3111. OCCUPATIONAL FIELD 04, LOGISTICS

1. **Introduction.** Logistics is the science of planning and carrying out the movement and maintenance of forces. It includes the design, development, acquisition, storage, movement, distribution, maintenance, evacuation, and disposition of material; the movement, evacuation, and hospitalization of personnel; the acquisition or construction, maintenance, operation, and disposition of facilities; and the acquisition or furnishing of services. Logistics functions are performed by a wide variety of MOSs in various occupational fields. Enlisted specialties within occupational field 04 provide advice, guidance, logistics/combat service support, embarkation, landing support, and air delivery.

2. **MOS 0411, Maintenance Management Specialist (MGySgt to Pvt) PMOS**

   a. **Summary.** The Maintenance Management Specialist provides advice, guidance, and assistance to the unit's equipment commodity/section managers and maintenance personnel to ensure a systematic approach to maintenance operations of ground equipment. The maintenance management specialist supervises maintenance management and maintenance personnel in monitoring and reporting of maintenance management policy, programs, procedures and maintenance automated information system (MAIS) requirements and analyzes, maintenance management functional elements/areas, maintenance production functions, and maintenance engineering actions in support of equipment total lifecycle systems management (TLCM) efforts. When serving in the capacity of the maintenance management officer, coordinates the commander's interest, resources, production, and information requirements in operational planning to ensure effective management of personnel, equipment, maintenance, and materiel to meet operational objectives.

   b. **Prerequisites**

      (1) Must be a U.S. Citizen.

      (2) Must possess a GT score of 100 or higher.

      (3) Security requirement: Secret security clearance eligibility.

   c. **Requirements**

      (1) For PMOS assignment, complete the Basic Maintenance Management Specialist Course (BMMSC), Logistics Operations School, Marine Corps Combat Service Support Schools, Camp Johnson, NC upon entry or lateral move at the rank of Sergeant or below. Marines who make a lateral move must complete the applicable Marine Corps Institute (MCI) 0410, MIMMS prior to reporting to formal schools.

      (2) As provided in paragraph 0005.2, Certification of the MOS as an additional MOS (AMOS) may be awarded by commanders after demonstrating the appropriate Training and Readiness Manual standards (see paragraph d. below), and completion of a minimum six months duty in a unit, and the applicable Marine Corps Institute (MCI) 0410 and 0414 distance learning correspondence courses.

   d. **Duties.** For a complete listing of duties and tasks, refer to reference (h), Logistics Training and Readiness Manual.
Related Standard Occupational Classification (SOC) Title and Code

(1) Industrial Production Managers 11-3051.
(2) Management Analyst 13-1111.
(3) Business Operations Specialist 13-1199.
(4) First-Line Supervisors/Managers of Mechanics, Installers, and Repairers 49-1011.
(5) First-Line Supervisors/Managers of Production and operating Workers 51-1010.
(6) Maintenance and Repair Workers, General 43-5011.
(7) Production, Planning, and Expediting Clerks 43-5061.

Related Military Skill. None.

3. MOS 0431, Logistics/Embarkation Specialist (SSgt to Pvt) PMOS

a. Summary. The Logistics/Embarkation Specialist prepares supplies and equipment for embarkation and performs various Force Deployment Planning and Execution (FDP&E) functions to support the movement of personnel, supplies, and equipment via all modes of transportation using commercial and military assets, at all levels including unit, MAGTF, and joint operations. They are trained in the application of Automated Information Systems (AIS) that are utilized throughout the Defense Transportation System (DTS) to account, track, and interface movement data with load planning programs and joint AIS to support the FDP&E process and In Transit Visibility (ITV). The logistics/embarkation specialist is trained to prepare aircraft and ship load plans that meet organizational requirements. They assist with the preparation, planning, and execution of strategic mobility plans in accordance with the Time Phased Force Deployment Data (TPFDD) used to deploy and sustain forward deployed forces. The logistics/embarkation specialist also performs multiple logistics administrative duties within the J/G/S-4 section. They compile and maintain logistics support data, compute combat logistics support requirements, and coordinate combat logistics functions in support of MAGTF operations and deployments. At the SNCO level, they will also serve as Combat Cargo Assistants (CCAs) onboard naval amphibious assault ships. MOS 0491, Logistics/Mobility Chief is assigned as the primary MOS upon promotion to Gunnery Sergeant.

b. Prerequisites
(1) Must be a U.S. Citizen.
(2) Security requirement: Secret security clearance eligibility.
(3) Must possess a GT score of 100 or higher.

c. Requirements
(1) Complete the Basic Logistics/Embarkation Specialist Course, Logistics Operations School, Marine Corps Combat Service Support Schools, Camp Johnson/Camp Lejeune, NC, upon entry or lateral move at the rank of Sergeant or below.
(2) Sergeants making a lateral move must also complete the Logistics/Embarkation NCO Course, Logistics Operations School, Marine Corps Combat Service Support Schools, Camp Johnson/Camp Lejeune, NC.

d. Duties. For a complete listing of duties and tasks, refer to reference (h), Logistics Training and Readiness Manual.

e. Related Standard Occupational Classification (SOC) Title and Code
   (1) Cargo and Freight Agent 43-5011.
   (2) Production, Planning and Expediting Clerks 43-5061


4. MOS 0451, Airborne and Air Delivery Specialist (MGySgt to Pvt) PMOS

   a. Summary. Airborne And Air Delivery Specialists are responsible for the maintenance of all life safety equipment relating to Airborne/Airdrop operations. In addition, they will assist in preparing the supplies and equipment necessary to deliver personnel and equipment via parachute and conduct subsequent equipment recovery and throughput operations. They are responsible for performing parachute repack as well as conducting preventive and corrective maintenance on all airdrop equipment, and will assist in evaluating proposed Landing Zone/Drop Zones in order to support the planning and execution of effective personnel, supplies, and equipment clearance during airborne, airdrop and equipment recovery operations. They will also perform various supervisory duties in support of airborne and airdrop missions to include, but not limited to, mission planning, Jumpmaster (military freefall and static line), Drop Zone Safety and Malfunctions Officers.

   b. Prerequisites

      (1) Must be a U.S. Citizen.

      (2) Must be a volunteer.

      (3) Security requirement: Secret security clearance eligibility.

      (4) Must possess a GT score of 100 or higher, no waivers.

      (5) Must run and pass the U.S. Army Physical Fitness Test prior to shipping to Airborne Course, U.S. Army Infantry School, Ft Benning, GA. Student will provide proof of passing the U.S. Army Physical Fitness Test upon checking into the U.S. Army Airborne Course.

      (6) Must have WS-B(+) Water Survival Qualification.

      (7) Must have WS-I Water Survival Qualification.

   c. Requirements

      (1) Complete Airborne Course, U.S. Army Infantry School, Ft Benning, GA, upon entry or lateral move at the rank of Lance Corporal or Corporal with six months or less time in grade. Marines within the Active Reserve Program can lateral move into the 0451 MOS up to the rank of Sergeant.
(2) Complete Parachute Riggers Course, U.S. Army Quartermaster School, Ft Lee, VA, upon entry or lateral move at the rank of Lance Corporal or Corporal with six months or less time in grade. Marines within the Active Reserve Program can lateral move into the 0451 MOS up to the rank of Sergeant.

(3) Except for temporary limitations imposed by medical authority, when a Marine is no longer authorized to perform all duties required of an Airborne and Air Delivery Specialist, commanders will forward a request for revocation of 0451 Primary MOS to HQMC I&L Department (LPC) for approval.

d. Duties. For a complete listing of duties and tasks, refer to reference (h), Logistics Training and Readiness Manual.

e. Related Standard Occupational Classification (SOC) Title and Code. Air Crew Members 55-3011.

f. Related Military Skill. None.

5. MOS 0471, Personnel Retrieval and Processing Specialist (SSgt to Pvt)

a. Summary. Personnel Retrieval And Processing Specialist perform duties in both combat and non-combat environments pertaining to the search and recovery, processing, tentative identification, interment, disinterment, and transportation of human remains and personal effects. Furthermore, they perform the various duties pertaining to the establishment of Collection Points and Interments sites. These duties are performed in both joint and single service theaters of operations and in an NBCR environment.

b. Prerequisites


(2) Must be a volunteer.

c. Requirements. Complete the formal course of instruction at the U.S. Army Mortuary Affairs Center, Ft Lee, VA, or other service school, equivalent civilian/government formal course of instruction (USAF, FEMA).

d. Duties. For a complete listing of duties and tasks, refer to reference (h), Logistics Training and Readiness Manual.


f. Related Military Skill. None.

6. MOS 0472, Personnel Retrieval and Processing Technician (SSgt to Pvt)

a. Summary. Personnel retrieval and processing technicians perform duties incident to the handling of human remains in both joint and single service theaters of operations.

b. Prerequisites

(1) Must be a volunteer.
(2) Security requirement: Secret security clearance.

c. Requirements. Complete the formal courses of instruction at the U.S. Army Mortuary Affairs Center, Ft Lee, VA, or complete a 7 month deployment in a theater of operations during combat operations under the direct supervision of school trained PRP personnel. In addition, the SNM must receive a letter of recommendation from the OIC of the unit during the deployment.

d. Duties. For a complete listing of duties and tasks, refer to reference (h), Logistics Training and Readiness Manual.


f. Related Military Skill. None.

7. MOS 0481, Landing Support Specialist (SSgt to Pvt) PMOS

a. Summary. The Landing Support Specialist performs various duties that support the establishment, maintenance and control of transportation throughput systems on beaches, landing zones, ports (air and sea), and terminals (rail, truck, and container) used in support of MAGTF operations and deployments. They are trained in the doctrinal concepts of landing support and the landing force support party; conducting port, arrival/departure airfield, helicopter landing zone, and rail head operations. The landing support specialist is also trained in the application of Automated Information Systems (AIS) that are utilized throughout the Defense Transportation System (DTS) to track, and interface movement data with load planning programs and joint AIS to support the FDP&E process and In Transit Visibility (ITV). NCOs and Staff NCOs plan, conduct, and supervise landing support operations and training. At the MAGTF level, they assist with the throughput of unit personnel, supplies and equipment. They also assist with the preparation, planning, and execution of strategic mobility plans in accordance with the Time Phased Force Deployment Data (TPFDD) used to deploy and sustain forward deployed forces. At the SNCO level, they will also serve as Combat Cargo Assistants (CCAs) onboard naval amphibious assault ships. MOS 0491, Logistics/Mobility Chief is assigned as the primary MOS upon promotion to Gunnery Sergeant.

b. Prerequisites

(1) Must be a U.S. Citizen.

(2) Security requirement: Secret security clearance eligibility.

(3) Must possess a GT score of 95 or higher.

(4) Must possess an MM score of 100 or higher.

c. Requirements

(1) Complete the Basic Landing Support Specialist Course, Logistics Operations School, Marine Corps Combat Service Support Schools, Camp Johnson/Camp Lejeune, NC, upon entry or upon lateral move at the rank of Sergeant or below.
(2) Sergeants making a lateral move must also complete the Landing Support NCO Course, Logistics Operations School, Marine Corps Combat Service Support Schools, Camp Johnson/Camp Lejeune, NC.

(3) Non-MOS qualified Reserve Marines unable to attend the regular formal school course may be certified for MOS 0481, as an AMOS-only, by the unit commander upon successful completion of the Alternate Training Instructional Program (ATIP) of the Marine Force Reserves. The ATIP for MOS 0481 Marines is found in reference (ay), Force Order 1535.1 and consists of core tasks to be performed to standard at the Reserve Basic Landing Support School, MTT or MOJT. A minimum of six months MOJT while assigned to a MOS 0481 billet is required.

d. Duties. For a complete listing of duties and tasks, refer to reference (h), Logistics Training and Readiness Manual.


f. Related Military Skill. None.

8. MOS 0491, Logistics/Mobility Chief (MGySgt to GySgt) PMOS

a. Summary. The Logistics/Mobility Chief coordinates, plans, conducts and supervises logistics, embarkation, and landing support operations throughout the Marine Corps. They are also responsible for unit level logistics and embarkation training. They coordinate all combat logistics functions to deploy and sustain Marine combat forces of a MAGTF and its attached units. Logistics/Mobility Chiefs also serve as Combat Cargo Assistants (CCAs) onboard naval amphibious staffs and ships. They serve on General Officer staffs at the MEF, MARFOR, and HQMC level and conduct planning and execution of MAFTF deployments at the strategic level. Logistics/Mobility Chiefs articulate command strategic mobility requirements both present and future to appropriate agencies, such as; Headquarters Marine Corps, U.S. Transportation Command and her three Transportation Component Commands (TCCs); Surface Deployment Distribution Command, Military Sealift Command, and Air Mobility Command. As the Logistics/Mobility Chiefs' career progresses, they are assigned to Naval and Joint staffs as a liaison for the Marine Corps where they provide interface and address Marine Corps' mobility and lift requirements. They can also be assigned to serve with the TCCs as liaisons to convey the MAGTF commander's operational requirements to support unit moves at the operational/strategic level.

b. Prerequisites. Must have had previous duty as a 0431, or 0481.

c. Requirements. Complete the Advanced Logistics/Mobility Course, Logistics Operations School, Marine Corps Combat Service Support Schools, Camp Johnson/Camp Lejeune, NC as a Staff Sergeant or Gunnery Sergeant.

d. Duties. For a complete listing of duties and tasks, refer to reference (h), Logistics Training and Readiness Manual.

e. Related Standard Occupational Classification (SOC) Title and Code. First-Line Supervisors/Managers of Officer and Administrative Support Workers 43-1011.

<table>
<thead>
<tr>
<th>MOS</th>
<th>TITLE</th>
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</thead>
<tbody>
<tr>
<td>0400</td>
<td>Basic Logistics Marine (Basic MOS)</td>
</tr>
<tr>
<td>0411</td>
<td>Maintenance Management Specialist (PMOS)</td>
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<tr>
<td>0431</td>
<td>Logistics/Embarkation Specialist (PMOS)</td>
</tr>
<tr>
<td>0451</td>
<td>Airborne and Air Delivery Specialist (PMOS)</td>
</tr>
<tr>
<td>0471</td>
<td>Personnel Retrieval Processing Specialist (PMOS) USMCR ONLY</td>
</tr>
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<td>0472</td>
<td>Personnel Retrieval Processing Technician (FMOS)</td>
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<tr>
<td>0481</td>
<td>Landing Support Specialist (PMOS)</td>
</tr>
<tr>
<td>0491</td>
<td>Logistics/Mobility chief (PMOS)</td>
</tr>
</tbody>
</table>

Figure 3-4.--Logistics
MOS 0411, Maintenance Management Specialist (PMOS)

MGYSGT  Required Training:
Required Training:
Skill Progression:
Skill Progression:
Skill Enhancement: Joint Course on Logistics
Skill Enhancement: Joint Course on Logistics
MOS Assignment: MOS Assignment:
Required Training: Senior Enlisted PME Course
Required Training:
Skill Progression: Marine Corps Logistics Education Program (MCLEP)
Skill Progression: Marine Corps Logistics Education Program (MCLEP)
Skill Enhancement: Continuous Process Improvement Certification Training (Black Belt Level)
Skill Enhancement: Continuous Process Improvement Certification Training (Black Belt Level)
MOS Assignment:
MOS Assignment:
OPFOR: MARFOR/MEF HQ
OPFOR: MARFOR/MEF HQ
SE: HQMC/TECOM/MCLC
SE: HQMC/TECOM/MCLC

MSGT  Required Training:
Required Training:
Skill Progression: Continuous Process Improvement Certification Training (Green Belt Level)
Skill Progression: Continuous Process Improvement Certification Training (Green Belt Level)
Skill Enhancement: Marine Corps Logistics Education Program (MCLEP)
Skill Enhancement: Marine Corps Logistics Education Program (MCLEP)
MOS Assignment:
MOS Assignment:
OPFOR: MARFOR/MEF/MSC
OPFOR: MARFOR/MEF/MSC
SE: HQMC/TECOM/MCSC/MCLC/MCCDC
SE: HQMC/TECOM/MCSC/MCLC/MCCDC

GYSGT  Required Training:
Required Training:
Intermediate Maintenance Management Specialist Course (IMMSC)
Intermediate Maintenance Management Specialist Course (IMMSC)
Skill Progression:
Skill Progression:
Continuous Process Improvement Certification Training (Yellow Belt Level)
Continuous Process Improvement Certification Training (Yellow Belt Level)
Skill Enhancement:
Skill Enhancement:
Ground Supply Chiefs Course (GSCC)
Ground Supply Chiefs Course (GSCC)
MOS Assignment:
MOS Assignment:
OPFOR: All MAGTF Staffs/Units
OPFOR: All MAGTF Staffs/Units
SE: I&I Duty/TECOM/MCSC/MCLC/MCCDC
SE: I&I Duty/TECOM/MCSC/MCLC/MCCDC

SSGT  Required Training:
Required Training:
Intermediate Maintenance Management Specialist Course (IMMSC)
Intermediate Maintenance Management Specialist Course (IMMSC)
MOS Assignment:
MOS Assignment:
OPFOR: All MAGTF Staffs/Units
OPFOR: All MAGTF Staffs/Units
SE: I&I Duty/TECOM/MCSC/MCLC/MCCDC
SE: I&I Duty/TECOM/MCSC/MCLC/MCCDC

Figure 3-4.--Logistics

3-64 Enclosure (1)
Skill Progression: Continuous Process Improvement Certification Training (Yellow Belt Level)

MOS Assignment: OFFOR: All MAGTF Staffs/Units
SE: I&I Duty/TECOM/MCSC/MCLC/MCCDC

---

SGT

Required Training: Intermediate Maintenance Management Specialist Course (IMMSC)

MCI 8010 Sergeants Distant Education Program

Skill Progression: Enlisted Supply Intermediate Course (ESIC)

Continuous Process Improvement Certification Training (Yellow Belt Level)

MOS Assignment: MCI 3044 Contingency Contracting
OFFOR: All MAGTF Staffs/Units
SE: I&I Duty/TECOM/MCSC/MCLC/MCCDC

---

CPL

Required Training: Intermediate Maintenance Management Specialist Course (IMMSC)

Skill Progression: MCI 0414 Ground Maintenance Management Procedures for Supervisors

MCI 0131 Correspondence Procedures

MCI 303 Warehousing Operations

Continuous Process Improvement Certification Training (Yellow Belt level)

MCI 2525 Communications Security

MOS Assignment: MCI 0112 Counseling for Marines
OFFOR: All MAGTF Staffs/Units
SE: I&I Duty/TECOM/MCSC/MCLC/MCCDC

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LCPL

Required Training: Basic Maintenance Management Specialist Course (BMMSC)

Skill Progression:
<table>
<thead>
<tr>
<th>Skill Enhancement:</th>
<th>MCI 0416 Marine Corps Publication and Directives System</th>
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<tbody>
<tr>
<td>MOS Assignment:</td>
<td>MCI 301 Basic Warehousing</td>
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<tr>
<td></td>
<td>MCI 001 Principles of Instruction for the Marine NCO</td>
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<tr>
<td></td>
<td>MCI 0410 MIMMS AIS</td>
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<tr>
<td>PFC</td>
<td></td>
</tr>
<tr>
<td>Required Training:</td>
<td>Basic Maintenance Management</td>
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<td>Skill Progression:</td>
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<td>OPFOR: All MAGTF Staffs/Units</td>
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<td>Required Training:</td>
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<td>SSGT</td>
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<td>Required Training:</td>
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<tr>
<td></td>
<td>Air Mobility Command Affiliation</td>
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<tr>
<td></td>
<td>Airlift Load Planner's Course</td>
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<tr>
<td></td>
<td>Recertification in:</td>
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<tr>
<td></td>
<td>(1) Defense Packaging of Hazardous</td>
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<tr>
<td></td>
<td>Materials Course (USA)</td>
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<td>(2) Transportation of Hazardous</td>
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<td>Material Course (USN)</td>
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<td>(3) Hazardous Materials Preparer</td>
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<td>Course (USAF)</td>
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<td></td>
<td>Inter-modal Dry Cargo Container Re-inspection Course</td>
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</table>

**MOS 0431, Logistics/Embarkation Specialist (PMOS)**

**Figure 3-4.--Logistics (continued)**

3-66 Enclosure (1)
Skill Enhancement: Ship Loading and Stowage Course

Air Movement Planning Course

Strategic Deployment Planning Course

Air Deployment Planning Course

Unit Movement Officer Deployment Planning Course

Maritime Pre-positioning Force Staff Planning Course

Tactical Logistics Operations Course (TLOC)

MOS Assignment: OFFFOR: Staffs/Units/MAGTFs

SE: Amphib Ship/CCA

<table>
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<tr>
<th>SGT</th>
<th>Required Training:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Logistics/Embarkation NCO Course</td>
</tr>
</tbody>
</table>

Air Mobility Command Affiliation

Airlift Load Planners Course

Certification in:

(1) Defense Packaging of Hazardous Materials Course (USA) or

(2) Transportation of Hazardous Materials Course (USN) or

(3) Hazardous Materials Preparer Course (USAF)

Inter-modal Dry Cargo Container Re-inspection Course

Skill Progression:

Skill Enhancement: Amphibious Ship Load Planners Course

Ship Loading and Stowage Course

Expeditionary Deployment Systems Course

Air Deployment Planning Course

Unit Movement Officer Deployment Planning Course

MCI 001 Principles of Instruction for the Marine NCO

MCI 0112-Counseling for Marines

Air Movement Planning Course

Figure 3-4.--Logistics (continued)
<table>
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<th>MOS Assignment: CPL</th>
<th>Required Training:</th>
<th>OFFOR: Staffs/Units/MAGTFs</th>
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<tr>
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<td>Logistics/Embarkation NCO Course</td>
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<td>Skill Enhancement:</td>
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<tbody>
<tr>
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<td>Basic Logistics/Embarkation Specialist Course</td>
<td></td>
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<tr>
<td>Skill Progression:</td>
<td></td>
<td>I&amp;I Duty</td>
</tr>
</tbody>
</table>

- Certification in:
  1. Defense Packaging of Hazardous Materials Course (USA) or
  2. Transportation of Hazardous Materials Course (USN) or
  3. Hazardous Materials Preparer Course (USAF)

- Inter-modal Dry Cargo Container Reinspection Course

- Amphibious Ship Load Planners Course
- Ship Loading and Stowage Course
- Expeditionary Deployment Systems Course
- Air Deployment Planning Course
- Unit Movement Officer Deployment Planning Course
- Command Sponsored Corporals Leadership Course
- MCI 001 Principles of Instruction for the Marine NCO
- MCI 0112-Counseling for Marines Air Movement Planning Course

Figure 3-4.--Logistics (continued)
Skill Enhancement: Air Mobility Command Affiliation
Airlift Load Planners Course

Certification in:
(1) Defense Packaging of Hazardous Materials Course (USA) or

(2) Transportation of Hazardous Materials Course (USN) or

(3) Hazardous Materials Preparers Course (USAF)

MCI 001 Principles of Instruction for the Marine NCO
MCI 0112-Counseling for Marines
MCI 0118-Spelling
MCI 0119-Punctuation
MCI 0131-Correspondence Procedures
MCI 0201-Intelligence Brief-Southwest Asia
MCI 0210-Terrorism Awareness for Marines
MCI 045-The Logistics/Embarkation Specialist
MCI 047-Introduction to Amphibious Embarkation
MCI 0481-Landing Support Specialist
MCI 0416-The Marine Corps Publications and Directives System
MCI 1334- Math for Marines
MCI 3420-Personal Financial Management

MOS Assignment: MCI 3420-Personal Financial Management

OPFOR: Staffs/Units/MAGTFs
SE: None

PFC Required Training: Basic Logistics/Embarkation Specialist Course
Skill Progression:

Figure 3-4.--Logistics (continued)

3-69 Enclosure (1)
Skill Enhancement:  Air Mobility Command Affiliation
Airlift Load Planners Course

Certification in:
(1) Defense Packaging of Hazardous Materials Course (USA) or

(2) Transportation of Hazardous Materials Course (USN) or

(3) Hazardous Materials Preparers Course (USAF)

MCI 001 Principles of Instruction for the Marine NCO

MCI 0112-Counseling for Marines

MCI 0118-Spelling

MCI 0119-Punctuation

MCI 0131-Correspondence Procedures

MCI 0201-Intelligence Brief-Southwest Asia

MCI 0210-Terrorism Awareness for Marines

MCI 045-The Logistics/Embarkation Specialist

MCI 047-Introduction to Amphibious Embarkation

MCI 0481-Landing Support Specialist

MCI 0416-The Marine Corps Publications and Directives System

MCI 1334-Math for Marines

MCI 3420-Personal Financial Management

OPFOR: Staffs/Units/MAGTFs

SE: None

MOS Assignment:  Basic Logistics/Embarkation Specialist Course

Required Training:  Basic Logistics/Embarkation Specialist Course

Figure 3-4.--Logistics (continued)

3-70  Enclosure (1)
Skill Enhancement: Air Mobility Command Affiliation
Airlift Load Planners Course

Certification in:
(1) Defense Packaging of Hazardous Materials Course (USA) or
(2) Transportation of Hazardous Materials Course (USN) or
(3) Hazardous Materials Preparer Course (USAF)

MCI 001 Principles of Instruction for the Marine NCO
MCI 0112—Counseling for Marines
MCI 0118—Spelling
MCI 0119—Punctuation
MCI 0131—Correspondence Procedures
MCI 0201—Intelligence Brief-Southwest Asia
MCI 0210—Terrorism Awareness for Marines
MCI 045—The Logistics/Embarkation Specialist
MCI 047—Introduction to Amphibious Embarkation
MCI 0481—Landing Support Specialist
MCI 0416—The Marine Corps Publications and Directives System
MCI 1334—Math for Marines
MCI 3420—Personal Financial Management

MOS Assignment: MCI 3420—Personal Financial Management
OFFOR: Staffs/Units/MAGTFs
SE: None

MOS 0451, Airborne and Air Delivery Specialist (PMOS)

MGYSgt Required Training:
Skill Progression:
Skill Enhancement:
MOS Assignment: OFFOR: None
SE: HQMC/Ft Lee/NavSafCtr

Figure 3-4.—Logistics (continued)
MSGT
Required Training:
Skill Progression:
Skill Enhancement:
MOS Assignment:  
OFFFOR: Force Recon/MLG  
SE: Ft Lee/SYSCOM/MARSOC

GYSGT
Required Training: Military Freefall Jumpmaster Course  
Tandem Offset Re-supply Delivery System Course  
Skill Progression: Recertification in:  
Skill Enhancement:  
(1) Defense Packaging of Hazardous Materials Course (USA)  
(2) Transportation of Hazardous Materials Course (USN)  
(3) Hazardous Materials Preparer Course (USAF)  
MOS Assignment:  
OFFFOR: Force Recon/Recon Bn/MLG  
SE: MARSOC/SYSCOM/TECOM/Ft Lee/  
EWTLANT/EWTGPac/I&I Duty

SSGT
Required Training: Military Freefall Parachutist Course  
O2 Oxygen Course  
Recertification in:  
(1) Defense Packaging of Hazardous Materials Course (USA)  
(2) Transportation of Hazardous Materials (USN) Course  
(3) Hazardous Material Preparer Course (USAF)  
Skill Progression: Military Freefall Jumpmaster Course  
Skill Enhancement: Tandem Offset Resupply Delivery System Course  
MOS Assignment:  
OFFFOR: Force Recon/MLG/Recon Bn/Radio  
Bn  
SE: SYSCOM/Ft Lee/TECOM/YUMA/Ft Benning/I&I Duty

Figure 3-4.--Logistics (continued)
Required Training:

**Static Line Jumpmaster Course**

**Helicopter Rope Suspension Training Course**

**Recertification in:**
1. **Defense Packaging of Hazardous Materials Course** (USA)
2. **Transportation of Hazardous Materials Course** (USN)
3. **Hazardous Material Preparer Course** (USAF)

**Skill Progression:**

**Skill Enhancement:**

**O2 Oxygen Course**

**MOS Assignment:**

**OPFOR:** Force Recon/MLG Recon Bn/Radio Bn

**SE:** Ft Lee/MARSOC/EWTG/ML/G/EWTG Pac/I&I Duty

**CPL**

Required Training:

**Aircraft Load Inspector Course**

**Recertification in:**
1. **Defense Packaging of Hazardous Materials Course** (USA)
2. **Transportation of Hazardous Materials Course** (USN)
3. **Hazardous Materials Preparer Course** (USAF)

**U.S. Army Airborne Course**

**Parachute Riggers Course**

**Airdrop Load Inspectors Certification Course**

**Intermediate Maintenance Management Specialist Course**

**Skill Progression:**

**Skill Enhancement:**

**Static Line Jumpmaster Course**

**Helicopter Rope Suspension Training Course**

**Drop Zone Safety Team Leader Course**

**Pathfinder Course**

**Command Sponsored Corporals Leadership Course**

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Figure 3-4.--Logistics (continued)
<table>
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<tr>
<th>MOS Assignment:</th>
<th>OFFFOR: Recon Bn/Force Recon/Radio Bn/MLG</th>
<th>SE: MARSOC/ETWLan/EWTGPac/IT Duty</th>
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<tr>
<td>LCPL</td>
<td>Required Training: U.S. Army Airborne Course</td>
<td>Parachute Rigger Course</td>
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<td>Skill Progression: MCI 0410 MIMMS (AIS)</td>
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<td></td>
<td>Skill Enhancement: Certification in: (1) Defense Packaging of Hazardous Materials Course (USA)</td>
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<td></td>
<td>(2) Transportation of Hazardous Materials Course (USN)</td>
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<td></td>
<td>(3) Hazardous Materials Preparer Course (USAF)</td>
<td></td>
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<tr>
<td></td>
<td>Command Sponsored Corporals Leadership Course</td>
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<td>MOS Assignment:</td>
<td>OFFFOR: MLG/Recon Bn/Radio Bn</td>
<td>SE: None</td>
</tr>
<tr>
<td>PFC</td>
<td>Required Training: U.S. Army Airborne Course</td>
<td>Parachute Rigger Course</td>
</tr>
<tr>
<td></td>
<td>Skill Progression: MCI 0410 MIMMS (AIS)</td>
<td></td>
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<tr>
<td></td>
<td>Skill Enhancement: Certification in: (1) Defense Packaging of Hazardous Materials Course (USA)</td>
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<td>(2) Transportation of Hazardous Materials Course (USN)</td>
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<td>(3) Hazardous Materials Preparer Course (USAF)</td>
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<td>MOS Assignment:</td>
<td>OFFFOR: MLG/Recon Bn/Radio Bn</td>
<td>SE: None</td>
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<tr>
<td>PVT</td>
<td>Required Training: U.S. Army Airborne Course</td>
<td>Parachute Rigger Course</td>
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<td></td>
<td>Skill Progression: MCI 0410 MIMMS (AIS)</td>
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</tr>
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</table>

Figure 3-4.--Logistics (continued)
Skill Enhancement: Certification in:
(1) Defense Packaging of Hazardous Materials Course (USA)
(2) Transportation of Hazardous Materials Course (USN)
(3) Hazardous Materials Preparer Course (USAF)
MOS Assignment: OPFOR: MLG/Recon Bn/Radio Bn
SE: None

MOS 0471, Personnel Retrieval and Processing Specialist (PMOS)

SSGT Required Training: Joint Mortuary Affairs Senior NCO Course
Skill Progression: Medicolegal Death Investigator Training Course
Skill Enhancement: OPFOR: Remains Processing Squad Leader
MOS Assignment: Search and Recovery Squad Leader

Mortuary Affairs MTT Instructor
SE: JPAC Squad Leader/Mortuary Affairs Instructor

SGT Required Training: Mortuary Affairs Specialist Course
Skill Progression: Critical Incident Stress Management Course
Skill Enhancement: Medicolegal Death Investigator Course
MOS Assignment: OPFOR: Remains Processing Squad Leader

Search and Recovery Squad Leader
Personal Effects Depot Team Leader
Mortuary Affairs MTT Instructor
SE: JPAC Team Leader/Mortuary Affairs Instructor

CPL Required Training: Mortuary Affairs Specialist Course
Skill Progression: Critical Incident Stress Management Course
Skill Enhancement: Medicolegal Death Investigator Course

Figure 3-4.--Logistics (continued)
MOS Assignment: LCPL
Required Training: Mortuary Affairs Specialist Course
Skill Progression: Critical Incident Stress Management Course
Skill Enhancement: Medicolegal Death Investigator Course
MOS Assignment: PFC
Required Training: Mortuary Affairs Specialist Course
Skill Progression: Critical Incident Stress Management Course
Skill Enhancement: Medicolegal Death Investigator Course
MOS Assignment: PVT
Required Training: Mortuary Affairs Specialist Course
Skill Progression: Critical Incident Stress Management Course
Skill Enhancement: Medicolegal Death Investigator Course

Figure 3-4.--Logistics (continued)
MOS 0481, Landing Support Specialist (PMOS)

SSGT

Required Training:
Advanced Logistics/Mobility Course
Air Mobility Command Affiliation
Airlift Load Planner's Course

Recertification in:
(1) Defense Packaging of Hazardous Materials Course (USA)
(2) Transportation of Hazardous Material Course (USN)
(3) Hazardous Materials Preparer Course (USAF)

Inter-modal Dry Cargo Container Re-inspection Course

MCI 8100 Staff NCO Career Distance Education Program

Skill Progression:
Skill Enhancement:
Ship Loading and Stowage Course
Air Movement Planning Course
Strategic Deployment Planning Course
Air Deployment Planning Course
Unit Movement Officer Deployment Planning Course
Maritime Prepositioning Force Staff Planning Course

Tactical Logistics Operations Course (TLOC)

MOS Assignment:
OFFFOR: MLG/DIV/MAW
SE: Amphib Ship CCA

Figure 3-4.--Logistics (continued)

3-77

Enclosure (1)
SGT Required Training: Landing Support NCO Course
Air Mobility Command Affiliation
Airlift Load Planners Course
Certification in:
(1) Defense Packaging of Hazardous Materials Course (USA)
(2) Transportation of Hazardous Materials Course (USN)
(3) Hazardous Materials Preparer Course (USAF)
Inter-modal Dry Cargo Container Re-inspection Course
MCI 0010-Sergeants Distance Education Program
Skill Progression:
Skill Enhancement: Amphibious Ship Load Planner's Course
Ship Loading and Stowage Course
Expeditionary Deployment Systems Course
Air Movement Planning Course
Air Deployment Planning Course
Unit Movement Officer Deployment Planning Course
MCI 001-Principles of Instruction for the Marine NCO
MCI 0112-Counseling for Marines
MOS Assignment: OFFFOR: MLG/DIV/MAW
SE: I&I Duty

Figure 3-4.—Logistics (continued)
3-78 Enclosure (1)
CPL

**Required Training:**
Landing Support NCO Course
Air Mobility Command Affiliation
Airlift Load Planners Course

**Certification in:**
(1) Defense Packaging of Hazardous Materials Course (USA)
(2) Transportation of Hazardous Materials Course (USN)
(3) Hazardous Materials Preparer Course (USAF)
Inter-modal Dry Cargo Container Re-inspection Course

**Skill Progression:**
Amphibious Ship Load Planner's Course
Ship Loading and Stowage Course
Expeditionary Deployment Systems Course
Air Movement Planning Course
Air Deployment Planning Course
Unit Movement Officer Deployment Planning Course
Command Sponsored Corporals Leadership Course
MCI 001 Principles of Instruction for the Marine NCO
MCI 0112-Counseling for Marines

**OPFOR:** MLG
**SE:** None

LCPL

**Required Training:**
Skill Progression:

Figure 3-4.--Logistics (continued)
Skill Enhancement: Air Mobility Command Affiliation
Airlift Load Planners Course

Certification in:
(1) Defense Packaging of Hazardous Materials Course (USA)
(2) Transportation of Hazardous Materials Course (USN)
(3) Hazardous Materials Preparer Course (USAF)

MCI 001 - Principles of Instruction for the Marine NCO
MCI 0112 - Counseling for Marines
MCI 0118 - Spelling
MCI 0119 - Punctuation
MCI 0131 - Correspondence Procedures
MCI 0201 - Intelligence Brief-South Asia
MCI 0210 - Terrorism Awareness for Marines
MCI 045 - The Logistics/Embarkation Specialist Course
MCI 047 - Introduction to Amphibious Embarkation
MCI 0416 - The Marine Corps Publications and Directives Systems
MCI 1334 - Math for Marines
MCI 3420 - Personal Financial Management

OPFOR: MLG
SE: None

PFC Required Training: None
Skill Progression: None

Figure 3-4.--Logistics (continued)

3-80 Enclosure (1)
Skill Enhancement: Air Mobility Command Affiliation
Airlift Load Planners Course

Certification in:
(1) Defense Packaging of Hazardous Materials Course (USA)
(2) Transportation of Hazardous Materials Course (USN)
(3) Hazardous Materials Preparer Course (USAF)

MCI 001 - Principles of Instruction for the Marine NCO
MCI 0112 - Counseling for Marines
MCI 0118 - Spelling
MCI 0119 - Punctuation
MCI 0131 - Correspondence Procedures
MCI 0201 - Intelligence Brief-South Asia
MCI 0210 - Terrorism Awareness for Marines
MCI 045 - The Logistics/Embarkation Specialist
MCI 047 - Introduction to Amphibious Embarkation
MCI 0416 - The Marine Corps Publications and Directives Systems
MCI 1334 - Math for Marines
MCI 3420 - Personal Financial Management

MOS Assignment: OPPOR: MLG
SE: None

PVT Required Training:
Skill Progression:

Figure 3-4.--Logistics (continued)
Skill Enhancement: Air Mobility Command Affiliation
Airlift Load Planners Course

Certification in:
(1) Defense Packaging of Hazardous Materials Course (USA)
(2) Transportation of Hazardous Materials Course (USN)
(3) Hazardous Materials Preparer Course (USAF)

MCI 001 - Principles of Instruction for the Marine NCO
MCI 0112 - Counseling for Marines
MCI 0118 - Spelling
MCI 0119 - Punctuation
MCI 0131 - Correspondence Procedures
MCI 0201 - Intelligence Brief-South Asia
MCI 0210 - Terrorism Awareness for Marines
MCI 045 - The Logistics/Embarkation Specialist
MCI 047 - Introduction to Amphibious Embarkation
MCI 0416 - The Marine Corps Publications and Directives Systems
MCI 1334 - Math for Marines

MOS Assignment: MCI 3420 - Personal Financial Management
OPFOR: MLG
SE: None

Figure 3-4.--Logistics (continued)
| MOS Assignment: | OE: Div HQ/MAW/MLG/MEF/MARFOR HQ  
| SE: ComNavSur CCA/Joint Staff |

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**Figure 3-4.—Logistics (continued)**

3-83  
Enclosure (1)
Skill Enhancement: Advanced Logistics Operations Course

Marine Corps Logistics Education Program

Joint Course On Logistics

Ship Loading and Stowage Course

Air Movement Planning Course

Advanced Air Mobility Operations Course

Strategic Deployment Planning Course

Air Deployment Planning Course

Air Deployment Planning Course

Unit Movement Officer Deployment Planning course

Maritime Pre-positioning Force Staff Planning Course

Air Mobility Command Affiliation

Airlift Load Planner's Course

Re-certification in:

(1) Defense Packaging of Hazardous Materials Course (USA)

(2) Transportation of Hazardous Materials Course (USN)

(3) Hazardous Materials Preparer Course (USAF)

Inter-modal Dry Cargo Re-Inspection Course

MCI 8650-Expeditionary Warfare School Distance Education Program

Logistics and Technology (LOGTECH) MBA Program

MOS Assignment: OPPFOR: Div HQ/MAW/MLG/MEF/MARFOR HQ
SE: ComNavSur CCA/Joint Staff

Figure 3-4.--Logistics (continued)
GYSGT Required Training:

- Advanced Logistics/Mobility Course
- Air Mobility Command Affiliation
- Airlift Load Planner's Course

Recertification in:

1. Defense packaging of Hazardous Materials Course (USA)
2. Transportation of Hazardous Materials Course (USN)
3. Hazardous Materials Preparer Course (USAF)
4. Inter-modal Dry Cargo Container Re-inspection Course

MCO 1200.17D

Skill Progression:

- Tactical Logistics Operations Course
- Advanced Logistics Operation Course
- Marine Corps Logistics Education Program
- Ship Loading and Stowage Course
- Air Movement Planning Course
- Advanced Air Mobility Operations Course
- Air Deployment Planning Course
- Unit Movement Officer Deployment Planning course
- Maritime Pre-positioning Force Staff Planning Course

MCI 8650-Staff NCO Advanced Distance Education Program

- Resident Staff NCO Academy Advanced Course
- Logistics and Technology (LOGTECH) MBA Program
- OPFOR: Br/Regt/Group
- SE: PhibRon & Amphib Ship CCA/I&I Duty

Figure 3-4.--Logistics (continued)

3-85 Enclosure (1)
3112. OCCUPATIONAL FIELD 05, MARINE AIR GROUND TASK FORCE (MAGTF) PLANS

1. Introduction. The MAGTF plans OccFld encompasses the management of Time Phased Force Deployment Data (TPFDD) in support of Joint and MAGTF operations plans, and advising Joint and MAGTF staff plans officers on Joint and Marine Corps Force Deployment Planning and Execution (FDP&E) matters in the deliberate, time-sensitive, and crisis planning environments. This includes identification of force requirements and the refinement of force and movement data for plan execution, deployment, employment, mobilization, sustainment, and redeployment of forces. Formal schooling should encompass FDP&E related doctrine, policy, procedures, MAGTF and joint command relationships. MAGTF and Joint Operational Planning and Execution Systems (JOPES) training will be provided to Marines entering this OccFld. The enlisted personnel in this OccFld provide the technical automated system and advisory support to staff plans officers in the areas of force deployment planning and execution, requirements, force resources, plans analysis, report retrieval, force location, phasing data, and electronic conferencing. This involves data entry maintenance, and manipulation of force data requirements. The enlisted MAGTF planner assists in initiating force deployment planning plan validation, and import/export plans between the various force deployment planning tools. Enlisted plans specialists are assigned to the S-3 at the unit level and the G-3 Plans/G-5 staffs to support the many aspects of force deployment planning and execution. MAGTF planners are to be readily available to support component force, Joint Task Force (JTF), JOPES cells, and Unified Commander Joint Force Deployment Contingency Planning Staffs. Civil affairs noncommissioned officers perform civil-military assessments of the operational area and coordinate with a wide variety of civilian populations, organizations, and agencies.

2. MOS 0511, MAGTF Planning Specialist (MGySgt to Pvt) PMOS

   a. Summary. The Enlisted MAGTF Planning Specialist is responsible for functional support in the areas of FDP&E. Typical duties include updating plan and unit information to unit level detail for force deployment planning; operating and managing force deployment planning automated data processing tools; producing force reports; and properly formatting and forwarding electronic mail, files, and newsgroup message traffic.

   b. Prerequisites

      (1) Must be a U.S. Citizen.

      (2) Must possess a GT score of 110 or higher.

      (3) Security requirement: Top Secret security clearance eligibility.

   c. Requirements

      (1) Complete the MAGTF Plans Basic Course.

      (2) For lateral move into this OccFld, an interview and recommendation by an installation's senior MAGTF Planner is required.

   d. Duties. For a complete listing of duties and tasks, refer to reference (az), MAGTF Planning Training and Readiness Manual.


3. MOS 0521, Psychological Operations Noncommissioned Officer (GySgt to Cpl) FMOS

   a. Summary. Psychological Operations Noncommissioned Officers plan and execute functions pertaining to psychological operations. This MOS will be assigned to noncommissioned officers as a non-PMOS by the CMC (MM).

   b. Prerequisites

      (1) Must possess a GT score of 100 or higher.

      (2) Security requirement: SCI security clearance eligibility.

   c. Requirements

      (1) Complete an approved course of study in Information Operations Planning of at least one week in duration.

      (2) Complete an approved military psychological operations course. An approved course is the U.S. Army's Psychological Operations Specialist Course.

      (3) Perform psychological operations (PSYOP) functions as a primary duty serving either (1) at least twelve months non-deployed PSYOP billet or (2) at least six months in an operationally deployed PSYOP billet working with different cultures. This on-the-job training provides essential supplemental experience. On-the-job training must include planning, integrating and conducting PSYOP as well as elements of education that provides a well-rounded background in all core, supporting and related functions of information operations and their synergistic interactions.

      (4) Deployed experience working with different cultures and secondary language skill is preferred but not mandatory.

   d. Duties

      (1) Develops psychological operations plans, and advises the commander on the conduct of psychological operations for all operations, contingencies and exercises.

      (2) Analyzes target audiences, evaluates effects of psychological operations; and knows the techniques and methodology of psychological operations.

      (3) Coordinates with other service, Joint, DOD, and other government agency psychological operations organizations to meet mission requirements.

      (4) Conducts psychological operations as may be required or directed by the commander during all phases of operations. This includes directly supporting forward deployed maneuver elements as a member of a PSYOP detachment as well as supporting staff planning at the headquarters/command element level.

4. MOS 0531, Civil Affairs Noncommissioned Officer (GySgt to Cpl) FMOS
   a. Summary. Civil Affairs Noncommissioned Officers perform various duties involving planning, coordinating, and conducting civil-military operations (CMO). They conduct research analysis, and execution of civil affairs area studies, area assessments, and CMO estimates. This MOS will be assigned as a FMOS only. Mission essential task/skill training is established in the T&R and includes graduation from the TECOM approved, non-PMOS awarding civil affairs course. Upon successful completion of this course, the Marine will be designated a Civil Affairs Noncommissioned Officer.
   b. Prerequisites
      (1) Must be a Corporal through Gunnery Sergeant of any MOS.
      (2) Security requirement: Secret security clearance eligibility.
      (3) Active duty personnel must have 24 months obligated service remaining upon graduation from the skill producing school.
   c. Requirements. Completion of a TECOM approved Civil Affairs Program of Instruction (POI).
   d. Duties. For a complete listing of duties and tasks, refer to reference (au), Civil Affairs Training and Readiness Manual.
   f. Related Military Skill. None.

5. MOS 0551, Information Operations Specialist (MGySgt to Cpl) FMOS
   a. Summary. Information Operations Specialist plan and advise commanders in the conduct and development of full-spectrum information operations (IO). This MOS will be assigned as a non-PMOS only by the CMC (MM).
   b. Prerequisites
      (1) Must possess a GT score of 100 or higher.
      (2) Security requirement: SCI security clearance eligibility.
   c. Requirements
      (1) Complete an approved course of study in Information Operations Planning of at least one week in duration. The graduating Marine should be prepared to plan and integrate full spectrum IO as well as support Commanders in the conduct of IO.
      (2) Perform IO functions as a primary duty serving either (1) at least twelve months non-deployed IO billet or (2) at least six months in an operationally deployed IO billet working with different cultures. This on-the-job training provides essential supplement experience. On-the-Job training will go beyond what is required to perform daily duties.
training must include elements of education that provides a well-rounded background in all core, supporting and related functions of IO and their synergistic interactions.

(3) Deployed experience working with different cultures and secondary language skill is preferred but not mandatory.

d. **Duties.** For a complete of duties and tasks, refer to reference (j), Information Operations Training and Readiness Manual.

e. **Related Standard Occupational Classification (SOC) Title and Code.**
   No civilian equivalent.

f. **Related Military Skill.** None.
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<th>MOS</th>
<th>TITLE</th>
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<td>0500</td>
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<td>0511</td>
<td>MAGTF Planning Specialist (PMOS)</td>
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<tr>
<td>0521</td>
<td>Psychological Operations Noncommissioned Officer (FMOS)</td>
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<td>0531</td>
<td>Civil Affairs Noncommissioned Officer (EMOS)</td>
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<td>0551</td>
<td>Information Operations Specialist (FMOS)</td>
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Figure 3-5.—Marine Air Ground Task Force (MAGTF) Plans
MOS 0511, MAGTF Planning Specialist PMOS

MGYSGT
Required Training: JOPES Executive Course
Skill Progression: JOPES Action Officer Course
MOS Assignment: SPC
SE: HQMC/Instructor

MSGT
Required Training: JOPES Executive Course
Skill Progression: JOPES Action Officer Course
MOS Assignment: SPC
SE: HQMC/Instructor

GYSGT
Required Training: JOPES Executive Course
Skill Progression: JOPES Action Officer Course
MOS Assignment: SPC
SE: HQMC/Instructor

SSGT
Required Training: JOPES Executive Course
Skill Progression: JOPES Action Officer Course
MOS Assignment: SPC
SE: HQMC/Instructor

SGT
Required Training: JOPES Specialty Course
Skill Progression: JOPES Action Officer Course
MOS Assignment: SPC
SE: HQMC/Instructor

CPL
Required Training: JOPES Support Personnel Course
Skill Progression: JOPES Action Officer Course
MOS Assignment: SPC
SE: HQMC/Instructor

LCPL
Required Training: JOPES Support Personnel Course
Skill Progression: JOPES Action Officer Course
MOS Assignment: SPC
SE: HQMC/Instructor

PFC
Required Training: MAGTF Planners Basic Course
Skill Progression: JOPES Support Personnel Course
MOS Assignment: SPC
SE: None

PVT
Required Training: MAGTF Planners Basic Course
Skill Progression: JOPES Support Personnel Course
MOS Assignment: SPC
SE: None

Figure 3-5.--Marine Air Ground Task Force (MAGTF) Plans

3-91 Enclosure (1)
Figure 3-5.--Marine Air Ground Task Force (MAGTF) Plans (continued)
3113. OCCUPATIONAL FIELD 06, COMMUNICATIONS

1. Introduction. The communications occupational field includes the design, installation, interconnection, and operation of communication networks and information systems used to transmit information and data. Marines in this field operate and perform preventive maintenance on both hardware and software systems; including telephone, teletype, switching, radio, cryptographic, and computer systems, which are essential links in the overall functions of communication. They must have basic to advanced manual and language skills and must be able to master precise communication and computer procedures, as well as interact on a daily basis with users to solve communication systems challenges. Attention to detail and the ability to work closely with others are essential requirements. Eligibility for a security clearance is a requirement for some communication systems specialties. Marines entering Communications Systems are assigned MOS 0600, Basic Communications Systems Marine. They will participate in various communication systems functions while training for a designated MOS within the OccFld. Entry-level jobs include work as a field radio operator, tactical switching operator, multichannel equipment operator, satellite communications equipment operator, information systems specialist, data network systems specialist, and information assurance and information security technicians. The opportunity to participate in a formal apprenticeship program leading to receipt of a Department of Labor Certificate of Apprenticeship Completion may be available in some MOSs within OccFld 06. More detail information on tasks and training objectives can be found in reference (k), the Communications Training and Readiness Manual for OccFld 06.

2. MOS 0612, Tactical Switching Operator (Sgt to Pvt) PMOS

a. Summary. Tactical Switching Operators are the foundation of wire communications in the Marine Corps. The primary function of personnel holding this designation is to install, operate, and maintain wire/cable networks to link key outposts, control points, and headquarters with reliable paths for the transmission of telephone, facsimile, and data services. Additional responsibilities include installing and performing organizational maintenance on the AN/TTC-62 and AN/TTC-63 tactical telephone centers. The AN/TTC-62 Deployed End Office Suite (DEOS) and AN/TTC-63 Remote Subscriber Access Module (RSAM) provide voice services of the Transition Switch Module (TSM) concept. These systems are computer-controlled nodes for multiple analog, Integrated Services Digital Network (ISDN), and voice-over internet protocol (VOIP) trunks/lines. Typical duties of this MOS are installing, operating and maintaining wire, cable, telephones, switches, media converters, adjusting equipment for proper operation, recovering wire/cable and operating call service positions. Tactical switching operators may obtain the additional skills of installing/maintaining ancillary equipment, distribution devices and patch panels if necessary to perform functions specific to a particular operational forces. Skill progression training for Sergeant and Corporal is the Wire Supervisor's Course.

b. Prerequisites

(1) Must be a U.S. Citizen.

(2) Must possess an EL score of 90 or higher.

(3) Must have normal color vision.

c. Requirements. Complete the Telephone System Installer/Maintainer Course, MCCES 29 Palms, CA.

d. Duties. For a complete listing of duties and tasks, refer to reference (k), Communications Training and Readiness Manual.

e. Related Standard Occupational Classification (SOC) Title and Code

(1) Line Installers and Repairers/Telephone Line 49-9052.

(2) Telecommunications Equipment Installers and Repairers, Except Line Installers 49-2022.

f. Related Military Skill. None.

3. MOS 0613, Construction Wireman (Sgt to Pvt) NMOS (0612)

a. Summary. A Construction Wireman is a Marine holding MOS 0613 performing duties in commercial cable, telephone installation and maintenance. Typical duties include integrating tactical telephone systems with host nation telephone systems, operating unique items of equipment for pole line construction (pole line trucks/series ditcher), mounting commercial hardware and emplacing conduit systems/commercial cable.

b. Prerequisites

(1) Must possess MOS 0612.

(2) Must be a U.S. Citizen.

(3) Must possess an EL score of 100 or higher.

(4) Must have normal color vision.


c. Requirements. Complete the Communications Cable and Antenna Systems Apprentice Course at the Technical Training Center, Sheppard AFB, TX.

d. Duties. For a complete listing of duties and tasks, refer to reference (k), Communications Training and Readiness Manual.

e. Related Standard Occupational Classification (SOC) Title and Code

(1) Telecommunications Equipment Installers and Repairers, Except Line Installers 49-2022.

(2) Telecommunications Line Installers and Repairers 49-9052.

f. Related Military Skill. None.

4. MOS 0619, Telecommunications Systems Chief (GySgt to SSgt) PMOS

a. Summary. Telecommunications Systems Chiefs manage the installation, operation, and maintenance of wire and cable infrastructures and command and control telephony systems. These systems provide transport for critical voice and data services as well as secure and non-secure voice communication.
In addition, telecommunication systems chiefs manage budgeting, inventory, plans, quality control, and operations of garrison inside plant telecommunications networks. Skill progression training for Gunnery Sergeant and Staff Sergeant is Telecommunications Systems Chiefs Course.

b. Prerequisites
   (1) Must be a U.S. Citizen.
   (2) Security requirement: Secret security clearance eligibility.

c. Requirements
   (1) This MOS is awarded upon promotion to Staff Sergeant only to Marines holding MOS 0612, or 0613.
   (2) Upon promotion to Staff Sergeant, Marines holding MOS 0619 are expected to attend the Telecommunication Systems Chiefs Course conducted at MCCES 29 Palms, CA.
   (3) Active duty Marines must have two years of active duty upon completion of training.

d. Duties. For a complete listing of duties and tasks, refer to reference (k), Communications Training and Readiness Manual.


f. Related Military Skill. None.

5. MOS 0621, Field Radio Operator (Sgt to Pvt) PMOS

a. Summary. Field Radio Operators employ radio to send and receive messages. Typical duties include the set up and tuning of radio equipment including antennas and power sources; establishing contact with distant stations; processing and logging of messages; making changes to frequencies or cryptographic codes; and maintaining equipment at the first echelon. Skill progression training for Sergeant and Corporal is Radio Supervisors Course.

b. Prerequisites
   (1) Must be a U.S. Citizen.
   (2) Must possess an EL score of 90 or higher.
   (3) Must possess a valid state driver's license.

c. Requirements. Complete the Field Radio Operator Course at MCCES 29 Palms, CA.

d. Duties. For a complete listing of duties and tasks, refer to reference (k), Communications Training and Readiness Manual.
6. MOS 0622, Digital (Multi-channel) Wideband Transmission Equipment Operator (Sgt to Pvt) NMOS (0621)

a. **Summary.** The Digital (Multi-Channel) Wideband Transmission Equipment Operator is Marines qualified to install, operate, and maintain at the first echelon, the multichannel media equipment and AN/MRC-142.

b. **Prerequisites.**
   1. Must be a U.S. Citizen.
   2. Must possess an EL score of 100 or higher.
   3. Must possess a valid state driver's license.

c. **Requirements.** Complete Digital Multi-channel Wideband Transmission Equipment Operators Course at MCCES 29 Palms, CA.

d. **Duties.** For a complete listing of duties and tasks, refer to reference (k), Communications Training and Readiness Manual.


7. MOS 0623, Tropospheric Scatter Radio Multi-channel Equipment Operator (Sgt to Pvt) PMOS

a. **Summary.** The Tropospheric Scatter Radio Multi-Channel Equipment Operator MOS identifies Marines who are qualified to install, operate, and maintain at the first echelon multi-channel media equipment. The skill progression training for Sergeants and Corporals is Radio Supervisors Course.

b. **Prerequisites.**
   1. Must be a U.S. Citizen.
   2. Must possess an EL score of 100 or higher.
   3. Must possess a valid state driver's license.

c. **Requirements.** Complete the Tropospheric Scatter Radio Multi-channel Equipment Operators Course.

d. **Duties.** For a complete listing of duties and tasks, refer to reference (k), Communications Training and Readiness Manual.


8. MOS 0627, Satellite Communications Operator (Sgt to Pvt) PMOS

a. Summary. The Satellite Communications Operator PMOS identifies Marines who emplace, interconnect, energize, and verify the operation of satellite terminal equipment.

b. Prerequisites
   (1) Must be a U.S. Citizen.
   (2) Must possess an EL score of 100 or higher.
   (4) Must possess a valid state driver's license.

c. Requirements. Complete Intro to SATCOM Operator Course, the Smart-T Operator/Maintainer Course, the Phoenix Satellite Terminal Operators Course and the Lightweight Multi-band Satellite Terminal Operator-Maintainer Course at Ft Gordon, GA.


f. Related Military Skill. None.

9. MOS 0629, Radio Chief (GySgt to SSgt) PMOS

a. Summary. Radio Chiefs supervise the installation and operation of fixed and field radio systems, microwave systems, and satellite communications systems. A radio chief must be familiar with the equipment capabilities and system integration for all elements of switching, transmission, data communications, and information assurance. They prepare and execute radio communications and plans vital to successful deployments for highly mobile and reliable communications. Additionally, the radio chiefs must understand maintenance and be familiar with budgeting, and administration. Skill progression training for Gunnery Sergeant and Staff Sergeant is the Radio Chief Course.

b. Prerequisites
   (1) Must be a U.S. Citizen.
   (2) This MOS is awarded upon promotion to Staff Sergeant only to Marines holding MOS 0621, 0622, 0623, or 0627.
   (3) Security requirement: Secret security clearance eligibility.
c. Requirements

(1) Upon promotion to Staff Sergeant, Marines holding MOS 0629 are expected to attend the Radio Chiefs Course conducted at MCCES 29 Palms, CA.

(2) Active duty Marines must have two years of active duty upon completion of training.

d. Duties. For a complete listing of duties and tasks, refer to reference (k), Communications Training and Readiness Manual.


10. MOS 0648, Spectrum Manager (MGySgt to SSgt) NMOS (0629, 0699, 2651, 5939)

a. Summary. Spectrum Managers coordinate the use of Marine Air Ground Task Force (MAGTF) spectrum-dependent (S-D) equipment and systems into the electromagnetic environment (EME). Spectrum Managers must be thoroughly familiar with and trained in international, national, DOD, Joint and Service level spectrum policy, allocations and frequency assignment procedures; spectrum supportability and certification procedures; coordination of Host Nation Approval (HNA); radio theory; spectrum analysis and engineering effects of electromagnetic compatibility (EMC); and determination, mitigation and resolution of electromagnetic interference (EMI). Spectrum managers implement policy and guidance for the effective and efficient use of the electromagnetic spectrum; administer and manage the MAGTF's use of national level and DOD associated spectrum databases; and coordinates the development of the Communications Electronic Operating Instruction (CEOI) and Joint Restricted Frequency list (JRFL). Spectrum Managers must be knowledgeable of all DOD/Service and commercial S-D equipment and systems to include, but not limited to, command and control, communications, intelligence, surveillance and reconnaissance (ISR) assets, aviation platforms, radar and navigation, electronic warfare (EW), munitions and weapons systems, etc.

b. Prerequisites

(1) Must be a U.S. Citizen.

(2) Must have obtained the rank of staff sergeant or above in one of the following MOSs: MOS 0629, 0699, 2651, or 5939.

(3) Security requirement: Top secret security clearance eligibility. Some operational billets may require SCI security clearance eligibility.

(4) Must possess an EL score of 105 or higher.

c. Requirements

(1) Complete the Electromagnetic Spectrum Management Course at the Technical Training Center, Keesler AFB, MS.

(2) Must have two years of active duty remaining upon completion of training.
d. Duties. For a complete listing of duties and tasks, refer to reference (k), Communications.

e. Related Standard Occupational Classification (SOC) Title and Code. Communications Equipment Operators, All Other 43-2099.

f. Related Military Skill. None.

11. MOS 0651, Cyber Network Operator (Sgt to Pvt) PMOS

a. Summary. Cyber Network Operators are responsible for the installation, configuring, and management of data network systems in both stand-alone and client-server environment, including Microsoft based curriculum on MS Exchange/Server, CISCO Certified Network Associate (CCNA) modules 1, 2, and 3, as well as other authorized data network systems. They install, configure, and maintain network services, both hardware and software. They also plan and execute the integration of multiple information systems, to include Data Distribution System-Replacement/Modular (DDS-R/M), in a network environment, evaluate and resolve customer information systems problems, and effect required hardware upgrades and repair to maintain mission capability. Skill progression training for Sergeants and Corporals is the Data Systems Supervisors Course.

b. Prerequisites

(1) Must be a U.S. Citizen.

(2) Must possess a GT score of 110 or higher.

(3) Security requirement: Secret security clearance eligibility.

c. Requirements. Complete the Data Network Specialist Course, MCCES 29 Palms, CA.

d. Duties. For a complete listing of duties and tasks, refer to reference (k), Communications Training and Readiness Manual.


12. MOS 0652, Certification Authority Workstation (CAW) Operator (Sgt to Cpl) NMOS (0651)

a. Summary. The CAW Operator operates the Certificate of Authority Workstation (CAW) and performs all the certificate management functions necessary to create, distribute, and manage the X.509 Certificates on organizational and individual FORTEZZA Cards. This MOS will be voided only by authority of the CMC (MM or C4). This MOS is awarded to Marines holding PMOS 0651.

b. Prerequisites

(1) Must be a U.S. Citizen.

(2) Security requirement: Secret security clearance eligibility. A higher clearance level may be required by billet assignment.
c. **Requirements.** Complete one of the following courses of instruction, or other approved course:

   (1) I MEF CAW Administrators Course, Camp Pendleton, CA.
   
   (2) II MEF CAW Administrators Course, Camp Lejeune, NC.
   
   (3) III MEF CAW Administrators Course, Camp Courtney, Okinawa, Japan.

   **d. Duties**

   (1) Generate, publish, and manage the X.509 Certificates on FORTEZZA Cards.
   
   (2) Create and post the Certificate Renovation List (CRL).
   
   (3) Securely distribute the user FORTEZZA Cards and PIN letters.
   
   (4) Access the X.509 Directory for, and distribute the Compromised Key List (CKL).
   
   (5) Maintain and inventory programmed and un-programmed FORTEZZA Cards.
   
   (6) Perform network configuration changes.
   
   (7) Recover from catastrophic system loss.
   
   (8) Assign security privileges and access controls of the CAW personnel.
   
   (9) Advise CA in accordance with DOD and NSA policies.

   e. **Related Standard Occupational Classification (SOC) Title and Code.** Computer Operators 43-9011.

   f. **Related Military Skill**

   (1) Cyber Network Operator, 0651.
   
   (2) Information Security Technician, 0681.

13. **MOS 0653, Defense Message System (DMS) Specialist (Sgt to Pvt). NMOS (0651)**

   a. **Summary.** Defense Message System Specialists work in local and area control centers (LCCs/ACCs) in the supporting establishment, and in messaging sections in operating forces units. They configure and operate DMS components and systems in order to ensure proper routing and delivery of message traffic both within and outside of the Marine Corps. They configure and maintain user unit accounts, monitor message and data routing and troubleshoot problems, and provide end user assistance as needed. This MOS is awarded to Marines holding PMOS 0651.

   b. **Prerequisites**

   (1) Must be a U.S. Citizen.
   
   (2) Must possess MOS 0651.
(3) Security requirement: Secret security clearance eligibility.


d. Duties. For a complete listing of duties and tasks, refer to reference (k), Communications Training and Readiness Manual.


f. Related Military Skill
   (1) Cyber Network Operator, 0651.
   (2) Cyber Network Systems Chief, 0659.
   (3) Special Intelligence Systems Administrator/Communicator, 2651.

14. MOS 0659, Cyber Network Systems Chief (GySgt to SSgt) PMOS

   a. Summary. Cyber Network Systems Chiefs perform advanced systems installation, operation, integration, and troubleshooting in order to maintain optimum secure data communications systems. They plan and supervise the installation, configuration, and maintenance of all data communications systems and network services, in both a garrison and deployed environment. Cyber network systems chiefs plan and design local and wide area networks and link heterogeneous networks through the application of appropriate data and telecommunications hardware and software. Skill progression training for Gunnery Sergeants and Staff Sergeants is the Data Systems Chief Course.

   b. Prerequisites
      (1) Must be a U.S. Citizen.
      (2) This MOS is awarded upon promotion to Staff Sergeant only to Marines holding MOS 0651.
      (3) Security requirement: Secret security clearance eligibility.
      (4) Active Duty Marines must have two years of active duty upon completion of training.

   c. Requirements. Upon promotion to Staff Sergeant, Marines holding MOS 0659 are expected to attend the Data Chiefs course conducted at MCCES 29 Palms, CA.

   d. Duties. For a complete listing of duties and tasks, refer to reference (k), Communications Training and Readiness Manual.


15. MOS 0681, Information Security Technician (MGySgt to SSgt) PMOS

   a. Summary. Information Security Technicians serve as the primary functional proponent for cryptographic key management infrastructure. These
Marines provide day-to-day operation of the Electronic Key Management System (EKMS), as well as other duty areas related to Information Security (INFOSEC), such as Public Key Infrastructure (PKI) and FORTEZZA Card management. Entry-level input to this MOS may be from any MOS at the grades of staff sergeant or gunnery sergeant. This MOS will be awarded by the CMC (C4) to Marines approved for lateral move and on completion of one of the listed approved courses in subparagraph b(3) below.

b. **Prerequisites**

1. Must be a U.S. Citizen.
2. Must possess a GT score of 100 or higher.
3. Must have attained the rank of Staff Sergeant or above.
5. Active duty Marines must have two years of active duty remaining upon completion of training.

c. **Requirements.** Complete one of the following courses of instruction, or others approved per MS-21A: I MEF EKMS Management Course, Camp Pendleton, CA; II MEF EKMS Management Course, Camp Lejeune, NC; or III MEF EKMS Management Course, Camp Courtney, Okinawa, Japan.

d. **Duties.** For a complete listing of duties and tasks, refer to reference (k), Communications Training and Readiness Manual.

e. **Related Standard Occupational Classification (SOC) Title and Code.** Network Systems and Data Communications Analysts 15-1081.


16. **MOS 0689, Cyber Security Technician (MGySgt to Sgt) PMOS**

a. **Summary.** Cyber Security Technicians are responsible for all aspects of ensuring Marine Corps information systems data availability, integrity authentication, confidentiality, and non-repudiation. Computer network defense specialist implement and monitor security measures for USMC communication information systems networks, and advise the commander that systems and personnel adhere to established security standards and governmental requirements for security on these systems. Duties include assisting in the development and execution of security policies, plans, and procedures; design and implementation of data network security measures; network intrusion detections and forensics; information system security incident handling; and certification of Marine Corps systems and networks. The skill progression training for Master Gunnery Sergeant through Staff Sergeant is the Information Assurance Managers Course (IAM).

b. **Prerequisites**

1. Must possess MOS 0651, 0659, 2651 or 6694.
2. Must be a U.S. Citizen.
3. Must possess a GT score of 110 or higher.
4. Must have attained the rank of sergeant or above.

c. Requirements. Complete the Information Assurance Technician Course, MCCES 29 Palms, CA.

d. Duties. For a complete listing of duties and tasks, refer to reference (k), Communications Training and Readiness Manual.


17. MOS 0699, Communications Chief (MGySgt to MSgt) PMOS

a. Summary. Communications Chief, as senior communications noncommissioned officers, directly assists the cognizant communications officer to develop the communications plan. A communications chief must have an overall knowledge of the equipment capabilities and system integration for all elements of switching transmission, data communications, and information assurance. Additionally they must have overall knowledge of maintenance, budgeting, and administration. They supervise communications units to determine equipment and operational readiness and supervise the installation, operation and maintenance of communication facilities. The skill progress training for Master Gunnery Sergeant and Master Sergeant is the Communications Chiefs Course.

b. Prerequisites

(1) Must be a U.S. Citizen.

(2) Security requirement: Secret security clearance eligibility.

(3) This MOS is awarded upon promotion to Master Sergeant only to Marines holding MOS 0619, 0629, or 0659.

(4) Active duty Marines must have 2 years of active duty upon completion of training.

c. Requirements

(1) This MOS is awarded upon promotion to Master Sergeant only to Marines holding MOS 0619, 0629, or 0659.

(2) Upon promotion to Master Sergeant, Marines holding MOS 0699 are expected to attend the Communications Chief Course conducted at MCCES 29 Palms, CA

d. Duties. For a complete listing of duties and tasks, refer to reference (k), Communications Training and Readiness Manual.


f. Related Military Skill

(1) Telecommunications Systems Chief, 0619.
(2) Radio Chief, 0629.
(3) Cyber Network Systems Chief, 0659.
(4) Information Security Technician, 0681.
(5) Computer Network Defense Specialist, 0689.
<table>
<thead>
<tr>
<th>MOS</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>GYSGT</td>
<td>Tactical Switching Operator (PMOS)</td>
</tr>
<tr>
<td>MSgt</td>
<td>Telecommunications Systems Chief (PMOS)</td>
</tr>
<tr>
<td>SSgt</td>
<td>Field Radio Operator (PMOS)</td>
</tr>
<tr>
<td>GySGT</td>
<td>Tropospheric Scatter Radio Multi-channel Equipment Operator (PMOS)</td>
</tr>
<tr>
<td>SSGT</td>
<td>Satellite Communications Operator (PMOS)</td>
</tr>
<tr>
<td>Sgt</td>
<td>Radio Chief (PMOS)</td>
</tr>
<tr>
<td>CPL</td>
<td>Cyber Network Operator (PMOS)</td>
</tr>
<tr>
<td>LCPL</td>
<td>Cyber Network Systems Chief (PMOS)</td>
</tr>
<tr>
<td>PFC</td>
<td>Information Security Technician (PMOS)</td>
</tr>
<tr>
<td>Pvt</td>
<td>Communications Chief (PMOS)</td>
</tr>
</tbody>
</table>

Figure 3-6.--Communications
### MOS Title

- **0613** Construction Wireman (NMOS)
- **0622** Digital (Multi-channel) Wideband Transmission Equipment Operator (NMOS)
- **0648** Spectrum Manager (NMOS)
- **0652** Certification Authority Workstation (CAW) Operator (NMOS)
- **0653** Defense Message System (DMS) Specialist (NMOS)

### Figure 3-6: Communications

- **3-106**
- **Enclosure (1)**
**MOS 0612, Tactical Switching Operator (PMOS)**

<table>
<thead>
<tr>
<th>Rank</th>
<th>Required Training</th>
<th>MOS Assignment</th>
</tr>
</thead>
<tbody>
<tr>
<td>SGT</td>
<td>Telephone Systems Installer/ Maintainers Course</td>
<td>OPFOR: Div HQ/MAW/MLG/Comm Bn SE: MCB/MCCDC/MCCES</td>
</tr>
<tr>
<td>CPL</td>
<td>Telephone Systems Installer/ Maintainers Course</td>
<td>OPFOR: Div HQ/MAW/MLG/Comm Bn SE: MCB/MCCDC/MCCES</td>
</tr>
<tr>
<td>LCPL</td>
<td>Telephone Systems Installer/ Maintainers Course</td>
<td>OPFOR: Div HQ/MAW/MLG/Comm Bn SE: MCB/MCCDC/MCCES</td>
</tr>
<tr>
<td>PFC</td>
<td>Telephone Systems Installer/ Maintainers Course</td>
<td>OPFOR: Div HQ/MAW/MLG/Comm Bn SE: MCB/MCCDC/MCCES</td>
</tr>
<tr>
<td>PVT</td>
<td>Telephone Systems Installer/ Maintainers Course</td>
<td>OPFOR: Div HQ/MAW/MLG/Comm Bn SE: MCB/MCCDC/MCCES</td>
</tr>
</tbody>
</table>

**MOS 0613, Construction Wireman (NMOS)**

<table>
<thead>
<tr>
<th>Rank</th>
<th>Required Training</th>
<th>MOS Assignment</th>
</tr>
</thead>
<tbody>
<tr>
<td>SGT</td>
<td>Communications Cable and Antenna Systems Apprentice Course</td>
<td>OPFOR: Div HQ/MAW/MLG/Comm Bn SE: MCB</td>
</tr>
<tr>
<td>CPL</td>
<td>Communications Cable and Antenna Systems Apprentice Course</td>
<td>OPFOR: Div HQ/MAW/MLG/Comm Bn SE: MCB</td>
</tr>
<tr>
<td>LCPL</td>
<td>Communications Cable and Antenna Systems Apprentice Course</td>
<td>OPFOR: Div HQ/MAW/MLG/Comm Bn SE: MCB</td>
</tr>
</tbody>
</table>

Figure 3-6.--Communications

3-107 Enclosure (1)

PFC Communications Cable and Antenna Systems Apprentice Course

PVT Communications Cable and Antenna Systems Apprentice Course

MOS 0619, Telecommunications Systems Chief (PMOS)


MOS 0621, Field Radio Operator PMOS


CPL Required Training: Field Radio Operator Course
Skill Enhancement: Enhanced Positioning Location Reporting System (EPLRS) Operator Course
MOS Assignment: OPFOR: Div HQ/MAW/MLG/Comm Bn/HQ
SE: MCB/MCCDC/MCAGCC

LCPL Required Training: Field Radio Operator Course
Skill Progression: Support Wide Area Network (SWAN) RF Incidental Operator Course
MOS Assignment: OPFOR: Div HQ/MAW/MLG/Comm Bn/HQ
SE: MCB/MCCDC/MCAGCC

PFC Required Training: Field Radio Operator Course
Skill Progression: Support Wide Area Network (SWAN) RF Incidental Operator Course
MOS Assignment: OPFOR: Div HQ/MAW/MLG/Comm Bn/HQ
SE: MCB/MCCDC/MCAGCC

PVT Required Training: Field Radio Operator Course
Skill Progression: Support Wide Area Network (SWAN) RF Incidental Operator Course
MOS Assignment: OPFOR: Div HQ/MAW/MLG/Comm Bn/HQ
SE: MCB/MCCDC/MCAGCC

MOS 0622, Digital (Multi-channel) Wideband Transmission Equipment Operator (NMOS)

SGT Required Training: Digital Multi-Channel Wideband Transmission Equipment Operator Course
Skill Progression: OPFOR: MAW/Com Bn/HQ/Div/MLG
MOS Assignment: SE: MCB/MCCDC/MCAGCC

CPL Required Training: Digital Multi-Channel Wideband Transmission Equipment Operator Course
Skill Progression: OPFOR: MAW/Com Bn/HQ/Div/MLG
MOS Assignment: SE: MCB/MCCDC/MCAGCC

LCPL Required Training: Digital Multi-Channel Wideband Transmission Equipment Operator Course
Skill Progression: OPFOR: MAW/Com Bn/HQ/Div/MLG
MOS Assignment: SE: MCB/MCCDC/MCAGCC

PFC Required Training: Digital Multi-Channel Wideband Transmission Equipment Operator Course

Figure 3-6.--Communications (continued)
MOS 0623, Tropospheric Scatter Radio Multi-channel Equipment Operator (PMOS)

SGT
Required Training: Tropospheric Scatter Radio Multi-channel Equipment
Skill Progression:
Skill Enhancement:
MOS Assignment: OPPOR: HQ/MAW/Comm Bn
SE: None

CPL
Required Training: Tropospheric Scatter Radio Multi-channel Equipment Operator Course
Skill Progression:
Skill Enhancement:
MOS Assignment: OPPOR: HQ/MAW/Comm Bn
SE: None

LCPL
Required Training: Tropospheric Scatter Radio Multi-channel Equipment Operator Course
Skill Progression:
Skill Enhancement: Tropospheric Scatter Radio Multi-channel Equipment Supervisor Course
MOS Assignment: OPPOR: HQ/MAW/Comm Bn
SE: None

PFC
Required Training: Tropospheric Scatter Radio Multi-channel Equipment Operator Course
Skill Progression:
Skill Enhancement: Tropospheric Scatter Radio Multi-channel Equipment Supervisor Course
MOS Assignment: OPPOR: HQ/MAW/Comm Bn
SE: None

PVT
Required Training: Tropospheric Scatter Radio Multi-channel Equipment Operator Course
Skill Progression:
Skill Enhancement: Tropospheric Scatter Radio Multi-channel Equipment Supervisor Course
MOS Assignment: OPPOR: HQ/MAW/Comm Bn
SE: None

Figure 3-6. --Communications (continued)
### MOS 0627, Satellite Communications Operator (PMOS)

<table>
<thead>
<tr>
<th>Rank</th>
<th>Required Training</th>
<th>Skill Progression</th>
<th>Skill Enhancement</th>
<th>MOS Assignment</th>
</tr>
</thead>
<tbody>
<tr>
<td>SGT</td>
<td>Introduction to Satellite Communications Course</td>
<td></td>
<td>Lightweight Multi-Band Satellite Terminal Operator Maintainer Course</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>Phoenix Satellite Terminal Operator/Maintainer Course</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>SMART-T Operator/Maintainer Course</td>
<td></td>
</tr>
<tr>
<td>CPL</td>
<td>Introduction to Satellite Communications Course</td>
<td></td>
<td>Lightweight Multi-Band Satellite Terminal Operator Maintainer Course</td>
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<td>Introduction to Satellite Communications Course</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>SMART-T Operator/Maintainer Course</td>
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</tbody>
</table>

**OPFOR:** Comm Bn  
**SE:** USA Signal School

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**Figure 3-6.** Communications (continued)

3-111 Enclosure (1)
Skill Progression:
Skill Enhancement:
MOS Assignment:  
OPFOR: Comm Bn
SE: USA Signal School

PVT  
Required Training:  
Introduction to Satellite Communications Course  
Lightweight Multi-Band Satellite Terminal Operator Maintainer Course  
Phoenix Satellite Terminal Operator/Maintainer Course  
SMART-T Operator/Maintainer Course

MOS 0629, Radio Chief, PMOS

GYSGT  
Required Training:  
Military Comm Planning Course  
Joint Automated CEOR System (JACS) Course

SSGT  
Required Training:  
Military Comm Planning Course  
Joint Automated CEOR System (JACS) Course

MOS 0648, Spectrum Manager (NMOS) (0629, 0699, 2651, 5939)

MGYSGT  
Required Training:  
Electromagnetic Spectrum Management Course  
Joint Task Force Spectrum Management Course

MSGT  
Required Training:  
Electromagnetic Spectrum Management Course

Figure 3-6.--Communications (continued)
<table>
<thead>
<tr>
<th>Rank</th>
<th>Required Training</th>
<th>Skill Progression</th>
<th>Skill Enhancement</th>
<th>MOS Assignment</th>
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<tr>
<td>CPL</td>
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<td>Data Network Specialist Course</td>
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MOS 0651, Cyber Network Operator (PMOS)

SGT Required Training: Data Network Specialist Course
Skill Progression: Data Network Specialist Course
Skill Enhancement: Data Network Specialist Course
MOS Assignment: OPFOR: Div HQ/MAW/MLG/Comm Bn SE: Joint/MCCES/HQMC/MCB

Figure 3-6.--Communications (continued)
MOS 0652 Certification Authority Workstation (CAW) Operator (FMOS)

SGT
Required Training: CAW Administrator Course
Skill Progression:
Skill Enhancement:
MOS Assignment: OPPOR: Div/MAW/Comm Bn
SE: MCB

CPL
Required Training: CAW Administrator Course
Skill Progression:
Skill Enhancement:
MOS Assignment: OPPOR: Div/MAW/Comm Bn
SE: MCB

MOS 0653, Defense Message System Specialist (NMOS)

SGT
Required Training: Defense Message System Course
Skill Progression:
Skill Enhancement:
MOS Assignment: OPPOR: Div/HQ/MAW/MLG/Comm Bn
SE: Joint Staff/HQMC/MCB

CPL
Required Training: Defense Message System Course
Skill Progression:
Skill Enhancement:
MOS Assignment: OPPOR: Div/HQ/MAW/MLG/Comm Bn
SE: Joint Staff/HQMC/MCB

LCPL
Required Training: Defense Message System Course
Skill Progression:
Skill Enhancement:
MOS Assignment: OPPOR: Div/HQ/MAW/MLG/Comm Bn
SE: Joint Staff/HQMC/MCB

PFC
Required Training: Defense Message System Course
Skill Progression:
Skill Enhancement:
MOS Assignment: OPPOR: Div/HQ/MAW/MLG/Comm Bn
SE: Joint Staff/HQMC/MCB

PVT
Required Training: Defense Message System Course
Skill Progression:
Skill Enhancement: Joint Staff/HQMC/MCB
MOS Assignment: OPPOR: Div/HQ/MAW/MLG/Comm Bn
SE: Joint Staff/HQMC/MCB

MOS 0659, Cyber Network Systems Chief (PMOS)

GYSGT
Required Training:
Skill Progression:
Skill Enhancement:
MOS Assignment: OPPOR: Div/HQ/MAW/MLG/Comm Bn
SE: MCCES/HQMC/MCG

Figure 3-6.--Communications (continued)
SSGT
Required Training:
Skill Progression:
Skill Enhancement:
MOS Assignment: 
OPFOR: Div/HQ/MAWMLG/Comm Bn
SE: MCCES/HQMC/ MCG

MOS 0681, Information Security Technician (PMOS)

MGYSGT Required Training: Electronic Key Systems Management Courses
Skill Progression:
Skill Enhancement:
MOS Assignment: 
OPFOR: Div/HQ/MAW/MLG
SE: Joint/HQMC/MCB

MSGT Required Training: Electronic Key Systems Management Courses
Skill Progression:
Skill Enhancement:
MOS Assignment: 
OPFOR: Div/HQ/MAW/MLG
SE: Joint/HQMC/MCB

GYSGT Required Training: Electronic Key Systems Management Courses
Skill Progression:
Skill Enhancement:
MOS Assignment: 
OPFOR: Div/HQ/MAW/MLG
SE: Joint/HQMC/MCB

SSGT Required Training: Electronic Key Systems Management Courses
Skill Progression:
Skill Enhancement:
MOS Assignment: 
OPFOR: Div/HQ/MAW/MLG
SE: Joint/HQMC/MCB

MOS 0689, Cyber Security Technician (PMOS)

MGYSGT Required Training: Information Assurance Technician Course
Skill Progression:
Skill Enhancement:
MOS Assignment: 
OPFOR: Div/HQ/MAW/MLG
SE: Joint/HQMC/MCB

MSGT Required Training: Information Assurance Technician Course
Skill Progression:
Skill Enhancement:
MOS Assignment: 
OPFOR: Div/HQ/MAW/MLG
SE: Joint/HQMC/MCB

Figure 3-6.--Communications (continued)

3-115 Enclosure (1)
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**MOS 0699, Communications Chief (PMOS)**

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<td>MSGT</td>
<td>Joint C4 Planners Course</td>
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Figure 3-6.--Communications (continued)
1. Introduction. The field artillery OccFld is divided among three functional areas: firing battery, field artillery operations, and field artillery observation/liaison. Qualifications include ability and learned skills to operate and maintain artillery equipment; basic technical and mathematical skills for computing, communicating, and executing fire commands; ability and attitudes supporting life and close work with others in a field environment; and performing duties involving hard technical skills as well as administrative and managerial skills. The duties that must be learned vary by functional area. Firing battery includes moving, emplacing, loading, firing, protecting, and maintaining field artillery cannon weapons systems. Field artillery operations involve moving, emplacing, operating, protecting, and maintaining equipment which acquires targets; provides, relates, and evaluates gun and target survey information, meteorological data, weapon system performance; and integrating these factors into orders and communicating these orders to the firing battery. Field artillery observation and liaison include checking and analyzing combat plans and communicating appropriate advice, planning and operating information to coordinate the fires of field artillery and naval guns with infantry and armor combat maneuvers; observing and reporting targets and other battlefield information; and adjusting observed fires on targets. Types of entry-level jobs include work as field artillery batteryman or cannoneer, radar operator, fire control man, meteorological man and, as a fire support man, spotting fires of artillery and naval gunfire. Formal schooling or field skills training is provided to Marines entering the OccFld. Because field artillery is the primary supporting arm for Marine Infantry and Armor, most of its billets are in FMF ground organizations. The Marine artilleryman finds most assignment opportunities similar to the wide variety of billets available to those in other combat and combat support fields at all staff levels of the division and in various free billets. Marines entering this OccFld receive MOS 0800, Basic Field Artillery Man, and under instruction and close supervision, perform routine duties incident to the firing, operation, and maintenance of field artillery pieces and related equipment. These Marines are trained for one of the MOSs in the field artillery OccFld and participate in routine functioning and tactical employment of the unit to which attached.

2. MOS 0811, Field Artillery Cannoneer (MGySgt to Pvt) PMOS

   a. Summary. As a member of a field artillery howitzer battery, cannoneers prepare artillery pieces and equipment for movement, combat, and firing. They inspect and prepare ammunition for firing, and perform the various jobs incident to firing such as, laying for elevation and deflection, loading the piece, and handling ammunition. Field artillery cannoneers perform preventive maintenance and clean artillery pieces and equipment. They make routine tests and authorize repairs to equipment. Camouflage position, protect equipment from chemical warfare agents, and construct field fortifications. Staff sergeants are required to attend the Marine Corps Cannon Crewman Advance Course (A20AQK1) at Ft Sill, OK.

   b. Prerequisites. Must possess a GT score of 90 or higher.

   c. Requirements. Complete the USMC Cannon Crewman Course and demonstrate qualification through performance for MOS 0811; or completion of the appropriate MCI courses and demonstrate qualification through MOJT.
d. Duties. For a complete listing of duties and tasks, refer to reference (f), Artillery Training and Readiness (T&R) Manual.

e. Related Standard Occupational Classification (SOC) Title and Code

   (1) First-Line Supervisors/Managers of Weapon Specialists/Crewmembers 55-2012.

   (2) Artillery and Missile Crewmember 55-3014.

f. Related Military Skill. None.

3. MOS 0814, High Mobility Artillery Rocket System (HIMARS) Operator (MGySgt to PVT) NMOS (0811)

   a. Summary. As a member of a HIMARS Battery, operators prepare the HIMARS for movement, combat, and firing. They inspect and prepare the launcher system for employment to include movement to and from concealment positions and firing positions, operate the fire control systems, and handle multiple launch rocket system (MLRS) family of munitions (MFOM). HIMARS operators perform preventative maintenance and clean system components. They make routine tests and authorized repairs to HIMARS. They provide security, camouflage positions, and protect HIMARS from chemical warfare agents. This MOS will be assigned by the CMC (MM).

   b. Prerequisites

      (1) Must be a U.S. Citizen.

      (2) Must possess a GT score of 90 or higher.

      (3) Security requirement: Secret security clearance eligibility.

   c. Requirements

      (1) Must be assigned the primary MOS 0811 through either completing the USMC Cannon Crewman Course or completion of the appropriate MCI courses and demonstrate qualification through MOJT.

      (2) Complete the Marine Corps HIMARS Crewman Course and demonstrate qualification through performance for MOS 0814; or demonstrated qualification through MOJT.

   d. Duties. For a complete listing of duties and tasks, refer to reference (m), Artillery Training and Readiness Manual.

   e. Related Standard Occupational Classification (SOC) Title and Code

      (1) First-Line Supervisors/Managers of Weapon Specialist/Crewmembers 55-2012.

      (2) Artillery and Missile Crewmember 55-3014.

   f. Related Military Skill. None.

4. MOS 0842, Field Artillery Radar Operator (Sgt to Pvt) PMOS

   a. Summary. Field Artillery Radar Operators perform the duties required to emplace, operate, and displace counterfire radar systems. Other duties
include operating military vehicles, generator assets, communications equipment, establishing radio networks for voice and digital communications, and performing hasty survey techniques. Radar operators also work in the artillery target processing centers. These duties include operating fire support systems that process counterfire/artillery target intelligence and manage radar assets in the field.

b. Prerequisites

(1) Must be a U.S. Citizen.
(2) Must possess a GT score of 105 or higher.
(3) Security requirement: Secret security clearance eligibility.

c. Requirements

(1) Complete the Field Artillery Firefinder Radar Operator Course.
(2) This MOS will be retained as an additional MOS upon promotion to staff sergeant in MOS 0848.

d. Duties. For a complete listing of duties and tasks, refer to reference (m), Artillery Training and Readiness (T&R) Manual.


f. Related Military Skill. None.

5. MOS 0844, Field Artillery Fire Control Man (Sgt to Pvt) PMOS

a. Summary. Field Artillery Fire Control Men perform duties essential to the delivery of accurate artillery fire. Typical duties include preparation of fire control equipment for movement and operation, performance of detailed survey operations, performance of preventive maintenance, routine testing, authorized minor repairs to survey and fire control equipment, and operation of field communications equipment. Fire control computation includes the use of computer equipment systems, plotting survey data on firing charts, determination of target coordinates, and the conversion to target coordinates and observer's reports into firing data and commands. MOS 0844 is assigned upon completion of formal school. Upon promotion to staff sergeant and the appropriate formal school, the 0844 will be designated MOS 0848.

b. Prerequisites

(1) Must be a U.S. Citizen.
(2) Must possess a GT score of 105 or higher.
(3) Security requirement: Secret security clearance eligibility.

c. Requirements

(1) Complete the Field Artillery Fire Control Man Course.
(2) This MOS will be retained as an additional MOS upon promotion to staff sergeant in MOS 0848.
6. MOS 0847, Field Artillery Sensor Support Man (Sgt to Pvt) PMOS
   a. Summary. Field Artillery Sensor Support Men assist in the delivery of accurate artillery fires and prosecution of counter fire fight by developing weather data for artillery ballistic computations, performing survey operations, and operating acoustic and electronic counter fire assets. Duties include preparing and operating weather observation equipment such as theodolites and surface sensors, measuring atmospheric readings; preparing and operating survey equipment such as inertial navigation systems, global positioning system receivers, theodolites and electronic distance measuring equipment. Additionally, the 0847 will prepare and operate acoustic sensors and electronic radar systems for employment in the counter fire fight. Other duties include operating computer systems for computations, digital communications, command and control, and imagery development. MOS 0847 is assigned upon completion of formal school. Upon promotion to staff sergeant and the appropriate formal school, the 0847 will be designated MOS 0848.
   b. Prerequisites
      (1) Must be a U.S. Citizen.
      (2) Must possess a GT score of 105 or higher.
      (3) Security requirement: Secret security clearance eligibility.
   c. Requirements. Complete the Marine Artillery Sensor Support Man Course, Ft Sill, OK.
   d. Duties. For a complete listing of duties and tasks, refer to reference (m), Artillery Training and Readiness (T&R) Manual.
   f. Related Military Skill. None.

7. MOS 0848, Field Artillery Operations Man (MGySgt to SSgt) PMOS
   a. Summary. Field Artillery Operations Men perform the various duties associated with the operation of a field artillery and mortar fire direction center; operations or training section; artillery sensor section; survey section. Duties include preparing personnel and equipment for movement and operation; assisting in location of fire direction center in the field; maintaining a situation map, operations journal, and survey records; performing duties incident to the preparation, reproduction, and distribution of operations orders, training orders, memoranda, schedules, status reports, and S-3 periodic reports; preparing operations maps and overlays; assisting in the establishment and operation of artillery meteorological stations, direct atmospheric meteorological observation interpreting, evaluating and distributing atmospheric data; performing duties incident to execution
of sensor plans essential to proper employment of field artillery; assisting in installation, orientation, operation, and maintaining target acquisition radar equipment; and training personnel in radar, meteorological, survey, acoustic, and fire direction procedures. All records for this MOS must be maintained according to NARA-approved dispositions per references (cu) and (cv).

b. **Prerequisites**

(1) Must possess a GT score of 105 or higher.

(2) Security requirement: Secret security clearance eligibility.

c. **Requirements.** Complete the Marine Artillery Operations Chief Course, Ft Sill, OK and qualify in MOS 0842, 0844, or 0847.

d. **Duties.** For a complete listing of duties and tasks, refer to reference (m), Artillery Training and Readiness (T&R) Manual.


8. **MOS 0861, Fire Support Man (MGySgt to Pvt) PMOS**

   a. **Summary.** Fire Support Men perform duties incident to the planning, observation, conduct, and control of artillery and naval gunfire. These duties include planning, calling for, integrating, coordinating, observing and adjusting artillery (cannon, rocket, missile) and NSFS, employment of LASER designators, range finders, and LASER guided munitions and coordination of lethal and non-lethal fire support assets to include mortars, artillery (cannon, rocket, missile), NSFS, Fixed and Rotary wing CAS. These duties also include operating communications equipment, establishing radio networks for voice and digital communications, as well as operating Marine Corps fire support systems.

   b. **Prerequisites**

   (1) Must be a U.S. Citizen.

   (2) Must possess a GT score of 100 or higher.

   (3) Must have normal color vision, and vision correctable to 20/20.


   c. **Requirements**

   (1) Complete the Marine Artillery Scout Observer Course, Ft Sill, OK.

   (2) Complete the Fire Support Man Course, EWTGPAC, Coronado, CA.

   d. **Duties.** For a complete listing of duties and tasks, refer to reference (m), Artillery Training and Readiness (T&R) Manual.

   e. **Related Standard Occupational Classification (SOC) Title and Code.** Artillery and Missile Crew Member 55-3014.
f. **Related Military Skill**
   
   (1) Field Artillery Radar Operator, 0842.
   
   (2) Field Artillery Fire Control Man, 0844.
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<td>High Mobility Artillery Rocket System (HIMARS) Operator (NMOS)</td>
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Figure 3-7.--Field Artillery
MOS 0811, Field Artillery Cannoneer (PMOS)

MGYSGT  Required Training: 
Skill Progression: 
Skill Enhancement: 
MOS Assignment: 
OPFOR: Arty Regt 
SE: Ft Sill, HQMC PP&O (POG)

MSGT  Required Training: 
Skill Progression: 
Skill Enhancement: 
MOS Assignment: 
OPFOR: Arty Bn 
SE: I&I Staff

GYSGT  Required Training: 
Skill Progression: 
Skill Enhancement: 
MOS Assignment: 
OPFOR: Arty Bn/Btry 
SE: Ft Sill/TBS/RCTG/MCRD/I&I Staff/ MCI/HQMC/ MTN Warfare Trng

SSGT  Required Training: Marine Corps Cannon Crewman Advance Course (CID: A20AQK1) 
Skill Progression: 
Skill Enhancement: 
MOS Assignment: 
OPFOR: Arty Btry 
SE: Ft Sill/TBS/RCTG/MCRD

SGT  Required Training: 
Skill Progression: 
Skill Enhancement: 
MOS Assignment: 
OPFOR: Arty Regt/Btry 
SE: Ft Sill/TBS/RCTG/MCRD/MB GITMO/ MCB Camp Pendleton

CPL  Required Training: 
Skill Progression: 
Skill Enhancement: 
MOS Assignment: 
OPFOR: Arty Btry 
SE: Ft Sill/TBS/MCTG/ MCRD

LCPL  Required Training: USMC Cannon Crewman Course 
Skill Progression: 
Skill Enhancement: 
MOS Assignment: 
OPFOR: Arty Btry 
SE: TBS

PFC  Required Training: USMC Cannon Crewman Course 
Skill Progression: 
Skill Enhancement: 
MOS Assignment: 
OPFOR: Arty Btry 
SE: TBS

PVT  Required Training: USMC Cannon Crewman Course 
Skill Progression: 
Skill Enhancement: 

Figure 3-7.--Field Artillery

3-124 Enclosure (1)
MOS 0814, High Mobility Artillery Rocket System (HIMARS) Operator (NMOS)

**MGYSGT**
- Required Training:
- Skill Progression:
- Skill Enhancement:
- MOS Assignment: OPFOR: Arty Bn/Regt
  SE: Ft Sill

**MSGT**
- Required Training:
- Skill Progression:
- Skill Enhancement:
- MOS Assignment: OPFOR: Arty Bn
  SE: I&I Staff

**GYSGT**
- Required Training:
- Skill Progression:
- Skill Enhancement:
- MOS Assignment: OPFOR: Arty Bn/Btry
  SE: Ft Sill/TBS/RCTG/MCRD/I&I Staff/MCI/HQMC/MTN Warfare Trng

**SSGT**
- Required Training:
- Skill Progression:
- Skill Enhancement: Marine Corps Cannon Crewman Advance Course
- MOS Assignment: OPFOR: Arty Btry
  SE: Ft Sill/TBS/RCTG/MCRD

**SGT**
- Required Training:
- Skill Progression:
- Skill Enhancement:
- MOS Assignment: OPFOR: Arty Regt/Btry
  SE: Ft Sill/TBS/RCTG/MCRD/MB GITMO/MCB Camp Pendleton

**CPL**
- Required Training:
- Skill Progression:
- Skill Enhancement:
- MOS Assignment: OPFOR: Arty Btry
  SE: Ft Sill/TBS/RCTG/MCRD

**LCPL**
- Required Training: USMC Cannon Crewman Course HIMARS Operator Course
- Skill Progression:
- Skill Enhancement:
- MOS Assignment: OPFOR: Arty Btry
  SE: TBS

**PFC**
- Required Training: USMC Cannon Crewman Course HIMARS Operator Course

Figure 3-7.--Field Artillery (continued)
Figure 3-7.--Field Artillery (continued)

MOS 0842, Field Artillery Radar Operator (PMOS)

**SGT**
- Required Training: Field Artillery Firefinder Radar Operators Course
- Skill Progression: Marine Artillery Sensor Support Man Course
- Skill Enhancement: Marine Artillery Sensor Support Man Course
- MOS Assignment: OPFOR: Arty Btry
  SE: Ft Sill/I&I Staff

MOS 0844 Field Artillery Fire Control Man (PMOS)

**SGT**
- Required Training: Field Artillery Firefinder Radar Operators Course
- Skill Progression: Marine Artillery Sensor Support Man Course
- Skill Enhancement: Marine Artillery Sensor Support Man Course
- MOS Assignment: OPFOR: Arty Btry
  SE: Ft Sill/I&I Staff

**PVT**
- Required Training: USMC Cannon Crewman Course HIMARS Operator Course
- Skill Progression: Marine Artillery Sensor Support Man Course
- Skill Enhancement: Marine Artillery Sensor Support Man Course
- MOS Assignment: OPFOR: Arty Btry
  SE: Ft Sill/I&I Staff
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**MOS 0847, Field Artillery Sensor Support Man**

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Figure 3-7.--Field Artillery (continued)
Skill Progression:  
Skill Enhancement:  
MOS Assignment:  
OPFOR: Artillery (PMOS)
Skill Enhancement:
- Joint Targeting Staff Course
- Joint Targeting Application Course
- Joint Fires and Effects Course
- Combat Targeting Course
- MAGTF (C5) Fire Support Course, EWTPAC

MOS Assignment:
- Joint IO Orientation Course
- OPFOR: MEF/Arty Regt
- SE: Ft Sill/MAWTS-1

MSGT

Required Training:

Skill Progression:

Skill Enhancement:
- Joint Targeting Staff Course
- Joint Targeting Application Course
- Joint Fires and Effects Course
- Combat Targeting Course
- MAGTF (C5) Fire Support Course, EWTPAC
- Joint IO Orientation Course
- TMO Instructor Course

MOS Assignment:
- OPFOR: Arty Regt/MEF/Div/ANGLICO
- SE: I&I Staff/EWTGs/HQMC PP&O/TTECG/MARSOC

GYSGT

Required Training:

Skill Progression:

Skill Enhancement:
- Joint Targeting Staff Course
- Joint Targeting Application Course
- Joint Fires and Effects Course
- Combat Targeting Course
- MAGTF (C5) Fire Support Course, EWTPAC
- Joint IO Orientation Course
- TMO Instructor Course

MOS Assignment:
- OPFOR: MEF/Arty Regt/Arty Bn/ANGLICO/Recon Bn/Tank Bn
- SE: I&I/RCTG/MCRD/EWTGs/TM6/MARSOC/MCTOG/Ft Sill

Figure 3-7.--Field Artillery (continued)
SSGT

Required Training:
- Marine Fire Support Chief Course
- Marine Corps Field Artillery Fire Support Chiefs Course

Skill Progression:
- Joint Targeting Staff Course
- Joint Targeting Application Course
- Joint Fires and Effects Course
- Combat Targeting Course
- MAGTF (C5) Fire Support Course, EWTGPAC

Skill Enhancement:
- Joint Terminal Attack Controller
- Distance Learning Course
- Tactical Air Control Party Course
- Joint IO Orientation Course

MOS Assignment:
- TMO Instructor Course
- OPFOR: Arty Regt/Arty Bn/MEF/ANGLICO/MEU/Inf Bn/Tank Bn/LAR Bn
- SE: RCTG/MCRD/MSG/EWTG/Ft Sill/MARSOC

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SGT

Required Training:
- Joint Terminal Attack Controller
- Distance Learning Course
- Tactical Air Control Party Course

Skill Progression:
- Marine Corps Field Artillery Fire Support Chiefs Course
- Joint Targeting Staff Course
- Joint Targeting Application Course
- Joint Fires and Effects Course
- Combat Targeting Course
- MAGTF (C5) Fire Support Course, EWTGPAC

Skill Enhancement:
- Joint IO Orientation Course
- C2P2 System Administrator Course
- AFATDS System Administrator Course
- JADOCS System Administrator Course
- TMO Operators Course

Figure 3-7.--Field Artillery (continued)

3-130 Enclosure (1)
| MOS Assignment | OPFOR: Arty Regt/Arty Bn/MEF/ANGLICO/Inf Bn/Tank Bn/LAR Bn | SE: EWTG/RCTG/MCRD/MSG |
|---------------|--------------------------------------------------------------|
| CPL Required Training: | Joint Fires Observer Course |
| Skill Progression: | Fire Support Development Course (ATS) |
| Skill Enhancement: | Fire Support Coordination Course, EWTG/LANT |
| | C2P2 System Administrator Course |
| | AFATDS System Administrator Course |
| | JADOCS System Administrator Course |
| MOS Assignment: | TMO Operators Course |
| | OPFOR: Arty Regt/Arty Bn/MEF/ANGLICO/Tank Bn/LAR Bn |
| | SE: RCTG/MCRD/MSG/MARSOC |
| LCPL Required Training: | Marine Artillery Scout Observer |
| Skill Progression: | Fire Support Man Course |
| Skill Enhancement: | Joint Fires Observer Course |
| | C2P2 Operator Course |
| | AFATDS operator Course |
| | JADOCS Operator Course |
| | EMT User Course |
| | TMO Operators Course |
| MOS Assignment: | TLDHS Operator Course |
| | OPFOR: Arty Regt/Arty Bn/MEF/ANGLICO |
| | SE: MSG/MARSOC |
| PFC Required Training: | Marine Artillery Scout Observer |
| Skill Progression: | Fire Support Man Course |
| Skill Enhancement: | C2P2 Operator Course |
| | AFATDS Operator Course |
| | JADOCS Operator Course |
| | EMT User Course |
| | TMO Operators Course |
| | TLDHS Operator Course |

Figure 3-7.--Field Artillery (continued)
MOS Assignment: PVT
Required Training: MOS Assignment:
OPFOR: Arty Regt/Arty Bn/MEF/ANGLICO
SE: MSG/MARSOC

Marine Artillery Scout Observer

Fire Support Man Course

Skill Progression:
C2P2 Operator Course

Skill Enhancement:
AFATDS operator Course

TLDHS Operator Course

JADOCs Operator Course

EMT User Course

TMO Operators Course

MOS Assignment: TMO Operators Course

OPFOR: Arty Regt/Arty Bn/MEF/ANGLICO
SE: MSG/MARSOC

Figure 3-7.--Field Artillery (continued)

3-132 Enclosure (1)
3115. OCCUPATIONAL FIELD 09, TRAINING

1. Introduction. Occupational Field 09, Training, comprises MOSs used to identify Marines who possess skill sets to conduct vital training, particularly to entry-level Marines, as required by various high visibility Marine Corps programs. First exposure to Marine Corps training is provided by the drill instructor. Next contact is with the marksmanship coaches and instructors overseen by a range officer, swim instructors, martial arts instructors, and then Marine combat instructors. In the operating forces, training continues with the addition of small weapons instructors and martial arts instructor-trainers. These MOSs are sponsored by the Training and Education Command.

2. MOS 0911, Drill Instructor (SgtMaj/MGySgt to Sgt) EMOS
   a. Summary. Drill Instructors supervise and instruct or assist in commanding and instructing a recruit platoon. Once voided, this MOS may not be reassigned without prior approval from the CMC (MM).
   b. Prerequisites. Must meet the prerequisites prescribed in reference (ce), Special Duty Assignment for Independent Duty.
   c. Requirements. At the master sergeant to sergeant level, complete Drill Instructor School.
   d. Duties
      (1) Conducts recruit training for newly enlisted personnel following the recruit training schedules and orders.
      (2) Instructs and assists in training basic combat tasks to recruits.
      (3) Trains recruits in the fundamentals of service life and the development in the recruit of discipline, physical fitness, pride, and love of the Marine Corps and country.
      (4) Trains recruits in close order drill.
      (5) Instructs in nomenclature, disassembly, assembly, and functioning of small arms and assists in marksmanship instruction.
      (6) Instructs in general orders for sentinels, interior guard duty, personal hygiene, first aid, military bearing and neatness, and care of clothing and equipment.
      (7) Lectures on Marine Corps history and tradition, customs of the service, military courtesy, and U.S. Navy Regulations.
      (8) Assists in conduct of parades, reviews, and bayonet drill.
      (9) Maintains records and prepares reports in accordance with references (cu) and (cv).
   e. Related Standard Occupational Classification (SOC) Title and Code. Teachers and Instructors, All Other 25-3099.
3. MOS 0913, Marine Combat Instructor (GySgt to Cpl) EMOS (0311, 0313, 0321, 0331, 0341, 0352, 0369).

   a. **Summary.** The Marine Combat Instructor instructs and assists in the training of basic combat skills to entry level Marines to include: weapons handling, automatic weapons, munitions, combat conditioning, land navigation, communications, offensive/defensive tactics and scouting/patrolling. The Marine combat instructor reinforces core values instilled in recruit training by setting the superior example with professional conduct, knowledge, bearing and attitude, provides student performance counseling, assists in the conduct of parades and ceremonies, and maintains records and prepares reports in accordance with references (cu) and (cv).

   b. **Prerequisites**
      
      (1) Must meet the prerequisites prescribed in MCO 1510.XX.
      
      (2) Must meet the standards screening checklist of special assignments per MCO 13XX.
      
      (3) Must meet Marine Corps height, weight, and body fat standards.
      
      (4) Must be able to pass the Marine Corps Physical Fitness Test.
      
      (5) Must be tan belt certified in the Marine Corps Martial Arts Program.

   c. **Requirements.** See prerequisites.

   d. **Duties.** For a complete listing of duties and tasks, refer to Individual Training Standards.

   e. **Related Standard Occupational Classification (SOC) Title and Code.** Teachers and Instructors, All Other 25-3099.

   f. **Related Military Skill.** None.

4. MOS 0916, Martial Arts Instructor (MGySgt to Cpl) FMOS

   a. **Summary.** Martial Arts Instructors conduct training in principles of close combat and core values.

   b. **Prerequisites**
      
      (1) Must be a corporal or above.
      
      (2) Must qualify first class on the PFT.
      
      (3) Must be certified as gray belt or above.
      
      (4) No surgeries/broken bones in the past six months.
      
      (5) Must have recommendation of reporting senior.

   c. **Requirements**
      
      (1) Must complete the appropriate level PME for the grade.
(2) Successful completion of the CG TRNGCOM approved Martial Arts Instructor Course.

d. Duties

(1) Trains and certifies personnel in MBST for martial arts from tan through gray belt techniques.

(2) Assists martial arts instructor trainers in certifying and recertifying Martial Arts Instructors.

e. Related Standard Occupational Classification (SOC) Title and Code. Teachers and Instructors, All Other 25-3099.


5. MOS 0917, Martial Arts Instructor-Trainer (MGySgt to Sgt) FMOS

a. Summary. Martial Arts Instructor-Trainers train and certify martial arts instructors. Additionally, they provide instruction to all personnel in hand-held weapons, unarmed against hand-held weapons, weapons of opportunity, ground fighting, firearm disarmament, and principles of core values.

b. Prerequisites

(1) Must be sergeant or above.

(2) Must qualify first class on the PFT.

(3) Must be certified as a green belt or above in the MCMAP.

(4) No surgeries/broken bones in past six months.

(5) Must have completed the appropriate level PME for the grade.

(6) Must have recommendation of reporting senior.

c. Requirements

(1) Must have a minimum of six months as a certified Martial Arts Instructor (MOS 0916) prior to attendance to the Martial Arts Instructor Training Course at The Basic School.

(2) Successful completion of the Martial Arts Instructor-Trainer Course at TBS Quantico, VA.

d. Duties

(1) Trains personnel in martial arts techniques from tan through 1st Degree black belt and certifies through brown belt levels.

(2) Trains, certifies, and recertifies martial arts instructors under the CG, TRNGCOM approved Martial Arts Instructor Program of Instruction for Martial Arts Instructors.

e. Related Standard Occupational Classification (SOC) Title and Code. Teachers and Instructors, All Other 25-3099.

6. MOS 0918, Water Safety/Survival Instructor (MGySgt to Pvt) FMOS
   a. Summary. Water Safety/Survival Instructors supervise and conduct water safety and survival programs and instruct personnel in the techniques and methodology of water safety and survival.
   b. Prerequisites. See requirements.
   c. Requirements
      (1) Complete a Marine Corps or other approved water safety/survival instructor course.
      (2) Demonstrates current proficiency in the MOS.
   d. Duties
      (1) Plans, conducts, and supervises training and testing in water safety and survival.
      (2) Conducts or assists in conducting water safety and survival courses.
   e. Related Standard Occupational Classification (SOC) Title and Code. Teachers and Instructors, All Other 25-3099.

7. MOS 0931, Marksmanship Instructor (MGySgt to Sgt) FMOS *
   a. Summary. Marksmanship Instructors instruct in all phases of the Marine Corps Marksmanship Program on the qualification and requalification on small arms ranges. Additionally, they assist in the operation of firing ranges. This MOS may be assigned to a Marine or used as a billet designator.
   b. Prerequisites
      (1) Must have previously held MOS 0933.
      (2) Must be qualified on the service rifle and pistol.
   c. Requirements. Complete the Marksmanship Instructor Course (MIC) Program of Instruction as prescribed by CG MCCDC (C 468).
   d. Duties. For a complete listing of duties and tasks, refer to reference (bb), Marksmanship Individual Training Standards.
   e. Related Standard Occupational Classification (SOC) Title and Code. Teachers and Instructors, All Other 25-3099.
   f. Related Military Skill
      (1) Marksmanship Instructor, 0931.
      (2) Small Arms Weapons Instructor, 0932.
B. MOS 0932, Small Arms Weapons Instructor (MGySgt to Sgt) FMOS (0321)

  a. Summary. Small Arms Weapons Instructor conducts all phases of the Marine Corps Marksmanship training. They develop comprehensive marksmanship training plan based on commander's guidance. They conduct and supervise all small arms marksmanship-training evolutions in support of unit mission. This MOS may be assigned to a Marine or used as a billet designator.

  b. Prerequisites

     (1) Must possess MOS 0933, Marksmanship Coach.

     (2) Must be Sergeant through Gunnery Sergeant.

     (3) Must have met the MCCS standard for Land Navigation.

     (4) Must have a minimum of six years TIS upon reporting for instruction.

     (5) Must have a minimum of one year remaining to EAS upon completion of course.

  c. Requirements. See Prerequisites.

  d. Duties. For a complete listing of duties and tasks, refer to reference (bb), Marksmanship Individual Training Standards.

  e. Related Standard Occupational Classification (SOC) Title and Code. Teachers and Instructors, All Other 25-3099.

  f. Related Military Skill

     (1) Infantry Unit Leader, 0369.

     (2) Infantry Weapons Officer, 0306.

     (3) Range Officer, 0130.

     (4) Marksmanship Instructor, 0931.

9. MOS 0933, Marksmanship Coach (Sgt to PFC) FMOS

  a. Summary. Marksmanship Coaches analyze difficulties of shooters during dry and live fire exercises in all phases of the Marine Corps Marksmanship Program during qualification and re-qualification. Additionally they assist in the operation of firing ranges.

  b. Prerequisites. Must be qualified with the service rifle with a classification of sharpshooter or above.

  c. Requirements

     (1) Complete a Marksmanship Coach Course (MCC) Program of Instruction as prescribed by CG MCCDC (C 468).

     (2) Complete MCI 0367A, Marine Marksman.

  d. Duties. For a complete listing of duties and tasks, refer to reference (bb), Marksmanship Individual Training Standards.

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e. Related Standard Occupational Classification (SOC) Title and Code. Teachers and Instructors, All Other 25-3099.

f. Related Military Skill

(1) Marksmanship Instructor, 0931.

(2) Small Arms Weapons Instructor, 0932.
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<th>TITLE</th>
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<td>Marine Combat Instructor (EMOS)</td>
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<td>Water Safety/Survival Instructor (FMOS)</td>
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<td>Small Arms Weapons Instructor (EMOS)</td>
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<tr>
<td>0933</td>
<td>Marksmanship Coach (FMOS)</td>
</tr>
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</table>

**Figure 3-8.**--Training

3-139

Enclosure (1)
3116. OCCUPATIONAL FIELD 11, UTILITIES

1. Introduction. A utility is a provided service such as water, light, and power. The utilities OccFld is responsible for planning and providing strategic and tactical utilities support to all levels of all elements of the various MAGTFs, to include posts and stations, in any climate or place. This functional support includes establishment, operation, maintenance, and repair of electric power generation sites along with the inherent underground, above ground and overhead electric power distribution systems; water filtration/purification, storage and distribution sites; shower and laundry facilities; and heating, ventilation, air conditioning and refrigeration sites. In addition to maintaining and repairing their own equipment at the organizational and intermediate levels, Marines in this OccFld troubleshoot and repair water pumps on equipment used by other OccFlds; the air conditioning systems on all ground equipment; and the electrical systems on engineer and general supply equipment. Cantonment is supported with field sanitation, sewage, and waste disposal; and Humanitarian Assistance and Civil Military Operations are supported with plumbing, HVAC, and interior wiring installation and repair.

   a. Basic qualifications to work in this OccFld include manual dexterity, normal color vision, and the ability to understand involved technical material. Formal schooling is mandatory prior to assignment of any utilities MOS. Marines entering the utilities field are assigned MOS 1100, Basic Utilities Marine, and attend formal schooling to gain the specific skills required to qualify for one of the designated MOSs. These skills are further developed by individual and team training, to include some cross training between MOSs, while in the Operating Forces. Later in the Marine's career, advanced formal schooling may be provided leading to assignment as a Section Chief, Utilities Chief, or appointment as a Utilities Officer.

   b. Skills acquired in OccFld 11 are directly transferable to civilian occupations upon leaving military service. The opportunity to participate in a formal apprenticeship program leading to certification as a Journeyman Worker by the U.S. Department of Labor is available to all basic MOSs within the OccFld; refer to reference (ct), OPNAVINST 1560.10C for specific information concerning the United Services Military Apprenticeship Program (USMAP). Additional information and assistance on apprenticeships are available from local education offices.

2. MOS 1141, Electrician (SSgt to Pvt) PMOS

   a. Summary. Using knowledge of electrical theory and concepts, electricians install, operate, maintain, and repair underground, above ground, and overhead electrical power distribution systems. Additionally, electricians operate and perform organizational level maintenance on electrical power generation equipment, load banks, and floodlight sets. When on Humanitarian Assistance and Civil Military Operations, they install and repair interior wiring in buildings. These duties may include installing hardware, including cross-arms, insulators, and lightning arresters; assembling/erecting and climbing utility poles; stringing wire conductors; measuring, cutting, bending, assembling, and installing electric conduit; installing control and distribution apparatus, such as switches, relays, and circuit breakers; testing circuits for continuity, compatibility, and safety, including ground of components, using test instruments such as multi-meters and ohmmeters; and installing and repairing electric fixtures. Noncommissioned officers are afforded the opportunity to attend the Advanced
Electrician Course that provides in-depth instruction on the requirements of the National Electric Code and the planning of electrical support to include determining demand, phase balancing, and voltage drops. An apprenticeship program, leading to U.S. Department of Labor certification as a Journeyman Worker, is available to electricians under the United Services Military Apprenticeship Program (USMAP).

b. Prerequisites
   (1) Must possess an EL score of 90 or higher.
   (2) Must have normal color vision.

c. Requirements. Complete the Basic Electrician Course (M0311B2), Marine Corps Engineer School, Camp Lejeune, NC.

d. Duties. For a complete listing of duties and tasks, refer to reference (n), Marine Corps Engineer and Utilities Training and Readiness Manual.

e. Related Standard Occupational Classification (SOC) Title and Code
   (1) Electrician 47-2111.
   (2) Electrical Power-Line Installers and Repairers 49-9051.

f. Related Military Skill
   (1) Field Wireman, 0612.
   (2) Construction Wireman, 0613.

3. MOS 1142, Engineer Equipment Electrical Systems Technician (SSgt to Pvt) (PMOS)

   a. Summary. Using knowledge of electrical theory and concepts, and electronic fundamentals, Equipment Electrical Systems Technicians repair electric motors, electronic modules, motor control circuits, and electric power generation equipment. These technicians also troubleshoot digital/logic components/circuits and make organizational and intermediate level repairs on the electrical systems of engineer and general supply equipment. Duties include diagnosing problems and making repairs following manuals, schematic diagrams, wiring diagrams, blue prints, and other specifications, using hand tools, power tools, and electrical and electronic test equipment. Repairs include soldering connections and replacing wires, malfunctioning apparatus, and components, including some faulty mechanical, hydraulic and pneumatic parts on equipment. Corporal through Staff Sergeant are afforded the opportunity to attend the Advanced Engineer Equipment Electrical Systems Technician Course that provides in-depth instruction on the integrated electrical systems of Combat Operations Center Integrated Trailer/ECU/Generator (ITEG) and Marine Corps Tactical Welding shop; the interaction between electrical and hydraulic systems of material handling equipment using the CAT E-Tool, along with reprogramming of fault codes and parameters on controls of Tactical Quiet Generators sets; and electrical control of refrigerant systems and heater elements of Environmental Control Units, and Containerized Batch Laundry unit. An apprenticeship program, leading to U.S. Department of Labor certification as a Journey Worker is available to
engineer equipment electrical systems technicians under the United Services Military Apprenticeship program (USMAP).

b. Prerequisites

(1) Must possess an MM score of 105 or higher.
(2) Must possess an EL score of 100 or higher.
(3) Must have normal color vision.

c. Requirements

(1) Complete the Basic Engineer Equipment Electrical Systems Technician Course (M03UAA2), Marine Corps Engineer School, Camp Lejeune, NC.

(2) Skill progression school/course recommended for Engineer Equipment Electrical Systems Technician is the Advanced Engineer Equipment Electrical Systems Technician Course.

d. Duties. For a complete listing of duties and tasks, refer to reference (n), Marine Corps Engineer and Utilities Training and Readiness Manual.

e. Related Standard Occupational Classification (SOC) Title and Code

(1) Electrical and Electronics Repairers, Powerhouse, Substation and Relay 49-2095.
(2) Power Distributors and Dispatchers 51-8012.
(3) Electric Motor, Power Tool, and Related Repairers 49-2092.
(4) Power Plant Operators 51-8013.
(5) Stationary Engineers and Boiler Operators 51-8021.

f. Related Military Skill

(1) Fuel and Electrical Systems Mechanic, 3524.

4. MOS 1161, Refrigeration and Air Conditioning Technician (SSgt to Pvt) PMOS

a. Summary. Refrigeration And Air Conditioning Technicians must be certified by the Environmental Protection Agency (EPA) to handle Chlorofluorocarbons (CFC). They install, operate and perform organizational and intermediate level repairs on field refrigeration and environmental control units for all ground operations and equipment. These duties include installing refrigeration systems according to engineering specifications; recovery of specified gases or fluids into systems; dismantling and testing malfunctioning systems using electrical, mechanical, and testing equipment, and repairing systems by replacing or adjusting defective and worn parts. Under the U.S. Department of Labor’s United Services Military Apprenticeship Program (USMAP), the 1161 may enroll to achieve certification as a journeyman.
b. Prerequisites

(1) Must possess an MM score of 105 or higher.

(2) Must have normal color vision.

c. Requirements. Complete the Marine Corps Refrigeration and Air Conditioning Technician Course at Marine Corps Engineer School, Camp Lejeune, NC.

d. Duties. For a complete listing of duties and tasks, refer to reference (n), Marine Corps Engineer and Utilities Training and Readiness Manual.

e. Related Standard Occupational Classification (SOC) Title and Code

(1) Heating, Air Conditioning, and Refrigeration Mechanics and Installers 49-9021.

(2) Cooling and Freezing Equipment Operators 51-9193.


5. MOS 1169, Utilities Chief (MGySgt to GySgt) PMOS

a. Summary. Utilities Chiefs are technical advisers to the commander at all levels of all elements of the various MAGTFs on the employment of utilities support. These staff noncommissioned officers analyze, translate, and execute commanders' operational requirements into a utilities support reality that enhances mission accomplishment. They plan and supervise the establishment, operation, and maintenance of water filtration/purification, storage, and distribution sites; electric power generating sites along with the inherent underground, above ground, and overhead electric power distribution systems; and shower and laundry services. They coordinate and supervise the installation, maintenance and repair of heating, air conditioning (to include automotive), and refrigeration equipment; and the maintenance and repair of the electrical systems on engineer and general supply equipment. Water quality assurance, field sanitation, sewage, and waste disposal is also planned, coordinated, and supervised. When deployed in support of Humanitarian Assistance and Civil Military Operations, these chiefs also plan, and coordinate the installation and repair of plumbing and indoor electrical wiring. This MOS is technical in nature and requires years of experience to become proficient. Due to the diversity of commands throughout the Marine Corps, some of the duties and tasks performed by the Utilities Chief may overlap with those of the Engineer Equipment Chief, Motor Transport Maintenance Chief, and Motor Transport Operations Chief. Additional duties may include: formal schools faculty, safety management, new equipment/systems research and development, and new systems acquisition. This MOS will only be assigned to graduates of the resident Utilities Chief Course.

b. Prerequisites. Must hold MOS 1141, 1142, 1161, or 1171.

c. Requirements. Must complete the resident Utilities Chief Course (M0311E2), Marine Corps Engineer School, Camp Lejeune, NC, in order to receive MOS 1169.
d. **Duties.** For a complete listing of duties and tasks, refer to reference (n), Marine Corps Engineer and Utilities Training and Readiness Manual.

e. **Related Standard Occupational Classification (SOC) Title and Code**

   (1) First-Line Supervisors/Managers of Mechanics, Installers and Repairers 49-1011.

   (2) Occupational Health and Safety Technicians 29-9012.

f. **Related Military Skill.** None.

6. **MOS 1171, Water Support Technician (SSgt-Pvt) (PMOS)**

   a. **Summary.** Water Support Technicians install, operate, inspect, and perform preventive and corrective maintenance on pumps, water filtration/purification equipment, water storage/distribution systems, and laundry and shower facilities. They conduct and evaluate water surveys, water reconnaissance, and water quality analysis as well as establish, maintain, and close sanitation systems. When on Humanitarian Assistance and Civil Military Operations these technicians also plan, install, and repair the plumbing systems of structures. These duties include cutting, bending, and threading pipes; joining pipes using screws, bolts, fittings, solder, and plastic solvent; cleaning tanks and filter beds using backwashing; testing water to determine acidity, impurities, turbidity, and conductivity; and regulating the flow of raw water for treatment while mixing it with specified amounts of chemicals (i.e. alum, coagulate, chlorine, ammonia, and lime) in the filtration/purification process. Noncommissioned officers are afforded the opportunity to attend the Advanced Water Support Technician course that provides in-depth instruction on the requirements of the Uniform Plumbing Code and the planning of water support. An apprenticeship program, leading to U.S. Department of Labor certification as a Journey Worker, is available to water support technicians under the United Services Military Apprenticeship Program (USMAP).

   b. **Prerequisites**

      (1) Must possess an MM score of 95 or higher.

      (2) Must have normal color vision.

   c. **Requirements.** Complete the Basic Water Support Technician Course (M031102), Marine Corps Engineer School, Camp Lejeune, NC.

   d. **Duties.** For a complete listing of duties and tasks, refer to reference (n), Marine Corps Engineer and Utilities Training and Readiness Manual.

   e. **Related Standard Occupational Classification (SOC) Title and Code**


      (2) Laundry and Dry-Cleaning Worker 51-6011.

      (3) Plumbers, Pipefitters, and Steamfitters 47-2152.

f. **Related Military Skill.** None.
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<tr>
<th>Rank</th>
<th>1140 Basic Utilities Marine (Basic MOS)</th>
<th>1141 Electrician (PMOS)</th>
<th>1142 Engineer Equipment Electrical Systems Technician (PMOS)</th>
<th>1161 Refrigeration and Air Conditioning Technician (PMOS)</th>
<th>1169 Utilities Chief (PMOS)</th>
<th>1171 Water Support Technician (PMOS)</th>
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Figure 3-9.--Utilities
### MOS 1141, Electrician (PMOS)

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**MOS Assignment:**

- **OPFOR:** Electrician
- **SE:** Instructor MCES/I&I Staff

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### MOS 1142, Engineer Equipment Electrical Systems Technician (PMOS)

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**MOS Assignment:**

- **OPFOR:** Engineer Equipment Electrical Systems Technician
- **SE:** Instructor MCES/I&I Staff

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Figure 3-9.--Utilities

3-146 Enclosure (1)
### MOS 1161, Refrigeration and Air Conditioning Technician (PMOS)

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<thead>
<tr>
<th>Ranks</th>
<th>Required Training</th>
<th>Skill Progression</th>
<th>Skill Enhancement</th>
<th>MOS Assignment</th>
<th>Reference</th>
</tr>
</thead>
<tbody>
<tr>
<td>CPL</td>
<td>Basic Engineer Equipment Electrical Systems Technician Course</td>
<td>Advanced Engineer Equipment Electrical Systems Technician Course</td>
<td>Engineer Equipment Electrical Systems Technician</td>
<td>Instructor/MCES</td>
<td>MCO 1200.170</td>
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<tr>
<td>LCPL</td>
<td>Basic Engineer Equipment Electrical Systems Technician Course</td>
<td>Advanced Engineer Equipment Electrical Systems Technician Course</td>
<td>Engineer Equipment Electrical Systems Technician</td>
<td>None</td>
<td>MCO 1200.170</td>
</tr>
<tr>
<td>PFC</td>
<td>Basic Engineer Equipment Electrical Systems Technician Course</td>
<td>Advanced Engineer Equipment Electrical Systems Technician Course</td>
<td>Engineer Equipment Electrical Systems Technician</td>
<td>None</td>
<td>MCO 1200.170</td>
</tr>
<tr>
<td>PVT</td>
<td>Basic Engineer Equipment Electrical Systems Technician Course</td>
<td>Advanced Engineer Equipment Electrical Systems Technician Course</td>
<td>Engineer Equipment Electrical Systems Technician</td>
<td>None</td>
<td>MCO 1200.170</td>
</tr>
<tr>
<td>SSGT</td>
<td>Utilities Chief Course</td>
<td>Refrigeration and Air Conditioning Technician</td>
<td>Refrigeration and Air Conditioning Technician</td>
<td>Instructor/APG, MD/I&amp;I Staff</td>
<td>MCO 1200.170</td>
</tr>
<tr>
<td>SGT</td>
<td>Refrigeration and Air Conditioning Technician</td>
<td>Refrigeration and Air Conditioning Technician</td>
<td>Refrigeration and Air Conditioning Technician</td>
<td>Instructor APG, MD</td>
<td>MCO 1200.170</td>
</tr>
</tbody>
</table>

Figure 3-9.—Utilities (continued)
Skill Progression:  
Skill Enhancement:  
MOS Assignment: OPPOR: Refrigeration and Air Conditioning Technician  
SE: None

---

LCPL  
Required Training: Basic Refrigeration Mechanic Course  
Skill Progression:  
Skill Enhancement:  
MOS Assignment: OPPOR: Refrigeration and Air Conditioning Technician  
SE: None

---

PFC  
Required Training: Basic Refrigeration Mechanic Course  
Skill Progression:  
Skill Enhancement:  
MOS Assignment: OPPOR: Refrigeration and Air Conditioning Technician  
SE: None

---

PVT  
Required Training: Basic Refrigeration Mechanic Course  
Skill Progression:  
Skill Enhancement:  
MOS Assignment: OPPOR: Refrigeration and Air Conditioning Technician  
SE: None

---

MOS 1169, Utilities Chief (PMOS)

MGYSGT  
Required Training:  
Skill Progression:  
Skill Enhancement:  
MOS Assignment: OPPOR: Utilities Chief  
SE: Academic Chief MCES/HQMC I&L, LPE

---

MSGT  
Required Training:  
Skill Progression:  
Skill Enhancement:  
MOS Assignment: OPPOR: Utilities Chief  
SE: Instructor MCES/I&I Staff

---

GYSGT  
Required Training: Utilities Chief Course  
Skill Progression:  
Skill Enhancement:  
MOS Assignment: OPPOR: Utilities Chief  
SE: Instructor MCES/I&I Staff

---

MOS 1171, Water Support Technician (PMOS)

SSGT  
Required Training:  
Skill Progression:  

---

Figure 3-9.--Utilities (continued)
Skill Enhancement: Utilities Chief Course

MOS Assignment: Advanced Water Support Technician Course
OPFOR: Water Support Technician
SE: Instructor MCES/I&I Staff

---------------------------

SGT Required Training: Advanced Water Support Technician Course
Skill Progression: OPFOR: Water Support Technician
Skill Enhancement: SE: Instructor MCES
MOS Assignment:---------------------------

CPL Required Training: Advanced Water Support Technician Course
Skill Progression: OPFOR: Water Support Technician
Skill Enhancement: SE: None
MOS Assignment:---------------------------

LCPL Required Training: Basic Water Support Technician Course
Skill Progression: OPFOR: Water Support Technician
Skill Enhancement: SE: None
MOS Assignment:---------------------------

PFC Required Training: Basic Water Support Technician Course
Skill Progression: OPFOR: Water Support Technician
Skill Enhancement: SE: None
MOS Assignment:---------------------------

PVT Required Training: Basic Water Support Technician Course
Skill Progression: OPFOR: Water Support Technician
Skill Enhancement: SE: None
MOS Assignment:---------------------------

Figure 3-9.--Utilities (continued)
OCCUPATIONAL FIELD 13, ENGINEER, CONSTRUCTION, FACILITIES, AND EQUIPMENT

1. **Introduction.** The Engineer, Construction, Facilities, And Equipment OccFld comprises Marines whose duties include metalworking and welding; repair, maintenance, and operation of engineer heavy equipment such as cranes and bulldozers; construction and repair of military structures and facilities; clearing and emplacing obstacles such as minefields; construction of standard and nonstandard bridging; and emplacing and detonating explosives for construction and demolition projects. Also, some Marines in the field work with the storage and distribution of bulk fuel products. Marines entering the field receive MOS 1300, Basic Engineer, Construction, and Equipment Marine. The basic engineer may be assigned a variety of MOSs and may be sent to a variety of formal schools. The MOSs that is initially available is metal workers, engineer equipment mechanics, engineer equipment operators, combat engineers, engineer assistants, and bulk fuel specialists. The opportunity to participate in a formal apprenticeship program leading to receipt of a Department of Labor Certificate of Apprenticeship Completion may be available in some MOSs within OccFld 13. There are a variety of challenging and interesting billets available in OccFld 13, ranging from inspector-instructor duty, to duty with operating forces (in division, Marine Logistics Group, or Marine Air Wing) or the supporting establishment.

2. **MOS 1316, Metal Worker (SSgt to Pvt) PMOS**
   
   a. **Summary.** Metal Workers examine drawings and work orders; determine sequence of operations, materials, tools, equipment, time, and personnel required. They also perform installation, operation, maintenance and repair of metalworking, and welding equipment and material.

   b. **Prerequisites**
      
      (1) Must possess an MM score of 95 or higher.

      (2) Meet the physical requirements of reference (bd).

      (3) Must have normal color vision.

   c. **Requirements.** Complete the Basic Metal Workers Course, Marine Corps Detachment, U.S. Army Ordnance School, Ft Lee, VA.

   d. **Duties.** For a complete listing of duties and tasks, refer to reference (n), Marine Corps Engineer and Utilities Training and Readiness Manual.

   e. **Related Standard Occupational Classification (SOC) Title and Code**
      
      (1) Welders, Cutters, Solders, and Brazer Workers 51-4121.

      (2) Sheet Metal Workers 47-2211.

      (3) First-Line Supervisors/Managers of Construction Trades and Extraction Workers 47-1011.

      (4) Welding, Soldering and Brazing Workers 51-4120.

   f. **Related Military Skill.** Aircraft Welder, 6043.
3. **MOS 1341, Engineer Equipment Mechanic (SSgt to Pvt) PMOS**

   a. **Summary.** Engineer Equipment Mechanics perform preventive maintenance and make repairs to diesel engines and gasoline and diesel driven construction equipment such as tractors, power shovels, road machinery, air compressors, concrete mixers and other engine driven or towed construction equipment.

   b. **Prerequisites**

      (1) Must possess an MM score of 95 or higher.

      (2) Meet the physical requirements of reference (bd).

      (3) Must have normal color vision.

   c. **Requirements.** Complete the Basic Engineer Mechanic Course, Marine Corps Detachment, U.S. Army Engineer School, Ft Leonard Wood, MO.

   d. **Duties.** For a complete listing of duties and tasks, refer to reference (n), Marine Corps Engineer and Utilities Training and Readiness Manual.

   e. **Related Standard Occupational Classification (SOC) Title and Code**

      (1) Bus and Truck Mechanics and Diesel Engine Specialists 49-3031.

      (2) First-Line Supervisors/Managers of Construction Trades and Extraction Workers 47-1011.

      (3) First-Line Supervisors/Managers of Mechanics, Installers, and Repairers 49-1011.

      (4) Mobile Heavy Equipment Mechanics, Except Engines 49-3042.

      (5) Maintenance Workers, Machinery 49-9043.


   f. **Related Military Skill**

      (1) Automotive Mechanic 3521.

      (2) Main Battle Tank Repairer/Technician, 2146.

4. **MOS 1342, Small Craft Mechanic (SSgt to LCpl) NMOS (1341)**

   a. **Summary.** Small Craft Mechanics perform preventive maintenance and repairs to bridge erection boats and rubber-hulled vessels; repair diesel engines, outboard engines and hydrojet propulsion systems; and repair small craft trailers and cradle systems.

   b. **Prerequisites**

      (1) Must be qualified in MOS 1341.

      (2) Must possess an MM score of 95 or higher.
(3) Meet the physical requirements of (bd).

(4) Must have normal color vision.

c. Requirements. Complete the Small Craft Mechanics Course, Small Boat Training Detachment, Marine Corps Engineer School, Camp Lejeune, NC.

d. Duties. For a complete listing of duties and tasks, refer to reference (n), Marine Corps Engineer and Utilities Training and Readiness Manual.

e. **Related Standard Occupational Classification (SOC) Title and Code**

   (1) Motorboat Mechanic 49-3051.

   (2) Outdoor Power Equipment and other Small Engine Mechanics 49-3053.

   (3) Maintenance Workers, Machinery 49-9043.

f. **Related Military Skill.** Engineer Equipment Mechanic, 1341.

5. **MOS 1345, Engineer Equipment Operator (SSgt to Pvt) (PMOS)**

   a. **Summary.** Engineer Equipment Operators operate gasoline or diesel engine powered, self-propelled, skid-mounted, and towed engineer construction equipment including accessories and allied equipment used in earthmoving, grading, excavation, logging, clearing, and landing operations.

   b. **Prerequisites**

      (1) Must possess an MM score of 95 or higher.

      (2) Must have vision correctable to 20/20.

      (3) Must be a minimum height of 66 inches.

      (4) Must meet the licensing requirements of reference (bd).

   c. **Requirements**

      (1) Complete the Engineer Equipment Operator Course, Marine Corps Detachment, U.S. Army Engineer School, Ft Leonard Wood, MO.

      (2) Non-MOS qualified Reserve Marines unable to attend the regular formal school course may be certified for MOS 1345, as an AMOS-only, by the commander upon successful completion of the Alternate Training Instructional Program (ATIP) of the Marine Force Reserves. The ATIP for MOS 1345 Marines is found in reference (ay), Force Order 1535.1 and consists of core tasks to be performed to standard at Reserve MOJT. A minimum of 6 months MOJT while assigned to a 1345 billet is required.

   d. **Duties.** For a complete listing of duties and tasks, refer to reference (n), Marine Corps Engineer and Utilities Training and Readiness Manual.

   e. **Related Standard Occupational Classification (SOC) Title and Code**

      (1) First-Line Supervisors/Managers of Construction Trades and Extraction Workers 47-1011.
First-Line Supervisors/Managers of Mechanics, Installers, and Repairers 49-1011.

Bus and Truck Mechanics and Diesel Engine Specialists 49-3031.

Mobile Heavy Equipment Mechanics, Except Engines 49-3042.

Maintenance Workers, Machinery 49-9043.


6. MOS 1349, Engineer Equipment Chief (MGySgt to GySgt) PMOS

a. Summary. Engineer Equipment Chiefs manage the activities of enlisted personnel performing engineer equipment operation, maintenance, and repair. This MOS will be assigned only by the authority of the CMC (MM).

b. Prerequisites

(1) Must possess an MM score of 95 or higher.

(2) Possess experience in either MOS 1316, 1341, or 1345.

(3) Must have vision correctable to 20/20.

c. Requirements

(1) Completion of the Engineer Equipment Chief Course, U.S. Army Engineer School, Ft Leonard Wood, MO is required within one year after selection to the grade of gunnery sergeant, unless assigned outside the MOS in a non-FMF command such as recruiting/MSG duty. In these cases, after reassignment to a billet requiring MOS 1349.

(2) Completion of the Engineer Equipment Chief Course, U.S. Army Engineer School, Ft Leonard Wood, MO.

(3) Skill progression schools/courses recommended for Engineer Equipment Chiefs include: see Figure 3-1.

d. Duties. For a complete listing of duties and tasks, refer to reference (n), Marine Corps Engineer and Utilities Training and Readiness Manual.

e. Related Standard Occupational Classification (SOC) Title and Code

(1) First-Line Supervisors/Managers of Construction Trades and Extraction Workers 47-1011.

(2) First-Line Supervisors/Managers of Mechanics, Installers, and Repairers 49-1011.


(4) First-Line Supervisors/Managers of All Other Tactical Operations Specialist 55-2013.
f. Related Military Skill

(1) Motor Transport Maintenance Chief, 3529.

7. MOS 1361, Engineer Assistant (GySgt to Pvt) PMOS

a. Summary. Engineer Assistants perform various duties incidental to construction design, planning, estimating, and management. Personnel assigned this MOS are trained to use optical reading/electronic total station survey instruments to establish the horizontal and vertical alignment/layout for construction projects. In addition, they are trained to use manual/Computer Aided Drafting (CAD) methods of preparing architectural/mechanical/civil drawings, to include computations for bills of material/earthwork volumes.

b. Prerequisites. Must possess a GT score of 100 or higher.

c. Requirements

(1) High school courses in geometry and algebra are required. High school courses in trigonometry are desired.

(2) Complete the Technical Engineering Course, U.S. Army Engineer School Ft Leonard Wood, MO.

(3) Upon promotion to master sergeant, engineer assistants are assigned MOS 1371. As such, completion of the Engineer Operations Chief Course is required within one year after selection to the grade of master sergeant, unless assigned outside the supporting establishment in a B billet, such as recruiting/MSG duty. In these cases, after reassignment to a billet requiring MOS 1371, Marines will attend this course within six months.

d. Duties. For a complete listing of duties and tasks, refer to reference (n), Marine Corps Engineer and Utilities Training and Readiness Manual.

e. Related Standard Occupational Classification (SOC) Title and Code

(1) Architectural and Civil Drafters 17-3011.

(2) Surveying and Mapping Technicians 17-3031.

(3) Surveyors 17-1022.

e. Related Military Skill. Topography Intelligence Specialist, 0261.

(1) Topography Intelligence Specialist, 0261.

(2) Combat Engineer, 1371.

8. MOS 1371, Combat Engineer (MGySgt to Pvt) PMOS

a. Summary. Combat Engineers conduct engineer reconnaissance; emplace obstacle systems; conduct breaching operations, to include reducing explosive hazards; conduct mine/countermine operations; employ demolitions and military explosives; conduct urban breaching; conduct route clearance; provide assault bridging, tactical bridging and non-standard bridging/repair; construct and maintain combat roads and trails; construct expedient roads and airfield/landing zones; design and construct survivability positions; perform
expedient vertical and horizontal construction; design, construct and maintain base camps/forward operating bases and combat outposts; and fight as provisional infantry.

b. **Prerequisites.** Must possess an MM score of 95 or higher.

c. **Requirements**

(1) Complete the Basic Combat Engineer Course, Marine Corps Engineer School, Camp Lejeune, NC.

(2) Completion of Engineer Operations Chief Course is required upon promotion to MSgt.

(3) Skill progressions schools/courses recommended for combat engineers include: see Figure 3-1.

d. **Duties.** For a complete listing of duties and tasks, refer to reference (n), Marine Corps Engineer and Utilities Training and Readiness Manual.

e. **Related Standard Occupational Classification (SOC) Title and Code**

(1) Explosives Workers, Ordnance Handling Experts, and Blasters 47-5031.

(2) Cement Masons and Concrete Finishers 47-2051.

(3) Brick Masons and Block Masons 47-2021.

(4) Carpenters 47-2031.

f. **Related Military Skill.** Engineer Assistant, 1361.

9. **MOS 1372, Assault Breacher Vehicle (ABV)/Joint Assault Bridge (JAB) Operator (GySgt to LCpl) NMOS (1371)**

a. **Summary.** The ABV/JAB Operator is a NMOS for PMOS 1371, Combat Engineer. Job tasks associated with operations of the ABV/JAB will be those tasks required to drive the unit, operate the breaching/bridging systems, provide protection, and communicate. Field level organizational maintenance tasks will also be included.

b. **Prerequisites**

(1) Must be qualified in MOS 1371.

(2) Must possess a MM score of 95 or higher.

(3) Must have vision correctable to 20/20 and depth perception (third degree binocular fusion).

(4) Must be a minimum height of 66 inches.

(5) Must meet the licensing requirements of reference (bd).

c. **Requirements**
(1) GySgt: Complete the ABV Crewman Course, Marine Corps Detachment, Ft Benning, GA.

(2) Non-MOS qualified Reserve Marines unable to attend the regular formal school training and complete the required on-the-job training are ineligible to attain this MOS.

(3) Completion of the Engineer Operations Chief Course is required upon promotion to GySgt.

   d. Duties. For a complete listing of duties and tasks, refer to reference (n), Marine Corps Engineer and Utilities Training and Readiness Manual.

   e. Related Standard Occupational Classification (SOC) Title and Code. Armored Assault Crew Members 55-3013.

   f. Related Military Skill

      (1) Tank Crewman, 1812

      (2) Combat Engineer, 1371.

10. MOS 1391, Bulk Fuel Specialist (MGySgt to Pvt) PMOS

   a. Summary. Bulk Fuel Specialists install, operate, maintain and repair fuel handling units and accessory equipment, and test petroleum products to evaluate the quality used in amphibious assault fuel handling systems.

   b. Prerequisites

      (1) Must possess an MM score of 95 or higher.

      (2) Must have normal color vision.

   c. Requirements

      (1) Complete the Bulk Fuel Specialist Course, Marine Corps Detachment, U.S. Army quartermaster School, Ft Lee, VA.

      (2) Skill progression schools/courses available for bulk fuel specialists include: see Figure 3-1.

   d. Duties. For a complete listing of duties and tasks, refer to reference (bd), Marine Corps Engineer and Utilities Training and Readiness Manual.

   e. Related Standard Occupational Classification (SOC) Title and Code

      (1) Pump Operators, Except Wellhead Pumpers 53-7072.


   f. Related Military Skill. None.
<table>
<thead>
<tr>
<th>MOS</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>1316</td>
<td>Metal Worker (PMOS)</td>
</tr>
<tr>
<td>1341</td>
<td>Engineer Equipment Mechanic (PMOS)</td>
</tr>
<tr>
<td>1342</td>
<td>Small Craft Mechanic (PMOS)</td>
</tr>
<tr>
<td>1345</td>
<td>Engineer Equipment Operator (PMOS)</td>
</tr>
<tr>
<td>1349</td>
<td>Engineer Equipment Chief (PMOS)</td>
</tr>
<tr>
<td>1361</td>
<td>Engineer Assistant (PMOS)</td>
</tr>
<tr>
<td>1371</td>
<td>Combat Engineer (PMOS)</td>
</tr>
<tr>
<td>1372</td>
<td>Assault Breacher Vehicle (ABV)/Joint Assault Bridge (JAB) Operator (PMOS)</td>
</tr>
<tr>
<td>1391</td>
<td>Bulk Fuel Specialist (PMOS)</td>
</tr>
</tbody>
</table>

Figure 3-10.--Engineer, Construction, Facilities, and Equipment
### MOS 1316, Metal Worker (PMOS)

<table>
<thead>
<tr>
<th>Rank</th>
<th>Required Training</th>
<th>Skill Progression</th>
<th>Skill Enhancement</th>
<th>MOS Assignment</th>
<th>OPFOR</th>
<th>SE</th>
</tr>
</thead>
<tbody>
<tr>
<td>SSGT</td>
<td>Required Training:</td>
<td>Skill Progression:</td>
<td>Skill Enhancement:</td>
<td>MOS Assignment:</td>
<td>OPFOR: Metal Worker Chief</td>
<td>SE: Instructor MCES</td>
</tr>
<tr>
<td>SGT</td>
<td>Required Training:</td>
<td>Skill Progression:</td>
<td>Skill Enhancement:</td>
<td>OPFOR: Metal Worker</td>
<td>SE: None</td>
<td></td>
</tr>
<tr>
<td>CPL</td>
<td>Required Training:</td>
<td>Skill Progression:</td>
<td>Skill Enhancement:</td>
<td>OPFOR: Metal Worker</td>
<td>SE: None</td>
<td></td>
</tr>
<tr>
<td>LCPL</td>
<td>Required Training:</td>
<td>Skill Progression:</td>
<td>Skill Enhancement:</td>
<td>OPFOR: Metal Worker</td>
<td>SE: None</td>
<td></td>
</tr>
<tr>
<td>PFC</td>
<td>Required Training:</td>
<td>Skill Progression:</td>
<td>Skill Enhancement:</td>
<td>OPFOR: Metal Worker</td>
<td>SE: None</td>
<td></td>
</tr>
<tr>
<td>PVT</td>
<td>Required Training:</td>
<td>Skill Progression:</td>
<td>Skill Enhancement:</td>
<td>OPFOR: Metal Worker</td>
<td>SE: None</td>
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</tr>
</tbody>
</table>

### MOS 1341, Engineer Equipment Mechanic (PMOS)

<table>
<thead>
<tr>
<th>Rank</th>
<th>Required Training</th>
<th>Skill Progression</th>
<th>Skill Enhancement</th>
<th>MOS Assignment</th>
<th>OPFOR</th>
<th>SE</th>
</tr>
</thead>
<tbody>
<tr>
<td>SSGT</td>
<td>Required Training:</td>
<td>Skill Progression:</td>
<td>Soils Analysis Course</td>
<td>OPFOR: Maintenance Chief</td>
<td>SE: Instructor MCES/I&amp;I Duty</td>
<td></td>
</tr>
<tr>
<td>SGT</td>
<td>Required Training:</td>
<td>Skill Progression:</td>
<td>Engineer Equipment Mechanic NCO Course</td>
<td>OPFOR: Engineer Equipment Mechanic</td>
<td>SE: None</td>
<td></td>
</tr>
<tr>
<td>CPL</td>
<td>Required Training:</td>
<td>Skill Progression:</td>
<td>Engineer Equipment Mechanic NCO Course</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Figure 3-10.--Engineer, Construction, Facilities, and Equipment
<table>
<thead>
<tr>
<th>MOS Assignment:</th>
<th>OPFOR: Engineer Equipment Mechanic/PEB Clerk</th>
</tr>
</thead>
<tbody>
<tr>
<td>Required Training:</td>
<td>Construction Equipment Repairer Course</td>
</tr>
<tr>
<td>Skill Progression:</td>
<td></td>
</tr>
<tr>
<td>Skill Enhancement:</td>
<td></td>
</tr>
<tr>
<td>MOS Assignment:</td>
<td>OPFOR: Engineer Equipment Mechanic</td>
</tr>
<tr>
<td>-----------------</td>
<td>---------------------------------------------</td>
</tr>
<tr>
<td>Required Training:</td>
<td>Construction Equipment Repairer Course</td>
</tr>
<tr>
<td>Skill Progression:</td>
<td></td>
</tr>
<tr>
<td>Skill Enhancement:</td>
<td></td>
</tr>
<tr>
<td>MOS Assignment:</td>
<td>OPFOR: Engineer Equipment Mechanic</td>
</tr>
<tr>
<td>-----------------</td>
<td>---------------------------------------------</td>
</tr>
<tr>
<td>Required Training:</td>
<td>Construction Equipment Repairer Course</td>
</tr>
<tr>
<td>Skill Progression:</td>
<td></td>
</tr>
<tr>
<td>Skill Enhancement:</td>
<td></td>
</tr>
<tr>
<td>MOS Assignment:</td>
<td>OPFOR: Engineer Equipment Mechanic</td>
</tr>
<tr>
<td>-----------------</td>
<td>---------------------------------------------</td>
</tr>
<tr>
<td>Required Training:</td>
<td>Construction Equipment Repairer Course</td>
</tr>
<tr>
<td>Skill Progression:</td>
<td></td>
</tr>
<tr>
<td>Skill Enhancement:</td>
<td></td>
</tr>
<tr>
<td>MOS Assignment:</td>
<td>OPFOR: Small Craft Mechanic</td>
</tr>
<tr>
<td>-----------------</td>
<td>---------------------------------------------</td>
</tr>
<tr>
<td>Required Training:</td>
<td>Small Craft Mechanic Course</td>
</tr>
<tr>
<td>Skill Progression:</td>
<td></td>
</tr>
<tr>
<td>Skill Enhancement:</td>
<td></td>
</tr>
<tr>
<td>MOS Assignment:</td>
<td>OPFOR: Small Craft Mechanic</td>
</tr>
<tr>
<td>-----------------</td>
<td>---------------------------------------------</td>
</tr>
<tr>
<td>Required Training:</td>
<td>Engineer Equipment Mechanic NCO Course</td>
</tr>
<tr>
<td>Skill Progression:</td>
<td></td>
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</tr>
<tr>
<td>MOS Assignment:</td>
<td>OPFOR: Small Craft Mechanic</td>
</tr>
<tr>
<td>-----------------</td>
<td>---------------------------------------------</td>
</tr>
<tr>
<td>Required Training:</td>
<td>Engineer Equipment Mechanic NCO Course</td>
</tr>
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<td>Skill Progression:</td>
<td></td>
</tr>
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<td>Skill Enhancement:</td>
<td></td>
</tr>
<tr>
<td>MOS Assignment:</td>
<td>OPFOR: Small Craft Mechanic</td>
</tr>
<tr>
<td>-----------------</td>
<td>---------------------------------------------</td>
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<tr>
<td>Required Training:</td>
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<td>Skill Progression:</td>
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<tr>
<td>Skill Enhancement:</td>
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<td>MOS Assignment:</td>
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<tr>
<td>-----------------</td>
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</table>

Figure 3-10.—Engineer, Construction, Facilities, and Equipment (continued)
### MOS 1345, Engineer Equipment Operator (PMOS)

<table>
<thead>
<tr>
<th>Rank</th>
<th>Required Training</th>
<th>Skill Progression</th>
<th>Skill Enhancement</th>
<th>MOS Assignment</th>
<th>OPFOR</th>
<th>SE</th>
</tr>
</thead>
<tbody>
<tr>
<td>SSGT</td>
<td>Soils Analysis Course</td>
<td></td>
<td></td>
<td>Operations Chief</td>
<td>Instructor MCES/I&amp;I Duty</td>
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<tr>
<td>SGT</td>
<td>Engineer Equipment Operator NCO Course</td>
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<td>Engineer Equipment Operator</td>
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</tr>
<tr>
<td>CPL</td>
<td>Engineer Equipment Operator NCO Course</td>
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<tr>
<td>LCPL</td>
<td>Engineer Equipment Operator Course</td>
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<td></td>
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<tr>
<td>PFC</td>
<td>Engineer Equipment Operator Course</td>
<td></td>
<td></td>
<td>Operations Chief/Maintenance Chief</td>
<td>Instructor MCES/I&amp;I Duty</td>
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</tr>
<tr>
<td>PVT</td>
<td>Engineer Equipment Operator Course</td>
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<td>Operations Chief/Maintenance Chief</td>
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</table>

### MOS 1349, Engineer Equipment Chief (PMOS)

<table>
<thead>
<tr>
<th>Rank</th>
<th>Required Training</th>
<th>Skill Progression</th>
</tr>
</thead>
<tbody>
<tr>
<td>MGYSGT</td>
<td></td>
<td></td>
</tr>
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</table>

Figure 3-10.--Engineer, Construction, Facilities, and Equipment (continued)
Skill Enhancement: MCO 1200.17D

Joint Engineer Operations Course, chaired by the Joint Staff J-4.

Weapons and Tactics Instructor Course (WTI), taught by Marine Aviation Weapons and Tactics Squadron 1, Yuma, AZ.

Marine Corps Logistics Education Program (MCLEP), taught by School of MAGTF Logistics and Penn State, State College, PA.

Joint Engineer Operations Course, Ft Leonard Wood, MO.

Ground Safety Specialist Course, taught at various bases and stations.

Hazardous Material/Hazardous Waste Staff NCO Course taught at various bases and stations.

MOS Assignment:

OPFOR: Operations Chief/Maintenance Chief
SE: Instructor MCES/I&I Duty

Figure 3-10.—Engineer, Construction, Facilities, and Equipment (continued)
<table>
<thead>
<tr>
<th>MOS Assignment:</th>
<th>OPFOR: Operations Chief/Maintenance Chief</th>
</tr>
</thead>
<tbody>
<tr>
<td>GYSGT</td>
<td>Instructor MCES/I&amp;I Duty</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Required Training:</th>
<th>Engineer Equipment Chief Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skill Progression:</td>
<td>TLOC</td>
</tr>
</tbody>
</table>

- Joint Engineer Operations Course, chaired by the Joint Staff J-4.
- Weapons and Tactics Instructor Course (WTI), taught by Marine Aviation Weapons and Tactics Squadron 1, Yuma, AZ.
- Marine Corps Logistics Education Program (MCLEP), taught by School of MAGTF Logistics and Penn State, State College, PA.
- Joint Engineer Operations Course, Ft Leonard Wood, MO.
- Ground Safety Specialist Course, taught at various bases and stations.
- Hazardous Material/Hazardous Waste Staff NCO Course taught at various bases and stations.

<table>
<thead>
<tr>
<th>MOS Assignment:</th>
<th>OPFOR: Operations Chief/Maintenance Chief</th>
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</thead>
<tbody>
<tr>
<td>GYSGT</td>
<td>Instructor MCES/I&amp;I Duty</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>Required Training:</th>
<th>Engineer Operations Chief Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skill Progression:</td>
<td>TLOC</td>
</tr>
</tbody>
</table>

- Drafting and Surveying Chief/Operations Chief
- Instruction USAEC

<table>
<thead>
<tr>
<th>MOS Assignment:</th>
<th>OPFOR: Drafting Chief/Survey Chief</th>
</tr>
</thead>
<tbody>
<tr>
<td>SSGT</td>
<td>Instructor USAEC</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Required Training:</th>
<th>Engineer Assistant Chief Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skill Progression:</td>
<td></td>
</tr>
</tbody>
</table>

- Drafting Chief/Survey Chief
- Instructor USAEC

<table>
<thead>
<tr>
<th>MOS Assignment:</th>
<th>OPFOR: Drafting Chief/Survey Chief</th>
</tr>
</thead>
<tbody>
<tr>
<td>SGT</td>
<td>Instructor USAEC</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Required Training:</th>
<th>Engineer Assistant Chief Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skill Progression:</td>
<td></td>
</tr>
</tbody>
</table>

- Instructor USAEC

Figure 3-10.--Engineer, Construction, Facilities, and Equipment (continued)
<table>
<thead>
<tr>
<th>MOS Assignment:</th>
<th>OPFOR: Team Chief/Cadd Manager</th>
</tr>
</thead>
<tbody>
<tr>
<td>CPL</td>
<td>SE: Instructor USAEC</td>
</tr>
<tr>
<td>Required Training:</td>
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</tr>
<tr>
<td>Skill Progression:</td>
<td></td>
</tr>
<tr>
<td>Skill Enhancement:</td>
<td></td>
</tr>
<tr>
<td>LCPL</td>
<td>Technical Engineering Course</td>
</tr>
<tr>
<td>Required Training:</td>
<td></td>
</tr>
<tr>
<td>Skill Progression:</td>
<td></td>
</tr>
<tr>
<td>Skill Enhancement:</td>
<td></td>
</tr>
<tr>
<td>MOS Assignment:</td>
<td>OPFOR: Draftsman/Surveyor</td>
</tr>
<tr>
<td></td>
<td>SE: None</td>
</tr>
<tr>
<td>PFC</td>
<td>Technical Engineering Course</td>
</tr>
<tr>
<td>Required Training:</td>
<td></td>
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<td>Skill Progression:</td>
<td></td>
</tr>
<tr>
<td>Skill Enhancement:</td>
<td></td>
</tr>
<tr>
<td>MOS Assignment:</td>
<td>OPFOR: Draftsman/Surveyor</td>
</tr>
<tr>
<td></td>
<td>SE: None</td>
</tr>
<tr>
<td>FVT</td>
<td>Technical Engineering Course</td>
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<tr>
<td>Required Training:</td>
<td></td>
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<tr>
<td>Skill Progression:</td>
<td></td>
</tr>
<tr>
<td>Skill Enhancement:</td>
<td></td>
</tr>
<tr>
<td>MOS Assignment:</td>
<td>OPFOR: Draftsman/Surveyor</td>
</tr>
<tr>
<td></td>
<td>SE: None</td>
</tr>
</tbody>
</table>

**MOS 1371, Combat Engineer (PMOS)**

**MGYSGT** Required Training:

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Figure 3-10.—Engineer, Construction, Facilities, and Equipment (continued)

3-163

Enclosure (1)
Skill Progression:

Combat Engineer NCO Course (CID: M03ACS2), taught at Marine Corps Engineer School (MCES), Camp Lejeune, NC

Combat Engineer NCO Combat Support Course (CID: M03EAX2), taught at Marine Corps Engineer School (MCES), Camp Lejeune, NC

Combat Engineer NCO Combat Service Support Course (CID: M03EAY2), taught at Marine Corps Engineer School (MCES), Camp Lejeune, NC

Combat Engineer Platoon Sergeant Course (CID: M03ACQ2), taught at Marine Corps Engineer School (MCES), Camp Lejeune, NC

Engineer Operations Chief Course (CID: M0313G2), taught at Marine Corps Engineer School (MCES), Camp Lejeune, NC

Ground Safety Chief Course, taught at various bases and stations

Skill Enhancement: MCLEF

MOS Assignment: OFFOR: MEF/MLG/Div HQ/Operations

Chief/MAW

SE: Instructor MCES/I&I Duty

----------------------------------------------------------------------------------

MSGT Required Training:

Figure 3-10.--Engineer, Construction, Facilities, and Equipment (continued)
Skill Progression:

Combat Engineer NCO Course (CID: M03ACS2) taught at Marine Corps Engineer School (MCES), Camp Lejeune, NC

Combat Engineer NCO Combat Support Course (CID: M03EAX2), taught at Marine Corps Engineer School (MCES), Camp Lejeune, NC

Combat Engineer NCO Combat Service Support Course (CID: M03EAY2), taught at Marine Corps Engineer School (MCES), Camp Lejeune, NC

Combat Engineer Platoon Sergeant Course (CID: M03ACQ2), taught at Marine Corps Engineer School (MCES), Camp Lejeune, NC

Engineer Operations Chief Course (CID: M0313G2), taught at Marine Corps Engineer School (MCES), Camp Lejeune, NC

Ground Safety Chief Course, taught at various bases and stations

Skill Enhancement: ALOC/JEOC
MOS Assignment: OFFFF: MEF/MLG/Div HQ/Operations Chief/Construction Chief/MAW
SE: Instructor MCES/I&I Duty

GYSGT Required Training: Engineer Operations Chief Course
Skill Progression: Combat Engineer NCO Course (CID: M03ACS2) taught at Marine Corps Engineer School (MCES), Camp Lejeune, NC

Combat Engineer NCO Combat Support Course (CID: M03EAX2), taught at Marine Corps Engineer School (MCES), Camp Lejeune, NC

Combat Engineer NCO Combat Service Support Course (CID: M03EAY2), taught at Marine Corps Engineer School (MCES), Camp Lejeune, NC

Combat Engineer Platoon Sergeant Course (CID: M03ACQ2), taught at Marine Corps Engineer School (MCES), Camp Lejeune, NC

Engineer Operations Chief Course (CID: M0313G2), taught at Marine Corps Engineer School (MCES), Camp Lejeune, NC

Ground Safety Chief Course, taught at various bases and stations

Skill Enhancement: TLOC
MOS Assignment: OFFOR: MEF/MLG/Div HQ/Operations Chief/Construction Chief/MAW
SE: Instructor MCES/I&I Duty

SSGT Required Training:

Figure 3-10.--Engineer, Construction, Facilities, and Equipment (continued)
Skill Progression: Combat Engineer NCO Course (CID: M03ACS2) taught at Marine Corps Engineer School (MCES), Camp Lejeune, NC

Combat Engineer NCO Combat Support Course (CID: M03EAX2), taught at Marine Corps Engineer School (MCES), Camp Lejeune, NC

Combat Engineer NCO Combat Service Support Course (CID: M03EAY2), taught at Marine Corps Engineer School (MCES), Camp Lejeune, NC

Combat Engineer Platoon Sergeant Course (CID: M03ACQ2), taught at Marine Corps Engineer School (MCES), Camp Lejeune, NC

Engineer Operations Chief Course (CID: M0313G2), taught at Marine Corps Engineer School (MCES), Camp Lejeune, NC

Ground Safety Chief Course, taught at various bases and stations

Skill Enhancement: OPPFOR: Engineer Platoon Sergeant/MLG/Div HQ/MAW

MOS Assignment: SE: Instructor MCES

SGT Required Training:

Figure 3-10.--Engineer, Construction, Facilities, and Equipment (continued)

3-167 Enclosure (1)
Skill Progression: Combat Engineer NCO Course (CID: M03ACS2) taught at Marine Corps Engineer School (MCES), Camp Lejeune, NC

Combat Engineer NCO Combat Support Course (CID: M03EAX2), taught at Marine Corps Engineer School (MCES), Camp Lejeune, NC

Combat Engineer NCO Combat Service Support Course (CID: M03EAY2), taught at Marine Corps Engineer School (MCES), Camp Lejeune, NC

Combat Engineer Platoon Sergeant Course (CID: M03ACQ2), taught at Marine Corps Engineer School (MCES), Camp Lejeune, NC

Engineer Operations Chief Course (CID: M0313G2), taught at Marine Corps Engineer School (MCES), Camp Lejeune, NC

Ground Safety Chief Course, taught at various bases and stations

Skill Enhancement: Combat Engineer NCO Course

MOS Assignment: OFFOR: Construction Foreman/Squad Leader

SE: Instructor USAEC

-----------------------------

CPL Required Training:

Figure 3-10.--Engineer, Construction, Facilities, and Equipment (continued)
Skill Progression:

- Combat Engineer NCO Course (CID: M03ACS2) taught at Marine Corps Engineer School (MCES), Camp Lejeune, NC
- Combat Engineer NCO Combat Support Course (CID: M03EAX2), taught at Marine Corps Engineer School (MCES), Camp Lejeune, NC
- Combat Engineer NCO Combat Service Support Course (CID: M03EAY2), taught at Marine Corps Engineer School (MCES), Camp Lejeune, NC
- Combat Engineer Platoon Sergeant Course (CID: M03ACQ2), taught at Marine Corps Engineer School (MCES), Camp Lejeune, NC
- Engineer Operations Chief Course (CID: M0313G2), taught at Marine Corps Engineer School (MCES), Camp Lejeune, NC
- Ground Safety Chief Course, taught at various bases and stations

Skill Enhancement: Cpl Engineer NCO Course

MOS Assignment: OPFOR: Combat Engineer
SE: None

LCPL Required Training: Basic Combat Engineer Course

Figure 3-10.--Engineer, Construction, Facilities, and Equipment (continued)
<table>
<thead>
<tr>
<th>Skill Progression:</th>
<th>Combat Engineer NCO Course (CID: M03ACS2) taught at Marine Corps Engineer School (MCES), Camp Lejeune, NC</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Combat Engineer NCO Combat Support Course (CID: M03EAX2), taught at Marine Corps Engineer School (MCES), Camp Lejeune, NC</td>
</tr>
<tr>
<td></td>
<td>Combat Engineer NCO Combat Service Support Course (CID: M03EAY2), taught at Marine Corps Engineer School (MCES), Camp Lejeune, NC</td>
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<tr>
<td></td>
<td>Combat Engineer Platoon Sergeant Course (CID: M03ACQ2), taught at Marine Corps Engineer School (MCES), Camp Lejeune, NC</td>
</tr>
<tr>
<td></td>
<td>Engineer Operations Chief Course (CID: M0313G2), taught at Marine Corps Engineer School (MCES), Camp Lejeune, NC</td>
</tr>
<tr>
<td></td>
<td>Ground Safety Chief Course, taught at various bases and stations</td>
</tr>
<tr>
<td>Skill Enhancement:</td>
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<tr>
<td>MOS Assignment:</td>
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<td>OPFOR:</td>
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<tr>
<td>SE:</td>
<td>None</td>
</tr>
<tr>
<td>PFC</td>
<td>Required Training: Basic Combat Engineer Course</td>
</tr>
</tbody>
</table>

Figure 3-10.--Engineer, Construction, Facilities, and Equipment (continued)
Skill Progression: Combat Engineer NCO Course (CID: M03ACS2), taught at Marine Corps Engineer School (MCES), Camp Lejeune, NC

Combat Engineer NCO Combat Support Course (CID: M03EAX2), taught at Marine Corps Engineer School (MCES), Camp Lejeune, NC

Combat Engineer NCO Combat Service Support Course (CID: M03EAY2), taught at Marine Corps Engineer School (MCES), Camp Lejeune, NC

Combat Engineer Platoon Sergeant Course (CID: M03ACQ2), taught at Marine Corps Engineer School (MCES), Camp Lejeune, NC

Engineer Operations Chief Course (CID: M0313G2), taught at Marine Corps Engineer School (MCES), Camp Lejeune, NC

Ground Safety Chief Course, taught at various bases and stations

Skill Enhancement: OPPOR: Combat Engineer

MOS Assignment: SE: None

FVT Required Training: Basic Combat Engineer Course

Figure 3-10.--Engineer, Construction, Facilities, and Equipment (continued)
Skill Progression: Combat Engineer NCO Course (CID: M03ACS2) taught at Marine Corps Engineer School (MCES), Camp Lejeune, NC

Combat Engineer NCO Combat Support Course (CID: M03EAX2), taught at Marine Corps Engineer School (MCES), Camp Lejeune, NC

Combat Engineer NCO Combat Service Support Course (CID: M03EAY2), taught at Marine Corps Engineer School (MCES), Camp Lejeune, NC

Combat Engineer Platoon Sergeant Course (CID: M03ACQ2), taught at Marine Corps Engineer School (MCES), Camp Lejeune, NC

Engineer Operations Chief Course (CID: M0313G2), taught at Marine Corps Engineer School (MCES), Camp Lejeune, NC

Ground Safety Chief Course, taught at various bases and stations

MOS 1372, Assault Vehicle Operator (NMOS)

Required Training: Engineer Operations Chief Course
Skill Progression: OPFOR: MEF/FSSG/Div HQ/MAW/Operations Construction Chief
Skill Enhancement: SE: Instructor MCES/I&I Duty
MOS Assignment: GYSGT

Required Training: Engineer Platoon Sergeant
Skill Progression: OPFOR: FSSG/Div HQ/MAW
Skill Enhancement: SE: Instructor/MCES
MOS Assignment: SSGT

Required Training: Combat Engineer NCO Course
Skill Progression: OPFOR: Construction Foreman/Squad Leader
Skill Enhancement: SE: Instructor USAEC
MOS Assignment: SGT

Required Training: CPL
Skill Progression:
Skill Enhancement:
MOS Assignment:

Figure 3-10.--Engineer, Construction, Facilities, and Equipment (continued)

3-172 Enclosure (1)
<table>
<thead>
<tr>
<th>LCPL</th>
<th>Required Training:</th>
<th>Basic Combat Engineer Course</th>
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<td>MOS Assignment:</td>
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<th>Required Training:</th>
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<td></td>
<td>MOS Assignment:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>OPFOR: ABV Operator</td>
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<tr>
<td></td>
<td>SE: None</td>
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</tbody>
</table>
MOS 1391, Bulk Fuel Specialist (PMOS)


Figure 3-10.--Engineer, Construction, Facilities, and Equipment (continued)
<table>
<thead>
<tr>
<th>Skill Enhancement:</th>
<th>ALOC/JEOC</th>
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<tbody>
<tr>
<td>MOS Assignment:</td>
<td>OFFOR: Fuel Chief/Operation Chief</td>
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<tr>
<td></td>
<td>SE: Fuels Chief/I&amp;I Duty/Fuel School Chief Instructor</td>
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<table>
<thead>
<tr>
<th>Required Training:</th>
<th>Fuel SNCO Advance Course</th>
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</thead>
<tbody>
<tr>
<td>Skill Progression:</td>
<td>Tactical Logistics Officers Course, taught by School of MAGTF Logistics, Quantico, VA</td>
</tr>
<tr>
<td></td>
<td>Advanced Logistics Officers Course, taught by School of MAGTF Logistics, Quantico, VA</td>
</tr>
<tr>
<td></td>
<td>Weapons and Tactics Instructor Course (WTI), taught by Marine Aviation Weapons and Tactics Squadron 1, Yuma, AZ</td>
</tr>
<tr>
<td></td>
<td>Marine Corps Logistics Education Program (MCLEP), taught by School of MAGTF Logistics and Penn State, State College, PA</td>
</tr>
<tr>
<td></td>
<td>Joint Engineer Operations Course, Ft Leonard Wood, MO</td>
</tr>
<tr>
<td></td>
<td>Ground Safety Specialist Course, taught at various bases and stations</td>
</tr>
<tr>
<td></td>
<td>Hazardous Material/Hazardous Waste Staff NCO Course taught at various bases and stations</td>
</tr>
<tr>
<td></td>
<td>Business System Modernization-Energy (BSM-E) Basic Course, held at Norcross, GA</td>
</tr>
<tr>
<td></td>
<td>Business System Modernization-Energy (BSM-E Managers Course, held at Norcross, GA</td>
</tr>
<tr>
<td></td>
<td>Business System Modernization-Energy (BSM-E) Inventory Accounting Course, held at Norcross, GA</td>
</tr>
<tr>
<td></td>
<td>Joint Petroleum Seminar, held at Defense Logistics Agency, Ft. Belvoir, VA</td>
</tr>
</tbody>
</table>

Figure 3-10.--Engineer, Construction, Facilities, and Equipment (continued)
**GYSGT**

**Required Training:**

- Fuel SNCO Advance Course
- Tactical Logistics Officers Course, taught by School of MAGTF Logistics, Quantico, VA
- Advanced Logistics Officers Course, taught by School of MAGTF Logistics, Quantico, VA
- Weapons and Tactics Instructor Course (WTI), taught by Marine Aviation Weapons and Tactics Squadron 1, Yuma, AZ
- Marine Corps Logistics Education Program (MCLEP), taught by School of MAGTF Logistics and Penn State, State College, PA
- Joint Engineer Operations Course, Ft Leonard Wood, MO
- Ground Safety Specialist Course, taught at various bases and stations
- Hazardous Material/Hazardous Waste Staff NCO Course taught at various bases and stations
- Business System Modernization-Energy (BSM-E) Basic Course, held at Norcross, GA
- Business System Modernization-Energy (BSM-E) Managers Course, held at Norcross, GA
- Business System Modernization-Energy (BSM-E) Inventory Accounting Course, held at Norcross, GA
- Joint Petroleum Seminar, held at Defense Logistics Agency, Ft Belvoir, VA

**Skill Progression:**

- TLOC/BSM-E Managers Course

**MOS Assignment:**

- OFFOR: Platoon Sergeant/Fuel Chief
- SE: I&I Duty/Fuel School Instructor

---

**SSGT**

**Required Training:**

- Fuel SNCO Advance Course

---

**Figure 3-10.** Engineer, Construction, Facilities, and Equipment (continued)
Skill Progression:

- Tactical Logistics Officers Course, taught by School of MAGTF Logistics, Quantico, VA
- Advanced Logistics Officers Course, taught by School of MAGTF Logistics, Quantico, VA
- Weapons and Tactics Instructor Course (WTI), taught by Marine Aviation Weapons and Tactics Squadron 1, Yuma, AZ
- Marine Corps Logistics Education Program (MCLEP), taught by School of MAGTF Logistics and Penn State, State College, PA
- Joint Engineer Operations Course, Ft Leonard Wood, MO
- Ground Safety Specialist Course, taught at various bases and stations
- Hazardous Material/Hazardous Waste Staff NCO Course taught at various bases and stations
- Business System Modernization-Energy (BSM-E) Basic Course, held at Norcross, GA
- Business System Modernization-Energy (BSM-E Managers Course, held at Norcross, GA
- Business System Modernization-Energy (BSM-E) Inventory Accounting Course, held at Norcross, GA
- Joint Petroleum Seminar, held at Defense Logistics Agency, Ft Belvoir, VA

Skill Enhancement:
- BSM-E Manager Course

MOS Assignment:
- OPFOR: Squad Leader/Team Chief/Quality Control Chief
- SE: Team Chief/Quality Control Specialist/Fuel School Instructor

Figure 3-10.--Engineer, Construction, Facilities, and Equipment (continued)
Required Training:
Tactical Logistics Officers Course, taught by School of MAGTF Logistics, Quantico, VA
Advanced Logistics Officers Course, taught by School of MAGTF Logistics, Quantico, VA
Weapons and Tactics Instructor Course (WTI), taught by Marine Aviation Weapons and Tactics Squadron 1, Yuma, AZ
Marine Corps Logistics Education Program (MCLEP), taught by School of MAGTF Logistics and Penn State, State College, PA
Joint Engineer Operations Course, Ft Leonard Wood, MO
Ground Safety Specialist Course, taught at various bases and stations
Hazardous Material/Hazardous Waste Staff NCO Course taught at various bases and stations
Business System Modernization-Energy (BSM-E) Basic Course, held at Norcross, GA
Business System Modernization-Energy (BSM-E Managers Course, held at Norcross, GA
Business System Modernization-Energy (BSM-E) Inventory Accounting Course, held at Norcross, GA
Joint Petroleum Seminar, held at Defense Logistics Agency, Ft Belvoir, VA
Skill Enhancement: BSM-E Basic Course
MOS Assignment: OFFOR: Section Leader/Quality Control Specialist
SE: Section Leader/Quality Control Specialist

Figure 3-10.—Engineer, Construction, Facilities, and Equipment (continued)
CPL

Required Training:
Tactical Logistics Officers Course, taught by School of MAGTF Logistics, Quantico, VA
Advanced Logistics Officers Course, taught by School of MAGTF Logistics, Quantico, VA
Weapons and Tactics Instructor Course (WTI), taught by Marine Aviation Weapons and Tactics Squadron 1, Yuma, AZ
Marine Corps Logistics Education Program (MCLEP), taught by School of MAGTF Logistics and Penn State, State College, PA
Joint Engineer Operations Course, Ft Leonard Wood, MO
Ground Safety Specialist Course, taught at various bases and stations
Hazardous Material/Hazardous Waste Staff NCO Course taught at various bases and stations
Business System Modernization-Energy (BSM-E) Basic Course, held at Norcross, GA
Business System Modernization-Energy (BSM-E Managers Course, held at Norcross, GA
Business System Modernization-Energy (BSM-E) Inventory Accounting Course, held at Norcross, GA
Joint Petroleum Seminar, held at Defense Logistics Agency, Ft Belvoir, VA

Skill Enhancement: BSM-E Basic Course

MOS Assignment: OPPFOR: Bulk Fuel Specialist/Squad Leader/Quality Control Specialist
SE: Bulk Fuel Specialist/Section Leader/Quality Control Specialist

LCPL

Required Training: Bulk Fuel Specialist Course

Figure 3-10.--Engineer, Construction, Facilities, and Equipment (continued)
Skill Progression:

- Tactical Logistics Officers Course, taught by School of MASTF Logistics, Quantico, VA
- Advanced Logistics Officers Course, taught by School of MASTF Logistics, Quantico, VA
- Weapons and Tactics Instructor Course (WTI), taught by Marine Aviation Weapons and Tactics Squadron 1, Yuma, AZ
- Marine Corps Logistics Education Program (MCLEP), taught by School of MASTF Logistics and Penn State, State College, PA
- Joint Engineer Operations Course, Ft Leonard Wood, MO
- Ground Safety Specialist Course, taught at various bases and stations
- Hazardous Material/Hazardous Waste Staff NCO Course taught at various bases and stations
- Business System Modernization-Energy (BSM-E) Basic Course, held at Norcross, GA
- Business System Modernization-Energy (BSM-E Managers Course, held at Norcross, GA
- Business System Modernization-Energy (BSM-E) Inventory Accounting Course, held at Norcross, GA
- Joint Petroleum Seminar, held at Defense Logistics Agency, Ft Belvoir, VA

Skill Enhancement:
BSM-E Basic Course

MOS Assignment:
OPFOR: Bulk Fuel Specialist
SE: Bulk Fuel Specialist

PFC
Required Training: Bulk Fuel Specialist Course

Figure 3-10.--Engineer, Construction, Facilities, and Equipment (continued)
Skill Progression: Tactical Logistics Officers Course, taught by School of MAGTF Logistics, Quantico, VA

Advanced Logistics Officers Course, taught by School of MAGTF Logistics, Quantico, VA

Weapons and Tactics Instructor Course (WTI), taught by Marine Aviation Weapons and Tactics Squadron 1, Yuma, AZ

Marine Corps Logistics Education Program (MCLEP), taught by School of MAGTF Logistics and Penn State, State College, PA

Joint Engineer Operations Course, Ft Leonard Wood, MO

Ground Safety Specialist Course, taught at various bases and stations

Hazardous Material/Hazardous Waste Staff NCO Course taught at various bases and stations

Business System Modernization-Energy (BSM-E) Basic Course, held at Norcross, GA

Business System Modernization-Energy (BSM-E) Managers Course, held at Norcross, GA

Business System Modernization-Energy (BSM-E) Inventory Accounting Course, held at Norcross, GA

Joint Petroleum Seminar, held at Defense Logistics Agency, Ft Belvoir, VA

Skill Enhancement:
MOS Assignment:

OPFOR: Bulk Fuel Specialist
SE: Bulk Fuel Specialist

PVT Required Training: Bulk Fuel Specialist Course

Figure 3-10.--Engineer, Construction, Facilities, and Equipment (continued)
Skill Progression:
Tactical Logistics Officers Course, taught by School of MAGTF Logistics, Quantico, VA
Advanced Logistics Officers Course, taught by School of MAGTF Logistics, Quantico, VA
Weapons and Tactics Instructor Course (WTI), taught by Marine Aviation
Weapons and Tactics Squadron 1, Yuma, AZ
Marine Corps Logistics Education Program (MCLEP), taught by School of MAGTF Logistics and Penn State, State College, PA
Joint Engineer Operations Course, Ft Leonard Wood, MO
Ground Safety Specialist Course, taught at various bases and stations
Hazardous Material/Hazardous Waste Staff NCO Course taught at various bases and stations
Business System Modernization-Energy (BSM-E) Basic Course, held at Norcross, GA
Business System Modernization-Energy (BSM-E Managers Course, held at Norcross, GA
Business System Modernization-Energy (BSM-E) Inventory Accounting Course, held at Norcross, GA
Joint Petroleum Seminar, held at Defense Logistics Agency, Ft Belvoir, VA

Skill Enhancement:
MOS Assignment:
OPFOR: Bulk Fuel Specialist
SE: Bulk Fuel Specialist

Figure 3-10.--Engineer, Construction, Facilities, and Equipment (continued)
3118. OCCUPATIONAL FIELD 18, TANK AND ASSAULT AMPHIBIOUS VEHICLE

1. Introduction. The Tank and Assault Amphibian Vehicle OccFld includes operation, employment, maneuver, and maintenance of tracked vehicles in the combined arms environment during both amphibious assaults and subsequent land operations ashore. Qualifications required include basic mechanical aptitude and the ability to perform harmoniously with others in the confined area inside combat vehicles. The duties involved are incident to the operation, employment, maneuver, and maintenance of tanks and assault amphibious vehicles. Formal schooling is provided to Marines at both the entry level and at the appropriate time in career development. Marines entering this OccFld receive MOS 1800, Basic Tank and Assault Amphibious Vehicle Crewman. After entry into OccFld 18 and assignment of a basic 1800 MOS, personnel specialize in either the M1A1 tank or the assault amphibious vehicle are assigned MOS 1812, or 1833 respectively.

2. MOS 1812, M1A1 Tank Crewman (MGySgt to Pvt) PMOS

   a. Summary. As members of an M1A1 Tank crew or unit, M1A1 Tank Crewman performs various duties incident to the operation and maintenance of the tank, to include tactical employment, firing and maneuvering. Typical duties include preparing tanks, personnel, and equipment for movement and combat; preparation of ammunition for firing; locating targets; loading, aiming and firing of organic tank weapons using the tank fire control system; driving the tank; and performance of operator-level preventive and corrective maintenance.

   b. Prerequisites

      (1) Must possess a GT score of 90 or higher.

      (2) Must have vision correctable to 20/20.

      (3) Must have normal color vision.

   c. Requirements. Complete the M1A1 Armor Crewman Course, Ft Benning, GA. (Note: Non-MOS qualified prior service reservist may be certified as 1812s after completion of a two-phased training syllabus combined into a twenty-one day attendance at the Marine Corps M1A1 Reserve Tank Commander/Gunner Course (MCRTCGC), Ft Benning, GA. Upon completion of the MCRTCGC, the battalion inspector-instructor may certify the Marine based upon satisfactory demonstration of the core skills as set forth in the Individual Training Standards while occupying a billet requiring the AMOS).

   d. Duties. For a complete listing of duties and tasks, refer to reference (o), Tank Training and Readiness Manual.


   f. Related Military Skill. None.

3. MOS 1833, Assault Amphibious Vehicle (AAV) Crewman (MGySgt to Pvt) PMOS

   a. Summary. As members of an AAV crew or unit, AAV Crewmen perform various duties incident to the operation and maintenance of assault amphibious vehicles and the up-gunned weapons station (UGWS) MK19 40 MM/50
CAL M2. AAV Crewman prepares AAVs for the tactical employment of troops and equipment during ship to shore movement and subsequent operations ashore.

b. Prerequisites
   (1) Must possess a GT score of 90 or higher.
   (2) Must have a WS-B(+) Water Survival Qualification.
   (3) Must have vision correctable to 20/20.
   (4) Must have normal color vision.

c. Requirements
   (1) Complete the Assault Amphibian Crewman Course, Camp Pendleton, CA.
   (2) Section Leaders (SSgt/Sgt) must complete the Assault Amphibian Unit Leader Course, Camp Pendleton, CA.
   (3) Must have WS-I Water Survival Qualification.

d. Duties. For a complete listing of duties and tasks, refer to reference (p), Assault Amphibious Training and Readiness Manual.

e. Related Standard Occupational Classification (SOC) Title and Code.
   Armored Assault Vehicle Crew Members 55-3013.


4. MOS 1834, Expeditionary Fighting Vehicle (EFV) Crewman (MGySgt to Pvt) PMOS

   a. Summary. Expeditionary Fighting Vehicle Crewman perform various duties incident to the operation and maintenance of the vehicle, to include tactical employment, precision gunnery using the MK 46 Weapon system, and maneuver. EFV crewmen employ their vehicle during ship to objective maneuver and during subsequent operations ashore. Typical duties may include preparing the EFV and associated equipment for movement and combat, locating and engaging targets, driving the EFV in the water and ashore, and performance of first echelon preventive and corrective maintenance.

   b. Prerequisites
      (1) Must have a GT score of 90 or higher.
      (2) Must be qualified as a 1833 Crewman assigned to 1834 billet and approved by the OccFld Manager.
      (3) Must have WS-B(+) Water Survival Qualification.
      (4) Must have vision correctable to 20/20 in both eyes.
      (5) Must have normal color vision.

   c. Requirements. Must have WS-I Water Survival Qualification in order to obtain MOS.
d. **Duties.** For a complete listing of duties and tasks, refer to EFV Training and Readiness Manual.

e. **Related Standard Occupational Classification (SOC) Title and Code.**
Armored Assault Vehicle Crew Members 55-3013.

f. **Related Military Skill**

   (1) M1A1 Tank Crewman, 1812.

   (2) AAV Crewman, 1833.
<table>
<thead>
<tr>
<th>MOS</th>
<th>Title</th>
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<tbody>
<tr>
<td>1812</td>
<td>M1A1 Tank Crewman (PMOS)</td>
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<tr>
<td>1833</td>
<td>Assault Amphibious Vehicle (AAV) Crewman (PMOS)</td>
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<tr>
<td>1834</td>
<td>Expeditionary Fighting Vehicle (EFV) Crewman (PMOS)</td>
</tr>
</tbody>
</table>

Figure 3-11.—Tank and Assault Amphibious Vehicle
MOS 1812, M1A1 Tank Crewman (PMOS)

MGYSGT
Required Training:
Skill Progression:
Skill Enhancement:
MOS Assignment: OPPOR: Bn Ops Chief
SE: I&I Staff/PP&O/MARDET Ft Benning
SNCOIC

MSGT
Required Training:
Skill Progression:
Skill Enhancement: Ground Operations Chief Course
MOS Assignment: OPPOR: Bn Log Chief/Tank Leader
SE: I&I Staff Instructor U.S. Army Armor School

GYSGT
Required Training:
Skill Progression:
Skill Enhancement: M1A1 Master Gunner Course
MOS Assignment: Watch Officer/Watch Chief
ANCOC M1A1 Armor Crewman Course
OPFOR: Platoon Sergeant/Bn Master Gunner
SE: I&I Staff/Instructor

SSGT
Required Training:
Skill Progression:
Skill Enhancement: M1A1 Master Gunner Course
MOS Assignment: ANCOC M1A1 Armor Crewman Course
OPFOR: Tank Section Leader
SE: Instructor U.S. Army Armor School/I&I Staff/Instructor

SGT
Required Training:
Skill Progression:
Skill Enhancement: M1A1 Master Gunner Course with 6 years
MOS Assignment: OPFOR: Tank Commander
in service at a minimum
SE: Instructor U.S. Army Armor School

CPL
Required Training:
Skill Progression:
Skill Enhancement: Corporals Course
MOS Assignment: OPFOR: Tank Gunner
SE: None

LCPL
Required Training: M1A1 Armor Crewman Course
Skill Progression:
Skill Enhancement:
MOS Assignment: OPFOR: Tank Crewman/Driver/Loader
SE: None

PFC
Required Training: M1A1 Armor Crewman Course
Skill Progression:

Figure 3-11.--Tank and Assault Amphibious Vehicle

3-187 Enclosure (1)
PVT

Required Training: MIAl Armor Crewman Course
Skill Progression:
Skill Enhancement: 
MOS Assignment: 

OPFOR: Tank Crewman/Driver/Loader
SE: None

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MGYSGT

Required Training: 
Skill Progression: 
Skill Enhancement: 
MOS Assignment: 

OPFOR: Bn Op Chief/MEF/Div HQ/FSSG Staff/School Instructor
SE: Assault Amphib School Bn/Amphibious Vehicle Test Branch (AVTB)

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MSGT

Required Training: 
Skill Progression: 
Skill Enhancement: 
MOS Assignment: 

OPFOR: MEF/Div/HQ/FSSG/Bn Staff/CO Staff/Instructor
SE: I&I Staff/Assault Amphib School Bn/AVTB

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GYSGT

Required Training: Advanced Amphibian Vehicle Unit Leader Course
Skill Progression: 
Skill Enhancement: 
MOS Assignment: 

OPFOR: MEF/Div HQ/FSSG/Bn Staff/CO Staff/Platoon Sgt/Instructor
SE: MARCORSYSCOM/HQMC/MCCDC/Bn/AVTB

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SSGT

Required Training: Advanced Amphibian Vehicle Unit Leader Course
Skill Progression: 
Skill Enhancement: 
MOS Assignment: 

OPFOR: Bn Staff/Section Leader/Instructor
SE: Assault Amphib School Bn/AVTB

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SGT

Required Training: 
Skill Progression: 
Skill Enhancement: 
MOS Assignment: 

OPFOR: Crew Chief/Instructor
SE: Assault Amphib School Bn/AVTB

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CPL

Required Training: 
Skill Progression: 
Skill Enhancement: 

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Figure 3-11.--Tank and Assault Amphibious Vehicle (AAV) Crewman (PMOS)
<table>
<thead>
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<th>MOS Assignment:</th>
<th>OFFOR: Crew Chief/Instructor</th>
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<tr>
<td></td>
<td>SE: Assault Amphib School Bn/AVTB</td>
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<td>MOS Assignment:</td>
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<td></td>
<td>MOS Assignment:</td>
<td>OFFOR: AAV Crew</td>
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<tr>
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<td></td>
<td>SE: None</td>
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<th>AAV Crew Course</th>
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<td></td>
<td>Skill Enhancement:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>MOS Assignment:</td>
<td>OFFOR: AAV Crew</td>
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<tr>
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<td>SE: None</td>
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Figure 3-11.--Tank and Assault Amphibious Vehicle (continued)

3-109

Enclosure (1)
319. OCCUPATIONAL FIELD 21, GROUND ORDNANCE MAINTENANCE

1. Introduction. The Ground Ordnance Maintenance OccFld assures the MARFOR that serviceable ordnance materials are available. Duties include the inspection, repair, and maintenance of most weapon systems possessed by Marine Corps units. Qualifications required include basic ordnance administration and knowledge; the capability to technically inspect/analyze an ordnance item and repair/fabricate the same, and to understand and implement repair shop/armory operational procedures. The requirement also exists to impart technical knowledge to organizational personnel, crews, and supervisors for proper preventive maintenance, inspections, and application. Ground Ordnance Maintenance personnel will be required to learn Ground Ordnance Maintenance administrative procedures, repair analysis, technical inspection procedures, repair procedures, testing of ordnance equipment, and quality control methodology. Types of entry/level jobs available include armorer, artillery repairer, assault amphibious vehicle/tank/optical/laser/small missile repairer/machinist. Marines entering this OccFld will receive MOS 2100, Basic Ground Ordnance Maintenance Marine.

2. MOS 2111, Small Arms Repairer/Technician (GySqt to Pvt) PMOS

   a. Summary. Small Arms Repairer/Technician in the grade of Private through Lance Corporal, under supervision, performs basic duties incident to inspection, maintenance, and repair of all small arms, less vehicular mounted weapons. The small arms repairer/technician also completes basic shop administrative forms and records utilizing technical manuals, and maintains such records according to references (cu) and (cv). At the Corporal through Gunnery Sergeant level, the small arms repairer/technician performs, trains, and supervises various duties incident to inspection, maintenance, and repair of all small arms, to include vehicular mounted small arms. The small arms repairer/technician also prepares, maintains, and supervises a shop maintenance and management program and coordinates maintenance and repair of small arms according to grade.

   b. Prerequisites

      (1) Must be a U.S. Citizen.

      (2) Must possess an MM score of 95 or higher.

      (3) Must have a National Agency Check, Local Agency Check, and Credit Check (NACLC) resident within the Joint Personnel Adjudication System (JPAS).

      (4) Must pass the Command Arms Ammunition, and Explosive (AA&E) screening.

      (5) No conviction by court-martial, civilian court or nonjudicial punishment of any act involving larceny, theft, or drugs.

   c. Requirements

      (1) Complete Ground Ordnance Intermediate Level Supervisors Course (CID A01G8C1) by Sergeant through Staff Sergeant with 12 months remaining on active duty upon completion of the course. In the case of lateral move, must have served a minimum of one year in MOS 2111. Prerequisites for USMCR include serving in an active reserve billet in MOS 2111.

      (2) Complete the Small Arms Repair Course.

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d. Duties. For a complete listing of duties and tasks, refer to reference (ba), Ground Ordnance Maintenance Training and Readiness.

e. Related Standard Occupational Classification (SOC) Title and Code.
   Installation, Maintenance, and Repair Workers, All Other 49-9099.

f. Related Military Skill. None.

3. MOS 2112, Precision Weapons Repairer/Technician (GySgt to Cpl) NMOS (2111)

   a. Summary. The Precision Weapons Repairer/Technician performs duties incident to inspection, maintenance, fabrication, and repair of precision small arms in support of the Competition-In-Arms Program (CIAP) and Depot Maintenance Intraservice Support Agreement (DMISA) program. This MOS will be assigned as a NMOS only.

   b. Prerequisites. See Requirements.

   c. Requirements

      (1) Must meet the requirements/prerequisites of MOS 2111 and possess an MM score of 105 or higher.

      (2) Must successfully complete MOS 2112 managed on-the-job (MOJT) program.

      (3) Potential MOS 2112 candidates must be at least a corporal or sergeant with at least three years of obligated service remaining upon completion of managed on the job training (MOJT) program, and be recommended by an ordnance officer and or ordnance chief within the candidates chain of command.

      (4) Must have a working knowledge of the Competition-in-Arms Program.

      (5) Operate power and machinists tools and equipment.

   d. Duties. For a complete listing of duties and tasks, refer to reference (ba), Ground Ordnance Maintenance Training and Readiness.

   e. Related Standard Occupational Classification (SOC) Title and Code.

      (1) Installation, Maintenance, and Repair Workers, All Other 49-9099.

   f. Related Military Skill

      (1) Small Arms Repairer/Technician, 2111.

      (2) Machinist, 2161.

4. MOS 2131, Towed Artillery Systems Technician (GySgt to Pvt) PMOS

   a. Summary. The Towed Artillery Systems Technician, under supervision, performs basic duties incident to inspection, maintenance, and repair of towed artillery howitzers. The towed artillery systems technician also completes basic shop administrative forms and records utilizing technical manuals, and maintains such records according to references (cu) and (cv). At the Gunnery Sergeant through Corporal level, the towed artillery systems technician performs trains and supervises various duties incident to
inspection, maintenance and repair of towed artillery howitzers. The towed artillery systems technician also prepares, maintains and supervises a shop maintenance and management program, and performs the maintenance and repair of towed artillery howitzers according to grade.

   b. **Prerequisites.** Must possess an MM score of 95 or higher.

   c. **Requirements**
   
   (1) Complete the Towed Artillery Repairer Course.
   
   (2) Complete the Ground Ordnance Intermediate Level Supervisor Course (CID A01GBC1) by Sergeant through Staff Sergeant with 12 months remaining on active duty upon completion of the course. In the case of lateral move, must have served a minimum of one year in MOS 2131. Prerequisites for USMCR include serving in an active reserve billet in MOS 2131.

   d. **Duties.** For a complete listing of duties and tasks, refer to reference (ba), Ground Ordnance Maintenance Training and Readiness.

   e. **Related Standard Occupational Classification (SOC) Title and Code.**
   
   (1) Installation, Maintenance, and Repair Workers, All Other 49-9099.

   f. **Related Military Skill.** None.

5. **MOS 2141, Assault Amphibious Vehicle (AAV) Repairer/Technician (GySgt to Pvt) PMOS**

   a. **Summary.** The AAV Repairer/Technician, under supervision, performs basic automotive and hull duties incident to inspection, maintenance, and repair of the AAV family of vehicles. The AAV Repairer/Technician also completes basic shop administrative forms and records utilizing technical manuals, and maintains such records according to references (cu) and (cv). The Gunnery Sergeant to Corporal level supervises and performs various duties incident to the inspection, maintenance, and repair of the automotive and turret systems of the AAV. The AAV Repairer/Technician also prepares, maintains and supervises shop maintenance and management program, and coordinates maintenance and recovery operations according to grade.

   b. **Prerequisites**
   
   (1) Must possess an MM score of 105 or higher.
   
   (2) Must have WS-B Water Survival Qualification.

   c. **Requirements**
   
   (1) Complete the Assault Amphibious Vehicle Repairer Basic Course.
   
   (2) Complete the AAV Intermediate Assault Amphibian Repairman Course upon promotion to the grade of corporal and have a minimum of 24 months of obligated service remaining upon completion of the course.
   
   (3) Marines completing drill instructor, recruiting duty etc., should re-attend the intermediate course prior to MARFOR assignment.
d. Duties. For a complete listing of duties and tasks, refer to reference (p), Assault Amphibious Vehicle AAV Repairer/Technician Training and Readiness Manual.


6. MOS 2146, Main Battle Tank (MBT) Repairer/Technician (GySgt-Pvt) PMOS

a. Summary. The MBT Repairer/Technician performs basic automotive duties incident to inspection, maintenance, and repair of the Marine Corps MBT, Tank Retriever (M88A2), and Armored Vehicle Launched Bridge (AVLB). The MBT repairer/technician also completes basic shop administrative forms and records utilizing technical manuals, and maintains such records according to references (cu) and (cv). At the grades of Sergeant and above, the MBT repairer/technician trains, supervises, and performs various duties and tasks incident to the inspection, maintenance, and repair of the automotive and turret systems of the Marine Corps MBT. The MBT Repairer/Technician also prepares, maintains, and supervises shop maintenance and management programs, and coordinates maintenance and recovery operations according to grade.

b. Prerequisites. Must possess an MM score of 105 or higher.

c. Requirements

(1) Complete the M1A1 Tank System Mechanic Course.

(2) Possesses and demonstrates those leadership traits and principles applicable to grade.

(3) Corporal to Staff Sergeant are expected to complete the MBT Tank System Technician Course and have 12 months or more on active duty upon completion of the course.

d. Duties. For a complete listing of duties and tasks, refer to reference (b), Ground Ordnance Maintenance Training and Readiness.


f. Related Military Skill

(1) Engineer Equipment Mechanic, 1341.

(2) Towed Artillery Systems Technician, 2131.

7. MOS 2147, Light Armored Vehicle (LAV) Repairer/Technician (GySgt to Pvt) PMOS

a. Summary. The LAV Repairer/Technician, under supervision, performs basic automotive duties and tasks incident to inspection, maintenance, and repair of the LAV family of vehicles. The LAV Repairer/Technician also completes basic shop administrative forms and records utilizing technical manuals, and maintains such records according to references (cu) and (cv). At the grades of sergeant and above, the LAV systems technician trains, supervises, and performs various duties and tasks incident to the inspection, maintenance, and repair of automotive and turret systems of the LAV family of vehicles.
vehicles. The LAV systems technician also prepares, maintains and supervises shop maintenance and management programs, and coordinates maintenance and recovery operations according to grade.

b. **Prerequisites**

(1) Must possess an MM score of 105 or higher.

(2) Must have WS-B Water Survival Qualification.

c. **Requirements**

(1) Complete the Light Armored Vehicle Repairman Course.

(2) Qualified class III swimmer.

(3) Corporals and Staff Sergeants are expected to complete the LAV Intermediate Repair Course and have 24 months or more remaining on active duty upon completion of the course.

(4) Marines completing drill instructor, recruiting duty, etc., should re-attend the intermediate course prior to MARFOR assignment.

d. **Duties.** For a complete listing of duties and tasks, refer to reference (ba), Ground Ordnance Maintenance Training and Readiness.

e. **Related Standard Occupational Classification (SOC) Title and Code.** Automotive Service Technicians and Mechanics 49-3023.

f. **Related Military Skill**

(1) Engineer Equipment Mechanic, 1341.

8. **MOS 2148, Expeditionary Fighting Vehicle (EFV) Repairer/Technician (GySgt to Pvt) PMOS**

a. **Summary.** The EFV Repairman/Technician under supervision performs basic duties incident to inspection, troubleshooting, maintenance, and repair of the AAAV family of vehicles. The EFV Repairman completes basic shop administrative forms and records and maintains such records according to references (cu) and (cv). At the Gunnery Sergeant to Corporal level, the EFV Repairman supervises and mentors junior Marines and performs various duties incident to inspection, troubleshooting, maintenance and repair of the EFV as well as maintenance management and recovery according to grade.

b. **Prerequisites**

(1) Must have a MM score of 105 or higher.

(2) Must have WS-I Water Survival Qualification.

c. **Requirements**

(1) Complete the Assault Amphibian Basic Repairman Course (13 weeks), Camp Pendleton, CA.

(2) Complete the AAAV Intermediate Repairman Course after promotion to Corporal and have a minimum of 24 months obligated service remaining upon completion of the course.
(3) Marines completing Drill Instructor, Recruiting Duty, etc., should re-attend the intermediate course prior to FMF assignment.

(4) Must qualify as a CWS II swimmer.

(5) Complete the Expeditionary Fighting Vehicle Basic Repairmen Course, Camp Pendleton, CA.

(6) Complete the Expeditionary Fighting Vehicle Intermediate Repairman Course, Camp Pendleton, CA.

d. **Duties.** For a complete listing of duties and tasks, refer to reference (be), the EFV Training and Readiness Manual.

e. **Related Standard Occupational Classification (SOC) Title and Code.** Automotive Service Technicians and Mechanics 49-3023.

f. **Related Military Skill.** Engineer Equipment Repairman, 1341.

9. MOS 2149, Ordnance Vehicle Maintenance Chief (MGySgt and MSgt) PMOS

a. **Summary.** Ordnance Vehicle Maintenance Chiefs supervise the maintenance, repair, and inspection of ordnance vehicles to include their turrets and direct the activities of assigned enlisted personnel in an ordnance vehicle repair shop or facility. Senior Ordnance Vehicle Maintenance Chiefs supervise and manage the administration of ordnance vehicle maintenance facilities and ordnance vehicle offices. The Senior Ordnance Vehicle Maintenance Chief is proficient in the organization, management, operation and conduct of technical inspections of ordnance vehicles, ordnance vehicle maintenance equipment, and ordnance vehicle shops or facilities. The senior ordnance vehicle maintenance chief assists the ordnance vehicle maintenance officer in all duties. They manage command environmental and hazardous waste programs. They supervise and provide oversight of disposal, storage, emergency planning for hazardous waste, and ozone depleting substances.

b. **Prerequisites.** See requirements.

c. **Requirements**

(1) Complete one of the Ordnance Vehicle Intermediate Technician Courses; LAV, AAV, or Tank System Technician Course.

(2) Complete the Ground Ordnance Maintenance Chief Course.

(3) Possesses a comprehensive understanding of maintenance procedures for ordnance vehicles, repair shop management and operations, and maintenance and supply procedures.

(4) Possesses comprehensive knowledge of environmental and hazardous waste programs, disposal, storage, emergency planning for hazardous waste, and ozone depleting substances.

d. **Duties.** For a complete listing of duties and tasks, refer to reference (ba), Ground Ordnance Maintenance Training and Readiness.

e. **Related Standard Occupational Classification (SOC) Title and Code.**
(1) First-Line Supervisors/Managers of Mechanics, Installers, and Repairers 49-1011.


10. MOS 2161, Machinist (GySgt to Pvt) PMOS

a. Summary. Machinists perform various duties incident to fabrication, repair or modification of engineer, motor transport, weapons, and accessories. Duties include selection of proper stock and set up of work on lathes, shapes, milling machines, internal and external grinders, drill presses, saws and cylinder, or line-boring machines. Machinists work from sketches, diagrams, blueprints, written specifications, or oral instructions. The control of quality and accuracy is met by the machinists' use of precision measuring devices to include micrometers, vernier gauges, and various other gauges and the subsequent adjustment of machine tool controls. Fabrication of metals is also followed by welding with all standard welding equipment. Maintenance of all shop equipment is performed to ensure that serviceability is sustained. Coordination with other repair shops, reporting of work completion, and the shop administrative functions are requirements to be effected by machinists.

b. Prerequisites

(1) Must possess an MM score of 105 or higher.

(2) Must have normal color vision.

c. Requirements

(1) Complete the Machinist Course, U.S. Army Ordnance School, Ft Lee, VA.

(2) Complete Ground Ordnance Intermediate Level Supervisors Course (CID A016BC1) by Sergeant through Staff Sergeant with 12 months remaining on active duty upon completion of the course. In the case of lateral move, must have served a minimum of one year in MOS 2161. Prerequisites for USMCR include serving in an active reserve billet in MOS 2161.

d. Duties. For a complete listing of duties and tasks, refer reference (ba), Ground Ordnance Maintenance Training and Readiness.


f. Related Military Skill. None.

11. MOS 2171, Electro-Optical Ordnance Repairer (GySgt to Pvt) PMOS

a. Summary. The Electro-Optical Ordnance Repairer performs electro-optical maintenance and repair to ground ordnance laser and night vision devices, small missiles systems, and other fire control equipment. Duties also include performing mechanical, mechanical-optical and electrical repairs to include inspecting, troubleshooting and adjusting fire control instruments and systems. The electro-optical ordnance repairer, grades Private through Corporal, also completes basic shop administrative forms and records using technical publications, and maintains such records according to references (cu) and (cv). At the grades of Sergeant and above, the Electro-Optical
Ordnance Repairer trains, supervises, and performs various duties and tasks incident to the management of an electro-optical ordnance repair shop or facility.

b. **Prerequisites**

   (1) Must be a U.S. Citizen.
   (2) Must possess an MM score of 105 or higher.
   (3) Must possess an EL score of 115 or higher.
   (4) Must have a National Agency Check, Local Agency Check, and Credit Check (NACLC) resident within the Joint Personnel Adjudication System (JPAS).
   (5) Must have normal color vision.

   c. **Requirements**

   (1) Complete the Electro-Optical Ordnance Repairer Course, U.S. Army Ordnance Center and School, Ft. Lee, VA.
   (2) Complete Ground Ordnance Intermediate Level Supervisors Course (CID A01GBC1) by Sergeant through Staff Sergeant with 12 months remaining on active duty upon completion of course. In the case of lateral move, must have served a minimum of one year in MOS 2171. Prerequisites for USMCR include serving in an active Reserve billet in MOS 2171.
   (3) ENTNAC or NAC completed with favorable results.

d. **Duties.** For a complete listing of duties and tasks, refer to reference (ba), Ground Ordnance Maintenance Training and Readiness.

e. **Related Standard Occupational Classification (SOC) Title and Code.** Precision Instrument and Equipment Repairers, All Other 49-9069.

   f. **Related Military Skill.** None.

12. MOS 2181, Senior Ground Ordnance Weapons Chief (MGySgt and MSgt) PMOS

   a. **Summary.** Senior Ground Ordnance Weapons Chief supervise the maintenance, repair, and inspection of all small arms weapons and towed artillery howitzers and direct the activities of assigned enlisted personnel in a small arms or towed artillery repair shop or facility. They supervise and manage the administration of small arms or towed artillery maintenance facilities and offices. The senior ground ordnance weapons chief is proficient in the organization, management, operation and conduct of technical inspections of small arms weapons, and towed artillery howitzers, all equipment, and maintenance shops or facilities for maintaining small arms or towed artillery howitzers. The senior ground ordnance weapons chief assists the weapons repair officer in all duties and tasks. They manage command environmental and hazardous waste programs. They supervise and provide oversight of disposal, storage, emergency planning for hazardous waste, and ozone depleting substances.

   b. **Prerequisites.** See Requirements.
c. **Requirements**

   (1) Complete the Ground Ordnance Maintenance Chief's Course.

   (2) Possesses a comprehensive understanding of maintenance procedures for small arms weapons, and towed artillery howitzers, repair shop management and operations, maintenance and supply procedures.

   (3) Possesses a comprehensive knowledge of environmental and hazardous waste programs, disposal, storage, emergency planning for hazardous waste, and ozone depleting substances.

   d. **Duties.** For a complete listing of duties and tasks, refer to reference (ba), Ground Ordnance Maintenance Training and Readiness.

   e. **Related Standard Occupational Classification (SOC) Title and Code.** First-Line Supervisors/Managers of Mechanics, Installers, and Repairers 49-1011.

   f. **Related Military Skill.** Ordnance Vehicle Maintenance Chief, 2149.
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2112 Precision Weapons Repairer/Technician (NMOS)
2111 Small Arms Repairer/Technician (PMOS)
2131 Towed Artillery Systems Technician (PMOS)
2141 LAV Repairer/Technician PMOS
2146 Main Battle Tank Repairer/Technician (PMOS)
2147 LAV Repairer/Technician (PMOS)
2148 BFV Repairer/Technician (PMOS)
2149 Ordnance Vehicle Maintenance Chief (PMOS)
2161 Machinist (PMOS)
2171 Electro-Optical Ordnance Repairer (PMOS)
2181 Senior Ground Ordnance Weapons Chief (PMOS)

Figure 3-12.--Ground Ordnance Maintenance

Enclosure (1)

3-199
### MOS 2111, Small Arms Repairer/Technician

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**MOS Assignment:**
- **OPFOR:** Div HQ/FSSG/MAW
- **SE:** MCLB/MCRD/MCCDC/MCB/I&I Staff
- **OPFOR:** Div HQ/FSSG/MAW
- **SE:** MCB/MCRD/MCLB/MCCDC/MCLB/I&I Staff
- **OPFOR:** Div HQ/FSSG/MAW
- **SE:** MCB/MCRD/MCLB/MCCDC/MCLB/I&I Staff
- **OPFOR:** Div HQ/FSSG/MAW
- **SE:** MCCDC/MCB
- **OPFOR:** Div HQ/FSSG
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- **OPFOR:** Div HQ/FSSG
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### MOS 2112, Precision Weapons Repairer/Technician

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Figure 3-12.—Ground Ordnance Maintenance

3-200

Enclosure (1)
MOS Assignment:  
**OFFFOR:** Div HQ/FSSG/MAW  
**SE:** MCLB/MCRD/MCCDC/MB/I&I Staff

**SSGT**
- **Required Training:** Ground Ordnance Intermediate Level Supervisors Course
- **Required Training:** MCI Armory Procedures (2124G)

**SGT**
- **Required Training:** Ground Ordnance Intermediate Level Supervisors Course
- **Required Training:** MCI Armory Procedures (2124G)

**CPL**
- **Required Training:** Basic MOS Course

**MOS 2131, Towed Artillery Systems Technician (PMOS)**

**GYSGT**
- **Required Training:** Ground Ordnance Maintenance Chiefs Course

**SSGT**
- **Required Training:** Ground Ordnance Intermediate Level Supervisors Course

**SGT**
- **Required Training:** Ground Ordnance Intermediate Level Supervisors Course

**CPL**
- **Required Training:** Basic MOS Course

Figure 3-12.--Ground Ordnance Maintenance (continued)
MOS Assignment: 

LCPL Required Training: Basic MOS Course
Skill Progression: 
Skill Enhancement: 

PFC Required Training: Basic MOS Course
Skill Progression: 
Skill Enhancement: 

PVT Required Training: Basic MOS Course
Skill Progression: 
Skill Enhancement: 

MOS 2141, Assault Amphibious Vehicle Repairer/Technician (PMOS)

GYSGT Required Training: Ground Ordnance Maintenance Chiefs Course
Skill Progression: 
Skill Enhancement: 

SSGT Required Training: AAV IMA (MOS 2141) Tank System Technician (MOS 2146) LAV Technician (MOS 2147)
Skill Progression: 
Skill Enhancement: 

SGT Required Training: AAV IMA (MOS 2141) Tank System Technician (MOS 2146) LAV Technician (MOS 2147)
Skill Progression: 
Skill Enhancement: 

CPL Required Training: Basic MOS Course
Skill Progression: 
Skill Enhancement: 

LCPL Required Training: Basic MOS Course
Skill Progression: 
Skill Enhancement: 

Figure 3-12.--Ground Ordnance Maintenance (continued)
Skill Progression:  
Skill Enhancement:  
MOS Assignment:  
**OPFOR:** Div HQ/FSSG  
**SE:** MCLB/MCCDC/MB/MARCORSYSCOM

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**PFC**  
Required Training:  
Basic MOS Course  
Skill Progression:  
Skill Enhancement:  
MOS Assignment:  
**OPFOR:** Div HQ/FSSG  
**SE:** MCLB/MCCDC/MB/MARCORSYSOM

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**PVT**  
Required Training:  
Basic MOS Course  
Skill Progression:  
Skill Enhancement:  
MOS Assignment:  
**OPFOR:** Div HQ/FSSG  
**SE:** MCLB/MCCDC/MB/MARCORSYSOM

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**MOS 2146, Main Battle Tank (MBT) Repairer/Technician (PMOS)**  

**GYSGT**  
Required Training:  
Skill Progression:  
Skill Enhancement:  
Ground Ordnance Maintenance Chiefs Course  
MOS Assignment:  
**OPFOR:** Div HQ/FSSG  
**SE:** MCLB/MCCDC/I&I Staff/Instr-Jt Scol

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**SSGT**  
Required Training:  
Skill Progression:  
Skill Enhancement:  
AAV IMA (2141) Tank System Technician (MOS 2146) LAV Technician (MOS 2147)  
MOS Assignment:  
**OPFOR:** Div HQ/FSSG  
**SE:** MCLB/MCCDC/I&I Staff/Instr-Jt Scol

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**SGT**  
Required Training:  
Skill Progression:  
Skill Enhancement:  
AAV IMA (2141) Tank System Technician (MOS 2146) LAV Technician (MOS 2147)  
MOS Assignment:  
**OPFOR:** Div HQ/FSSG  
**SE:** MCLB/MCCDC/I&I Staff/Instr-Jt Scol

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**CPL**  
Required Training:  
Basic MOS Course  
Skill Progression:  
Skill Enhancement:  
MOS Assignment:  
**OPFOR:** Div HQ/FSSG  
**SE:** MCLB/MCCDC/I&I Staff/Instr-Jt Scol

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**LCPL**  
Required Training:  
Basic MOS Course  
Skill Progression:  
Skill Enhancement:

Figure 3-12.--Ground Ordnance Maintenance (continued)

3-203  
Enclosure (1)
### MOS 2147, Light Armored Vehicle (LAV) Repairer/Technician (PMOS)

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**PFC**
- **Required Training:** Basic MOS Course
- **Skill Progression:**
- **Skill Enhancement:**
- **MOS Assignment:**
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  - MARCORSYSCOM

**PVT**
- **Required Training:** Basic MOS Course
- **Skill Progression:**
- **Skill Enhancement:**
- **MOS Assignment:**
  - OFFOR: Div HQ/FSSG
  - SE: MCLB/MCCDC/MCB/I&I Staff/
  - MARCORSYSCOM

**MOS 2148, Expeditionary Fighting Vehicle (EFV) Repairer/Technician (PMOS)**

**GYSGT**
- **Required Training:**
- **Skill Progression:**
- **Skill Enhancement:**
- **MOS Assignment:**
  - OFFOR: Div HQ/FSSG
  - SE: MCLB/MCCDC/I&I Staff/
  - MARCORSYSCOM/MCB

**SSGT**
- **Required Training:**
- **Skill Progression:**
- **Skill Enhancement:**
- **MOS Assignment:**
  - OFFOR: Div HQ/FSSG
  - SE: MCLB/MCCDC/MCB/I&I Staff/
  - MARCORSYSCOM

**SGT**
- **Required Training:**
- **Skill Progression:**
- **Skill Enhancement:**
- **MOS Assignment:**
  - OFFOR: Div HQ/FSSG
  - SE: MCLB/MCCDC/MCB

**CPL**
- **Required Training:** Basic MOS Course
- **Skill Progression:**
- **Skill Enhancement:**
- **MOS Assignment:**
  - OFFOR: Div HQ/FSSG
  - SE: MCLB/MCCDC/MCB

**LCPL**
- **Required Training:** Basic MOS Course
- **Skill Progression:**
- **Skill Enhancement:**

Figure 3-12.--Ground Ordnance Maintenance (continued)
MOS Assignment: **PFC**
Skill Progression:
Skill Enhancement:
MOS Assignment: **PVT**
Skill Progression:
Skill Enhancement:
OPFOR: Div HQ/FSSG
SE: MCLB/MCCDC/MCB/I&I Staff/MARCORSYSCOM

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**MOS 2149, Ordnance Vehicle Maintenance Chief (PMOS)**

**MGYSGT**
Required Training:
Skill Progression:
Skill Enhancement:
MOS Assignment: **MSGT**
Required Training:
Skill Progression:
Skill Enhancement:
MOS Assignment: **GYSGT**
Required Training:
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Skill Enhancement:
MOS Assignment: **SSGT**
Required Training:
Skill Progression:

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**MOS 2171, Electro-Optical Ordnance Repairer (PMOS)**

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Figure 3-12.--Ground Ordnance Maintenance (continued)
Skill Progression:  Skill Enhancement:  MOS Assignment:  
Ground Ordnance Intermediate Level Supervisors Course  OPFOR: Div HQ/FSSG
SE: MCCDC/I&I Staff MCB

CPL  Required Training:  Basic MOS Course
Skill Progression:
Skill Enhancement:
MOS Assignment:  OPFOR: Div HQ/FSSG
SE: MCCDC/I&I Staff/MCB

LCPL  Required Training:  Electro-Optical Repairer Course
Skill Progression:
Skill Enhancement:
MOS Assignment:  OPFOR: Div HQ/FSSG
SE: MCLB/MCCDC/MCB

PFC  Required Training:  Electro-Optical Repairer Course
Skill Progression:
Skill Enhancement:
MOS Assignment:  OPFOR: Div HQ/FSSG
SE: MCLB/MCCDC/MCB

PVT  Required Training:  Electro-Optical Repairer Course
Skill Progression:
Skill Enhancement:
MOS Assignment:  OPFOR: Div HQ/FSSG
SE: MCLB/MCCDC/MCB

MOS 2181, Senior Ground Ordnance Weapons Chief (PMOS)

MGYSgt  Required Training:
Skill Progression:
Skill Enhancement:
MOS Assignment:  OPFOR: Div HQ/FSSG
SE: MCLB/MCCDC/MCB

MSGT  Required Training:  Weapons Chiefs Course
Skill Progression:
Skill Enhancement:
MOS Assignment:  OPFOR: None
SE: MCLB/MCCDC/Instr-Jt Scol/MCB/I&I Staff/MCRD

Figure 3-12.--Ground Ordnance Maintenance (continued)
3120. OCCUPATIONAL FIELD 23, AMMUNITION AND EXPLOSIVE ORDNANCE DISPOSAL

1. Introduction. The Ammunition and EOD OccFld includes planning, operations, and management related to a very hazardous group of materiel. These MOSs require personnel who are mature, mentally sound, and have evidenced a willingness and capability to perform their assigned duties in a reliable manner. The duties MOSs in this field are as follows: the ammunition technician handles, transports, and stores all type of ammunition, explosives, missiles, inspects materiel to determine serviceability and need for repair or destruction; the EOD technician provides the commander with the capability to neutralize hazards associated with conventional explosive ordnance, weapons of mass destruction (WMD) and improvised explosive devices (IED); and conducts ordnance technical intelligence and dynamic explosive entry.

2. MOS 2311, Ammunition Technician (MGySgt to Pvt) PMOS
   a. Summary. Ammunition Technicians work in every facet of the ammunition field, including receipt, storage, issue, and handling of ammunition and toxic chemicals.
   b. Prerequisites
      (1) Must be a U.S. Citizen.
      (2) Must possess a GT score of 100 or higher.
      (3) Security requirement: Secret security clearance eligibility.
      (4) Must have normal color vision.
      (5) No convictions by court-martial, civilian courts, or nonjudicial punishment of any type involving larceny, theft, or trafficking of any controlled substances.
   c. Requirements
      (1) Complete the Enlisted Ammunition Specialist Course (A2123C1) Ft Lee, VA.
      (2) Marines who handle ammunition and explosives must meet the criteria to be qualified and certified in accordance with reference (bf).
      (3) Marines who are assigned MOS 2311 as their primary duties must be capable of meeting the command screening requirements in reference (bg).
   d. Duties. For a complete listing of duties and tasks, refer to reference (ck), Ammunition Technician/Officer Training and Readiness Manual.
   e. Related Standard Occupational Classification (SOC) Title and Code. Explosives Workers, Ordnance Handling Experts, and Blasters 47-5031.

3. MOS 2336, Explosive Ordnance Disposal (EOD) Technician (MGySgt to Sgt) PMOS
   a. Summary. Explosive Ordnance Disposal (EOD) Technicians perform various duties may include locating, accessing, identifying, rendering safe,
neutralizing, and disposing of hazards from foreign and domestic, chemical biological radiological nuclear and high-yield explosive (CBRNE), unexploded explosive ordnance (UXO), improvised explosive device (IED), and weapons of mass destruction (WMD) that present a threat to operations, installations, personal, or material.

b. Prerequisites

(1) Must be a U.S. Citizen; cannot be a dual citizen.

(2) Must possess a GT score of 110 or higher.

(3) Security requirement: Secret security clearance eligibility. It is recommended that MGySgt and MSgt possess a top secret security eligibility.

(4) Must meet all requirements for assignment to a critical position within the Nuclear Weapons Personnel Reliability Program (PRP); refer to reference (1), SECNAVINST 5510.35B.

(5) Must be screened per NAVMC Form 11361, Explosive Ordnance Disposal (EOD) lateral Move Screening Checklist.

(6) Must have a first class Physical Fitness Test (PFT) (accomplished during the EOD screening process).

(7) Be a volunteer in the grade of Sergeant or Corporal in any MOS. Sergeants requesting a lateral move to EOD must not be selected for Staff Sergeant in their current MOS.

(8) Must have normal color vision and no claustrophobic tendencies. (Bomb suit agility test will be administered during the EOD screening.)

(9) Must meet the medical requirements listed in article 15-107 of reference (ak) for explosive handling and/or explosive driver.

c. Requirements.

(1) Requirements for continued qualification and progression training are:

(a) All EOD Technicians will be annually screened for continued service in the EOD MOS using NAVMC Form 11362. Based on the comprehensive standards covered under NAVMC 11362, EOD technicians will not be screened using NAVMC Form 11386.

(b) The following core competencies must be trained to sustained by all EOD technicians:

1. Render safe of explosive ordnance (EO)
2. WMD operations.
3. IED defeat operations.
4. Disassembly and inserting.
5. Post blast investigation.
6. Advanced TTPs for EOD tools and equipment.
7. Advanced electronics.
8. Specialized demolition techniques.
9. EOD robotics employment and usage.
10. UXO operations.
11. Destruction of explosive ordnance.
12. Explosive ordnance exploitation.
14. Homemade explosive (HME) ID and neutralization.

d. **Duties.** For a complete listing of duties and tasks, refer to reference (ci), Explosive Ordnance Disposal Technician/Officer Training and Readiness Manual and also reference (bh), MCO 3571.2G, Marine Corps EOD Program.

e. **Related Standard Occupational Classification (SOC) Title and Code.** Command and Control Center Specialists 55-3015.
f. **Related Military Skill.** None.
MOS TITeL

2300 Basic Ammunition and Explosive Ordnance Disposal Marine (Basic MOS)
2311 Ammunition Technician (PMOS)
2336 Explosive Ordnance Disposal Technician (PMOS)

Figure 3-13.—Ammunition and Explosive Ordnance Disposal
### MOS 2311, Ammunition Technician (PMOS)

<table>
<thead>
<tr>
<th>Ranks</th>
<th>Required Training</th>
<th>Skill Progression</th>
<th>Skill Enhancement</th>
<th>MOS Assignment</th>
</tr>
</thead>
<tbody>
<tr>
<td>MGS GT</td>
<td>Officer Ammunition Managers Course (A21GFL1)</td>
<td>Officer Ammunition Managers Course</td>
<td>OFFOR: Div HQ/FSSG/AMMCCO/HQ MARFORLANT SE: Redstone Arsenal</td>
<td></td>
</tr>
<tr>
<td>MSGT</td>
<td>Officer Ammunition Managers Course</td>
<td>OFFOR: MEF/FSSG/MARFORPAC SE: Instructor/Redstone Arsenal/Rock Island/HQMC</td>
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<td></td>
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<tr>
<td>GYS GT</td>
<td>War Fighting Skills Course</td>
<td>Explosive Hazard Control Motor Vehicle/Railcar Shipment Regulations Ammunition Inspections Course</td>
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<tr>
<td>SS GT</td>
<td>War Fighting Skills Course</td>
<td>Explosive Hazard Control Motor Vehicle/Railcar Shipment Regulations Ammunition Inspections Course</td>
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<tr>
<td>SGT</td>
<td>Motor Vehicle/Railcar Inspection Course</td>
<td>Enlisted Ammunition NCO Course (A21GPK1)</td>
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<tr>
<td>CPL</td>
<td>Motor Vehicle/Railcar Inspection Course</td>
<td>Enlisted Ammunition NCO Course (A21GPK1)</td>
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</table>

Figure 3-13.—Ammunition and Explosive Ordnance Disposal

3-213 Enclosure (1)
MOS Assignment: OPFOR: MEF/Div HQ/MAW/FSSG/MEU/Regt/Bn/Co
SE: None

LCPL Required Training: Enlisted Ammunition Specialist Course
Skill Progression:
Skill Enhancement:
MOS Assignment: OPFOR: None
SE: None

PFC Required Training: Enlisted Ammunition Specialist Course
Skill Progression:
Skill Enhancement:
MOS Assignment: OPFOR: None
SE: None

PVT Required Training: Enlisted Ammunition Specialist Course
Skill Progression:
Skill Enhancement:
MOS Assignment: OPFOR: None
SE: None

MOS 2336, Explosive Ordnance Disposal Technician (PMOS)

MGYSGT Required Training: Weapons of Mass Destruction (WMD) Command, Control, and Coordination (WMDC3)
Nuclear Radiological Incident Management (NRIM)
Skill Progression:
Skill Enhancement: WMD Seminars
MOS Assignment: OPFOR: MEF/MLG/MAW/MARSOC
SE: HQMC/NAVSCOLEOD/EODTECHDIV/MCB/MCAS

MSGT Required Training: Advanced Explosive Investigative Techniques (AEIT)
Skill Progression: Advanced IED Disposal School (AIEDD)
Skill Enhancement: Hazardous Devices School (HDS)
Dynamics of International Terrorism (DIT)
Joint EOD Improvised Nuclear and Radiological Dispersal Device Recognition Course (JEIRRC)
WMD Command, Control, and Coordination (WMDC3)
Nuclear Radiological Incident Management (NRIM)
MOS Assignment: Methods of Entry Supervisors Course
OPFOR: MEF/MLG/MAW/MARSOC
SE: MARCORSYS/NAVSCOLEOD/NAVEODTECHDIV/MB/MB
------------------------------
GYSGT Required Training: Advanced Explosives Destruction Techniques (AEDT)
LVBIED Course
Advanced IED Disposal School (AIEDD)
Nuclear Emergency Team Operations Course (METOPS)
Skill Progression: Methods of Entry Supervisors Course
Skill Enhancement: Dynamics of International Terrorism (DIT)
Joint EOD Improvised Nuclear and Radiological Dispersal Device Recognition Course (JEIRRC)
Global Anti-Terrorism Operational Readiness Course (GATOR)
Hazardous Devices School (HDS)
British IED School
Canadian IED School
MOS Assignment: Technical Escort School
OPFOR: MEF/MLG/MAW/MARSOC
SE: NAVSCHOOL/NAVEODTECHDIV/MB/MB
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Figure 3-13.--Ammunition and Explosive Ordnance Disposal (continued)
<table>
<thead>
<tr>
<th>MOS Assignment:</th>
<th>SGT Required Training:</th>
<th>Skill Progression:</th>
<th>Skill Enhancement:</th>
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<tbody>
<tr>
<td></td>
<td>Joint Nuclear EOD Course (JNEODC)</td>
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<td>Nuclear Weapons Orientation Course (NWOC)</td>
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<td>Nuclear Emergency Team Operations Course (NETOPS)</td>
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<td>Advanced IED Disposal School (AIEDD)</td>
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<td>Post Blast</td>
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<td></td>
<td>Homemade Explosives (HME)</td>
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<td>Confined Spaces</td>
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<td></td>
<td>Hazardous Material Operators Course</td>
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<td></td>
<td>Methods of Entry Basic Course</td>
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<td></td>
<td>Advanced Explosive Investigative Techniques (AEIT)</td>
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<td>LVBIED Course</td>
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<td>Technical Escort School</td>
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<td>Global Anti-Terrorism Operational Readiness Course (GATOR)</td>
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<td>OPFOR: MEF/MLG/NAV/MAW/MARSOC</td>
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<td></td>
<td>SE: MCAS/MCB/NAVSCOLEOD/NAVEODTECHDIV</td>
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<tr>
<th>MOS Assignment:</th>
<th>SGT Required Training:</th>
<th>Skill Progression:</th>
<th>Skill Enhancement:</th>
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<tbody>
<tr>
<td></td>
<td>Explosive Ordnance Disposal Basic (Surface)</td>
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<td>Post Blast</td>
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<td></td>
<td>Homemade Explosives (HME)</td>
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<td>Nuclear Emergency Team Operations Course (NETOPS)</td>
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<td>Confined Spaces</td>
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<td>Hazardous Material Operators Course</td>
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<td></td>
<td>Explosive Driver</td>
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<td></td>
<td>Methods of Entry Basic Course</td>
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<td>Global Anti-Terrorism Operational Readiness Course (GATOR)</td>
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<td>Nuclear Weapons Orientation Course (NWOC)</td>
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<td></td>
<td>Joint Nuclear EOD Course (JNEODC)</td>
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Figure 3-13.--Ammunition and Explosive Ordnance Disposal (continued)
Figure 3-13.--Ammunition and Explosive Ordnance Disposal (continued)
3121. OCCUPATIONAL FIELD 26, SIGNALS INTELLIGENCE/GROUND ELECTRONIC WARFARE

1. Introduction. The Signals Intelligence/Ground Electronic Warfare (SIGINT)/EW OccFld includes the employment of Signals Intelligence (SIGINT), Electronic Warfare (EW), Computer Network Operations (CNO), and Special Intelligence Communications (SPINTCOM) capabilities. Marines in this field collect and analyze data to produce and disseminate intelligence. Marines in the SIGINT/EW field will be required to set up and operate collection and communications electronic equipment, prepare intelligence reports, conduct preventive maintenance on assigned equipment, and assist in the operational control and management of SIGINT/EW personnel, equipment, and facilities. Entry-level jobs include Special Communications Signals Intercept Collection Operator, Electronic Intelligence (ELINT) Intercept Operator, Special Intelligence System Administrator/Communicator, or Cryptologic Linguist. Marines can also enter the SIGINT field at the grade of corporal or sergeant. Sergeants requesting latmove into the 26 OccFld must have no more than 1 year time in grade. Duty assignments include Marine Special Operations Command, Marine Cryptologic Support Battalion, Radio Battalions, Intelligence Battalions, the Air Wing VMAQs, the Special Security Communications Teams (SSCTS), and the staff sections of the Marine divisions and wings. All personnel are expected to become familiar with Information Operations/Information Warfare, support to intelligence computerized networks, and Marine tactical SIGINT/EW operations to include: electronic attack (EA), electronic protects (EP), electronic support (ES), and radio direction-finding functions.

2. MOS 2611, Cryptologic Digital Network Operator/Analyst (MGySgt to LCpl) NMOS (2621, 2631, 2651, 2671, 2673, 2674, 2676, 2691)

   a. Summary. This is a NMOS that requires extensive digital network operations training. Cryptologic Digital Network Operators are involved in all facets of planning and conducting digital network operations, and perform traditional signals intelligence (SIGINT) support as deemed necessary by the unit commander. Operators must be familiar with computer hardware and software programs to include network operating systems. The duties for MOS 2611 increase at the rank of staff sergeant and above to encompass digital network analysis product reporting, information operations planning support, and supervisory tasks and functions. This MOS will be assigned to Marines in the 2600 OccFld. This MOS will be assigned and voided only by authority of the CMC (NM).

   b. Prerequisites

   (1) Must be currently assigned the PMOS 2621, 2631, 2651, 2671, 2673, 2674, 2676 or 2691.

   (2) Must be a U. S. Citizen.

   (3) Must possess a GT score of 100 or higher.


   (5) Must have no hearing defects.

   c. Requirements. Complete the Joint Cyber Analysis Course.

   d. Duties. For a complete listing of duties and duties and tasks, refer to reference (r), Signal Intelligence Training and Readiness Manual.
e. Related Standard Occupational Classification (SOC) Title and Code. No civilian equivalent.

f. Related Military Skill

(1) Communication Signals Collection Operator/Analyst, 2621.

(2) Special Intelligence Systems Administrator/Communicator, 2651.

(3) Signals Intelligence Analyst, 2629.

(4) Electronic Intelligence (ELINT) Intercept Operator/Analyst, 2631.

3. MOS 2621, Special Communications Signals Collection Operator/Analyst (GySgt to Pvt) PMOS

a. Summary. Special Communications Signals Collection Operators/Analysts exploit every phase of communications signals and digital network systems by engaging in collection, analysis, active SIGINT, and electronic warfare (EW). Additional skills include planning, coordinating, and executing operations from start to finish while utilizing both program of record equipment as well as commercially acquired equipment and field-expedient antennas and the maintenance thereof. Operators must perform communications electronic signals search missions, record of intercept of signals using electronic means, measure, classify, and evaluate signals. Operators must be familiar with communications intercept receivers, specialized computer hardware and software programs, and wideband converters in the process of collecting, recording, analyzing, and reporting on a wide variety of intercepted communications signals. Operators must be familiar with and be able to execute full spectrum EW operations encompassing all three subsets: Electronic Support, Electronic Protect, and Electronic Attack, and the correct reporting thereof. Knowledge within the EW skill set will progress from beginner to intermediate to advanced. Secondary duties and tasks involve aspects of transmission security (TRANSEC), communications security (COMSEC), and direction-finding (DF) operations. Prior to, or in conjunction with being promoted to Sergeant, Marines will receive formal schooling in signals analysis, traffic analysis, and reporting procedures as part of their career progression. The duties and tasks for MOS 2621 increase at the rank of sergeant and above to encompass communications intelligence analysis and product reporting along with supervisory tasks and functions. A percentage of 2621s will undergo foreign language training. Qualified Marines may fill billets that require foreign language skills to monitor, transcribe, and translate intercepted target communications. DOD has stated a career goal for professional linguists of achieving Interagency Language Roundtable "General Professional Proficiency" (Level-3) in three modalities (listening, reading, and/or speaking) required to perform his or her primary function. Linguists are encouraged to take advantage of language training events in order to achieve this goal. This MOS will be assigned and voided only by the authority of the CMC (MM). All records must be maintained according to NARA-approved dispositions per references (cu) and (cv).

b. Prerequisites

(1) Must be a U.S. Citizen.

(2) Must possess a GT score of 100 or higher.

(3) Security requirement: SCI security clearance eligibility.
(4) No hearing defects.

c. Requirements.

(1) Complete the Communications Signals Collection and Processing Course.

(2) Complete the Tactical SIGINT Operators Course.

d. Duties. For a complete listing of duties and tasks, refer to reference (r), Signals Intelligence Training and Readiness Manual.


f. Related Military Skill. Electronic Intelligence (ELINT) Intercept Operator/Analyst, 2631.

4. MOS 2629, Signals Intelligence Analyst (MGySgt to Cpl) NMOS (2621, 2631, 267X)

a. Summary. This is a NMOS that requires formal analysis and reporting training. Signals Intelligence Analysts duties encompass all facets of signals intelligence analysis and supervision of selected collection and EW/COMSEC operations. In this function, the analyst develop and maintain records on technical aspects of target emitters, develop and maintain communications order of battle files, situation maps, and other related SIGINT files. All records must be maintained according to NARA-approved dispositions per references (cu) and (cv). Analysts prepare and issue reports to include intelligence reports, technical reports, and summaries. Analyst may be required to perform Signals Intelligence briefings. This MOS will be assigned to Marines holding MOSs 2621, 2631, and 267X. This MOS will be assigned and voided only by authority of the CMC (MM).

b. Prerequisites

(1) Must be a U.S. Citizen.

(2) Must possess a GT score of 100 or higher.

(3) Security requirement: SCI security clearance eligibility.

c. Requirements

(1) Complete the Marine Analysis and Reporting Course (MARC).

(2) Incur a 2 year service obligation.

d. Duties. For a complete listing of duties and tasks, refer to reference (r), Signals Intelligence Training and Readiness Manual.


f. Related Military Skill

(1) Electronic Intelligence (ELINT) Intercept Operator/Analyst, 2631.

(2) Communications Signals Collection Operator/Analyst, 2621.

3-220 Enclosure (1)
(3) Cryptologic Linguist, 267X.

5. MOS 2631, Electronic Intelligence (ELINT) Intercept Operator/Analyst (GySgt to Pvt) PMOS

   a. Summary. ELINT Intercept Operators/Analysts duties encompass all facets of ELINT transmissions intercept and analysis including installation, operation, and preventive maintenance of associated equipment. Operators must perform electronic signals search missions, record the intercept of signals using electronic means, and measure, classify, and evaluate the signal. Operators perform signals analysis, prepare electronic order of battle appraisals, and map overlays as required. They may also operate the Signals Intelligence (SIGINT) support equipment, to include systems setup, operations reporting, computer processing of tape recordings, issuing necessary EW reports, assisting in air crew training/briefings, and performing routine preventive maintenance as required. Tape recordings, map overlays, EW reports, et al., are Federal records and must be maintained according to NARA-approved dispositions per references (cu) and (cv). Operators are trained in the use of the Integrated Broadcast Receiver/Systems and GALE-Lite. Operators need to be familiar with Electronic Warfare (EW) operations to include Electronic Support, Electronic Protect, and Electronic Attack, and be prepared to contribute to MAGTF EW operations at either the team or battalion level. Knowledge within the EW skill set will progress from beginner to intermediate to advance as part of their career progression. This MOS will be assigned and voided only by authority of the CMC (MM).

   b. Prerequisites

      (1) Must be a U.S. Citizen.

      (2) Must possess a GT score of 100 or higher.

      (3) Security requirement: SCI security clearance eligibility.

   c. Requirements

      (1) Complete the entry level ELINT Course.

      (2) Complete the Tactical SIGINT Operators Course.

   d. Duties. For a complete listing of duties and tasks, refer to reference (r), Signals Intelligence Training and Readiness Manual.


   f. Related Military Skill. Special Communications Signals Collection Operator/Analyst, 2621.

6. MOS 2651, Special Intelligence System Administrator/Communicator (MGySgt to Pvt) PMOS

   a. Summary. Special Intelligence System Administrators/Communicators duties encompass all aspects of special intelligence communications including the utilization of specialized classified communications equipment. Special intelligence communicators' duties include support to unit-unique computer security systems, power supply, and purpose-built mobile communications
platforms. Communicators also maintain files, log special intelligence communications related publications and perform other operational and administrative tasks. Additionally, Marines assigned this MOS will receive training in MOS related requirements including unit unique computer security systems, and the operation of power supply. This MOS will be assigned and voided only by the authority of the CMC (MM).

b. Prerequisites

(1) Must be a U.S. Citizen.
(2) Security requirement: SCI security clearance eligibility.
(3) Must possess a GT score of 100 or higher.

c. Requirements.

(1) Complete the Signals Intelligence Communicator Course.
(2) Complete the Tactical SIGINT Operators Course.

d. Duties. For a complete listing of duties and tasks, refer to reference (r), Signals Intelligence Training and Readiness Manual.


7. MOS 2671, Middle East Cryptologic Linguist (GySgt to Pvt) PMOS

a. Summary. Cryptologic Linguists monitor, transcribe, and translate intercepted target communications; perform analysis and exploitation of designated foreign communications; and install, operate, and perform preventive maintenance of intercept equipment. Following basic qualification as a Linguist (MOS 2711-2729), Marines attend a specialized course of instruction and upon completion are assigned the appropriate MOS. Secondary duties and tasks include aspects of EW/COMSEC and direction-finding operations. In addition, Marines assigned MOS 2671 receive MOJT in such MOS related requirements as power supply operation, equipment prime mover (truck) operation, and vehicle maintenance procedures. Intermediate and advanced language training is available. Prior to, or in conjunction with being promoted to staff sergeant, Marines will receive Traffic Analysis training (formal school or MOJT). DOD has stated a career goal for professional linguist of achieving interagency Language Roundtable "General Professional Proficiency" (Level-3) in those modalities (listening, reading and/or speaking) required to perform his or her primary function. Cryptologic Linguists are encouraged to take advantage of language training events in order to achieve this goal. Operators need to be familiar with Electronic Warfare (EW) operations to include Electronic Support, Electronic Protect, and Electronic Attack, and be prepared to contribute to MAGTF EW operations at either the team or battalion level. Knowledge within the skill set will progress from beginner to intermediate to advance as part of their career progression. Prior to advancement to master sergeant (2691), opportunities are provided for linguists to attend supervisory-level courses in preparation for management/leadership assignments. This MOS will be assigned and voided only by the authority of the CMC (MM).
b. Prerequisites

(1) Must be a U.S. Citizen.

(2) Must possess a GT score of 105 or higher.

(3) A Defense Language Aptitude Battery minimum score of 110 or higher, may be waived to 100, or demonstrated proficiency in the appropriate language by achieving minimum Level 2 proficiency on the listening and reading portions of the DLPT in accordance with reference (bi).

(4) Must be a graduate of the prescribed Cryptologic Technical Course and maintain a minimum proficiency of L2/R2 on the Defense Language Proficiency Test (DLPT), in accordance with reference (bi).

(5) Security requirement: SCI security clearance eligibility

(6) No speech or hearing defects.

c. Requirements

(1) Complete the requirements for assignment of an MOS 2711-2729 and the Voice Processing Specialist Course.

(2) Complete the Tactical SIGINT Operators Course.

d. Duties. For a complete listing of duties and tasks, refer to reference (r), Signals Intelligence Training and Readiness Manual.


8. MOS 2673, Asia-Pacific Cryptologic Linguist (GySgt to Pvt) PMOS

a. Summary. Cryptologic Linguists monitor, transcribe, and translate intercepted target communications; perform analysis and exploitation of designated foreign communications; and install, operate, and perform preventive maintenance of intercept equipment. Following basic qualification as a linguist (2733-2749), Marines attend a specialized course of instruction and upon completion are assigned the appropriate MOS. Secondary duties and tasks include aspects of EW/COMSEC and direction-finding operations. In addition, Marines assigned MOS 2673 receive MOJT in such MOS-related requirements as power supply operation, equipment prime mover (truck) operation, and vehicle maintenance procedures. Intermediate and advanced language training is available. Prior to, or in conjunction with being promoted to staff sergeant, Marines will receive Traffic Analysis Training (formal school or MOJT). DOD has stated a career goal for professional linguist of achieving interagency Language Roundtable "General Professional Proficiency" (Level-3) in those modalities (listening, reading and/or speaking) required to perform his or her primary function. Cryptologic Linguists are encouraged to take advantage of language training events in order to achieve this goal. Operators need to be familiar with electronic Warfare (EW) operations to include Electronic Support, Electronic Protect, and Electronic Attack, and be prepared to contribute to MAGTF EW operations at either the team or battalion level. Knowledge within the skill set will progress from beginner to intermediate to advance as part of their career.
progression. Prior to advancement to master sergeant (MOS 2691), opportunities are provided for linguists to attend supervisory-level courses in preparation for management/leadership assignments. This MOS will be assigned and voided only by the authority of the CMC (MM).

b. Prerequisites

(1) Must be a U.S. Citizen.

(2) Must possess a GT score of 105 or higher.

(3) A Defense Language Aptitude Battery minimum score of 110 or higher, may be waived to 100, or demonstrated proficiency in the appropriate language by achieving minimum Level 2 proficiency on the listening and reading portions of the DLPT.

(4) Must be a graduate of the prescribed Cryptologic Technical Course and maintain a minimum proficiency of L2/R2 on the Defense Language Proficiency Test (DLPT), in accordance with reference (b).


(6) Must have no speech or hearing defects.

c. Requirements

(1) Complete the requirements for assignment of an MOS 2733-2749 and the Voice Processing Specialist Course.

(2) Complete the Tactical SIGINT Operators Course.

d. Duties. For a complete listing of duties and tasks, refer to reference (r), Signals Intelligence Training and Readiness Manual.


9. MOS 2674, European Cryptologic Linguist (GySgt to Evt) PMOS

a. Summary. Cryptologic Linguists monitor, transcribe, and translate intercepted target communications; perform analysis and exploitation of designated foreign communications; and install, operate, and perform preventive maintenance of intercept equipment. Following basic qualification as a linguist (MOS 2754-2769), Marines attend a specialized course of instruction and upon completion are assigned the appropriate MOS. Secondary duties and tasks include aspects of EW/COMSEC and direction-finding operations. In addition, Marines assigned MOS 2674 receive MOJT in such MOS-related requirements as power supply operation, equipment prime mover (truck) operation, and vehicle maintenance procedures. Intermediate and advanced language training is available. Prior to, or in conjunction with being promoted to staff sergeant, Marines will receive Traffic Analysis training (formal school or MOJT). DOD has stated a career goal for professional linguist of achieving interagency Language Roundtable "General Professional Proficiency" (Level-3) in those modalities (listening, reading and/or speaking) required to perform his or her primary function. Cryptologic Linguists are encouraged to take advantage of language training events in
In order to achieve this goal, operators need to be familiar with Electronic Warfare (EW) operations to include Electronic Support, Electronic Protect, and Electronic Attack, and be prepared to contribute to MAGTF EW operations at either the team or battalion level. Knowledge with the skill set will progress from beginner to intermediate to advance as part of their career progression. Prior to advancement to master sergeant (2691), opportunities are provided for linguists to attend supervisory-level courses in preparation for management/leadership assignments. This MOS will be assigned and voided only by the authority of the CMC (MM).

b. Prerequisites
   (1) Must be a U.S. Citizen.
   (2) Must possess a GT score of 105 or higher.
   (3) A Defense Language Aptitude Battery minimum score of 95 or higher or demonstrated proficiency in the appropriate language by achieving minimum Level 2 proficiency on the listening and reading portions of the DLPT.
   (4) Must be a graduate of the prescribed Cryptologic Technical Course and maintain a minimum proficiency of L2/R2 on the Defense Language Proficiency Test (DLPT), in accordance with reference (bi).
   (6) Must have no speech or hearing defects.

c. Requirements
   (1) Complete the requirements for assignment of an MOS 2754-2769 and the Voice Processing Specialist Course.
   (2) Complete the Tactical SIGINT Operators Course.

d. Duties. For a complete listing of duties and tasks, refer to reference (r), Signals Intelligence Training and Readiness Manual.


f. Related Military Skill

10. MOS 2676, Central Asian Cryptologic Linguist (GySgt to Pvt) PMOS
   a. Summary. Cryptologic linguists monitor, transcribe, and translate intercepted target communications; perform analysis and exploitation of designated foreign communications; and install, operate, and perform preventive maintenance of intercept equipment. Following the basic Qualification as a linguist (MOSs 2772-2798), Marines attend a specialized course of instruction and upon completion are assigned the appropriate MOS. Secondary duties and tasks include aspects of EW/COMSEC and direction-finding operations. In addition, Marines assigned MOS 2676 receive MOJT in such MOS-related requirements as power supply operation, equipment prime mover (truck) operation, and vehicle maintenance procedures. Intermediate and advanced language training is available. Prior to, or in conjunction with being promoted to staff sergeant, Marines will receive Traffic Analysis training (formal school or MOJT). DOD has stated a career goal for professional
linguist of achieving interagency Language Roundtable "General Professional Proficiency" (Level-3) in those modalities (listening, reading and/or speaking) required to perform his or her primary function. Cryptologic Linguists are encouraged to take advantage of language training events in order to achieve this goal. Operators need to be familiar with Electronic Warfare (EW) operations to include Electronic Support, Electronic Protect, and Electronic Attack, and be prepared to contribute to MAGTF EW operations at either the team or battalion level. Knowledge within the skill set will progress from beginner to intermediate to advance as part of their career progression. Prior to advancement to master sergeant (2691), opportunities are provided for linguists to attend a national level supervisory course in preparation for management/leadership assignments. This MOS will be assigned and voided only by the authority of the CMC (MM).

b. Prerequisites

(1) Must be a U.S. Citizen.

(2) Must possess a GT score of 105 or higher.

(3) A Defense Language Aptitude Battery minimum score of 100 or higher or demonstrated proficiency in the appropriate language by achieving minimum Level 2 proficiency on the listening and reading portions of the DLPT.

(4) Must be a graduate of the prescribed Cryptologic Technical Course and maintain a minimum proficiency of L2/R2 on the Defense Language Proficiency Test (DLPT), in accordance with reference (bi).


(6) Must have no speech or hearing defects.

c. Requirements

(1) Complete the requirements for assignment of MOSs 2772-2798 and the Voice Processing Specialist Course.

(2) Complete the Tactical SIGINT Operators Course.

d. Duties. For a complete listing of duties and tasks, refer to reference (r), Signals Intelligence Training and Readiness Manual.


11. MOS 2691, Signals Intelligence/Electronic Warfare Chief (MGySgt and MSgt) PMOS

a. Summary. Duties of the SIGINT/EW Chiefs encompass planning SIGINT/EW operations, managing the deployment of SIGINT/EW personnel and assets, integrating collection, collection management, analysis, and dissemination efforts, and ensuring national-to-tactical SIGINT integration. SIGINT/EW Chiefs also supervise the activities of personnel performing communications intercept, electronic reconnaissance, radio direction finding, analysis and reporting functions, digital network operations, COMSEC, and other EW roles.
They may also be assigned to the intelligence staff of a Marine Air-Ground Task Force, division, or aircraft wing supervising special security and special intelligence support functions. Additionally, they serve in staff billets as operational advisors designated by the commander or cognizant staff officer. This MOS will be assigned and voided only by the authority of the CMC (MM).

b. Prerequisites

(1) Must be a U.S. Citizen.

(2) Must possess a GT score of 100 or higher.

(3) Security requirement: SCI security clearance eligibility.

(4) Must hold either MOS 2621, 2631, or 267X, and is familiar with all other SIGINT collection and analysis fields.

c. Requirements. See Requirements.

d. Duties. For a complete listing of duties and tasks, refer to reference (r), Signals Intelligence Training and Readiness Manual.


f. Related Military Skill. Special Intelligence Communicator, 2651.
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<thead>
<tr>
<th>MOS</th>
<th>TITLE</th>
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<tbody>
<tr>
<td>2600</td>
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<td>2611</td>
<td>Cryptologic Digital Network Technician/Analyst (NMOS)</td>
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<td>2621</td>
<td>Special Communications Signals Collection Operator/Analyst (PMOS)</td>
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<td>2631</td>
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Figure 3-14.--Signals Intelligence/Ground Electronic Warfare
MOS 2621, Special Communications Signals Collection Operator/Analyst (PMOS)

**GYSGT**

**Required Training:**
- Advanced Communications Signals Analysis Course (452)
- Intermediate Communications Signal Analysis Course (451)
- Analysis and Reporting Course
- Senior Military Cryptologic Supervisors Course (CROR-3200)
- Undergraduate Intelligence Program (UGIF)

**MOS Assignment:**
- OPFOR: Radio Bn
- SE: Marine Cryptologic Support Bn

**SSGT**

**Required Training:**
- Intermediate Communications Signal Analysis Course (451)
- Analysis and Reporting Course
- Senior Military Cryptologic Supervisors Course (CROR-3200)
- Undergraduate Intelligence Program (UGIF)

**MOS Assignment:**
- OPFOR: Radio Bn
- SE: Marine Cryptologic Support Bn

**SGT**

**Required Training:**
- Intermediate Communications Signal Analysis Course (451)
- Analysis and Reporting Course

**MOS Assignment:**
- OPFOR: Radio Bn
- SE: Marine Cryptologic Support Bn

**CPL**

**Required Training:**
- Intermediate Communications Signal Analysis Course (451)
- Analysis and Reporting Course
- Morse Code Intercept Operator Course

---

Figure 3-14.--Signals Intelligence/Ground Electronic Warfare

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Enclosure (1)
MOS Assignment: OPPOR: Radio Bn  
SE: Marine Cryptologic Support Bn

LCPL Required Training: Basic Signals Analysis Course (C450)
Skill Progression: EW/SIGINT
Skill Enhancement: OPPOR: Radio Bn  
SE: Marine Cryptologic Support Bn
MOS Assignment:

PFC Required Training: Basic Signals Analysis Course (C450)
Skill Progression: EW/SIGINT
Skill Enhancement: OPPOR: Radio Bn  
SE: Marine Cryptologic Support Bn
MOS Assignment:

PVT Required Training: Basic Signals Analysis Course (C450)
Skill Progression: EW/SIGINT
Skill Enhancement: OPPOR: Radio Bn  
SE: Marine Cryptologic Support Bn
MOS Assignment:

MOS 2629, Signal Intelligence Analyst (NMOS)

MGYSGT Required Training: OPPOR: Radio Bn  
SE: Marine Cryptologic Support Bn
Skill Progression:
Skill Enhancement:
MOS Assignment:

MSGT Required Training: OPPOR: Radio Bn  
SE: Marine Cryptologic Support Bn
Skill Progression:
Skill Enhancement:
MOS Assignment:

GYSGT Required Training: Analysis and Reporting Course
Skill Progression: Senior Military Cryptologic Supervisors Course CROR-3200
Skill Enhancement: OPPOR: Radio Bn  
SE: Marine Cryptologic Support Bn
MOS Assignment:

SSGT Required Training: Analysis and Reporting Course
Skill Progression: Senior Military Cryptologic Supervisors Course CROR-3200
Skill Enhancement: OPPOR: Radio Bn  
SE: Marine Cryptologic Support Bn
MOS Assignment:

SGT Required Training: Analysis and Reporting Course
Skill Progression: Intermediate Analysis and Reporting Course
Skill Enhancement:
MOS Assignment:

Figure 3-14.--Signals Intelligence/Ground Electronic Warfare (continued)
MOS Assignment: OPPOR: Radio Bn  
SE: Marine Cryptologic Support Bn

CPL  Required Training: Analysis and Reporting Course  
Skill Progression:  
Skill Enhancement:  
MOS Assignment: OPPOR: Radio Bn  
SE: Marine Cryptologic Support Bn

MOS 2631, Electronic Intelligence Intercept Operator/Analyst (PMOS)

GYSGT  Required Training:  
Skill Progression: Analysis and Reporting Course  
Skill Enhancement: National OpElint Course  
MOS Assignment: OPPOR: Radio Bn/VMAQ  
SE: Marine Cryptologic Support Bn

SSGT  Required Training:  
Skill Progression: National OpElint Course  
Skill Enhancement: Fundamentals of TEHELINT (EA-280)  
MOS Assignment: OPPOR: Radio Bn/VMAQ  
SE: Marine Cryptologic Support Bn

SGT  Required Training:  
Skill Progression: Fundamentals of TEHELINT (EA-280)  
Skill Enhancement: Analysis and Reporting Course  
MOS Assignment: OPPOR: Radio Bn  
SE: Marine Cryptologic Support Bn

CPL  Required Training:  
Skill Progression: Fundamental of TEHELINT (SIGE-2810)  
MOS Assignment: OPPOR: Radio Bn  
SE: Marine Cryptologic Support Bn

LCPL  Required Training: Entry Level ELINT  
Skill Progression:  
Skill Enhancement:  

Figure 3-14.--Signals Intelligence/Ground Electronic Warfare (continued)
MOS Assignment:  
OFFFOR: Radio Bn/VMAQ  
SE: Marine Cryptologic Support Bn

**PFC**

Required Training:  
Entry Level ELINT

Skill Progression:

Skill Enhancement:

MOS Assignment:  
OFFFOR: Radio Bn/VMAQ  
SE: Marine Cryptologic Support Bn

**PVT**

Required Training:  
Entry Level ELINT

Skill Progression:

Skill Enhancement:

MOS Assignment:  
OFFFOR: Radio Bn/VMAQ  
SE: Marine Cryptologic Support Bn

---

**2651, Special Intelligence System Administrator/Communicator (PMOS)**

**MGYSGT**

Required Training:

Skill Progression:

Skill Enhancement:  
Information Systems Security Manager (ISSM) Course

MOS Assignment:  
OFFFOR: Radio Bn/Spec Sec Comm Teams  
SE: Marine Cryptologic Support Bn

**MSGT**

Required Training:

Skill Progression:

Skill Enhancement:  
Information Systems Security Manager (ISSM) Course

MOS Assignment:  
OFFFOR: Radio Bn/Spec Sec Comm Teams  
SE: Marine Cryptologic Support Bn

**GYSGT**

Required Training:

Skill Progression:

Skill Enhancement:  
Basic Digital Network Analysis (BDNA) Course

Information Systems Security Manager (ISSM) Course

Advanced Network Analyst (ANA) Course

Journeyman Network Analyst (ANA) Course

Journeyman Networking Core Course

Network Security Vulnerability Technician (NSVT) Course

MOS Assignment:  
OFFFOR: Radio Bn/Spec Sec Comm Teams  
SE: Marine Cryptologic Support Bn

**SSGT**

Required Training:

Figure 3-14.--Signals Intelligence/Ground Electronic Warfare (continued)

3-232 Enclosure (1)
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Figure 3-14.—Signals Intelligence/Ground Electronic Warfare (continued)
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<td>Defense Language Institute intermediate or Advanced Language Course or Equivalent</td>
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<td>Undergraduate Intelligence Program (UGIP)</td>
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Figure 3-14.--Signals Intelligence/Ground Electronic Warfare (continued)
MOS Assignment: SSGT
Required Training: Defense Language Institute Intermediate Language or Advanced Course or Equivalent
Skill Progression: 
Skill Enhancement: Language Refresher Training

MOS Assignment: SGT
Required Training: Defense Language Institute Intermediate Language or Advanced Course or Equivalent
Skill Progression: 
Skill Enhancement: Language Refresher Training

MOS Assignment: CPL
Required Training: Language Refresher Training
Skill Progression: 
Skill Enhancement: Analyst and Reporting Course

MOS Assignment: LCPL
Required Training: Defense Language Institute Basic Language Course or Equivalent and Voice Processing Specialist
Skill Progression: 
Skill Enhancement: Analyst and Reporting Course

MOS Assignment: PFC
Required Training: Defense Language Institute Basic Language Course or Equivalent and Voice Processing Specialist

Figure 3-14.--Signals Intelligence/Ground Electronic Warfare (continued)
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**MOS 2673, Asia-Pacific Cryptologic Linguist (PMOS)**

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<td>Yonsei University-Korean Military Linguist Program</td>
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**Figure 3-14.--Signals Intelligence/Ground Electronic Warfare (continued)**

3-236

Enclosure (1)
Skill Enhancement: Senior Military Cryptologic Supervisors Course CROR-3200

Analysis and Reporting Course

Intermediate Analysis and Reporting Course

Undergraduate Intelligence Program (UGIP)

Yonsei University-Korean Military Linguist Program

MOS Assignment: OFFCOR: Radio Bn
SE: Marine Cryptologic Support Bn

SGT Required Training: Defense Language Institute Intermediate or Advanced Language Course or Equivalent

Language Refresher Training

Skill Progression: Analysis and Reporting Course

Skill Enhancement: Undergraduate Intelligence Program (UGIP)

Yonsel University-korean Military Language Program

MOS Assignment: OFFCOR: Radio Bn
SE: Marine Cryptologic Support Bn

CPL Required Training: Language Refresher Course

Skill Progression: Analysis and Reporting Course

MOS Assignment: OFFCOR: Radio Bn
SE: Marine Cryptologic Support Bn

LCPL Required Training: Defense Language Institute Basic Language Course or Equivalent and Voice Processing Specialist

Skill Progression: Analysis and Reporting Course

MOS Assignment: OFFCOR: Radio Bn
SE: Marine Cryptologic Support Bn

PFC Required Training: Defense Language Institute Basic Language Course or Equivalent and Voice Processing Specialist

Skill Progression: Analysis and Reporting Course

MOS Assignment: OFFCOR: Radio Bn
SE: Marine Cryptologic Support Bn

Figure 3-14.--Signals Intelligence/Ground Electronic Warfare (continued)
3121

PVT

Required Training: Defense Language Institute Basic Language Course or Equivalent and Voice Processing Specialist

Skill Progression:

Skill Enhancement: OFFOR: Radio Bn

MOS Assignment: SE: Marine Cryptologic Support Bn

MOS 2674, European Cryptologic Linguist (PMOS)

GYSGT

Required Training: Senior Military Cryptologic Supervisors Course (CROR-3200)

Skill Progression:

Skill Enhancement: Analysis and Reporting Course

MOS Assignment: Intermediate Analysis and Reporting Course

Spanish Military Language Analyst Program (SMLAP)

Defense Language Institute Intermediate or Advanced Language Course or Equivalent

Language Refresher Training

OFFOR: Radio Bn

SE: Marine Cryptologic Support Bn

SSGT

Required Training: Defense Language Institute Information or Advanced Intermediate or advanced Language Course or Equivalent

Skill Progression:

Skill Enhancement: Language Refresher Training

MOS Assignment: Senior Military Cryptologic Supervisors Course (CROR-3202)

Analysis and Reporting Course

Intermediate Analysis and Reporting Course

Spanish Military Language Analyst Program (SMLAP)

Undergraduate Intelligence Program (UGIP)

OFFOR: Radio Bn

SE: Marine Cryptologic Support Bn

Figure 3-14.--Signals Intelligence/Ground Electronic Warfare (continued)

3-238 Enclosure (1)
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MOS 2676, Central Asian Cryptologic Linguist

**GYSGT**

**Required Training:**
Senior Military Cryptologic Supervisors Course (CROR-3200)

**Skill Progression:**
Analysis and Reporting Course

**Skill Enhancement:**
Intermediate Analysis and Reporting Course

**MOS Assignment:**
Russian Military Language Analyst Program (RMLAP)

**OPFOR:**
Defense Language Institute Intermediate or Advanced Language Course or Equivalent

**SE:**
Language Refresher Training

**Undergraduate Intelligence Program (UGIP)**

**MOS Assignment:**
Persian Military Language Analyst Program (PMLAP)

**SE:**
Radio Bn

**Military:**
Marine Cryptologic Support Bn

---

**SSGT**

**Required Training:**
Defense Language Institute Intermediate or Advanced Language Course or Equivalent

**Skill Progression:**
Language Refresher Training

**Skill Enhancement:**
Senior Military Cryptologic Supervisors Course (CROR-3200)

**Analysis and Reporting Course**

**Undergraduate Intelligence Program (UGIP)**

**Russian Military Language Analyst Program (RMLAP)**

**Undergraduate Intelligence Program (UGIP)**

**Persian Military Language Analyst Program (PMLAP)**

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Figure 3-14.--Signals Intelligence/Ground Electronic Warfare (continued)

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Figure 3-14.--Signals Intelligence/Ground Electronic Warfare (continued)

3-241 Enclosure (1)
3122. OCCUPATIONAL FIELD 27, LINGUIST

1. Introduction. The linguist OccFld contains EMOSs broken down to identify specific foreign language skills. Qualifications require that Marines attend a formal language school or designated language dialect course or obtain and maintain a minimum proficiency of Level 2 with two modalities (listening, reading, or speaking) on the Defense Language Proficiency Test (DLPT). The DLPT is the current Department of Defense standard to determine foreign language proficiency and maintain quality control. Duties may involve direct supervision and participation in language translation/interpretation activities in support of the full range of military operational and intelligence matters encountered during contingencies, operations, and exercises. Formal schooling is provided to those Marines entering this OccFld as a part of the comprehensive training program for designated MOSs within the 26XX OccFld. However, required foreign language skills may be obtained through any combination of formal or informal training. These EMOSs will be assigned and voided by the CMC (MM) only.

2. MOS 2712, Arabic (Mod Std) (MGySgt-Pvt) EMOS

   a. Summary. Linguist MOSs are EMOSs used in conjunction with the 267X primary MOSs that indicate specialized foreign language skills, however, they are also used to identify language requirements associated with other intelligence MOSs and designated billets that require specific foreign language skills. Linguists supervise and participate in language translation/interpretation activities pertaining primarily to military operational and intelligence activities. The linguist MOSs will be assigned as EMOSs to identify those Marines with qualifying foreign language skills. The titles and MOSs will also be used to identify billets in T/Os requiring specific foreign language skills as a required billet MOS (BMOS). These EMOSs will be assigned and voided by the CMC (MM) only.

   b. Prerequisites. Must be proficient in Arabic (Mod Std).

   c. Requirements

      (1) Successfully complete the required course of instruction at the Defense Language Institute, or designated language dialect course. (Note: Individuals may also qualify for this EMOS by demonstrating proficiency in the appropriate language by achieving a minimum Level 2 proficiency with two modalities listening, reading, or speaking portions of the DLPT.)

      (2) Maintain a current qualifying DLPT score Level 2 in two modalities (listening, reading or speaking).

   d. Duties

      (1) Conducts interpretation and translation of foreign language to English and English to foreign language using phraseology selected to preserve the original intent, meaning, and emphasis.

      (2) Phrases ideas to avoid language that is stilted, unnatural, or difficult to understand.

      (3) Displays an impartial attitude toward each speaker as to facts and opinions expressed.
(4) Interprets into either English or foreign language statements made by participants in meetings, working parties, or similar non-technical activities.

(5) Interviews friendly non-English speaking civilians such as police, clergymen, and other Citizens to obtain information of military value.

(6) May be required to assist in the writing of reports, including opinion as to the credibility of the person interviewed, for use by unit commander and for dissemination to lower, adjacent, and higher headquarters.

(7) Translates into either English or the foreign language, written material of a non-technical nature.

(8) Establishes an archive file of language reference materials and lexical aids such as English to foreign language and foreign language to English dictionaries, cultural dictionaries, and glossaries of military terms.

e. **Related Standard Occupational Classification (SOC) Title and Code.** Interpreters and Translators 27-3091.

f. **Related Military Skill.** None.

3. **MOS 2713, Arabic (Egyptian) (MGySgt-Pvt) EMOS**

   a. **Summary.** Linguist MOSs are EMOSs used in conjunction with the 267X primary MOSs that indicate specialized foreign language skills, however, they are also used to identify language requirements associated with other intelligence MOSs and designated billets that require specific foreign language skills. Linguists supervise and participate in language translation/interpretation activities pertaining primarily to military operational and intelligence activities. The linguist MOSs will be assigned as EMOSs to identify those Marines with qualifying foreign language skills. The titles and MOSs will also be used to identify billets in T/Os requiring specific foreign language skills as required billet MOS (BMOS). These EMOSs will be assigned and voided by the CMC (MM) only.

   b. **Prerequisites.** Must be proficient in Arabic (Egyptian).

   c. **Requirements**

      (1) Successfully complete the required course of instruction at the Defense Language Institute, or designated language dialect course. (Note: Individuals may also qualify for this EMOS by demonstrating proficiency in the appropriate language by achieving a minimum Level 2 proficiency with two modalities listening, reading, or speaking portions of the DLPT.)

      (2) Maintain a current qualifying DLPT score Level 2 in two modalities (listening, reading or speaking).

   d. **Duties**

      (1) Conducts interpretation and translation of foreign language to English and English to foreign language using phraseology selected to preserve the original intent, meaning, and emphasis.
(2) Phrases ideas to avoid language that is stilted, unnatural, or difficult to understand.

(3) Displays an impartial attitude toward each speaker as to facts and opinions expressed.

(4) Interprets into either English or foreign language statements made by participants in meetings, working parties, or similar non-technical activities.

(5) Interviews friendly non-English speaking civilians such as police, clergymen, and other Citizens to obtain information of military value.

(6) May be required to assist in the writing of reports, including opinion as to the credibility of the person interviewed, for use by unit commander and for dissemination to lower, adjacent, and higher headquarters.

(7) Translates into either English or the foreign language, written material of a non-technical nature.

(8) Establishes an archive file of language reference materials and lexical aids such as English to foreign language and foreign language to English dictionaries, cultural dictionaries, and glossaries of military terms.


f. Related Military Skill. None.

4. MOS 2714, Arabic (Syrian) (MGySgt-Pvt) EMOS

a. Summary. Linguist MOSs are EMOSs used in conjunction with the 267X primary MOSs that indicate specialized foreign language skills, however, they are also used to identify language requirements associated with other intelligence MOSs and designated billets that require specific foreign language skills. Linguists supervise and participate in language translation/interpretation activities pertaining primarily to military operational and intelligence activities. The linguist MOSs will be assigned as EMOSs to identify those Marines with qualifying foreign language skills. The titles and MOSs will also be used to identify billets in T/Os requiring specific foreign language skills as required billet MOS (BMOS). These EMOSs will be assigned and voided by the CMC (MM) only.

b. Prerequisites. Must be proficient in Arabic (Syrian).

c. Requirements

(1) Successfully complete the required course of instruction at the Defense Language Institute, or designated language dialect course. (Note: Individuals may also qualify for this EMOS by demonstrating proficiency in the appropriate language by achieving a minimum Level 2 proficiency with two modalities listening, reading, or speaking portions of the DLPT.)

(2) Maintain a current qualifying DLPT score Level 2 in two modalities (listening, reading or speaking).
d. **Duties**

(1) Conducts interpretation and translation of foreign language to English and English to foreign language using phraseology selected to preserve the original intent, meaning, and emphasis.

(2) Phrases ideas to avoid language that is stilted, unnatural, or difficult to understand.

(3) Displays an impartial attitude toward each speaker as to facts and opinions expressed.

(4) Interprets into either English or foreign language statements made by participants in meetings, working parties, or similar non-technical activities.

(5) Interviews friendly non-English speaking civilians such as police, clergymen, and other Citizens to obtain information of military value.

(6) May be required to assist in the writing of reports, including opinion as to the credibility of the person interviewed, for use by unit commander and for dissemination to lower, adjacent, and higher headquarters.

(7) Translates into either English or the foreign language, written material of a non-technical nature.

(8) Establishes an archive file of language reference materials and lexical aids such as English to foreign language and foreign language to English dictionaries, cultural dictionaries, and glossaries of military terms.

e. **Related Standard Occupational Classification (SOC) Title and Code.**

Interpreters and Translators 27-3091.

(1) Interpreter 137.267-010.

(2) Translator 137.267-018.

f. **Related Military Skill.** None.

5. **MOS 2715, Arabic (Levantine) (MGySgt to Pvt) EMOS**

a. **Summary.** Linguist MOSs are EMOSs used primarily in conjunction with the 267X primary MOSs that indicate specialized foreign language skills. However, they are also used to identify language requirements associated with other MOSs and designated billets that require specific foreign language skills. Linguists supervise and participate in language translation/interpretation activities pertaining primarily to military operational and intelligence activities. The linguist MOSs will be assigned as EMOSs to identify those Marines with qualifying foreign language skills. The titles and MOSs will also be used to identify billets in T/Os requiring specific foreign language skills as required billet MOS (BMOS). These EMOSs will be assigned and voided by the CMC (MM) only.

b. **Prerequisites.** Must be proficient in Arabic (Levantine).
c. Requirements

(1) Successfully complete the required course of instruction at the Defense Language Institute. (Note: Individuals may also qualify for this EMOS by demonstrating proficiency in the appropriate language by achieving a minimum Level 2 proficiency with two modalities, listening, reading, or the speaking portions of the Defense Language Proficiency test (DLPT).

(2) Maintain a current qualifying Defense Language Proficiency Test (DLPT) with two modalities (listening, reading or speaking) Level 2.

d. Duties

(1) Conducts bi-directional consecutive interpretation of target language to English and English to target language using phraseology selected to preserve the original intent, meaning, and emphasis.

(2) Phrases ideas to avoid language that is stilted, unnatural, and difficult to understand.

(3) Displays an impartial attitude toward each speaker and to facts and opinions expressed.

(4) Interprets into either English or target language the statements made by participants in conferences, working parties, and all similar activities.

(5) Interviews friendly non-English speaking civilians such as police, clergymen, and other Citizens to obtain information of military value.

(6) Writes reports, including opinion as to the credibility of the person interviewed, for use by unit commander and for dissemination to lower, adjacent, and higher headquarters.

(7) Translates into either English or the target language, written material of both a technical and nontechnical nature.

(8) Establishes a file of language reference materials, English and foreign language dictionaries, and glossaries of military terms.


f. Related Military Skill. None.

6. MOS 2716, Amharic (MGySgt-Pvt) EMOS

a. Summary. Linguist MOSs are EMOSs used in conjunction with the 267X primary MOSs that indicate specialized foreign language skills, however, they are also used to identify language requirements associated with other intelligence MOSs and designated billets that require specific foreign language skills. Linguists supervise and participate in language translation/interpretation activities pertaining primarily to military operational and intelligence activities. The linguist MOSs will be assigned as EMOSs to identify those Marines with qualifying foreign language skills. The titles and MOSs will also be used to identify billets in T/Os requiring...
specific foreign language skills as required billet MOS (BMOS). These EMOSs will be assigned and voided by the CMC (MM) only.

b. **Prerequisites.** Must be proficient in Amharic.

c. **Requirements**

   (1) Successfully complete the required course of instruction at the Defense Language Institute, or designated language dialect course.
   (Note: Individuals may also qualify for this EMOS by demonstrating proficiency in the appropriate language by achieving a minimum Level 2 proficiency with two modalities listening, reading, or speaking portions of the DLPT.)

   (2) Maintain a current qualifying DLPT score Level 2 in two modalities (listening, reading or speaking).

d. **Duties**

   (1) Conducts interpretation and translation of foreign language to English and English to foreign language using phraseology selected to preserve the original intent, meaning, and emphasis.

   (2) Phrases ideas to avoid language that is stilted, unnatural, or difficult to understand.

   (3) Displays an impartial attitude toward each speaker as to facts and opinions expressed.

   (4) Interprets into either English or foreign language statements made by participants in meetings, working parties, or similar non-technical activities.

   (5) Interviews friendly non-English speaking civilians such as police, clergymen, and other Citizens to obtain information of military value.

   (6) May be required to assist in the writing of reports, including opinion as to the credibility of the person interviewed, for use by unit commander and for dissemination to lower, adjacent, and higher headquarters.

   (7) Translates into either English or the foreign language, written material of a non-technical nature.

   (8) Establishes an archive file of language reference materials and lexical aids such as English to foreign language and foreign language to English dictionaries, cultural dictionaries, and glossaries of military terms.

e. **Related Standard Occupational Classification (SOC) Title and Code.**

   Interpreters and Translators 27-3091.

f. **Related Military Skill.** None.

7. MOS 2717, Arabic (Maghrebi) (MGySgt to Pvt) EMOS

   a. **Summary.** Linguist MOSs are EMOSs used primarily in conjunction with the 267X primary MOSs that indicate specialized foreign language skills. However, they are also used to identify language requirements associated with
other MOSs and designated billets that require specific foreign language skills. Linguists supervise and participate in language translation/interpretation activities pertaining primarily to military operational and intelligence activities. The linguist MOSs will be assigned as EMOSs to identify those Marines with qualifying foreign language skills. The titles and MOSs will also be used to identify billets in T/Os requiring specific foreign language skills as required billet MOS (EMOS). These EMOSs will be assigned and voided by the CMC (MM) only.

b. Prerequisites. Must be proficient in Arabic (Magrebi).

c. Requirements

(1) Successfully complete the required course of instruction at the Defense Language Institute. (Note: Individuals may also qualify for this EMOS by demonstrating proficiency in the appropriate language by achieving a minimum Level 2 proficiency with two modalities, listening, reading, or the speaking portions of the Defense Language Proficiency test (DLPT).

(2) Maintain a current qualifying Defense Language Proficiency Test (DLPT) with two modalities (listening, reading or speaking) Level 2.

d. Duties

(1) Conducts bi-directional consecutive interpretation of target language to English and English to target language using phraseology selected to preserve the original intent, meaning, and emphasis.

(2) Phrases ideas to avoid language that is stilted, unnatural, and difficult to understand.

(3) Displays an impartial attitude toward each speaker and to facts and opinions expressed.

(4) Interprets into either English or target language the statements made by participants in conferences, working parties, and all similar activities.

(5) Interviews friendly non-English speaking civilians such as police, clergymen, and other Citizens to obtain information of military value.

(6) Writes reports, including opinion as to the credibility of the person interviewed, for use by unit commander and for dissemination to lower, adjacent, and higher headquarters.

(7) Translates into either English or the target language, written material of both a technical and nontechnical nature.

(8) Establishes a file of language reference materials, English and foreign language dictionaries, and glossaries of military terms.


f. Related Military Skill. None.
8. MOS 2718, Hebrew (MGySgt-Pvt) EMOS

a. Summary. Linguist MOSs are EMOSs used in conjunction with the 267X primary MOSs that indicate specialized foreign language skills, however, they are also used to identify language requirements associated with other intelligence MOSs and designated billets that require specific foreign language skills. Linguists supervise and participate in language translation/interpretation activities pertaining primarily to military operational and intelligence activities. The linguist MOSs will be assigned as EMOSs to identify those Marines with qualifying foreign language skills. The titles and MOSs will also be used to identify billets in T/Os requiring specific foreign language skills as required billet MOS (BMOS). These EMOSs will be assigned and voided by the CMC (MM) only.

b. Prerequisites. Must be proficient in Hebrew.

c. Requirements

(1) Successfully complete the required course of instruction at the Defense Language Institute, or designated language dialect course. (Note: Individuals may also qualify for this EMOS by demonstrating proficiency in the appropriate language by achieving a minimum level 2 proficiency with two modalities listening, reading, or speaking portions of the DLPT.)

(2) Maintain a current qualifying DLPT score Level 2 in two modalities (listening, reading or speaking).

d. Duties

(1) Conducts interpretation and translation of foreign language to English and English to foreign language using phraseology selected to preserve the original intent, meaning, and emphasis.

(2) Phrases ideas to avoid language that is stilted, unnatural, or difficult to understand.

(3) Displays an impartial attitude toward each speaker as to facts and opinions expressed.

(4) Interprets into either English or foreign language statements made by participants in meetings, working parties, or similar non-technical activities.

(5) Interviews friendly non-English speaking civilians such as police, clergymen, and other Citizens to obtain information of military value.

(6) May be required to assist in the writing of reports, including opinion as to the credibility of the person interviewed, for use by unit commander and for dissemination to lower, adjacent, and higher headquarters.

(7) Translates into either English or the foreign language, written material of a non-technical nature.

(8) Establishes an archive file of language reference materials and lexical aids such as English to foreign language and foreign language to...
English dictionaries, cultural dictionaries, and glossaries of military terms.


f. Related Military Skill. None.

9. MOS 2721, Kurdish (MGySgt-Pvt) EMOS

a. Summary. Linguist MOSs are EMOSs used in conjunction with the 267X primary MOSs that indicate specialized foreign language skills, however, they are also used to identify language requirements associated with other intelligence MOSs and designated billets that require specific foreign language skills. Linguists supervise and participate in language translation/interpretation activities pertaining primarily to military operational and intelligence activities. The linguist MOSs will be assigned as EMOSs to identify those Marines with qualifying foreign language skills. The titles and MOSs will also be used to identify billets in T/Os requiring specific foreign language skills as required billet MOS (BMOS). These EMOSs will be assigned and voided by the CMC (MM) only.

b. Prerequisites. Must be proficient in Kurdish.

c. Requirements

(1) Successfully complete the required course of instruction at the Defense Language Institute, or designated language dialect course. (Note: Individuals may also qualify for this EMOS by demonstrating proficiency in the appropriate language by achieving a minimum Level 2 proficiency with two modalities listening, reading, or speaking portions of the DLPT.)

(2) Maintain a current qualifying DLPT score Level 2 in two modalities (listening, reading or speaking).

d. Duties

(1) Conducts interpretation and translation of foreign language to English and English to foreign language using phraseology selected to preserve the original intent, meaning, and emphasis.

(2) Phrases ideas to avoid language that is stilted, unnatural, or difficult to understand.

(3) Displays an impartial attitude toward each speaker as to facts and opinions expressed.

(4) Interprets into either English or foreign language statements made by participants in meetings, working parties, or similar non-technical activities.

(5) Interviews friendly non-English speaking civilians such as police, clergymen, and other Citizens to obtain information of military value.
(6) May be required to assist in the writing of reports, including opinion as to the credibility of the person interviewed, for use by unit commander and for dissemination to lower, adjacent, and higher headquarters.

(7) Translates into either English or the foreign language, written material of a non-technical nature.

(8) Establishes an archive file of language reference materials and lexical aids such as English to foreign language and foreign language to English dictionaries, cultural dictionaries, and glossaries of military terms.


f. Related Military Skill. None.

10. MOS 2723, Somali (MGySgt to Pvt) EMOS

a. Summary. Linguist MOSs are EMOSs used in conjunction with the 267X primary MOSs that indicate specialized foreign language skills, however, they are also used to identify language requirements associated with other intelligence MOSs and designated billets that require specific foreign language skills. Linguists supervise and participate in language translation/interpretation activities pertaining primarily to military operational and intelligence activities. The linguist MOSs will be assigned as EMOSs to identify those Marines with qualifying foreign language skills. The titles and MOSs will also be used to identify billets in T/0s requiring specific foreign language skills as required billet MOS (BMOS). These EMOSs will be assigned and voided by the CMC (MM) only.

b. Prerequisites. Must be proficient in Somali.

c. Requirements

(1) Successfully complete the required course of instruction at the Defense Language Institute, or designated language dialect course. (Note: Individuals may also qualify for this EMOS by demonstrating proficiency in the appropriate language by achieving a minimum Level 2 proficiency with two modalities listening, reading, or speaking portions of the DLPT.)

(2) Maintain a current qualifying DLPT score Level 2 in two modalities (listening, reading or speaking).

d. Duties

(1) Conducts interpretation and translation of foreign language to English and English to foreign language using phraseology selected to preserve the original intent, meaning, and emphasis.

(2) Phrases ideas to avoid language that is stilted, unnatural, or difficult to understand.

(3) Displays an impartial attitude toward each speaker as to facts and opinions expressed.
(4) Interprets into either English or foreign language statements made by participants in meetings, working parties, or similar non-technical activities.

(5) Interviews friendly non-English speaking civilians such as police, clergymen, and other Citizens to obtain information of military value.

(6) May be required to assist in the writing of reports, including opinion as to the credibility of the person interviewed, for use by unit commander and for dissemination to lower, adjacent, and higher headquarters.

(7) Translates into either English or the foreign language, written material of a non-technical nature.

(8) Establishes an archive file of language reference materials and lexical aids such as English to foreign language and foreign language to English dictionaries, cultural dictionaries, and glossaries of military terms.


f. Related Military Skill. None.

11. MOS 2724, Swahili (MGySgt to Pvt) EMOS

a. Summary. Linguist MOSs are EMOSs used in conjunction with the 267X primary MOSs that indicate specialized foreign language skills, however, they are also used to identify language requirements associated with other intelligence MOSs and designated billets that require specific foreign language skills. Linguists supervise and participate in language translation/interpretation activities pertaining primarily to military operational and intelligence activities. The linguist MOSs will be assigned as EMOSs to identify those Marines with qualifying foreign language skills. The titles and MOSs will also be used to identify billets in T/Os requiring specific foreign language skills as required billet MOS (BMOS). These EMOSs will be assigned and voided by the CMC (MM) only.

b. Prerequisites. Must be proficient in Swahili.

c. Requirements

(1) Successfully complete the required course of instruction at the Defense Language Institute, or designated language dialect course. (Note: Individuals may also qualify for this EMOS by demonstrating proficiency in the appropriate language by achieving a minimum Level 2 proficiency with two modalities listening, reading, or speaking portions of the DLPT.)

(2) Maintain a current qualifying DLPT score Level 2 in two modalities (listening, reading or speaking).

d. Duties

(1) Conducts interpretation and translation of foreign language to English and English to foreign language using phraseology selected to preserve the original intent, meaning, and emphasis.
(2) Phrases ideas to avoid language that is stilted, unnatural, or difficult to understand.

(3) Displays an impartial attitude toward each speaker as to facts and opinions expressed.

(4) Interprets into either English or foreign language statements made by participants in meetings, working parties, or similar non-technical activities.

(5) Interviews friendly non-English speaking civilians such as police, clergymen, and other Citizens to obtain information of military value.

(6) May be required to assist in the writing of reports, including opinion as to the credibility of the person interviewed, for use by unit commander and for dissemination to lower, adjacent, and higher headquarters.

(7) Translates into either English or the foreign language, written material of a non-technical nature.

(8) Establishes an archive file of language reference materials and lexical aids such as English to foreign language and foreign language to English dictionaries, cultural dictionaries, and glossaries of military terms.

f. Related Military Skill. None.

12. MOS 2726, Turkish (MGySgt-Pvt) EMOS

a. Summary. Linguist MOSs are EMOSs used in conjunction with the 267X primary MOSs that indicate specialized foreign language skills, however, they are also used to identify language requirements associated with other intelligence MOSs and designated billets that require specific foreign language skills. Linguists supervise and participate in language translation/interpretation activities pertaining primarily to military operational and intelligence activities. The linguist MOSs will be assigned as EMOSs to identify those Marines with qualifying foreign language skills. The titles and MOSs will also be used to identify billets in T/Os requiring specific foreign language skills as required billet MOS (BMOS). These EMOSs will be assigned and voided by the CMC (MM) only.

b. Prerequisites. Must be proficient in Turkish.

c. Requirements

(1) Successfully complete the required course of instruction at the Defense Language Institute, or designated language dialect course. (Note: Individuals may also qualify for this EMOS by demonstrating proficiency in the appropriate language by achieving a minimum Level 2 proficiency with two modalities listening, reading, or speaking portions of the DLPT.)

(2) Maintain a current qualifying DLPT score Level 2 in two modalities (listening, reading or speaking).
d. **Duties**

(1) Conducts interpretation and translation of foreign language to English and English to foreign language using phraseology selected to preserve the original intent, meaning, and emphasis.

(2) Phrases ideas to avoid language that is stilted, unnatural, or difficult to understand.

(3) Displays an impartial attitude toward each speaker as to facts and opinions expressed.

(4) Interprets into either English or foreign language statements made by participants in meetings, working parties, or similar non-technical activities.

(5) Interviews friendly non-English speaking civilians such as police, clergymen, and other Citizens to obtain information of military value.

(6) May be required to assist in the writing of reports, including opinion as to the credibility of the person interviewed, for use by unit commander and for dissemination to lower, adjacent, and higher headquarters.

(7) Translates into either English or the foreign language, written material of a non-technical nature.

(8) Establishes an archive file of language reference materials and lexical aids such as English to foreign language and foreign language to English dictionaries, cultural dictionaries, and glossaries of military terms.

e. **Related Standard Occupational Classification (SOC) Title and Code.** Interpreters and Translator 27-3091.

f. **Related Military Skill.** None.

13. MOS 2728, Arabic (Iraqi) (MGySgt to Pvt) EMOS

a. **Summary.** Linguist MOSs are EMOSs used in conjunction with the 267X primary MOSs that indicate specialized foreign language skills; however, they are also used to identify language requirements associated with other intelligence MOSs and designated billets that require specific foreign language skills. Linguists supervise and participate in language translation/interpretation activities pertaining primarily to military operational and intelligence activities. The linguist MOSs will be assigned as EMOSs to identify those Marines with qualifying foreign language skills. The titles and MOSs will also be used to identify billets in T/Os requiring specific foreign language skills as required billet MOS (BMOS). These EMOSs will be assigned and voided by the CMC (MM) only.

b. **Prerequisites.** Must be proficient in Arabic (Iraqi).

c. **Requirements**

(1) Successfully complete the required course of instruction at the Defense Language Institute, or designated language dialect course.
(Note: Individuals may also qualify for this EMOS by demonstrating
proficiency in the appropriate language by achieving a minimum Level 2 proficiency with two modalities (listening, reading or speaking) portions of the DLPT.

(2) Maintain a current qualifying DLPT score Level 2 in two modalities (listening, reading or speaking).

d. Duties

(1) Conducts interpretation and translation of foreign language to English and English to foreign language using phraseology selected to preserve the original intent, meaning, and emphasis.

(2) Phrases ideas to avoid language that is stilted, unnatural, or difficult to understand.

(3) Displays an impartial attitude toward each speaker as to facts and opinions expressed.

(4) Interprets into either English or foreign language statements made by participants in meetings, working parties, or similar non-technical activities.

(5) Interviews friendly non-English speaking civilians such as police, clergymen, and other Citizens to obtain information of military value.

(6) May be required to assist in the writing of reports, including opinion as to the credibility of the person interviewed, for use by unit commander and for dissemination to lower, adjacent, and higher headquarters.

(7) Translates into either English or the foreign language, written material of a non-technical nature.

(8) Establishes an archive file of language reference materials and lexical aids such as English to foreign language and foreign language to English dictionaries, cultural dictionaries, and glossaries of military terms.


f. Related Military Skill. None.

14. MOS 2729, Algerian (MGySgt to Pvt) EMOS

a. Summary. Linguist MOSs are EMOSs used primarily in conjunction with the 267X primary MOSs that indicate specialized foreign language skills. However, they are also used to identify language requirements associated with other MOSs and designated billets that require specific foreign language skills. Linguists supervise and participate in language translation/interpretation activities pertaining primarily to military operational and intelligence activities. The linguist MOSs will be assigned as EMOSs to identify those Marines with qualifying foreign language skills. The titles and MOSs will also be used to identify billets in T/Os requiring specific foreign language skills as required billet MOS (BMOS). These EMOSs will be assigned and voided by the CMC (M) only.
b. Prerequisites. Must be proficient in Algerian.

c. Requirements

(1) Successfully complete the required course of instruction at the Defense Language Institute. (Note: Individuals may also qualify for this EMOS by demonstrating proficiency in the appropriate language by achieving a minimum Level 2 proficiency with two modalities, listening, reading, or the speaking portions of the Defense Language Proficiency test (DLPT).

(2) Maintain a current qualifying Defense Language Proficiency Test (DLPT) with two modalities (listening, reading or speaking) Level 2.

d. Duties

(1) Conducts bi-directional consecutive interpretation of target language to English and English to target language using phraseology selected to preserve the original intent, meaning, and emphasis.

(2) Phrases ideas to avoid language that is stilted, unnatural, and difficult to understand.

(3) Displays an impartial attitude toward each speaker and to facts and opinions expressed.

(4) Interprets into either English or target language the statements made by participants in conferences, working parties, and all similar activities.

(5) Interviews friendly non-English speaking civilians such as police, clergymen, and other Citizens to obtain information of military value.

(6) Writes reports, including opinion as to the credibility of the person interviewed, for use by unit commander and for dissemination to lower, adjacent, and higher headquarters.

(7) Translates into either English or the target language, written material of both a technical and nontechnical nature.

(8) Establishes a file of language reference materials, English and foreign language dictionaries, and glossaries of military terms.


f. Related Military Skill. None.

15. MOS 2733, Burmese (MGySgt-Pvt) EMOS

a. Summary. Linguist MOSs are EMOSs used in conjunction with the 267X primary MOSs that indicate specialized foreign language skills, however, they are also used to identify language requirements associated with other intelligence MOSs and designated billets that require specific foreign language skills. Linguists supervise and participate in language translation/interpretation activities pertaining primarily to military operational and intelligence activities. The linguist MOSs will be assigned as EMOSs to identify those Marines with qualifying foreign language skills. The titles and MOSs will also be used to identify billets in T/Os requiring
specific foreign language skills as required billet MOS (EMOS). These EMOSs will be assigned and voided by the CMC (MM) only.

b. **Prerequisites.** Must be proficient in Burmese.

c. **Requirements**

(1) Successfully complete the required course of instruction at the Defense Language Institute, or designated language dialect course. (Note: Individuals may also qualify for this EMOS by demonstrating proficiency in the appropriate language by achieving a minimum Level 2 proficiency with two modalities listening, reading, or speaking portions of the DLPT.)

(2) Maintain a current qualifying DLPT score Level 2 in two modalities (listening, reading or speaking).

d. **Duties**

(1) Conducts interpretation and translation of foreign language to English and English to foreign language using phraseology selected to preserve the original intent, meaning, and emphasis.

(2) Phrases ideas to avoid language that is stilted, unnatural, or difficult to understand.

(3) Displays an impartial attitude toward each speaker as to facts and opinions expressed.

(4) Interprets into either English or foreign language statements made by participants in meetings, working parties, or similar non-technical activities.

(5) Interviews friendly non-English speaking civilians such as police, clergymen, and other Citizens to obtain information of military value.

(6) May be required to assist in the writing of reports, including opinion as to the credibility of the person interviewed, for use by unit commander and for dissemination to lower, adjacent, and higher headquarters.

(7) Translates into either English or the foreign language, written material of a non-technical nature.

(8) Establishes an archive file of language reference materials and lexical aids such as English to foreign language and foreign language to English dictionaries, cultural dictionaries, and glossaries of military terms.

e. **Related Standard Occupational Classification (SOC) Title and Code.** Interpreters and Translators 27-3091.

f. **Related Military Skill.** None.

16. **MOS 2734, Cambodian (MGySgt-Pvt) EMOS**

a. **Summary.** Linguist MOSs are EMOSs used in conjunction with the 267X primary MOSs that indicate specialized foreign language skills, however, they are also used to identify language requirements associated with other
intelligence MOSs and designated billets that require specific foreign language skills. Linguists supervise and participate in language translation/interpretation activities pertaining primarily to military operational and intelligence activities. The linguist MOSs will be assigned as EMOSs to identify those Marines with qualifying foreign language skills. The titles and MOSs will also be used to identify billets in T/Os requiring specific foreign language skills as required billet MOS (BMOS). These EMOSs will be assigned and voided by the CMC (MM) only.

b. Prerequisites. Must be proficient in Cambodian.

c. Requirements

(1) Successfully complete the required course of instruction at the Defense Language Institute, or designated language dialect course. (Note: Individuals may also qualify for this EMOS by demonstrating proficiency in the appropriate language by achieving a minimum Level 2 proficiency with two modalities listening, reading, or speaking portions of the DLPT.)

(2) Maintain a current qualifying DLPT score Level 2 in two modalities (listening, reading or speaking).

d. Duties

(1) Conducts interpretation and translation of foreign language to English and English to foreign language using phraseology selected to preserve the original intent, meaning, and emphasis.

(2) Phrases ideas to avoid language that is stilted, unnatural, or difficult to understand.

(3) Displays an impartial attitude toward each speaker as to facts and opinions expressed.

(4) Interprets into either English or foreign language statements made by participants in meetings, working parties, or similar non-technical activities.

(5) Interviews friendly non-English speaking civilians such as police, clergymen, and other Citizens to obtain information of military value.

(6) May be required to assist in the writing of reports, including opinion as to the credibility of the person interviewed, for use by unit commander and for dissemination to lower, adjacent, and higher headquarters.

(7) Translates into either English or the foreign language, written material of a non-technical nature.

(8) Establishes an archive file of language reference materials and lexical aids such as English to foreign language and foreign language to English dictionaries, cultural dictionaries, and glossaries of military terms.

f. Related Military Skill. None.

17. MOS 2735, Cebuano (MGySgt to Pvt) EMOS

a. Summary. Linguist MOSs are EMOSs used primarily in conjunction with the 267X primary MOSs that indicate specialized foreign language skills. However, they are also used to identify language requirements associated with other MOSs and designated billets that require specific foreign language skills. Linguists supervise and participate in language translation/interpretation activities pertaining primarily to military operational and intelligence activities. The linguist MOSs will be assigned as EMOSs to identify those Marines with qualifying foreign language skills. The titles and MOSs will also be used to identify billets in T/Os requiring specific foreign language skills as required billet MOS (BMOS). These EMOSs will be assigned and voided by the CMC (MM) only.

b. Prerequisites. Must be proficient in Cebuano.

c. Requirements

   (1) Successfully complete the required course of instruction at the Defense Language Institute. (Note: Individuals may also qualify for this EMOS by demonstrating proficiency in the appropriate language by achieving a minimum level 2 proficiency with two modalities, listening, reading, or the speaking portions of the Defense Language Proficiency test (DLPT).

   (2) Maintain a current qualifying Defense Language Proficiency Test (DLPT) with two modalities (listening, reading or speaking) Level 2.

d. Duties

   (1) Conducts bi-directional consecutive interpretation of target language to English and English to target language using phraseology selected to preserve the original intent, meaning, and emphasis.

   (2) Phrases ideas to avoid language that is stilted, unnatural, and difficult to understand.

   (3) Displays an impartial attitude toward each speaker and to facts and opinions expressed.

   (4) Displays an impartial attitude toward each speaker and to facts and opinions expressed.

   (5) Interviews friendly non-English speaking civilians such as police, clergymen, and other Citizens to obtain information of military value.

   (6) Writes reports, including opinion as to the credibility of the person interviewed, for use by unit commander and for dissemination to lower, adjacent, and higher headquarters.

   (7) Translates into either English or the target language, written material of both a technical and nontechnical nature.

   (8) Establishes a file of language reference materials, English and foreign language dictionaries, and glossaries of military terms.

f. Related Military Skill. None.

18. MOS 2736, Chinese (Cant) (MGySgt-Pvt) EMOS

a. Summary. Linguist MOSs are EMOSs used in conjunction with the 267X primary MOSs that indicate specialized foreign language skills, however, they are also used to identify language requirements associated with other intelligence MOSs and designated billets that require specific foreign language skills. Linguists supervise and participate in language translation/interpretation activities pertaining primarily to military operational and intelligence activities. The linguist MOSs will be assigned as EMOSs to identify those Marines with qualifying foreign language skills. The titles and MOSs will also be used to identify billets in T/Os requiring specific foreign language skills as required billet MOS (BMOS). These EMOSs will be assigned and voided by the CMC (MM) only.

b. Prerequisites. Must be proficient in Chinese (Cant).

c. Requirements

(1) Successfully complete the required course of instruction at the Defense Language Institute, or designated language dialect course. (Note: Individuals may also qualify for this EMOS by demonstrating proficiency in the appropriate language by achieving a minimum Level 2 proficiency with two modalities listening, reading, or speaking portions of the DLPT.)

(2) Maintain a current qualifying DLPT score Level 2 in two modalities (listening, reading or speaking).

d. Duties

(1) Conducts interpretation and translation of foreign language to English and English to foreign language using phraseology selected to preserve the original intent, meaning, and emphasis.

(2) Phrases ideas to avoid language that is stilted, unnatural, or difficult to understand.

(3) Displays an impartial attitude toward each speaker as to facts and opinions expressed.

(4) Interprets into either English or foreign language statements made by participants in meetings, working parties, or similar non-technical activities.

(5) Interviews friendly non-English speaking civilians such as police, clergymen, and other Citizens to obtain information of military value.

(6) May be required to assist in the writing of reports, including opinion as to the credibility of the person interviewed, for use by unit commander and for dissemination to lower, adjacent, and higher headquarters.
(7) Translates into either English or the foreign language, written material of a non-technical nature.

(8) Establishes an archive file of language reference materials and lexical aids such as English to foreign language and foreign language to English dictionaries, cultural dictionaries, and glossaries of military terms.


f. Related Military Skill. None.

19. MOS 2737, Chinese (Man) (MGySgt-Pvt) EMOS

a. Summary. Linguist MOSs are EMOSs used in conjunction with the 267X primary MOSs that indicate specialized foreign language skills, however, they are also used to identify language requirements associated with other intelligence MOSs and designated billets that require specific foreign language skills. Linguists supervise and participate in language translation/interpretation activities pertaining primarily to military operational and intelligence activities. The linguist MOSs will be assigned as EMOSs to identify those Marines with qualifying foreign language skills. The titles and MOSs will also be used to identify billets in T/Os requiring specific foreign language skills as required billet MOS (BMOS). These EMOSs will be assigned and voided by the CMC (MM) only.

b. Prerequisites. Must be proficient in Chinese (Man).

c. Requirements

(1) Successfully complete the required course of instruction at the Defense Language Institute, or designated language dialect course. (Note: Individuals may also qualify for this EMOS by demonstrating proficiency in the appropriate language by achieving a minimum Level 2 proficiency with two modalities listening, reading, or speaking portions of the DLPT.)

(2) Maintain a current qualifying D/PT score Level 2 in two modalities (listening, reading or speaking).

d. Duties

(1) Conducts interpretation and translation of foreign language to English and English to foreign language using phraseology selected to preserve the original intent, meaning, and emphasis.

(2) Phrases ideas to avoid language that is stilted, unnatural, or difficult to understand.

(3) Displays an impartial attitude toward each speaker as to facts and opinions expressed.

(4) Interprets into either English or foreign language statements made by participants in meetings, working parties, or similar non-technical activities.
(5) Interviews friendly non-English speaking civilians such as police, clergymen, and other Citizens to obtain information of military value.

(6) May be required to assist in the writing of reports, including opinion as to the credibility of the person interviewed, for use by unit commander and for dissemination to lower, adjacent, and higher headquarters.

(7) Translates into either English or the foreign language, written material of a non-technical nature.

(8) Establishes an archive file of language reference materials and lexical aids such as English to foreign language and foreign language to English dictionaries, cultural dictionaries, and glossaries of military terms.


f. Related Military Skill. None.

20. MOS 2738, Indonesian (MGySgt-Pvt) EMOS

a. Summary. Linguist MOSs are EMOSs used in conjunction with the 267X primary MOSs that indicate specialized foreign language skills, however, they are also used to identify language requirements associated with other intelligence MOSs and designated billets that require specific foreign language skills. Linguists supervise and participate in language translation/interpretation activities pertaining primarily to military operational and intelligence activities. The linguist MOSs will be assigned as EMOSs to identify those Marines with qualifying foreign language skills. The titles and MOSs will also be used to identify billets in T/Os requiring specific foreign language skills as required billet MOS (BMOS). These EMOSs will be assigned and voided by the CMC (MM) only.

b. Prerequisites. Must be proficient in Indonesian.

c. Requirements

(1) Successfully complete the required course of instruction at the Defense Language Institute, or designated language dialect course.
(Note: Individuals may also qualify for this EMOS by demonstrating proficiency in the appropriate language by achieving a minimum Level 2 proficiency with two modalities listening, reading, or speaking portions of the DLPT.)

(2) Maintain a current qualifying DLPT score Level 2 in two modalities (listening, reading or speaking).

d. Duties

(1) Conducts interpretation and translation of foreign language to English and English to foreign language using phraseology selected to preserve the original intent, meaning, and emphasis.

(2) Phrases ideas to avoid language that is stilted, unnatural, or difficult to understand.
(3) Displays an impartial attitude toward each speaker as to facts and opinions expressed.

(4) Interprets into either English or foreign language statements made by participants in meetings, working parties, or similar non-technical activities.

(5) Interviews friendly non-English speaking civilians such as police, clergymen, and other Citizens to obtain information of military value.

(6) May be required to assist in the writing of reports, including opinion as to the credibility of the person interviewed, for use by unit commander and for dissemination to lower, adjacent, and higher headquarters.

(7) Translates into either English or the foreign language, written material of a non-technical nature.

(8) Establishes an archive file of language reference materials and lexical aids such as English to foreign language and foreign language to English dictionaries, cultural dictionaries, and glossaries of military terms.


f. Related Military Skill. None.

21. MOS 2739, Japanese (MGySgt-Pvt) EMOS

a. Summary. Linguist MOSs are EMOSs used in conjunction with the 267X primary MOSs that indicate specialized foreign language skills, however, they are also used to identify language requirements associated with other intelligence MOSs and designated billets that require specific foreign language skills. Linguists supervise and participate in language translation/interpretation activities pertaining primarily to military operational and intelligence activities. The linguist MOSs will be assigned as EMOSs to identify those Marines with qualifying foreign language skills. The titles and MOSs will also be used to identify billets in T/Os requiring specific foreign language skills as required billet MOS (BMOS). These EMOSs will be assigned and voided by the CMC (MM) only.

b. Prerequisites. Must be proficient in Japanese.

c. Requirements

(1) Successfully complete the required course of instruction at the Defense Language Institute, or designated language dialect course. (Note: Individuals may also qualify for this EMOS by demonstrating proficiency in the appropriate language by achieving a minimum Level 2 proficiency with two modalities listening, reading, or speaking portions of the DLPT.)

(2) Maintain a current qualifying DLPT score Level 2 in two modalities (listening, reading or speaking).
d. Duties

(1) Conducts interpretation and translation of foreign language to English and English to foreign language using phraseology selected to preserve the original intent, meaning, and emphasis.

(2) Phrases ideas to avoid language that is stilted, unnatural, or difficult to understand.

(3) Displays an impartial attitude toward each speaker as to facts and opinions expressed.

(4) Interprets into either English or foreign language statements made by participants in meetings, working parties, or similar non-technical activities.

(5) Interviews friendly non-English speaking civilians such as police, clergymen, and other Citizens to obtain information of military value.

(6) May be required to assist in the writing of reports, including opinion as to the credibility of the person interviewed, for use by unit commander and for dissemination to lower, adjacent, and higher headquarters.

(7) Translates into either English or the foreign language, written material of a non-technical nature.

(8) Establishes an archive file of language reference materials and lexical aids such as English to foreign language and foreign language to English dictionaries, cultural dictionaries, and glossaries of military terms.


f. Related Military Skill. None.

22. MOS 2740, Maguindanao (MGySgt to Pvt) EMOS

a. Summary. Linguist MOSs are EMOSs used primarily in conjunction with the 267X primary MOSs that indicate specialized foreign language skills. However, they are also used to identify language requirements associated with other MOSs and designated billets that require specific foreign language skills. Linguists supervise and participate in language translation/interpretation activities pertaining primarily to military operational and intelligence activities. The linguist MOSs will be assigned as EMOSs to identify those Marines with qualifying foreign language skills. The titles and MOSs will also be used to identify billets in T/Os requiring specific foreign language skills as required billet MOS (BMOS). These EMOSs will be assigned and voided by the CMC (WM) only.

b. Prerequisites. Must be proficient in Maguindanao.

c. Requirements

(1) Successfully complete the required course of instruction at the Defense Language Institute. (Note: Individuals may also qualify for this EMOS by demonstrating proficiency in the appropriate language by achieving a
minimum Level 2 proficiency with 2 modalities, listening, reading, or the speaking portions of the Defense Language Proficiency test (DLPT).

(2) Maintain a current qualifying Defense Language Proficiency Test (DLPT) with two modalities (listening, reading or speaking) Level 2.

d. Duties

(1) Conducts bi-directional consecutive interpretation of target language to English and English to target language using phraseology selected to preserve the original intent, meaning, and emphasis.

(2) Phrases ideas to avoid language that is stilted, unnatural, and difficult to understand.

(3) Displays an impartial attitude toward each speaker and to facts and opinions expressed.

(4) Interprets into either English or target language the statements made by participants in conferences, working parties, and all similar activities.

(5) Interviews friendly non-English speaking civilians such as police, clergymen, and other Citizens to obtain information of military value.

(6) Writes reports, including opinion as to the credibility of the person interviewed, for use by unit commander and for dissemination to lower, adjacent, and higher headquarters.

(7) Translates into either English or the target language, written material of both a technical and nontechnical nature.

(8) Establishes a file of language reference materials, English and foreign language dictionaries, and glossaries of military terms.


f. Related Military Skill. None.

23. MOS 2741, Korean (MGySgt-Pvt) EMOS

a. Summary. Linguist MOSs are EMOSs used in conjunction with the 267X primary MOSs that indicate specialized foreign language skills, however, they are also used to identify language requirements associated with other intelligence MOSs and designated billets that require specific foreign language skills. Linguists supervise and participate in language translation/interpretation activities pertaining primarily to military operational and intelligence activities. The linguist MOSs will be assigned as EMOSs to identify those Marines with qualifying foreign language skills. The titles and MOSs will also be used to identify billets in T/Os requiring specific foreign language skills as required billet MOS (BMOS). These EMOSs will be assigned and voided by the CMC (MM) only.

b. Prerequisites. Must be proficient in Korean.
c. Requirements

(1) Successfully complete the required course of instruction at the Defense Language Institute, or designated language dialect course. (Note: Individuals may also qualify for this EMOS by demonstrating proficiency in the appropriate language by achieving a minimum Level 2 proficiency with two modalities listening, reading, or speaking portions of the DLPT.)

(2) Maintain a current qualifying DLPT score Level 2 in two modalities (listening, reading or speaking).

d. Duties

(1) Conducts interpretation and translation of foreign language to English and English to foreign language using phraseology selected to preserve the original intent, meaning, and emphasis.

(2) Phrases ideas to avoid language that is stilted, unnatural, or difficult to understand.

(3) Displays an impartial attitude toward each speaker as to facts and opinions expressed.

(4) Interprets into either English or foreign language statements made by participants in meetings, working parties, or similar non-technical activities.

(5) Interviews friendly non-English speaking civilians such as police, clergymen, and other Citizens to obtain information of military value.

(6) May be required to assist in the writing of reports, including opinion as to the credibility of the person interviewed, for use by unit commander and for dissemination to lower, adjacent, and higher headquarters.

(7) Translates into either English or the foreign language, written material of a non-technical nature.

(8) Establishes an archive file of language reference materials and lexical aids such as English to foreign language and foreign language to English dictionaries, cultural dictionaries, and glossaries of military terms.


(1) Interpreter 137.267-010.

(2) Translator 137.267-018.

f. Related Military Skill. None.

24. MOS 2742, Laotian (MGySgt-Pvt) EMOS

a. Summary. Linguist MOSs are EMOSs used in conjunction with the 267X primary MOSs that indicate specialized foreign language skills, however, they are also used to identify language requirements associated with other intelligence MOSs and designated billets that require specific foreign
language skills. Linguists supervise and participate in language translation/interpretation activities pertaining primarily to military operational and intelligence activities. The linguist MOSs will be assigned as EMOSs to identify those Marines with qualifying foreign language skills. The titles and MOSs will also be used to identify billets in T/Os requiring specific foreign language skills as required billet MOS (BMOS). These EMOSs will be assigned and voided by the CMC (MM) only.

b. Prerequisites. Must be proficient in Laotian.

c. Requirements

(1) Successfully complete the required course of instruction at the Defense Language Institute, or designated language dialect course. (Note: Individuals may also qualify for this EMOS by demonstrating proficiency in the appropriate language by achieving a minimum Level 2 proficiency with two modalities listening, reading, or speaking portions of the DLPT.)

(2) Maintain a current qualifying DLPT score Level 2 in two modalities (listening, reading or speaking).

d. Duties

(1) Conducts interpretation and translation of foreign language to English and English to foreign language using phraseology selected to preserve the original intent, meaning, and emphasis.

(2) Phrases ideas to avoid language that is stilted, unnatural, or difficult to understand.

(3) Displays an impartial attitude toward each speaker as to facts and opinions expressed.

(4) Interprets into either English or foreign language statements made by participants in meetings, working parties, or similar non-technical activities.

(5) Interviews friendly non-English speaking civilians such as police, clergymen, and other Citizens to obtain information of military value.

(6) May be required to assist in the writing of reports, including opinion as to the credibility of the person interviewed, for use by unit commander and for dissemination to lower, adjacent, and higher headquarters.

(7) Translates into either English or the foreign language, written material of a non-technical nature.

(8) Establishes an archive file of language reference materials and lexical aids such as English to foreign language and foreign language to English dictionaries, cultural dictionaries, and glossaries of military terms.


f. Related Military Skill. None.
25. **MOS 2743, Malay (MGySg-Pvt) EMOS**

a. **Summary.** Linguist MOSs are EMOSs used in conjunction with the 267X primary MOSs that indicate specialized foreign language skills, however, they are also used to identify language requirements associated with other intelligence MOSs and designated billets that require specific foreign language skills. Linguists supervise and participate in language translation/interpretation activities pertaining primarily to military operational and intelligence activities. The linguist MOSs will be assigned as EMOSs to identify those Marines with qualifying foreign language skills. The titles and MOSs will also be used to identify billets in T/Os requiring specific foreign language skills as required billet MOS (BMOS). These EMOSs will be assigned and voided by the CMC (MM) only.

b. **Prerequisites.** Must be proficient in Malay.

c. **Requirements**

(1) Successfully complete the required course of instruction at the Defense Language Institute, or designated language dialect course.
(Note: Individuals may also qualify for this EMOS by demonstrating proficiency in the appropriate language by achieving a minimum Level 2 proficiency with two modalities listening, reading, or speaking portions of the DLPT.)

(2) Maintain a current qualifying DLPT score Level 2 in two modalities (listening, reading or speaking).

d. **Duties**

(1) Conducts interpretation and translation of foreign language to English and English to foreign language using phraseology selected to preserve the original intent, meaning, and emphasis.

(2) Phrases ideas to avoid language that is stilted, unnatural, or difficult to understand.

(3) Displays an impartial attitude toward each speaker as to facts and opinions expressed.

(4) Interprets into either English or foreign language statements made by participants in meetings, working parties, or similar non-technical activities.

(5) Interviews friendly non-English speaking civilians such as police, clergymen, and other Citizens to obtain information of military value.

(6) May be required to assist in the writing of reports, including opinion as to the credibility of the person interviewed, for use by unit commander and for dissemination to lower, adjacent, and higher headquarters.

(7) Translates into either English or the foreign language, written material of a non-technical nature.

(8) Establishes an archive file of language reference materials and lexical aids such as English to foreign language and foreign language to
English dictionaries, cultural dictionaries, and glossaries of military terms.

e. **Related Standard Occupational Classification (SOC) Title and Code.** Interpreters and Translators 27-3091.

f. **Related Military Skill.** None.

26. MOS 2744, Tagalog (MGySgt-Pvt) EMOS

a. **Summary.** Linguist MOSs are EMOSs used in conjunction with the 267X primary MOSs that indicate specialized foreign language skills, however, they are also used to identify language requirements associated with other intelligence MOSs and designated billets that require specific foreign language skills. Linguists supervise and participate in language translation/interpretation activities pertaining primarily to military operational and intelligence activities. The linguist MOSs will be assigned as EMOSs to identify those Marines with qualifying foreign language skills. The titles and MOSs will also be used to identify billets in T/Os requiring specific foreign language skills as required billet MOS (BMOS). These EMOSs will be assigned and voided by the CMC (MM) only.

b. **Prerequisites.** Must be proficient in Tagalog.

c. **Requirements.**

(1) Successfully complete the required course of instruction at the Defense Language Institute, or designated language dialect course. (Note: Individuals may also qualify for this EMOS by demonstrating proficiency in the appropriate language by achieving a minimum Level 2 proficiency with two modalities listening, reading, or speaking portions of the DLPT.)

(2) Maintain a current qualifying DLPT score Level 2 in two modalities (listening, reading or speaking).

d. **Duties.**

(1) Conducts interpretation and translation of foreign language to English and English to foreign language using phraseology selected to preserve the original intent, meaning, and emphasis.

(2) Phrases ideas to avoid language that is stilted, unnatural, or difficult to understand.

(3) Displays an impartial attitude toward each speaker as to facts and opinions expressed.

(4) Interprets into either English or foreign language statements made by participants in meetings, working parties, or similar non-technical activities.

(5) Interviews friendly non-English speaking civilians such as police, clergymen, and other Citizens to obtain information of military value.
(6) May be required to assist in the writing of reports, including opinion as to the credibility of the person interviewed, for use by unit commander and for dissemination to lower, adjacent, and higher headquarters.

(7) Translates into either English or the foreign language, written material of a non-technical nature.

(8) Establishes an archive file of language reference materials and lexical aids such as English to foreign language and foreign language to English dictionaries, cultural dictionaries, and glossaries of military terms.


f. Related Military Skill. None.

27. MOS 2745, Tausug (MGySgt to Pvt) EMOS

a. Summary. Linguist MOSs are EMOSs used primarily in conjunction with the 267X primary MOSs that indicate specialized foreign language skills. However, they are also used to identify language requirements associated with other MOSs and designated billets that require specific foreign language skills. Linguists supervise and participate in language translation/interpretation activities pertaining primarily to military operational and intelligence activities. The linguist MOSs will be assigned as EMOSs to identify those Marines with qualifying foreign language skills. The titles and MOSs will also be used to identify billets in T/Os requiring specific foreign language skills as required billet MOS (BMOS). These EMOSs will be assigned and voided by the CMC (MM) only.

b. Prerequisites. Must be proficient in Tausug.

c. Requirements

(1) Successfully complete the required course of instruction at the Defense Language Institute. (Note: Individuals may also qualify for this EMOS by demonstrating proficiency in the appropriate language by achieving a minimum level 2 proficiency with two modalities, listening, reading, or the speaking portions of the Defense Language Proficiency test (DLPT).

(2) Maintain a current qualifying Defense Language Proficiency Test (DLPT) with two modalities (listening, reading or speaking) Level 2.

d. Duties

(1) Conducts bi-directional consecutive interpretation of target language to English and English to target language using phraseology selected to preserve the original intent, meaning, and emphasis.

(2) Phrases ideas to avoid language that is stilted, unnatural, and difficult to understand.

(3) Displays an impartial attitude toward each speaker and to facts and opinions expressed.
(4) Interprets into either English or target language the statements made by participants in conferences, working parties, and all similar activities.

(5) Interviews friendly non-English speaking civilians such as police, clergymen, and other Citizens to obtain information of military value.

(6) Writes reports, including opinion as to the credibility of the person interviewed, for use by unit commander and for dissemination to lower, adjacent, and higher headquarters.

(7) Translates into either English or the target language, written material of both a technical and nontechnical nature.

(8) Establishes a file of language reference materials, English and foreign language dictionaries, and glossaries of military terms.

e. **Related Standard Occupational Classification (SOC) Title and Code.**
   Interpreters and Translators 27-3091.

f. **Related Military Skill.** None.

28. **MOS 2746, Thai (MGySgt-Pvt) EMOS**

a. **Summary.** Linguist MOSs are EMOSs used in conjunction with the 267X primary MOSs that indicate specialized foreign language skills, however, they are also used to identify language requirements associated with other intelligence MOSs and designated billets that require specific foreign language skills. Linguists supervise and participate in language translation/interpretation activities pertaining primarily to military operational and intelligence activities. The linguist MOSs will be assigned as EMOSs to identify those Marines with qualifying foreign language skills. The titles and MOSs will also be used to identify billets in T/Os requiring specific foreign language skills as required billet MOS (BMOS). These EMOSs will be assigned and voided by the CMC (MM) only.

b. **Prerequisites.** Must be proficient in Thai.

c. **Requirements**

   (1) Successfully complete the required course of instruction at the Defense Language Institute, or designated language dialect course. (Note: Individuals may also qualify for this EMOS by demonstrating proficiency in the appropriate language by achieving a minimum Level 2 proficiency with two modalities listening, reading, or speaking portions of the DLPT.)

   (2) Maintain a current qualifying DLPT score Level 2 in two modalities (listening, reading or speaking).

d. **Duties**

   (1) Conducts interpretation and translation of foreign language to English and English to foreign language using phraseology selected to preserve the original intent, meaning, and emphasis.
(2) Phrases ideas to avoid language that is stilted, unnatural, or difficult to understand.

(3) Displays an impartial attitude toward each speaker as to facts and opinions expressed.

(4) Interprets into either English or foreign language statements made by participants in meetings, working parties, or similar non-technical activities.

(5) Interviews friendly non-English speaking civilians such as police, clergymen, and other citizens to obtain information of military value.

(6) May be required to assist in the writing of reports, including opinion as to the credibility of the person interviewed, for use by unit commander and for dissemination to lower, adjacent, and higher headquarters.

(7) Translates into either English or the foreign language, written material of a non-technical nature.

(8) Establishes an archive file of language reference materials and lexical aids such as English to foreign language and foreign language to English dictionaries, cultural dictionaries, and glossaries of military terms.


f. Related Military Skill. None.

29. MOS 2747, Vietnamese (MGySgt-Pvt) EMOS

a. Summary. Linguist MOSs are EMOSs used in conjunction with the 267X primary MOSs that indicate specialized foreign language skills, however, they are also used to identify language requirements associated with other intelligence MOSs and designated billets that require specific foreign language skills. Linguists supervise and participate in language translation/interpretation activities pertaining primarily to military operational and intelligence activities. The linguist MOSs will be assigned as EMOSs to identify those Marines with qualifying foreign language skills. The titles and MOSs will also be used to identify billets in T/Os requiring specific foreign language skills as required billet MOS (BMOS). These EMOSs will be assigned and voided by the CMC (MM) only.

b. Prerequisites. Must be proficient in Vietnamese.

c. Requirements

(1) Successfully complete the required course of instruction at the Defense Language Institute, or designated language dialect course. (Note: Individuals may also qualify for this EMOS by demonstrating proficiency in the appropriate language by achieving a minimum Level 2 proficiency with two modalities listening, reading, or speaking portions of the DLPT.)

(2) Maintain a current qualifying DLPT score Level 2 in two modalities (listening, reading or speaking).
d. **Duties**

(1) Conducts interpretation and translation of foreign language to English and English to foreign language using phraseology selected to preserve the original intent, meaning, and emphasis.

(2) Phrases ideas to avoid language that is stilted, unnatural, or difficult to understand.

(3) Displays an impartial attitude toward each speaker as to facts and opinions expressed.

(4) Interprets into either English or foreign language statements made by participants in meetings, working parties, or similar non-technical activities.

(5) Interviews friendly non-English speaking civilians such as police, clergymen, and other Citizens to obtain information of military value.

(6) May be required to assist in the writing of reports, including opinion as to the credibility of the person interviewed, for use by unit commander and for dissemination to lower, adjacent, and higher headquarters.

(7) Translates into either English or the foreign language, written material of a non-technical nature.

(8) Establishes an archive file of language reference materials and lexical aids such as English to foreign language and foreign language to English dictionaries, cultural dictionaries, and glossaries of military terms.

e. **Related Standard Occupational Classification (SOC) Title and Code.**
Interpreters and Translators 27-3091.

f. **Related Military Skill.** None.

30. **MOS 2748, Maranao (MGySgt to Pvt) EMOS**

a. **Summary.** Linguist MOSs is EMOSs used in conjunction with the 267X primary MOSs that indicate specialized foreign language skills. However, they are also used to identify language requirements associated with other intelligence MOSs and designated billets that require specific foreign language skills. Linguists supervise and participate in language translation/interpretation activities pertaining primarily to military operational and intelligence activities. The linguist MOSs will be assigned as EMOSs to identify those Marines with qualifying foreign language skills. The titles and MOSs will also be used to identify billets in T/Os requiring specific foreign language skills as a required billet MOS (BMOS). These EMOSs will be assigned and voided by the CMC (MM) only.

b. **Prerequisites.** Must be proficient in Maranao.

c. **Requirements**

(1) Successfully complete the required course of instruction at the Defense Language Institute. (Note: Individuals may also qualify for this EMOS by demonstrating proficiency in the appropriate language by achieving a
minimum Level 2 proficiency with two modalities, listening, reading, or the speaking portions of the Defense Language Proficiency test (DLPT).

(2) Maintain a current qualifying Defense Language Proficiency Test (DLPT) with two modalities (listening, reading or speaking) Level 2.

d. Duties

(1) Conducts bi-directional consecutive interpretation of target language to English and English to target language using phraseology selected to preserve the original intent, meaning, and emphasis.

(2) Phrases ideas to avoid language that is stilted, unnatural, and difficult to understand.

(3) Displays an impartial attitude toward each speaker and to facts and opinions expressed.

(4) Interprets into either English or target language the statements made by participants in conferences, working parties, and all similar activities.

(5) Interviews friendly non-English speaking civilians such as police, clergymen, and other Citizens to obtain information of military value.

(6) Writes reports, including opinion as to the credibility of the person interviewed, for use by unit commander and for dissemination to lower, adjacent, and higher headquarters.

(7) Translates into either English or the target language, written material of both a technical and nontechnical nature.

(8) Establishes a file of language reference materials, English and foreign language dictionaries, and glossaries of military terms.


f. Related Military Skill. None.

31. MOS 2749, Yakan (MGySgt to Pvt) EMOS

a. Summary. Linguist MOSs is EMOSs used in conjunction with the 267X primary MOSs that indicate specialized foreign language skills. However, they are also used to identify language requirements associated with other intelligence MOSs and designated billets that require specific foreign language skills. Linguists supervise and participate in language translation/interpretation activities pertaining primarily to military operational and intelligence activities. The linguist MOSs will be assigned as EMOSs to identify those Marines with qualifying foreign language skills. The titles and MOSs will also be used to identify billets in T/Os requiring specific foreign language skills as a required billet MOS (BMOS). These EMOSs will be assigned and voided by the CMC (MM) only.

b. Prerequisites. Must be proficient in Yakan.
c. **Requirements**

(1) Successfully complete the required course of instruction at the Defense Language Institute. (Note: Individuals may also qualify for this EMOS by demonstrating proficiency in the appropriate language by achieving a minimum Level 2 proficiency with two modalities, listening, reading, or the speaking portions of the Defense Language Proficiency test (DLPT).

(2) Maintain a current qualifying Defense Language Proficiency Test (DLPT) with two modalities (listening, reading or speaking) Level 2.

d. **Duties**

(1) Conducts bi-directional consecutive interpretation of target language to English and English to target language using phraseology selected to preserve the original intent, meaning, and emphasis.

(2) Phrases ideas to avoid language that is stilted, unnatural, and difficult to understand.

(3) Displays an impartial attitude toward each speaker and to facts and opinions expressed.

(4) Interprets into either English or target language the statements made by participants in conferences, working parties, and all similar activities.

(5) Interviews friendly non-English speaking civilians such as police, clergymen, and other Citizens to obtain information of military value.

(6) Writes reports, including opinion as to the credibility of the person interviewed, for use by unit commander and for dissemination to lower, adjacent, and higher headquarters.

(7) Translates into either English or the target language, written material of both a technical and nontechnical nature.

(8) Establishes a file of language reference materials, English and foreign language dictionaries, and glossaries of military terms.

e. **Related Standard Occupational Classification (SOC) Title and Code.** Interpreters and Translators 27-3091.

f. **Related Military Skill.** None.

32. **MOS 2754, Dutch (MGySgt-Pvt) EMOS**

a. **Summary.** Linguist MOSs are EMOSs used in conjunction with the 267X primary MOSs that indicate specialized foreign language skills, however, they are also used to identify language requirements associated with other intelligence MOSs and designated billets that require specific foreign language skills. Linguists supervise and participate in language translation/interpretation activities pertaining primarily to military operational and intelligence activities. The linguist MOSs will be assigned as EMOSs to identify those Marines with qualifying foreign language skills. The titles and MOSs will also be used to identify billets in T/Os requiring
specific foreign language skills as required billet MOS (BMOS). These EMOSs will be assigned and voided by the CMC (MM) only.

b. Prerequisites. Must be proficient in Dutch.
c. Requirements

(1) Successfully complete the required course of instruction at the Defense Language Institute. (Note: Individuals may also qualify for this EMOS by demonstrating proficiency in the appropriate language by achieving a minimum Level 2 proficiency with two modalities, listening, reading, or the speaking portions of the Defense Language Proficiency test (DLPT).

(2) Maintain a current qualifying Defense Language Proficiency Test (DLPT) with 2 modalities (listening, reading or speaking) Level 2.
d. Duties

(1) Conducts interpretation and translation of foreign language to English and English to foreign language using phraseology selected to preserve the original intent, meaning, and emphasis.

(2) Phrases ideas to avoid language that is stilted, unnatural, or difficult to understand.

(3) Displays an impartial attitude toward each speaker as to facts and opinions expressed.

(4) Interprets into either English or foreign language statements made by participants in meetings, working parties, or similar non-technical activities.

(5) Interviews friendly non-English speaking civilians such as police, clergymen, and other Citizens to obtain information of military value.

(6) May be required to assist in the writing of reports, including opinion as to the credibility of the person interviewed, for use by unit commander and for dissemination to lower, adjacent, and higher headquarters.

(7) Translates into either English or the foreign language, written material of a non-technical nature.

(8) Establishes an archive file of language reference materials and lexical aids such as English to foreign language and foreign language to English dictionaries, cultural dictionaries, and glossaries of military terms.
f. Related Military Skill. None.

33. MOS 2756, Finnish (MGySgt-Pvt) EMOS

a. Summary. Linguist MOSs are EMOSs used in conjunction with the 267X primary MOSs that indicate specialized foreign language skills, however, they are also used to identify language requirements associated with other intelligence MOSs and designated billets that require specific foreign language skills.