In., Points per Inch.				1	1				
Screen, Latrine, Complete (With-Pins-and-Poles).				1					
Sheath, Machete, 18-In. Blade, M-1942				4		1			1 per machete, 18-in. blade, M-1942.
Shovel:									
General Purpose, D-Handle, Strap-Back, Round-Point, No. 2.					2				
Intrenching, M-1943	3	10	16	21	17	3	2	5	7 per 10 EM outside continental US when atzd by T of Opns comdr. (shovel, intrenching, M-1910 to be issued until exhausted).
Stone, Sharpening, Pocket				4		1			1 per machete, 18-in blade, M-1942.
Stove, Tent, M-1941, Complete	2	4	6		8				2 per tent squad when atzd by CO.

[redacted] [redacted]

Type	IP	IQ	IR	IS	IT	IU	IV	IW	
Table, Camp, Folding	2	4	7	1	4			3	
Tent:									
Squad, M-1942, Complete (With-Pins-and-Poles).	1	2	3		4				2 tent, pyramidal may be substituted for one Tent squad.
Wall, Large, Complete (With-Fly-Pins-and-Poles).	1	2	3						
Tool-Set (Complete With-Tools), Carpenters', No. 2.					1				
Tube, Flexible-Nozzle	1	1	1	4	2	1	1	2	1 per fuel consuming mtr vehicle except combat vehicle.
Typewriter, Non-Portable, 11-Inch-Carriage.					1				
Typewriter, Portable, With-Carrying-Case				1				1	
Whistle, Thunderer	1	2	4	1	1			2	
SIGNAL									
Axle RL-27-A				1				1	
Bag BG-10S				6		3			
Cabinet CH-104					12	1			1 per radio receiver BC-779, BC-794, or BC-1009.
Calibrator Crystal RCA -157 or equal							1		Nonstandard.
Case CS-119-A				4	3		2	3	
Charging Set SCR-169							1		
Chest:									
BC-5	1	2	4	4	3		1	4	
Set TD-3				2	1	1	1	2	
Coil C-161							1		
Converter M-209-( )								4	
Cord:									
CD-262						1			
CD-415	1	2	3	2				1	
CD-605				2		6	1	2	
Dynamotor DM-21-( ) or equal						1			For use with radio receiver BC-794.
Finch Loop Amplifier and Loop Rotator Model F-115-A.						1			Nonstandard.
Flashlight TL-122-( )	3	8	13	17	10	1	3	5	
Frequency Meter Set SCR-211-( )				1	1	1	1		
Gauge TL-144				1					
Headset HS-30				2	10	6	1	2	
Heater, Miller Model OG-31A				3		3	1	1	Nonstandard.
Holder M-167				6			2		
Lantern MX-290/GV	1	2	3	3	3	1	1	2	
Lineman's Equipment TE-21				1					
Loudspeaker LS-7 or LS-3				3	1	1	1		
Mast:									
Base MP-48				6		3			
Bracket MP-50				6		3			
Sections MS-49 to 53 inclusive				7		4			

1	2								3
	Allowances								
Item	Cryptographic team	Cryptographic team	Cryptographic team	Radio intercept detachment	Radio intercept team fixed	Direction finder team mobile	Direction finder team portable	Intercept and DF control team	Basis of distribution and remarks
Type	IP	IQ	IR	IS	IT	IU	IV	IW	
Microphone T-45 or T-30-( )				2	1	1	1	2	
Multimeter I-239-( )				1	1				
Panel Set AP-50-( )				1			1	1	
Plotting Equipment ME-32								1	
Power:									
Unit PE-75-( )	1	2	3	1				1	
Unit PE-95-( )			1		1				
Pack Vibrator American Television and Radio Corporation #12 with Audio Filter Style B 12-volt imput or equal.							1		Nonstandard.
Radio Intercept Central TC-9 (less positions C, D, E, F, 2 each BC-787, 1 each BC-1031, 1 each RC-173).				1					
Radio:									
Receiver:									
BC-312-( )						1			
BC-314-( )						1			
BC-344-( )					1				
BC-779-( )					1				
BC-794						1			
BC-1004					11				
Set:									
SCR-206, or SCR-503, or SCR-255, or SCR-551, or SCR-502, or SCR-291-A, or SCR-555, or SCR-556							1		Type to be specified by theater Comdr.
SCR-244-( )				2					
SCR-694-( ) or SCR-284-( )						1			
Recorder BC-1016					2				
Recording Equipment RC-179-( )					3				
Rectifier RA-91					12				1 per radio receiver BC-1004 and BC-779.
Roll BC-56-( )				7					
Shelter HO-27								1	

Type	IP	IQ	IR	IS	IT	IU	IV	IW	
Shock Absorber Lord Mfg Co.:									
No. 200-PH-20				8		5			Nonstandard.
No. 150-PH-15						5			Nonstandard.
Signal Generator I-72					1				
Soldering:									
Equipment TE-26-A					1				
Iron TL-117						1			
Stamp MC-181				3				1	
Switchboard BD-71								1	
Telegraph Set TG-5-( )				2			1		
Telephone EE-8	1	2	4	4		1	1	3	
Terminal Strip TM-184							2	4	
Test Set:									
I-56-K					1				
I-176						1			
I-209				1	1				
Tool Equipment:									
TE-33	1	2	4	9		2	2	3	
TE-113 or TE-45 and TE-48				1	1				
Typewriter MC-88	1	2	4					2	
Vibrator Pack PP-68 ( )/U				1	1				
Vise TL-148				1	1				
Wire W-110-B on Reel DR-4 ..... miles	1	2	3	3				2	
Wire W-153 ..... feet				2000					

PART X—SECURITY

SECTION I

ORGANIZATION

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
				Security											
	Unit	Specification serial No.	Technician grade	Security team	Security team	Security team	Security team	Security control team	Security control team	Security control team	Security investigation team	Security investigation team	Security maintenance team	Security maintenance team	Remarks
	Type			SA	SD	SF	SG	SH	SI	SJ	SK	SL	SM	SN	
2	Lieutenant a							1	1	1					
3	Radar, special (AH-1)	0151								(1)					
4	Radio, special (AH-3)	0533						(1)	(1)						
5	Total commissioned							1	1	1					
6	Master sergeant														
7	Chief intercept operator	738 or 739							1						
8	Technical sergeant								(1)						
9	Chief radar repairman	974			1			1	1						
10	Chief radio operator	766													1
11	Chief radio operator, AN/MRQ	1766			(1)										(1)
12	Interpreter	320						(1)							
13	Staff Sergeant								(1)						
14	Chief radio operator, AN/MRQ	1766		1			1								
15	Chief radar repairman, AN/TPT	974		(1)											
16	Technician grade 3						(1)								
17	Technician grade 4				1			3	1		1		1	1	
18	Technician grade 5 including			1	2	1		1	1	1	2	1	1	2	
19	Private first class			2	3	2	2	2		2	3	3	3		
20	Private			1			1	2	1	1	1	1	1	1	
21	Balloon envelope repairman	619	5					1							
22	Balloon maneuvering crewman	526	5	(b 1)									(1)		
23	Interpreter	320	3					(1)							

a Not more than 50 percent of lieutenants within a numerically designated unit may be first lieutenants.

b Also drives truck.

c See notes on equipment section which qualify this allowance.

Advice of the Signal Security Branch, OCSigO, will be obtained before any of the following teams are used:

SA. *Security team*—Operates special equipment assigned the letter nomenclature of AN/MRQ-2.

SD. *Security team*—Operates radio set SCR-193, or SCR-506, or radio set SCR-284 or radio set SCR-299 or SCR-399 as modified under the direction of Signal Security Branch, OCSigO.

SF. *Security team*—Operates radio set SCR-543 as modified under the direction of Signal Security Branch, OCSigO. Two of these teams may be used to operate one Radio Set SCR-508 or SCR-608 as modified under direction of Signal Security Branch, OCSigO.

SG. *Security team*—Operates special equipment assigned the letter nomenclature of AN/TPT-1.

SH. *Security control team*—Used to control not more than 3 security teams SA.

SI. *Security control team*—Used to control 2 or more control teams SH.

SJ. *Security control team*—Used to control security team SG.

SK. *Security investigation team*—Used in conjunction with security team SA.

SL. *Security investigation team*—Used in conjunction with security team SG.

SM. *Security maintenance team*—Performs maintenance for 1 or more security teams SA.

SN. *Security maintenance team*—Performs maintenance for 1 or more security teams SG.

For specification serial numbers for officers see TM 12-406 and 12-407; for enlisted men see TM 12-427.

	Type			SD	SA	SF	SG	SH	SI	SJ	SK	SL	SM	SN
24	Lineman	239	4					(1)						
25	Lineman	238	5					(1)						
26	Powerman	166	4											(1)
27	Powerman	166	5										(1)	
28	Radar operator, AN/TPQ	842	4							(1)		(1)		
29	Radar operator, AN/TPQ	842	5							(1)		(b 3)		
30	Radar operator, AN/TPT	843	5				(b 1)							
31	Radar repairman	974	3											(1)
32	Radio intercept operator	738 or 739	3					(1)	(1)		(1)			
33	Radio intercept operator	738 or 739	4						(b 1)		(2)			
34	Radio intercept operator	738 or 739	5								(2)			
35	Radio operator, AN/MRQ	1766	3					(1)						
36	Radio operator, AN/MRQ	1766	4		(b 1)									
37	Radio operator, high speed	766	3	(1)										
38	Radio operator, high speed	766	4	(2)										
39	Radio operator, high speed	766	5	(b 3)							(b 1)			
40	Radio operator, low speed	776	4			(b 1)								
41	Radio operator, low speed	776	5			(b 2)	(b 1)			(b 1)				
42	Radio repairman	648	4											(b 1)
43	Radio repairman, AN/MRQ	1648	3										(1)	
44	Radio repairman, AN/MRQ	1648	4										(1)	
45	Radio repairman, AN/MRQ	1648	5										(b 1)	
46	Truck driver	345	5	(1)				(1)						
47	Truck driver	345		(1)			(1)	(3)	(1)	(1)	(1)	(1)	(1)	(1)
48	Total enlisted			7	5	3	4	10	5	4	7	5	6	5
49	Aggregate			7	5	3	4	11	6	5	7	5	6	5
50	O Carbine, cal. .30			5	7	3	4	11	6	5	7	5	6	5
51	O Truck, ¼-ton			1	c 1	c 1	1	1	1	1		1	1	1
52	O Truck, ½-ton, weapons carrier			1	c 2	c 2	1	1						
53	O Truck, 2½-ton, cargo			2	c 1		1	2	1	1	1	1	1	1

SECTION II
EQUIPMENT

CHEMICAL

1	2											3
Item	Allowances											Basis of distribution and remarks
	Security team	Security team	Security team	Security team	Security control team	Security control team	Security control team	Security investigation team	Security investigation team	Security maintenance team	Security maintenance team	
Type	SA	SD	SF	SG	SH	SI	SJ	SK	SL	SM	SN	
Apparatus, decontaminating, 1½-qt capacity, M2.	4	3	3	3	4	2	2	1	2	2	2	1 per fuel consuming mtr vehicle outside continental US when atzd by T of Opns comdr.
Mask, gas, service, combat, M5-11-7.	5	7	3	4	11	6	5	7	5	6	5	1 per indiv (mask, gas, sv, lightweight, M3-10A1-6 or M3A1-10A1-6, or mask, gas, sv, will be issued in lieu of mask, gas, sv, combat, M5-11-7 as directed by WD).
Respirator, dust, M2	8	6	6	6	8	4	4	2	4	4	4	2 per wheeled fuel consuming mtr vehicle (respirator, dust, M1 will be issued until exhausted).

ENGINEER

Compass, lensatic, luminous dial type, w/case.					1	1	1					1 per off.
Net, camouflage, cotton, shrimp:												
22 x 22-Ft	1	1	1	1	1	1	1		1	1	1	1 per trk, ¼-ton, 4 x 4.
29 x 29-Ft	1	2	2	1	1							1 per trk, ¾-ton.
36 x 44-Ft	2	1		1	2	1	1	1	1	1	1	1 per trk, 1½-ton or larger.

MEDICAL

Kit, First Aid, Motor Vehicle, 12-Unit.	1	1	1	1	1	1	1	1	1	1	1	1 per 4 fuel consuming mtr vehicles or fraction thereof.

ORDNANCE

Weapons and miscellaneous

Type	SA	SD	SF	SG	SH	SI	SJ	SK	SL	SM	SN	
Carbine, cal. .30, M2	5	7	3	4	11	6	5	7	5	6	5	1 per indiv not otherwise armed.
Clock, message center, M2					1	1	1					Outside continental US when atzd by T of Opns comdr.
Watch, wrist, 7 or 15 or more jewel.	1	1	1	1	1	1	1	1	1	1	1	

Vehicles

Truck:												
¼-ton, 4 x 4	1	1	d 1	1	1	1	1		1	1	1	
¾-ton, 4 x 4:												
Weapons carrier (12 volt)		a 1	d 1									a Will be furnished only when rad set SCR-193 or SCR-506 is issued to the team.
Weapons carrier	1	b 1	c 1	1	1							b Will not be issued when rad set SCR-193 or SCR-506 is issued to the team.
2½-ton, 6 x 6, cargo	2	c 1		1	2	1	1	1	1	1	1	c Will be issued only when rad set SCR-399 is issued to the team.
												d 1 trk, ¼-ton, 4 x 4 and 1 trk, ¾-ton, 4 x 4, Wpns carr (12-volt) will be furnished per 2 teams only when rad set SCR-508 or SCR-608 is issued for use of 2 teams.
												e Will be issued only when rad set SCR-543 is issued to the team.

Motor transport equipment

Axe, handled, chopping single bit, standard grade, 4-lb.	4	3	3	3	4	2	2	1	2	2	2	1 per fuel consuming mtr vehicle.
Chain, motor vehicle, tow, 16' long x ⅜" dia.	2	1		1	2	1	1	1	1	1	1	1 per fuel consuming mtr vehicle, 2½-ton.
Defroster and Deicer, electric, windshield.	4	3	3	3	4	2	2	1	2	2	2	1 per trk when atzd by Army or T of Opns comdr.
Mattock, handled, pick, type II, Class F, 5-lb.	3	2	2	2	3	1	1	1	1	1	1	1 per fuel consuming mtr vehicle, except trk, ¾-ton.

1	2											3
Item	Allowances											Basis of distribution and remarks
	Security team	Security team	Security team	Security team	Security control team	Security control team	Security control team	Security investigation team	Security investigation team	Security maintenance team	Security maintenance team	
Type	SA	SD	SF	SG	SH	SI	SJ	SK	SL	SM	SN	
Rope, tow, 20′ long, 1″ dia	2	2	3	2	2	1	1	--------	1	1	1	1 per fuel consuming mtr vehicle, under trk, 1½-ton.
Shovel, general purpose, D-handled, strapback, round point, No. 2.	4	3	3	3	4	2	2	1	2	2	2	1 per fuel consuming mtr vehicle.
QUARTERMASTER												
Individual equipment												
Bag, Canvas, Field, OD, M1936.	5	7	3	4	11	6	5	7	5	6	5	1 per indiv.
Belt, Pistol or Revolver, M-1936.	5	7	3	4	11	6	5	7	5	6	5	1 per indiv armed w/carbine or pistol; per indiv not otherwise furnished cartridge belt.
Cover:												
Canteen, Dismounted, M-1910.	5	7	3	4	11	6	5	7	5	6	5	1 per indiv.
Canvas, Muzzle, Rifle or Carbine.	5	7	3	4	11	6	5	7	5	6	5	1 per rifle, US cal., .30, M1903A3 or M1903A1 or carbine when atzd by CG, army or T of Opns comdr.
Pocket, Magazine for Carbine, Cal. .30.	10	14	6	8	22	12	10	14	10	12	10	2 per indiv armed w/carbine, cal. .30.
Strap, Carrying, General Purpose.	5	7	3	4	11		5	7	5	6	5	1 per indiv (strap, carrying, bag, canvas, fld, od, M-1936 will be issued until exhausted).
Suspenders, Belt, M-1936	5	7	3	4	11	6	5	7	5	6	5	1 per indiv.

Organizational equipment

Type	SA	SD	SF	SG	SH	SI	SJ	SK	SL	SM	SN	
Axe Intrenching M-1910 with Handle.	1	1	--------	--------	1	--------	--------	1	1	1	--------	1 per 10 EM outside continental US when atzd by T of Opns comdr.
Bucket:												
Canvas, Water, 18-Qt	4	3	3	3	4	2	2	1	2	2	2	1 per fuel consuming mtr vehicle.
General-Purpose, Galvanized, Heavy-Weight, Without-Lip, 14-Qt.	--------	--------	--------	--------	--------	--------	--------	--------	--------	1	1	
Can, Water, 5-Gallon	1	1	1	1	2	1	1	1	1	1	1	1 per 5 indiv or maj fraction thereof.
Carrier:												
Axe, Intrenching, M-1910	1	1	--------	--------	1	--------	--------	1	1	1	--------	1 per Axe intrenching, M-1910, w/handle.
Pick-Mattock, Intrenching, M-1910.	1	2	1	1	2	1	1	2	1	1	1	1 per pick-mattock, intrenching, M-1910, w/handle.
Shovel, Intrenching, M-1943.	3	4	2	3	7	4	3	4	3	4	4	1 per shovel, intrenching, M-1943 (carr, shovel, intrenching, M-1910 to be issued when shovel, intrenching, M-1910 is issued).
Case, Canvas, Dispatch	--------	--------	--------	--------	1	1	1	--------	--------	--------	1	1 per off.
Chair, Folding	--------	--------	--------	--------	6	3	2	--------	--------	--------	--------	
Drum, Inflammable-Liquid, (Gasoline), Steel, With-Carrying-Handle, Capacity, 5 Gal.	7	5	5	5	7	3	3	2	3	3	3	1 per trk, ¼-ton, 4 x 4; 2 per trk, ¾-ton or larger.
Goggles, M-1944	8	6	6	6	8	4	4	2	4	4	4	2 per fuel consuming mtr vehicle.
Kit, Sewing	--------	1	--------	--------	1	--------	--------	1	--------	1	--------	1 per 12 EM or maj fraction thereof.
Lantern, Gasoline, Leaded Fuel.	1	1	1	1	1	1	1	--------	--------	--------	--------	
Pick-Mattock, Intrenching, M-1910, With-Handle.	1	2	1	1	2	1	1	2	1	1	1	2 per 10 EM outside continental US when atzd by T of Opns comdr.
Shovel, Intrenching, M-1943	3	4	2	3	7	4	3	4	3	4	4	7 per 10 EM outside continental US when atzd by T of Opns comdr (shovel, intrenching, M-1910 to be issued until exhausted).
Table, Camp, Folding	--------	--------	--------	--------	--------	2	--------	--------	--------	--------	--------	
Tool Set, (Complete With Tools), Carpenters', No. 2.	--------	--------	--------	--------	--------	--------	--------	--------	--------	1	1	
Tube, Flexible-Nozzle	4	3	3	3	4	2	2	1	2	2	2	1 per fuel consuming mtr vehicle.
Typewriter, Portable, With-Carrying-Case.	--------	--------	--------	--------	1	--------	--------	--------	--------	--------	--------	

SIGNAL

1	2											3
	Allowances											
Item	Security team	Security team	Security team	Security team	Security control team	Security control team	Security control team	Security investigation team	Security investigation team	Security maintenance team	Security maintenance team	Basis of distribution and remarks
Type	SA	SD	SF	SG	SH	SI	SJ	SK	SL	SM	SN	
Chest:												
BC-5										2	2	
Set:												
TD-1	1				3							
TD-3				1	1	1	1			2	2	
Converter M-209-( )	1	1	1	1	1	1	1					
File Equipment TE-8										1	1	
Flashlight TL-122-( )	5	5	3	4	6	5	3	1	2	2	3	
Headset HS-30	1			1	3	1	1			2	2	
Holder M-167	1	1	1	1	2	2	1	1	1	1	2	
Lantern MX-290/GY								1	1	1	1	
Microphone T-45 or T-30				1	1	1	1		1	1	1	
Multimeter I-239-( )										2	2	1 per tool equip TE-113.
Protector AR-6	1			2	3	2	1			1	1	
Radio Set:												
SCR-284-( ) or SCR-694-( )				1			1					
SCR-610-( )	1				1	2				1		
Reel Unit RL-31					1		1					
Shelter HO-17	1				2	1	1		1	1	1	
Telephone EE-8				2	1	2	1			1	1	
Test Equipment IE-9-( )										1		
Tool Equipment:												
TE-33	1	1	1	1	2	2	1	1	1	3	2	
TE-36			1	1	1			1	1	1	1	
TE-113 or TE-45 and TE-48.										2	2	
Wire W-110-B on Reel DR-4.					15		10					
	(g)	(g)	(g)	(g)	(g)	(g)	(g)	(g)	(g)	(g)	(g)	g The sp rad equip will be furnished to this team as specified by the CSO, with approval of WD.

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OFFICIAL:
J. A. ULIO,
Major General,
The Adjutant General.

G. C. MARSHALL,
Chief of Staff.

[A. G. 320.3 (28 Mar 44).]

BY ORDER OF THE SECRETARY OF WAR:

☆ U. S. GOVERNMENT PRINTING OFFICE: 1944—613415

CHANGES
No. 1

WAR DEPARTMENT
WASHINGTON 25, D. C., 12 February 1945

SIGNAL SERVICE ORGANIZATION

T/O & E 11-500, 22 September 1944, Part X, is changed by adding the following team. Line and column numbers apply to this change only.

SECTION I ORGANIZATION

	1	2	3	4	5
1	Unit	Specification serial No.	Technician grade	Service detachment	Remarks
	Team			SO	
2	Lieutenant[a]			1	[a]Not over 50 percent lieutenants may be first lieutenants within a numerically designated unit.
3	Radar	0140		([b]1)	[b]Must be trained in maintenance and operation of special equipment provided by the Chief Signal Officer.
4	Total commissioned			1	[c]Also drives truck.
5	Technical sergeant			1	[d]Trained in operation and maintenance of power unit PU-6/TPB-1.
6	Radar repairman AN/APR-4	952		([b]1)	SO--Service Team - Operates radio receiver AN/APR-4-( ) equipped with direction finder antenna assembly AN/APA-24, as modified by the Chief Signal Officer.
7	Technician, grade 4 } including			1	
8	Technician, grade 5 } including			2	
9	Automotive mechanic	014	5	([cd]1)	
10	Radio repairman	648	4	([b]1)	
11	Radio repairman	648	5	([bc]1)	
12	Total enlisted			4	
13	Aggregate			5	
14	0 Carbine, cal. .30			4	
15	0 Pistol, cal. .45			1	
16	0 Trailer, ¼-ton			1	
17	0 Trailer, 1-ton			1	
18	0 Truck, ¼-ton			1	
19	0 Truck, 3/4-ton, weapons carrier			1	

AGO 344B-Feb--622702-45

SIGNAL SERVICE ORGANIZATION

SECTION II EQUIPMENT

CHEMICAL

1	2	3
Item	Allowances	Basis of distribution and remarks
	SO	
Apparatus, decontaminating, 1½-qt capacity, M2.	2	1 per fuel consuming mtr vehicle outside continental US when auth by theater of Opns comdr.
Mask, gas, service, combat, M5-11-7.....	5	1 per indiv (mask, gas, sv, lightweight, M3-10A1-6 or M3A1-10A1-6 or mask, gas, sv, will be issued in lieu of mask, gas, sv, combat, M5-11-7, as dir by WD).
Respirator, dust, M2.....	4	2 per wheeled fuel consuming mtr vehicle (respirator, dust, M1 will be issued in lieu of respirator, dust, M2 until exhausted).

ENGINEER

Compass:		
Lensatic, luminous dial, w/case.....	1	
Surveying, w/leather case and tripod.....	1	
Wrist, liquid filled.....	2	
Drafting Equipment, Set No. 2, company.....	1	
Net, camouflage, cotton, twine, fabric garnished:		
22 x 22-Ft.....	2	1 per trk, ¼-ton; tlr, ¼-ton.
29 x 29-Ft.....	2	1 per trk, 3/4-ton; tlr, 1-ton.
Templet, map, plastic, transparent, M2	1	

MEDICAL

Kit, first aid, motor vehicle, 12-unit, complete.	1	1 per 2 fuel consuming mtr vehicles or fraction thereof.

ORDNANCE

Weapons and miscellaneous

Binocular, M-17.....	1	SNL F-238.
Carbine, cal. .30, M2.....	4	1 per indiv not otherwise armed (Ord 7, SNL B-28).
Clock, message center, M2.....	1	SNL F-194 (clock, msg cen, M1 may be issued until exhausted).
Pistol, automatic, cal. .45, M1911A1.....	1	Ord 7, SNL B-6.
Watch:		
Stop, type B, class 15.....	2	SNL F-36.
Wrist, 7 or 15 or more jewel.....	1	Do.

Vehicles

Trailer:		
¼-ton, 2-wheel, cargo.....	1	SNL G-529.
1-ton, 2-wheel, cargo.....	1	SNL G-518.
Truck:		
¼-ton, 4 x 4.....	1	SNL G-503.
3/4-ton, 4 x 4, weapons carrier.....	1	Ord 7, SNL G-502 (to be furnished with 12-volt ignition system).

Motor transport equipment

Axe, handled, chopping, single bit, standard grade, 4-lb.	2	1 per fuel consuming mtr vehicle (Ord 5, J-6).
Defroster and Deicer, electric, windshield.	2	1 per trk outside continental US when auth by army or theater of opr comdr.
Mattock, handled, pick, type II, class F, 5 lb.	1	1 per fuel consuming motor vehicle except trk, ¼-ton (Ord 5, SNL J-6).

SIGNAL SERVICE ORGANIZATION

1	2	3
Item	Allowances	Basis of distribution and remarks
	SO	
Rope, tow, 20' long, 1" diam.....	2	1 per fuel consuming mtr vehicle under 1½-tons capacity (SNL H-9).
Shovel, general purpose, D-handled, strapback, round point, No. 2.	2	1 per fuel consuming mtr vehicle (Ord 5, SNL J-6).
Tool Set, (complete with tools), General Mechanics'.	1	Ord 6, SNL G-27.

QUARTERMASTER

Individual equipment

Bag, Canvas, Field, OD, M-1936.....	5	1 per indiv.
Belt, Pistol or Revolver, M-1936.....	5	1 per indiv armed with pistol only or carbine, cal. .30.
Cover:		
Canteen, Dismounted, M-1910.....	5	1 per indiv.
Canvas, Muzzle, Rifle or Carbine.....	4	1 per carbine, cal. .30 (to be issued until exhausted).
Pocket:		
Cartridge, Cal. .30, M1, carbine or rifle	9	2 per indiv armed with carbine or rifle.
Magazine, Double-Web, EM, M-1923.....	1	1 per indiv armed with pistol.
Strap, Carrying, General Purpose.....	5	1 per bag, canvas, fld, od, M1936 (strap, carrying, bag, canvas, fld, od, M1936 will be issued until exhausted).
Suspenders, Belt, M-1936.....	5	1 per indiv.

Organizational equipment

Axe, Intrenching, M-1910, With-Handle.....	1	1 per 10 EM outside continental US when auth by theater of opr comdr.
Bucket, Canvas, Water, 18-qt.....	2	1 per fuel consuming mtr vehicle.
Burner, oil, stove, tent, M-1941.....	2	1 per stove, tent, M1941.
Can, Water, 5-Gallon.....	1	1 per 5 indiv or maj fraction thereof.
Carrier:		
Axe, Intrenching, M-1910.....	1	1 per axe, intrenching.
Pick-Mattock, Intrenching, M-1910.....	1	1 per pick-mattock, intrenching.
Shovel, Intrenching, M-1943.....	2	1 per shovel, intrenching, M1943 (carr, shovel, intrenching, M1910 will be issued when shovel, intrenching, M1910 is issued).
Case, Canvas, Dispatch.....	1	1 per off.
Chest, Record, Fiber.....	1	
Container, Round, Insulated, M-1941, With-Inserts.	1	
Drum, Gasoline, 5 Gallon.....	5	1 per power unit PU-6/TPS-1; trk, ¼-ton; 2 per trk, 3/4-ton or larger.
	or	
	7	1 add per burner, oil, stove, tent, M1941 when burner is issued.
File, Paper, Clip, Wood-Back.....	1	
Goggles, M-1944.....	4	2 per fuel consuming mtr vehicle.
Machete, 18-Inch-Blade, M-1942.....	1	
Outfit, Cooking, 1-Burner.....	2	
Pick-Mattock, Intrenching, M-1910, With-Handle.	1	2 per 10 EM outside continental US when auth by theater of opr comdr.
Sheath, Machete, 18-In. Blade, Plastic, M1944.	1	1 per machete (sheath, machete, 18-in.blade, M1942 will be issued in lieu thereof until exhausted).
Shovel, Intrenching, M-1943.....	2	7 per 10 EM outside continental US when auth by theater of opr comdr (shovel, intrenching, M1910 will be issued until exhausted).
Stone, Sharpening, Pocket.....	1	1 per machete.
Stove, Tent, M-1941, Complete.....	2	2 per tent sqd.

SIGNAL SERVICE ORGANIZATION

1	2	3
Item	Allowances	Basis of distribution and remarks.
	SQ	
Tent, Squad, M-1942, Complete (With-Pins-and-Poles).	1	Outside continental US when auth by theater of opr comdr (tent, storage, complete w/pins and poles will be issued in lieu thereof until exhausted).
Tube, Flexible-Nozzle.....	2	1 per fuel consuming mtr vehicle.
Whistle, Thunderer.....	1	
	SIGNAL	
Battery HB-46.....	2	
Direction Finder Antenna Assembly AN/APA-24-( ).	1	To be modified by CSigO.
Headset HS-30-( ).....	1	
Maintenance Equipment:		
ME-13 or Alignment Equipment ME-73-( )...	1	
ME-34.....	1	
Oscilloscope I-134-( ).....	1	
Power Unit PU-6/TPS-1.....	2	100-ft extension power cable to be included for each unit.
Radio:		
Receiving Equipment AN/APR-4-( ) Non-standard.	1	Complete with 2 sets of repl tubes.
Set SCR-610-( ).....	1	
Transmitter BC-655-A.....	1	
Test:		
Oscillator TS-47( )/APR.....	1	
Set I-56-( ).....	1	
Tool Equipment:		
TE-41.....	1	
TE-113 or TE-45 and TE-48.....	2	
Vibrator Unit PE-151-( ).....	2	To be issued until exhausted.

(AG 320.3 (6 Feb 45))

BY ORDER OF THE SECRETARY OF WAR:

OFFICIAL:
J. A. ULIO
Major General
The Adjutant General

G. C. MARSHALL
Chief of Staff

CHANGES No. 2

WAR DEPARTMENT
WASHINGTON 25, D.C., 31 MARCH 1945

SIGNAL SERVICE ORGANIZATION

T/O & E 11-500, 22 September 1944, is changed as follows:
Columns indicated below are changed as follows:

PART I - ADMINISTRATIVE

SECTION I ORGANIZATION

Line	Column 1	Column 2	Column 4	Column 5	Column 16
	Type		AA	AB	
18	Composite unit commander	[e]2902	(1)	(1)	[e]When unit has a predominant function, specification serial numbers will be appropriate to that function.
32	Platoon	[e]651	(1)	(1)	
					Delete the following: Team AA.- For the control of 2 or more teams when an integral part of the company, except that platoon strength shall not be less than 40 individuals (not required when teams include commissioned personnel). Team AB.- The equivalent of 2 or more teams, except that the platoon strength shall not be less than 40 individuals.
					Add the following: Team AA.- Normally required for control of 2 or more teams of a strength of not less than 40 individuals, which operate as a component of a larger administrative organization and to which no officer is organically assigned. Team AB.- Normally required for control of 2 or more teams of a strength of not less than 40 individuals, which operate separately, and to which no officer is organically assigned.

NOTE: Changes in the equipment section to this table are indicated by overtyping virgules (///) to delete previous listings and figures. New text material appears in all capitals. New figures are underlined.

AGO 144B-Apr--637402-45

SIGNAL SERVICE ORGANIZATION

SECTION I ORGANIZATION

PART III--CRYSTAL GRINDING, RADAR, AND RADIO

Line	Column	5	8	9	10	11
	Type	EB	EF	EG	EH	
	Radio repairman		(cg2)	(2)		h To be issued only when radio set SCR-499-( ) is authorized.
	Radio repairman		(fcg3)	(f2)		i To be issued only when radio set SCR-188-( ) or SCR-193-( ) are authorized.
	Radio repairman	(1)	(cg5)	(3)		j To be issued only when radio set SCR-399-( ) is authorized.
	0 Trailer, ¼-ton	h2			1	
	0 Trailer, 1-ton	i1	2	1		
	0 Truck, ¼-ton	h2	2		2	
	0 Truck, 3/4-ton	i1				
	0 Truck, 3/4-ton, w/winch		2			
	Delete entire line					
	0 Truck, 2½-ton, cargo	j1	2	1		

SIGNAL SERVICE ORGANIZATION

SECTION II EQUIPMENT

CHEMICAL

1	2							3
Item	Allowances							Basis of distribution and remarks
Type	EA	EB	EC	ED	EF	EG	EH	
Apparatus, decontaminating:								
1½-qt capacity, M2		1 or 2			~~4~~ 6	2	2	1 per fuel consuming mtr vehicle outside continental US when ~~AUTH~~ AUTH by ~~T of~~ ~~THEATER~~ THEATER OF OPR comdr.
Respirator, dust, M2		2 or 4			~~8~~ 12	4	4	2 per wheeled fuel consuming mtr vehicle (respirator, dust, M1 will be issued until exhausted).
ENGINEER								
Net, camouflage, cotton ~~AUTH~~ TWINE, FABRIC GARNISHED:								OUTSIDE CONTINENTAL US WHEN AUTH BY THEATER OF OPR COMDR.
22 x 22-Ft		4 or					~~2~~ 3	1 per TLR, ¼-TON; trk, ¼-ton.
29 x 29-Ft		2			4	1		1 per tlr, 1-ton; TRK, 3/4-TON.
36 x 44-Ft		1			2	2		1 per trk, 1½-ton or larger.
MEDICAL								
Kit, first aid:								
Gas casualty, COMPLETE					2			1 per 25 indiv or maj fraction thereof asgd to ~~T of~~ ~~THEATER~~ THEATER OF OPR except team EF which is ~~AUTH~~ AUTH 2.
Motor vehicle, 12-unit, COMPLETE.		1			2	1	1	1 per 4 fuel consuming mtr vehicle or fraction thereof ~~AUTH~~ ~~1 per 2~~
ORDNANCE Vehicles								
Trailer:								
¼-TON, 2-WHEEL, CARGO		g2					1	g 2 TO BE ISSUED FOR EB TEAM ONLY WHEN RAD SET SCR-499 IS ISSUED (G-529).
1-ton, 2-wheel, cargo		h1			2	1		h TO BE ISSUED FOR EB TEAM ONLY WHEN RAD SET SCR-188-( ) OR SCR-193-( ) IS ISSUED (G-518).
Truck:								
¼-ton, 4x4		i2			2		2	i TO BE ISSUED FOR EB TEAM ONLY WHEN RAD SET SCR-499-( ) IS AUTH (G-503).
3/4-TON, 4X4:								
WEAPONS CARRIER		j1						j TO BE ISSUED FOR EB TEAM ONLY WHEN RAD SET SCR-188-( ) OR SCR-193-( ) IS AUTH (G-502).
WEAPONS CARRIER, W/WINCH					k2			k NOT AUTH FOR EF TEAMS WHEN TRK K-60 IS AUTH.
~~1½-ton, 6x6, cargo~~					~~2~~			
2½-ton, 6x6, cargo		1			2	1		l TO BE ISSUED FOR EB TEAM ONLY WHEN RAD SET SCR-399-( ) IS AUTH (G-508).
Motor transport equipment								
Axe, handled, chopping, single bit, standard grade, 4 lb.		1 or 2			~~4~~ 6	2	2	1 per fuel consuming mtr vehicle (ORD 5, J-6).
Chain, motor vehicle, tow, 16' long x 7/16" dia.		1			2	2		1 per fuel consuming mtr vehicle, 1½-ton to 2½-ton incl, outside continental US (M-3).
		or 1			or 1	or 1		1 per 3 fuel consuming mtr vehicles, 1½-ton to 2½-ton incl in continental US.
Defroster and Deicer, electric windshield.		1 or 2			~~4~~ 6	2	2	1 per trk when ~~AUTH~~ AUTH by army comdr or outside continental US when ~~AUTH~~ AUTH by ~~T of~~ ~~THEATER~~ THEATER OF OPR comdr.

SIGNAL SERVICE ORGANIZATION

1	2							3
Item	Allowances							Basis of distribution and remarks
Type	EA	EB	EC	ED	EE	EG	EH	
Mattock, handled, pick, type II, class F, 5 lb.	....	0 or 1	....	....	~~2~~ 4	....	....	1 per fuel consuming mtr vehicle except ¼-ton, 4x4 trk. (ORD 5, J-6).
Rope, tow, 20' long, 1" diam.	....	0,1 or 2	....	....	~~1~~ 4	....	....	1 per fuel consuming mtr vehicle under 1½-ton capacity. (H-9).
Shovel, general purpose, D-handled, strapback, round point, No. 2.	....	1 or 2	....	....	~~1~~ 6	2	2	1 per fuel consuming mtr vehicle. (ORD 5, J-6).
QUARTERMASTER Organizational equipment								
Bucket, Canvas, Water, 18-qt.	....	1 or 2	....	....	~~1~~ 6	2	2	1 per fuel consuming mtr vehicle except combat vehicle.
Burner, Oil, Stove, Tent, M-1941.	....	1	....	....	~~0~~ 4	~~0~~ 1	....	1 per stove, tent, M-1941 when ~~AUTH~~ AUTH by WD.
CONTAINER, FOOD, INSULATED, M-1944.	....	1	....	....	....	1	....	CONTAINER, ROUND, INSULATED, M-1941, W/INSERTS WILL BE ISSUED IN LIEU THEREOF UNTIL EXHAUSTED.
Drum, ~~[illegible]~~ (Gasoline), ~~[illegible]~~ 5 gallon.	....	2	....	....	~~0~~ 22	5	2	1 per trk, ¼-ton, ~~[illegible]~~; power unit; 2 per trk, ~~[illegible]~~ 3/4-TON; 2½-ton, ~~[illegible]~~; 6 PER RAD TERMINAL SET AN/TRC-3-( ).
Goggles, M-1944	....	2 or 4	....	....	10 12	4	~~0~~ 4	2 per fuel consuming mtr vehicle. ~~[illegible]~~
Stove, Tent, M-1941, Complete/ ~~[illegible]~~.	....	1	....	....	~~0~~ 4	~~0~~ 1	....	1 per tent wall; 2 per tent sqd (when ~~AUTH~~ AUTH by CO).
Tent:								
Squad, M-1942, Complete (With-Pins-and-Poles).	....	....	....	....	~~1~~ 2	~~1~~	....	2 TENT, PYRAMIDAL MAY BE ISSUED IN LIEU OF 1 TENT SQD.
Tube, Flexible-Nozzle	....	1 or 2	....	....	~~1~~ 6	....	....	
SIGNAL								
~~[illegible]~~	....	....	....	....	....	~~1~~	....	
~~[illegible]~~	....	....	....	....	....	~~1~~	....	
CHEST CH-112	....	....	....	....	....	~~1~~	....	
CODE TRAINING SET AN/CGC-T1( )	....	1	....	1	....	....	1	
CONVERTER TS-350( )/U	....	....	....	....	....	1	....	
CRYSTAL KIT CK-1( )/GR	....	....	....	....	....	1	....	
DEPOT CRYSTAL EQUIPMENT AN/FSM-1.	1	....	....	....	....	....	....	NONSTANDARD.
Lineman's Equipment TE-21	....	....	1	....	4	....	4	
Multimeter I-239-( )	....	1	2	....	4	~~1~~ 7	1	1 per tool equip~~ment~~ TE-113.
RADIO SET SCR-188-( ) OR SCR-193-( ) OR SCR-399-( ) OR SCR-499-( ).	....	1	....	....	....	....	....	RAD SET TO BE AUTH BY THEATER OF OPR COMDR.
RADIO TERMINAL SET AN/TRC-3( ).	....	....	....	....	12	....	....	
RINGER SET TC-24-( )	....	....	....	....	12	....	....	
TELEGRAPH TERMINAL SET TC-22-( ).	....	....	....	....	2	....	....	
TELEPHONE TERMINAL SET TC-21-( ).	....	....	....	....	2	....	....	
TEST SET TS-303( )/G	....	....	....	....	....	1	....	
Tool Equipment TE-113 or TE-45 and TE-48.	....	1	2	....	4	~~1~~ 7	1	
TRUCK K-60	....	....	....	....	m	....	....	(m) ISSUED IN LIEU OF TRK 3/4-TON OUTSIDE CONTINENTAL US WHEN AUTH BY THEATER OF OPR COMDR.

SIGNAL SERVICE ORGANIZATION

PART IV - RADIO FIXED STATION

SECTION I ORGANIZATION

	1	2	3	4	5	10	11	14½	15
	Unit	Specification serial No.	Technician Grade	Radio telegraph fixed station 2-position	Radio telegraph fixed station 3-position	Radio link repeater-terminal team.	Single-channel radio teletype team.	Radio relay detachment	Remarks
	Type			EE	EJ	EO	EP	ET	
8	Lieutenant C			1	2		2	2 (P2)	P To have additional training as specified by CSigO.
10 1/2	Radar	0140							O Also trained in operation and 1st and 2d echelon maintenance of carrier equipment TC-21, TC-22, and TC-24.
11	Total commissioned			1	2		2	2	
16	Technical sergeant			1	1	1	1	1	P When operating as a terminal team.
21 1/2	Radar repairman AN/TRC-6	775						(1)	Q When operating as a relay team.
30	Technician grade 3		1	3	3		3	3	ET radio relay team-
31	Technician grade 4		3	5	5	1	6	4	Designed to provide personnel and equipment for installation, operation and maintenance of radio set AN/TRC-5 or AN/TRC-6, either as a terminal or as a relay station. When operating as a relay station the team is provided 2 radio sets. If the sets at a relay station are separated to an extent necessitating wire construction 2 teams with 1 radio set each are required.
32	Technician grade 5		5	(1)	8 (2)	2	8 (x2)	1 (x1)	
41	Poseman J	166	4	(2)	(x2)		(x2)	(x1)	
45 1/2	Radar repairman AN/TRC-6	166	5					(o3)	
45 3/4	Radar repairman AN/TRC-6	775	3					(x3)	
		775	4						
75	Total enlisted			11	20	6	19	9	
76	Aggregate			12	22	6	21	11	
77	O Carbine, cal. .30			10	20	6	19	11	
78	O Gun, machine, Browning, heavy barrel, cal. .50			1	1	1	1	1	
80 1/2	O Trailer, ¼-ton			1	1				
80 3/4	O Trailer, 1-ton					2	2	1	
81	O Truck, ¼-ton			2	2	2			
82	O Truck, 3/4-ton, weapons carrier							2 or 4	
83	O Truck, 2½-ton, cargo w/winch								

SECTION II EQUIPMENT

CHEMICAL

1	2												3
Item	Allowances												Basis of distribution and remarks
	EI	EJ	EK	EL	EM	EN	EO	EP	EQ	ER	ES	ET	
Apparatus, decontaminating:													
1½-qt capacity, M2	2	2	....	2	2	....	2	2	....	....	....	[a]3	1 per fuel consuming mtr vehicle outside continental US when ~~AUTH~~ AUTH by ~~7 ##~~ ~~THEATER~~ THEATER OF OPR comdr. [a]PER ET TERMINAL TEAM.
												OR 5	PER ET RELAY TEAM (1 PER FUEL CONSUMING MTR VEHICLE OUTSIDE CONTINENTAL US WHEN AUTH BY THEATER OF OPR COMDR).
Mask, gas, service, combat, M5-11-7	12	22	15	40	39	21	6	21	8	1	4	11	1 per indiv (mask, gas, sv, M3-10A1-6 or M3A1-10A1-6 or mask, gas, sv, will be issued in lieu of mask, gas, sv, combat, M5-11-7 as dir~~##~~ by WD).
Respirator, dust, M2	4	4	....	4	4	....	4	4	....	....	....	[a]6	2 per wheeled fuel consuming mtr vehicle (respirator dust, M1 will be issued until exhausted). [a]PER ET TERMINAL TEAM.
												OR 10	PER ET RELAY TEAM (2 PER WHEELED FUEL CONSUMING MTR VEHICLE. RESPIRATOR, DUST, M1 WILL BE ISSUED IN LIEU OF RESPIRATOR, DUST, M2 UNTIL EXHAUSTED).
ENGINEER													
Compass:													
Lensatic, luminous dial type, w/case	1	1	1	1	1	1	1	....	....	....	....	2	
Surveying, w/leather case and tripod	1	1	1	....	....	....	1	1	....	....	....	1	
WRIST, LIQUID FILLED	....	....	....	....	....	....	....	....	....	....	....	1	
Extinguisher, fire, carbon:													
DIOXIDE, PERMANENT SHUT-OFF, 15-LB	....	....	....	....	....	....	2	....	....	....	....	[a]2	[a]PER ET TERMINAL TEAM.
												OR 4	PER ET RELAY TEAM.
Tetrachloride, 1-gallon	2	3	....	3	3	....	~~1~~ 2	....	....	....	....	[a]1	[a]PER ET TERMINAL TEAM.
												OR 2	PER ET RELAY TEAM.
GLASS, MAGNIFYING, SELF-ILLUMINATED, 2-IN. DIA., 5 POWER	....	....	....	....	....	....	....	1	....	....	....	1	
Net, camouflage, cotton, ~~##/##/~~ TWINE, FABRIC GARNISHED:	....	....	....	....	....	....	....	....	....	....	....	....	OUTSIDE CONTINENTAL US WHEN AUTH BY THEATER OF OPR COMDR.
22 x 22 Ft	~~2~~ 3	~~2~~ 3	....	2	2	....	....	2	....	....	....	2	1 per trk, ¼-ton; TLR, ½-TON.

	EI	EJ	EK	EL	EM	EN	EO	EP	EQ	ER	ES	ET	
Net, camouflage, cotton, ~~##/##/~~ TWINE, FABRIC GARNISHED:--Continued.													
29 X 29 FT	....	....	....	....	....	....	4	....	....	....	....	2	1 PER TLR, 1-TON FOR TERMINAL TEAM.
							OR 4					OR 4	1 PER TLR, 1-TON FOR RELAY TEAM; TRK, 3/4-TON.
36 X 44 FT	....	....	....	....	....	....	....	....	....	....	....	2	1 PER TRK, 2½-TON FOR TERMINAL TEAM.
												OR 4	1 PER TRK, 2½-TON FOR RELAY TEAM.
Pole, ranging, metal, tubular, 6-ft. long, 6-in. red and white graduations, 2 sections, w/canvas case.	1	1	1	1	1	....	~~1~~ 2	....	....	....	....	2	
PROTRACTOR, SEMICIRCULAR, PLASTIC, 6-IN. DIA., ½-DEG. GRADUATIONS.	....	....	....	....	....	....	1	....	....	....	....	1	
TAPE, MEASURING, WOVEN METALLIC, US, 50', GRADUATED IN FEET, 10THS & HALF-TENTHS, W/O CASE.	....	....	....	....	....	....	1	....	....	....	....	1	
TEMPLET, MAP, PLASTIC, TRANSPARENT, M-2	....	....	....	....	....	....	1	....	....	....	....	2	
TRIANGLE, PLASTIC, TRANSPARENT:													
30 TO 60-DEGREE, 10-IN	....	....	....	....	....	....	1	....	....	....	....	1	
45-DEGREE, 8-IN	....	....	....	....	....	....	1	....	....	....	....	1	
MEDICAL													
Kit, first aid, motor vehicle, -12-unit, COMPLETE	1	1	....	1	1	....	1	1	....	....	....	[a]1	1 per 4 fuel consuming mtr vehicles or fraction thereof. [a]PER ET TERMINAL TEAM.
							OR 1	....	....	....	....	OR 2	PER ET RELAY TEAM (1 PER FUEL CONSUMING MTR VEHICLE OUTSIDE CONTINENTAL US WHEN AUTH BY THEATER OF OPR COMDR).
ORDNANCE Weapons and miscellaneous													
BINOCULAR, M13	....	....	....	....	....	....	....	....	....	....	....	2	1 PER OFF IN COLM ET (ORD 7 SNL F-210).
Carbine, cal. .30, M2	10	20	15	37	36	20	6	19	8	1	4	11	1 per indiv not otherwise armed, (SNL B-28, ORD 7).
CLOCK, MESSAGE CENTER, M2	....	....	....	....	....	....	1	....	....	....	....	1	CLOCK MSG CEN M-1 WILL BE ISSUED UNTIL EXHAUSTED.
Gun:													
Machine, Browning, heavy barrel, cal. .50, M2, flexible.	1	1	....	1	1	....	1	1	....	....	....	1	ORD 7, SNL A-39.
Mount, AA, machine gun, cal. .50, M3	1	1	....	1	1	....	1	1	....	....	....	1	1 per MG, cal. .50, ORD 7, SNL A-39.
Watch, wrist, 7 or 15 or more jewel	2	4	6	5	7	4	1	2	1	1	....	2	Outside continental US when ~~AUTH~~ AUTH by ~~7 ##~~ ~~THEATER~~ THEATER OF OPR comdr, SNL F-36.
Vehicles													
TRAILER:													
¼-TON, 2-WHEEL, CARGO	1	1	....	....	....	....	....	....	....	....	....	1	SNL G-529.
1-TON, 2-WHEEL, CARGO	....	....	....	....	....	....	2	....	....	....	....	....	

1	2												3
	Allowances												
Item	EI	EJ	EK	EL	EM	EN	EO	EP	EQ	ER	ES	ET	Basis of distribution and remarks
Trucks:													
1-ton, 4x4	2	2	....	2	2	....	....	2	....	....	....	1	SNL G-503.
3/4-ton, 4x4, weapons carrier, w/winch	....	....	....	....	....	....	2	....	....	....	....	....	ORD 7 SNL G-502.
2½-ton, 6x6 cargo, w/winch	....	....	....	....	....	....	....	....	....	....	....	a2 OR 4	aPER ET TERMINAL TEAM (SNL G-508).
Axe, handled, chopping, single bit, standard grade,	2	2	....	2	2	....	2	2	....	....	....	a3 OR 5	PER RELAY TERMINAL. 1 per fuel consuming mtr vehicle. aPER TERMINAL TEAM (SNL J-6).
CHAIN, MOTOR VEHICLE, TOW, 16' LONG X 7/16" DIA.	....	....	....	....	....	....	....	....	....	....	....	2 OR 4	PER RELAY TEAM (1 PER FUEL CONSUMING MTR VEHICLE). PER TERMINAL TEAM (SNL M-3).
Defroster and Deicer, electric windshield	2	2	....	2	2	....	2	2	....	....	....	a3 OR 5	PER RELAY TEAM. 1 per trk ~~[illegible]~~ when ~~[illegible]~~ AUTH by army comdr or outside continental US when ~~[illegible]~~ AUTH by ~~T of [illegible]~~ THEATER OF OPR comdr. aPER TERMINAL TEAM. PER RELAY TEAM (1 PER TRK WHEN AUTH BY ARMY COMDR OR OUTSIDE CONTINENTAL US WHEN AUTH BY THEATER OF OPR COMDR.
MATTOCK, HANDLED, PICK, TYPE II, CLASS F, 5 LB.	....	....	....	....	....	....	2	....	....	....	....	2 OR 4	PER TERMINAL TEAM (SNL J-6).
Rope, tow, 20' long, 1" diam.	2	2	....	2	2	....	2	2	....	....	....	a1 OR 1	PER RELAY TEAM. 1 per fuel consuming mtr vehicle, under 1½-ton. aPER TERMINAL TEAM (SNL H-9). PER RELAY TEAM (1 PER WHEELED FUEL CONSUMING MTR VEHICLE UNDER 1½-TON CAPACITY).
Shovel, general purpose, D-handled, strapback, round point, No. 2.	2	2	....	2	2	....	2	2	....	....	....	a3 OR 2	1 per trk, ~~[illegible]~~ aPER ET TERMINAL TEAM (SNL J-6). PER ET RELAY TEAM (1 PER WHEELED FUEL CONSUMING MTR VEHICLE).
TOOL SET, (COMPLETE WITH TOOLS):													
CARBURETOR MECHANICS'	1	2	1	....	4	4	1	2	....	....	....	1	1 PER 2 SSN 166; 4 EM TRAINED ON MAINT OF POWER UNITS (SNL G-27).
GENERAL MECHANICS'	1	4	2	....	8	8	2	4	....	....	....	2	1 PER SSN 166; PER 2 EM TRAINED ON MAINT OF POWER UNITS (SNL G-27).
QUARTERMASTER													
Organizational clothing													
Mittens, Asbestos, M-1942	2	2	....	2	2	....	2	2	....	....	....	2	2 per MG cal. .50.

Individual equipment

1	2												3
	EI	EJ	EK	EL	EM	EN	EO	EP	EQ	ER	ES	ET	
Bag, Canvas, Field, OD, M-1936	12	22	15	40	39	21	6	21	8	1	4	11	1 per indiv.
Belt, Pistol or Revolver, M-1936	12	22	15	40	39	21	6	21	8	1	4	11	1 per indiv armed w/carbine or pistol; indiv not otherwise furnished belt.
Cover:													
Canteen, Dismounted, M-1910	12	22	15	40	39	21	6	21	8	1	4	11	1 per indiv.
Canvas, Muzzle, Rifle or Carbine	10	20	15	37	36	20	6	19	8	1	4	11	1 per carbine, CAL. .30 (TO BE ISSUED UNTIL EXHAUSTED) ~~[illegible]~~
Pocket: ~~MAGAZINE~~ ~~for carbine~~ CARTRIDGE, cal. .30, M-1, CARBINE OR RIFLE.	20	40	30	74	72	40	12	33	16	2	8	22	2 per indiv armed w/carbine, cal. .30 (POCKET, MAGAZINE FOR CARBINE, CAL. .30 M1 WILL BE ISSUED IN LIEU THEREOF UNTIL EXHAUSTED).
MAGAZINE, Double-web, EM, ~~M-1923~~	....	....	....	1	1	1	....	....	....	....	....	....	1 per indiv armed w/pistol.
Strap, Carrying General Purpose	12	22	15	40	39	21	6	21	8	1	4	11	1 per ~~[illegible]~~ BAG, CANVAS, FLD, OD, M1936 (strap, carrying, bag, canvas, fld, od, M1936 WILL be issued IN LIEU THEREOF until exhausted).
Suspenders, Belt, M-1936	12	22	15	40	39	21	6	21	8	1	4	11	1 per indiv.

Organizational equipment

1	2												3
	EI	EJ	EK	EL	EM	EN	EO	EP	EQ	ER	ES	ET	
Axe, Intrenching, M-1910, With Handle	1	2	1	4	3	2	1	2	1	....	1	1	1 per 10 EM outside continental US when ~~[illegible]~~ AUTH by ~~T of [illegible]~~ THEATER OF OPR comdr.
BAG, DELOUSING	1	1	1	2	2	1	....	1	....	....	....	1	1 PER 20 INDIV OR MAJ FRACTION THEREOF IN AREAS WHERE LOUSE-BORNE TYPHUS IS HIGH, WHEN AUTH BY WD
	....	1	....	OR 1	OR 1	OR 1	....	OR 1	....	....	....	....	1 PER 35 INDIV OR MAJ FRACTION THEREOF IN AREAS WHERE LOUSE-BORNE TYPHUS IS LOW, WHEN AUTH BY WD.
Bucket, Canvas, Water, 18-Qt.	2	2	....	2	2	....	2	2	....	....	....	a3 OR 5	1 per fuel consuming mtr vehicle aPER ET TERMINAL TEAM.
Burner, Oil, Stove, Tent, M-1941	....	....	....	....	....	....	2	....	....	....	....	5 OR 7	PER ET RELAY TEAM(1 PER FUEL CONSUMING MTR VEHICLE) 1 per stove, tent, M-1941 when ~~[illegible]~~ AUTH by WD.
Can, Water, 5-Gallon	2	4	3	8	8	4	1	4	2	....	1	2	1 per 5 indiv or maj fraction thereof.
Carrier:													
Axe, Intrenching, M-1910	1	2	1	4	3	2	1	2	1	....	1	1	1 per axe, intrenching, M1910 ~~[illegible]~~.
Pick-Mattock, Intrenching, M-1910	2	4	3	7	7	4	1	4	1	....	1	2	1 per pick-mattock, intrenching, M1910 ~~[illegible]~~.
Shovel, Intrenching, M-1943	8	14	10	23	23	12	4	13	3	1	2	6	1 per shovel, intrenching, M1943 (carr, shovel, intrenching, M1910 to be issued when shovel, intrenching, M1910 is issued).
Case, Canvas, Dispatch	1	2	1	6	6	3	....	2	3	....	....	2	1 per off.
CHEST, RECORD, FIBER	....	....	....	....	....	....	1	....	....	....	....	1	

Item	Allowances EI	EJ	EK	EL	EM	EN	EO	EP	EQ	ER	ES	ET	Basis of distribution and remarks
CONTAINER, FOOD, INSULATED, M-1944							1					1	CONTAINER, ROUND, INSULATED, M1941 W/INSERTS WILL BE ISSUED IN LIEU THEREOF UNTIL EXHAUSTED.
Drum, ~~Intermediate Liquid (Gasoline) Steel With Carrying Handle, Capacity, 5 gallon~~	2	2		2	2		12	2				[a]16 OR 22	1 per trk, 1/4-ton, ~~4x4~~; BURNER, OILSTOVE, TENT, M1941; 2 PER 3/4-TON TRK OR LARGER; 6 PER RAD SET AN/TRC-3, 4, 5, OR 6. [a]PER ET TERMINAL TEAM. PER ET RELAY TEAM 1 PER TRK, 1/4-TON; BURNER, OIL-STOVE, TENT, M1941; 2 PER 3/4-TON TRK OR LARGER; 6 PER RAD SET AN/TRC-3, 4, 5, OR 6.
FILE, PAPER, CLIP, WOOD-BACK							1					1	
Goggles, M-1944	~~4~~	~~4~~		~~4~~	~~4~~		~~1~~ 5	~~4~~				[a]7 OR 11	2 per fuel consuming mtr vehicle; ~~1 per 4x4 veh~~. [a]PER ET TERMINAL TEAM. PER ET RELAY TEAM 2 PER FUEL CONSUMING MTR VEHICLE.
Lantern, Gasoline, Leaded Fuel	1	1		3	3		1	3	1			1	
Machete, 18-Inch-Blade, M 1942							~~1~~ 2					2	
Outfit, Cooking:													
1-BURNER ~~Trailer~~							2						
SMALL DETACHMENT												1	OUTFIT, COOKING, 20-MAN WILL BE ISSUED IN LIEU THEREOF UNTIL EXHAUSTED.
Paulin, Canvas, Small							1					1	
Pick-Mattock, Intrenching, M-1910, With-Handle	2	4	3	7	7	4	1	4	1		1	2	2 per 10 EM outside continental US when ~~auth~~ AUTH by ~~1 of the~~ THEATER OF OPR comdr.
Saw, Crosscut: Hand, Length (Cutting Edge) 24-In~~ch~~, POINTS, PER INCH, 8~~points~~.							1					1	
SCREEN, LATRINE, COMPLETE (WITH-PINS-AND-POLES)							1					1	
Sheath, Machete, 18-In. Blade, M-1942, PLASTIC							~~1~~ 2					2	1 per machete, 18-inch blade, M1942 (SHEATH, MACHETE, 18-INCH BLADE, M1942 WILL BE ISSUED IN LIEU THEREOF UNTIL EXHAUSTED).
Shovel, Intrenching, M-1943	8	14	10	23	23	12	4	13	3	1	2	6	7 per 10 EM outside continental US when ~~auth~~ AUTH by ~~1 of the~~ THEATER OF OPR comdr (shovel, intrenching, M1910 will be issued IN LIEU THEREOF until exhausted).
Sledge, Blacksmith's, Double-face, weight, 6-Lb							1					1	
Stone, Sharpening, Pocket							~~1~~ 2					2	1 PER MACHETE.
Stove, Tent, M-1941, Complete							2					5 OR 7	2 per tent sqd; 1 PER TENT WALL, SMALL when ~~auth~~ auth by CO.
Table, Camp, Folding				2	2		1	2	1			1	

	EI	EJ	EK	EL	EM	EN	EO	EP	EQ	ER	ES	ET	
Tent:													
Squad, M-1942, Complete (With-Pins-and-Poles)							1					[a]2 OR 3	[a]PER ET TERMINAL TEAM. PER ET RELAY TEAM (2 TENTS PYRAMIDAL MAY BE SUBSTITUTED IN TEAM EO). (1 TENT STORAGE AND 2 OR 4 TENTS PYRAMIDAL MAY BE SUBSTITUTED FOR TEAM ET).
WALL, SMALL, COMPLETE (WITH-FLY-PINS-AND-POLES)												1	
Tube, Flexible-Nozzle	2	2		2	2		2	2				[a]2 OR 5	[a]PER ET TERMINAL TEAM. PER ET RELAY TEAM (1 PER FUEL CONSUMING MTR VEHICLE).
TOOL-SET, (COMPLETE, WITH TOOLS):													
CARPENTERS', NO. 2	1	1	1	2	2		1	1				1	
ELECTRICIANS', NO. 1	1	1	2	1	1			1					
Whistle, Thunderer	3	6	7	5	7	3	1	2	2			1	
WRENCH, ADJUSTABLE, CRESCENT-TYPE, JAW OPENING (MINIMUM):													
3/4-IN. LENGTH (OVERALL), 6-IN.							1					1	
15/16-IN. LENGTH (OVERALL), 8-IN.							1					1	
1 1/8-IN. LENGTH (OVERALL), 10-IN.							1					1	
SIGNAL													
CODE TRAINING SET AN/GSC-T1( )	1/5	1/8		1/13	1/15	1/7		1/6					
Flashlight TL-122-( )			7				~~1~~ 3		4	1		6	
GLOVES:													
LC-10							1					2	
LC-29							1					2	
HANDSET TS-10-( )							2					2	
Lantern ML-290/GY	1	1		1	1		2	1	1			3	LANTERN, ELECTRIC, PORTABLE, HAND WILL BE ISSUED IN LIEU THEREOF UNTIL EXHAUSTED.
Multimeter I-239-( )	1	2	2	4	4		3	1				7	1 per tool equip TE-113.
PANEL SET:													
AP-30-C							1					1	
AP-30-D							1					1	
AP-50-( )							1					1	
RADIO RELAY SET AN/TRC-4( )							1					1	1 PER RELAY TEAM EO.
RADIO SET AN/TRC-5( )												[a]1 OR 2	[a]PER TERMINAL TEAM (NONSTANDARD). PER RELAY TEAM.
OR													
RADIO SET AN/TRC-6( )												[a]1 OR 2	[a]PER TERMINAL TEAM (NONSTANDARD). PER RELAY TEAM (EITHER AN/TRC-5-( ) OR AN/TRC-6-( ) WILL BE ISSUED, AS DETERMINED BY THEATER OF OPR COMDR).

SIGNAL SERVICE ORGANIZATION

1	2															3
Item	Allowances															Basis of distribution and remarks
	EI	EJ	EK	EL	EM	EN	EO	EP	EQ	ER	ES	ET				
RADIO TERMINAL SET AN/MRC-3( )																1 PER TERMINAL TEAM (DIVISION RAD RELAY SET AN/MRC-4-( ) OR RAD TERMINAL SET AN/MRC-3-( ) WHEN AS ISSUED TO TEAM BY AN EO AS DETERMINED BY TEAMER OF OPR COMDR).
REEL UNIT RL-31							1					1				
SOLDERING EQUIPMENT TE-20							1					1				
TELEPHONE TE-3							1					1				
TEST EQUIPMENT TE-9-( )							2					2				
Tool Equipment:							1					1				
TE-113 or TE-45 and TE-48	1	2	2	4	4		3	1				7				a PER TERMINAL TEAM.
TE-33	4	6	4	8	8		2	3				2				
WIRE W-110-B CW REEL DR-4							1 OR 3					1 OR 4				PER RELAY TEAM.

SIGNAL SERVICE ORGANIZATION

PART VIII - RADIO INSTALLATION

SECTION I ORGANIZATION

	1	4	5	7	8	12
	Unit	Signal equipment installation	Signal equipment maintenance	Signal weather equipment team	Right of way construction team	Remarks
	Type	HA	HB	HD	HE	
27	Lineman, telephone and telegraph	([d]1)				[d]Also drives truck.
32	Radio repairman, fixed station	([d]1)				HA. Signal equipment Installation Team. This team provides properly equipped personnel to install complete fixed radio station facility as required by any component of the army.
33	Radio repairman, fixed station	([d]1)				
35	Rigger	(1)	([d]1)			
39	Weather equipment technician			([d]1)		
44 1/5	O Trailer, 1-ton	1				
44 2/5	O Truck, ¼-ton	1	1	1		HB. Signal equipment maintenance team. This team is to perform major maintenance and repair on all fixed radio communication equipment including certain 5th echelon work. This team will analyze faults in operation or functioning, repair if possible or initiate action for replacement, if necessary.
44 3/5	O Truck, 2½-ton, cargo w/winch	1				
46	S Trailer V-13/GT	1				
47	S Truck K-43-( )	1				

HD. Signal weather equipment team. This team will install and provide major maintenance for all classes of weather stations and associated weather equipment.

SIGNAL SERVICE ORGANIZATION

SECTION II EQUIPMENT

CHEMICAL

1	2				3
	Allowances				
Item	Signal equipment installation team	Signal equipment maintenance	Signal weather equipment team	Right of way construction team	Basis of distribution and remarks
Type	HA	HB	HD	HE	
Apparatus, decontaminating: 1½-qt capacity, M2	2	1	1	2	1 per fuel consuming mtr vehicle outside continental US when ~~AUTH~~ AUTH by ~~T OF OPR~~ THEATER OF OPR COMDR.
Respirator, dust, M2	4	2	2	2	Respirator, dust, M1 will be issued until exhausted.

ENGINEER

Compass: Surveying, w/leather case and tripod.	1	...	...	...	
Drafting equipment, Set No. 2, company.	1	...	...	...	OUTSIDE CONTINENTAL US WHEN AUTH BY THEATER OF OPR COMDR.
Net, camouflage, cotton, ~~[illegible]~~ TWINE, FABRIC GARNISHED:					
22 x 22-FT.	1	1	1	...	1 PER TRK, ¼-TON.
29 x 92-FT.	2	...	...	...	1 PER TLR, 1-TON.
36 x 44-Ft.	2	...	...	5	2 per 6-ton prime mover; semi trailer. 1 per trac.; TRK, 1½-TON OR LARGER.
POLE, RANGING, METAL, TUBULAR, 6-FT. LONG, 6-IN. RED AND WHITE GRADUATIONS 2-SECTION, W/CANVAS CASE.	2	...	...	...	

MEDICAL

Kit, first aid, motor vehicle, 12-unit, COMPLETE.	1	1	1	1	1 per 4 fuel consuming mtr vehicles or fraction thereof (except mtrcl and vehicle issued the 24 unit kit).

ORDNANCE
Vehicles

TRAILER, 1-TON, 2-WHEEL, CARGO	1	...	...	...	
Truck:					
¼-TON, 4x4	1	1	1	...	
2½-TON, 6x6, CARGO W/WINCH	1	...	...	...	

Motor transport equipment

Axe, handled, chopping, single bit, standard grade, 4 lb.	2	1	1	2	1 per fuel consuming mtr vehicle except combat vehicle, passenger car and mtrcl.
Chain, motor vehicle, tow: 16' LONG X 7/16" DIA.	3	...	...	...	
	OR				
	1	...	...	...	
Defroster and Deicer, electric windshield.	2	1	1	1	1 per trk when ~~AUTH~~ AUTH by army or ~~T OF OPR~~ THEATER OF OPR comdr.
Mattock, handled, pick, type II, class F, 5 lb.	1	...	...	1	1 per fuel consuming mtr vehicle except combat vehicles, passenger cars, trk, ¼-ton 4x4, ~~MTRCL~~ MTRCL.

SIGNAL SERVICE ORGANIZATION

1	2				3
	Allowances				
Item	Signal equipment installation	Signal equipment maintenance	Signal weather equipment team	Right of way construction team	Basis of distribution and remarks
Type	HA	HB	HD	HE	
ROPE, TOW, 20' LONG, 1" DIAM.	1	1	1	...	
Shovel, general purpose, D-handled, strapback, round point, No. 2.	2	1	1	...	1 per fuel consuming mtr vehicle except combat vehicles passenger cars and ~~MTRCL~~ MTRCL.

QUARTERMASTER
Organizational equipment

Axe: Handled, Chopping, Single-Bit, Standard Grade, Weight 4-lb.	5	...	...	...	
Bucket: Canvas, Water, 18 qt.	2	1	1	2	1 per fuel consuming mtr vehicle except combat vehicle; trac.
GENERAL-PURPOSE, GALVANIZED, HEAVY-WEIGHT, WITHOUT-LIP, 14 QT. CAPACITY.	3	...	...	...	
BURNER, OIL, STOVE, TENT, M-1941	4	...	...	...	1 PER STOVE, TENT, M1941.
CONTAINER, FOOD, INSULATED, M-1944	1	...	...	...	CONTAINER, ROUND, INSULATED, M1944 W/ INSERTS WILL BE ISSUED IN LIEU THEREOF UNTIL EXHAUSTED.
Drum, ~~[illegible]~~ (Gasoline), ~~[illegible]~~ 5 Gallon.	9	1	1	4	1 PER TRK, ¼-TON; BURNER, OIL, STOVE; TENT, M1941; 2 per trk, 3/4-ton, 2½-TON, OR K-43 ~~[illegible]~~; 4 PER TRK, 6-TON.
Goggles, M-1944	8	4	2	2	~~[illegible]~~ 2 PER FUEL CONSUMING MTR VEHICLE; 1 PER LMN.
LOCK, PAD, BRASS, 2-INCH	6	2	2	...	
SAFE, FIELD, COMBINATION-LOCK	1	1	...	...	SAFE, FLD, KEYLOCK WILL BE ISSUED IN LIEU THEREOF UNTIL EXHAUSTED.
STOVE, TENT, M-1941, COMPLETE	4	...	...	...	2 PER TENT, SQD.
TENT, SQUAD, M-1942, COMPLETE (WITH-PINS-AND-POLES)	2	...	...	...	TENT, WALL, LARGE, COMPLETE (W/FLY-PINS-AND-POLES) MAY BE SUBSTITUTED FOR TENT, SQD, M1942 UNTIL EXHAUSTED).
Tube, Flexible-Nozzle	3	1	1	2	1 per fuel consuming mtr vehicle except combat vehicle.

SIGNAL

~~[illegible]~~ TEST UNIT I-176	...	...	1	...	
Tool Equipment:					
TE-87-( )	1	...	...	...	NONSTANDARD.
TRAILER V-13/GT	1	...	...	...	TRAILER K-36-( ) WILL BE ISSUED PENDING AVAILABILITY OF TLR V-13/GT.
TRUCK K-43-( )	1	...	...	...	OUTSIDE CONTINENTAL US WHEN AUTH BY THEATER OF OPR COMDR.

(AG 320.3 (13 Mar 45))

BY ORDER OF THE SECRETARY OF WAR:

G. C. MARSHALL
Chief of Staff

OFFICIAL:
J. A. ULIO
Major General
The Adjutant General

SIGNAL SERVICE ORGANIZATION

CHANGES No. 3

WAR DEPARTMENT
WASHINGTON 25, D. C., 23 JUNE 1945

T/O & E 11-500, 22 September 1944, Part V, is changed to include the following teams. Line and column numbers apply to this change only.

PART V--PHOTOGRAPHIC
SECTION I ORGANIZATION

Line	Column 1	2	3	4	5	6
1	Unit	Specification serial No	Technician grade	Signal photographic detachment (still picture)	Signal photographic detachment (still picture)	Remarks
	Type			FL	FM	
2	Sergeant				1	[1]To be trained in the use of camera equipment PH-104. Function: FL. Provides still photography in semi-stabilized locations for immediate use of intelligence and operations and/or public relations. May include technical, record, and identification pictures. FM. Performs similar function to that of team FL where a greater volume of photographic coverage is required.
3	Photographer	152			(1)	
4	Technician grade 5			1	1	
5	Private, first class			1	1	
6	Private				1	
7	Photographer	152	5	(1)	(1)	
8	Photographer	152			(1)	
9	Photographic darkroom man	945		([1]1)	(1)	
10	Total enlisted			2	4	
11	Aggregate			2	4	
12	0 Carbine, cal. .30			2	4	
13	0 Truck, ¼-ton			1	2	

SIGNAL SERVICE ORGANIZATION

SECTION II EQUIPMENT
CHEMICAL

1	2		3
Item	Allowances		Basis of distribution and remarks
Type	FL	FM	
Apparatus, decontaminating, $1\frac{1}{2}$ qt capacity, M2.	1	2	1 per fuel consuming mtr vehicle (outside continental US when auth by theater of opr comdr).
Mask, gas, service, combat, M5-11-7	2	4	1 per indiv (mask, gas, sv, lightweight M3-10A1-6 or M3A1-10A1-6, or mask, gas, sv, will be issued in lieu of mask, gas, sv, combat, M5-11-7 as dir by WD).
Respirator, dust, M2	2	4	2 per wheeled fuel consuming mtr vehicle (respirator, dust, M1 will be issued in lieu of respirator, dust, M2 until exhausted).
ENGINEER			
Compass Wrist, induction, damped	1	1	
Extinguisher, fire Carbon tetrachloride, 1-gal.	1	1	
Net, camouflage, cotton, twine, fabric garnished, 22 x 22-ft.	1	2	1 per trk, $\frac{1}{4}$-ton.
MEDICAL			
Kit, first aid, motor vehicle, 12-unit, complete.	1	1	1 per 4 fuel consuming mtr vehicles or fraction thereof.
ORDNANCE Weapons and miscellaneous			
Carbine, cal. .30, M2	2	4	1 per indiv not otherwise armed (SNL B-28).
Watch, wrist, 7 or more jewel	1	1	Outside continental US when auth by theater of opr comdr (SNL F-36).
Vehicles			
Truck, $\frac{1}{4}$-ton, 4 x 4	1	2	SNL G-503.
Motor transport equipment			
Axe, handled, chopping, single-bit, standard grade, 4-lb.	1	2	1 per fuel consuming mtr vehicle (SNL J-6).
Defroster and Deicer, electric, windshield.	1	2	1 per trk when auth by army or theater of opr comdr (SNL H-2).
Rope, tow, 20' long, 1" diam	1	2	1 per fuel consuming mtr vehicle under $1\frac{1}{2}$-ton capacity, except mtrcl (SNL H-9).
Shovel, general purpose, D-handled, strapback, round point, No. 2.	1	2	1 per fuel consuming mtr vehicle except combat vehicles, passenger cars and mtrcl (SNL J-6).
QUARTERMASTER Individual equipment			
Bag, Canvas, Field, OD, M-1936	2	4	1 per indiv.
Belt, Pistol or Revolver, M-1936	2	4	1 per indiv armed w/carbine or pistol; per indiv not otherwise issued cartridge belt.
Cover, Canteen, Dismounted, M-1910	2	4	1 per indiv.
Pocket, Cartridge, Cal. .30, M-1, Carbine-or-Rifle.	4	8	2 per indiv armed w/carbine, cal. .30.

SIGNAL SERVICE ORGANIZATION

1	2		3
Item	Allowances		Basis of distribution and remarks
Type	FL	FM	
Strap, Carrying, General purpose	2	4	1 per bag, canvas, fld, M1936 (strap, carrying, bag, canvas, fld, od, M1936 will be issued in lieu thereof until exhausted).
Suspenders, Belt, M-1936	2	4	1 per indiv.
Organizational equipment			
Bucket, Canvas, Water, M-Q	1	2	1 per fuel consuming mtr vehicle.
Can, Water, 5-Gallon	.....	1	1 per 5 indiv or maj fraction thereof.
Carrier:			
Pick-Mattock, Intrenching, M-1910	1	1	1 per pickmattock, intrenching, M1910.
Shovel, Intrenching, M-1943	1	3	1 per shovel, intrenching, M1943 (carr, shovel, intrenching, M1910 to be issued when shovel, intrenching, M1910 is issued).
Drum, Gasoline, 5 Gallon	1	2	1 per trk, $\frac{1}{4}$-ton.
Goggles M-1944	2	4	2 per fuel consuming mtr vehicle.
Pick-Mattock, Intrenching, M-1910, with Handle.	1	1	2 per 10 EM outside continental US when auth by theater of opr comdr.
Shears, Office, Bankers', 9-In	1	1	
Shovel, Intrenching, M-1943	1	3	7 per 10 EM outside continental US when auth by theater of opr comdr (shovel, intrenching, M1910 to be issued until exhausted).
Tube, Flexible-Nozzle	1	2	1 per fuel consuming mtr vehicle.
SIGNAL			
Apron MC-90	2	2	
Bag PH-105	2	3	
Box PH-143	1	2	
Brush PH-70-A	1	1	
Camera Equipment PH-104	2	3	
Chest BC-5	1	1	
Clip:			
PH-23	24	48	
PH-165	24	48	
Cup PH-60	1	1	
Darkroom PH-392	1	1	
Dook PH-190	1	1	
Dryer PH-288	1	2	
Exposure Meter PH-77-( )	2	3	
Flashlight TL-122-( )	2	4	
Funnel PH-175	1	1	
Gloves PH-46	1	2	
Hanger PH-71	12	24	
Holder:			
PH-81	12	18	
PH-169	1	1	
Identification Equipment PH-365	.....	1	
Lamp:			
PH-207-A	1	1	
PH-216-A	1	1	
Lantern MX-290/CV	1	1	Lantern, electric, portable, hand, will be issued in lieu thereof until exhausted.
Paddle PH-80	1	1	
Plate PH-152-A	12	20	
Printer PH-192	1	1	
Processing Equipment:			
PH-395	.....	1	
PH-406	1	2	
Roller PH-204	1	1	

SIGNAL SERVICE ORGANIZATION

1	2		3
Item	Allowances		Basis of distribution and remarks
Type	[illegible]	[illegible]	
Safelight:			
PH-363	1	1	
PH-364	1	1	
PH-365	1	1	
PH-387	1	1	
PH-388	1	1	
Scale:			
PH-14-A	1	1	
PH-115	.....	1	
Tank:			
PH-127	1	1	
PH-185	1	1	
Timer PH-109	1	1	
Tray:			
PH-164-A	3	.....	
PH-166-A	.....	3	
Trimmer PH-6	1	1	
Wringer PH-224-A	1	1	

(AG 320.3 (6 May 49))

BY ORDER OF THE SECRETARY OF WAR:

G. C. MARSHALL
Chief of Staff

OFFICIAL:
J. A. ULIO
Major General
The Adjutant General

SIGNAL SERVICE ORGANIZATION

CHANGES No. 4

WAR DEPARTMENT
WASHINGTON 25, D. C., 20 FEBRUARY 1946

T/O & E 11-500, 22 September 1944, is changed as follows:

Columns indicated below on pages 94 and 95 are changed to read as follows:

PART IX - SIGNAL INTELLIGENCE

SECTION I ORGANIZATION

Line	Column 1	Column 2
14	Intercept operator	738, 739, or 799
18	Intercept operator	738, 739, or 799
34	Intercept operator	738, 739, or 799
35	Intercept operator	738, 739, or 799
36	Intercept operator	738, 739, or 799

(AG 320.3(21 Jan 46))

BY ORDER OF THE SECRETARY OF WAR:

DWIGHT D. EISENHOWER
Chief of Staff

OFFICIAL:
EDWARD F. WITSELL
Major General
The Adjutant General

AGO 10000A/3141B--681720-46