DEPARTMENT OF THE NAVY
HEADQUARTERS UNITED STATES MARINE CORPS
3000 MARINE CORPS PENTAGON
WASHINGTON, DC 20350-3000

NAVMC 3500.66C
C 466
12 Jul 17

NAVMC 3500.66C

From: Commandant of the Marine Corps
To: Distribution List

Subj: EXPLOSIVE ORDNANCE DISPOSAL TRAINING AND READINESS MANUAL

Ref: (a) MCO P3500.72A
(b) MCO 1553.3B
(c) MCTP 8-10A
(d) MCTP 8-10B
(e) MCO 1553.2C

Encl: (1) EOD T&R Manual

1. Purpose. Per reference (a), this Training and Readiness (T&R) Manual, contained in enclosure (1), establishes training standards, regulations, and policies regarding the training of Marines in the Explosive Ordnance Disposal Occupational Field.

2. Cancellation. NAVMC 3500.66B

3. Scope

a. Per reference (b), commanders will conduct an internal assessment of the unit's ability to execute its mission and develop long-, mid-, and short-range training plans to sustain proficiency and correct deficiencies. Training plans will incorporate these events to standardize training and provide objective assessment of progress toward attaining combat readiness. Commanders will keep records at the unit and individual levels to record training achievements, identify training gaps, and document objective assessments of readiness associated with training Marines. References (c) and (d) provide amplifying information for effective planning and management of training within the unit.

b. Formal school and training detachment commanders will use references (a) and (e) to ensure programs of instruction meet skill training requirements established in this manual and provides career-progression training in the events designated for initial training in the formal school environment.

4. Information. Commanding General (CG), Training and Education Command (TECOM) will update this T&R Manual as necessary to provide current and relevant training standards to commanders. All questions pertaining to the Marine Corps Ground T&R Program and Unit Training Management should be directed to: CG, TECOM, Marine Air Ground Task Force Training and Education Standards Division (C 466), 1019 Elliot Road, Quantico, Virginia 22134.

5. Command. This Manual is applicable to the Marine Corps Total Force.

6. Certification. Reviewed and approved this date.

K. M. IIAMS
By direction

DISTRIBUTION: PCN 10031978700

LOCATOR SHEET

Subj: EOD TRAINING AND READINESS MANUAL

Location: _____
(Indicate location(s) of copy(ies) of this manual)

RECORD OF CHANGES

Log completed change action as indicated.

Change Number	Date of Change	Date Entered	Signature of Person Incorporating Change

TRAINING AND READINESS MANUAL

TABLE OF CONTENTS

CHAPTER

APPENDICES

EOD TRAINING AND READINESS MANUAL

CHAPTER 1

OVERVIEW

EOD TRAINING AND READINESS MANUAL

CHAPTER 1

OVERVIEW

1000. INTRODUCTION

1. The T&R Program is the Corps' primary tool for planning, conducting and evaluating training and assessing training readiness. Subject matter experts (SMEs) from the operating forces developed core capability Mission Essential Task List(s) (METLs) for ground communities derived from the Marine Corps Task List (MCTL). This T&R Manual is built around these METLs and other related Marine Corps Tasks (MCT). All events contained in the Manual relate directly to these METLs and MCTs. This comprehensive T&R Program will help to ensure the Marine Corps continues to improve its combat readiness by training more efficiently and effectively. Ultimately, this will enhance the Marine Corps' ability to accomplish real-world missions.

2. The T&R Manual contains the individual and collective training requirements to prepare units to accomplish their combat mission. The T&R Manual is not intended to be an encyclopedia that contains every minute detail of how to accomplish training. Instead, it identifies the minimum standards that Marines must be able to perform in combat. The T&R Manual is a fundamental tool for commanders to build and maintain unit combat readiness. Using this tool, leaders can construct and execute an effective training plan that supports the unit's METL. More detailed information on the Marine Corps Ground T&R Program is found in reference (a).

3. The T&R Manual is designed for use by unit commanders to determine pre-deployment training requirements in preparation for training and for Formal Schools and Training Detachments to create Programs of Instruction (POI). This directive focuses on individual and collective tasks performed by operating forces (OPFOR) units and supervised by personnel in the performance of unit Mission Essential Tasks (METs).

1001. UNIT TRAINING

1. The training of Marines to perform as an integrated unit in combat lies at the heart of the T&R program. Unit and individual readiness are directly related. Individual training and the mastery of individual core skills serve as the building blocks for unit combat readiness. A Marine's ability to perform critical skills required in combat is essential.

2. Commanders will ensure that all training is focused on their combat mission. Unit training should focus on achieving proficiency in the unit METL. The T&R Manual is a tool to help develop the unit's training plan based on the unit METL, as approved by their higher commander and reported in the DRRS. Training will support the unit METL and be designed to meet T&R standards. Commanders at all levels are responsible for effective combat training. The conduct of standards based training consistent with Marine Corps T&R standards cannot be over emphasized.

1002. UNIT TRAINING MANAGEMENT

1. Effective Unit Training Management (UTM) focuses the overall organization on development of training plans based on the unit METL and standards-based community T&R events. This is accomplished in a manner that maximizes training results and focuses the training priorities of the unit in preparation for the conduct of its mission.

2. UTM techniques, described in reference (b), (c), and (d) provide commanders with the requisite tools and techniques to analyze, design, develop, implement, and evaluate the training of their unit. To maintain an efficient and effective training program, leaders at every level must understand and implement UTM.

1003. SUSTAINMENT AND EVALUATION OF TRAINING

1. Marines are expected to maintain proficiency in the training events for their MOS at the appropriate grade or billet to which assigned. Leaders are responsible for recording the training achievements of their Marines. For individual or collective training events not executed and evaluated as part of the daily routine, leaders must ensure proficiency is sustained by requiring retraining of each event at or before expiration of the designated sustainment interval.

2. The evaluation of training is necessary to properly prepare Marines for combat. Evaluations are either formal or informal, and performed by members of the unit (internal evaluation) or from an external command (external evaluation). The purpose of formal and informal evaluation is to provide commanders with a process to determine a unit's/Marine's proficiency in the tasks that must be performed in combat. Informal evaluations are conducted during every training evolution. Formal evaluations are often scenario-based, focused on the unit's METs, based on collective training standards, and usually conducted during higher-level collective events.

3. Evaluation is a continuous process that is integral to training management and is conducted by leaders at every level and during all phases of planning and the conduct of training. To ensure training is efficient and effective, evaluation is an integral part of the training plan. Ultimately, leaders remain responsible for determining if the training was effective.

1004. ORGANIZATION

This EOD T&R Manual is comprised of 7 chapters and 4 appendices. Chapter 1 is an overview of the Ground T&R Program. Chapter 2 lists the core METs/Marine Corps tasks supported by the Community, which are used as part of the DRRS.

Chapter 3 contains collective events. Chapter 4 contains T&R events that are common to all ranks within the community. Chapter 5 contains T&R events for MOS 2305, Chapter 6 contains T&R events for MOS 2336. Chapter 7 contains T&R events for Methods of Entry. Appendix A contains acronyms and abbreviations; Appendix B contains terms and definitions; Appendix C contains career progression philosophy for the community; and Appendix D contains Class V(w) requirements.

1005. T&R EVENT CODING

1. Event Code. The event code is an up to 4-4-4 alphanumeric character set:

a. First up to 4 characters indicate MOS or Community (e.g., 0321, 1812 or INTL)

b. Second up to 4 characters indicate functional or duty area (e.g. DEF, FSPT, MVMT, etc.)

c. Third 4 characters indicate the unit size and supported unit, if applicable (1000 through 9000), and sequence. Figure 1-1 shows the relationship of unit size to event code. NOTE: The titles for the various echelons are for example only, and are not exclusive. For example: 4000-level events are appropriate for Section-level events as noted, but also for Squad-level events.

Individual Training **Entry-Level Formal School Training (Core Skills)**	**Individual Training** **Skills Progression MOJT, Advanced Level Schools (Core Plus Skills)**	**Collective Training** **Crew/Team**
1000-level	2000-level	3000-level
Collective Training **Squad/Section**	**Collective Training** **Platoon**	**Collective Training** **Company**
4000-level	5000-level	6000-level
Collective Training **Battalion/Squadron**	**Collective Training** **Regiment/Group**	**Collective Training** **Command Element**
7000-level	8000-level	9000-level

Figure. 1-1 T&R Event Levels

2. Grouping. Categorizing events with the use of a recognizable code makes the type of skill or capability being referenced fairly obvious. Examples include: PAT for patrolling events, DEF for events in the defense, FSPT for events related to fire support, etc. There is no special significance to the functional areas, but they should be intuitive to make it as easy as possible for the T&R user to find events. When organizing the T&R Manual, functional areas are alphabetized then the associated events are numbered. The events will be numbered based upon the introduction of each new functional area,

allowing up to "999" events. For example: if there are seven Administrative events 4431 occupational field, then the events should start 4431-ADMN-1001 and run through 1007. Next, the Bulk Fuel events, BUFL should start at 4431-BUFL-1001.

3. Sequencing. A numerical code is assigned to each individual (1000-2000 level) or collective (3000-9000 level) training event. The first number identifies the size of the unit performing the event, as depicted in figure 1-1. EXCEPTION: Events that relate to staff planning, to the conduct of a command operations center or to staff level decision making processes will be numbered according to the level of the unit to which the staff belongs. For example: an infantry battalion staff conducting planning for an offensive attack would be labeled as INF-PLAN-7001 even though the entire battalion is not actively involved in the planning of the operation. T&R event sequence numbers that begin with "9" are reserved for Marine Air Ground Task Forces (MAGTF) Command Element (CE) events. An example of event coding is displayed in Figure 1-2.

Functional Area

MOS/Community--------> ####-**####**-***#***### <-1st event in sequence

Event level

Figure 1-2: T&R Event Coding

1006. T&R EVENT COMPOSITION

1. An event contained within a T&R Manual is an individual or collective training standard. This section explains each of the components that make up the T&R event. These items will be included in all of the events in each T&R Manual. Community-based T&R Manuals may have several additional components not found in unit-based T&R Manuals. The event condition, event title (behavior) and event standard should be read together as a grammatical sentence.

2. An example of a collective T&R event is provided in figure 1-3 and an example of an individual T&R event is provided in figure 1-4. Events shown in figures are for illustrative purposes only and are not actual T&R events.

XXXX-XXXX-####: Provide interior guard

SUPPORTED MET(S): MCT #.#.#

EVALUATION CODED: YES/NO SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: Text

CONDITION: Text

STANDARD: Text

EVENT COMPONENTS:
1. Event component.
2. Event component.
3. Event component.

REFERENCES:
1. Reference
2. Reference
3. Reference

PREREQUISITE EVENTS:
XXXX-XXXX-#### XXXX-XXXX-####

INTERNAL SUPPORTED:
XXXX-XXXX-#### XXXX-XXXX-####

INTERNAL SUPPORTING:
XXXX-XXXX-#### XXXX-XXXX-####

SUPPORT REQUIREMENTS:

  EQUIPMENT: XXX

MISCELLANEOUS: XXX

  ADMINISTRATIVE INSTRUCTIONS: XXX

Figure 1-3: Example of a Collective T&R Event

XXXX-XXXX-####: Stand a sentry post

EVALUATION CODED: NO SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: Text

MOS PERFORMING: ####, ####

INITIAL TRAINING SETTING: XXX

CONDITION: Text

STANDARD: Text

PERFORMANCE STEPS:
1. Event component.
2. Event component.
3. Event component.

REFERENCES:
1. Reference
2. Reference
3. Reference

PREREQUISITE EVENTS:
XXXX-XXXX-#### XXXX-XXXX-####

INTERNAL SUPPORTED:
XXXX-XXXX-#### XXXX-XXXX-####

INTERNAL SUPPORTING:
XXXX-XXXX-#### XXXX-XXXX-####

SUPPORT REQUIREMENTS:

EQUIPMENT: XXX

MISCELLANEOUS: XXX

ADMINISTRATIVE INSTRUCTIONS: XXX

Figure 1-4: Example of an Individual Event

1. Event Code. The event code is explained in paragraph 1005.

2. Title. The name of the event. The event title contains one action verb and ideally, one object.

3. Evaluation Coded. Collective events categorize the capabilities that a given unit may be expected to perform. There are some collective events that the Marine Corps has determined that a unit MUST be able to perform, if that unit is to be considered fully ready for operations. These E-Coded events represent the irreducible minimum or the floor of readiness for a unit. E-Coded events are derived from the training measures of effectiveness for the METs for units that must report readiness in the DRRS. It would seem intuitive that most E-Coded events would be for Battalion sized units and higher since those are the units that report in DRRS. However, if the Marine Corps has determined that the readiness of a subordinate, supporting unit to accomplish a particular collective event is vital to the accomplishment of the supported unit's MET, then that lower echelon collective event is E-Coded.

4. Supported MET(s). List all METs that are supported by the training event in the judgment of the occupation field drafting the T&R Manual, even if those events are not listed as Measure of Effectiveness (MOEs) in a MET.

5. Sustainment Interval. It is critical to understand the intent of the Sustainment Interval so training time is not wasted with duplicated training. Sustainment Interval is expressed in number of months. Most individual T&R events and many lower level collective events are never out of sustainment because they are either part of a Marine's daily routine, or are frequently executed within the sustainment interval. Sustainment Interval is relevant when an individual or collective event is not observed and evaluated within the sustainment period, has atrophied, and therefore retraining and evaluation is required.

6. Billet/MOS. Each individual training event will contain a billet code and/or MOS that designates who is responsible for performing that event and any corresponding formal course required for that billet. Each commander has the flexibility to shift responsibilities based on the organization of his command. These codes are based on recommendations from the collective subject matter expertise that developed this manual and are listed for each event.

7. Grade. The Grade field indicates the rank at which Marines are required to complete the event.

8. Description. This field allows T&R developers to include an explanation of event purpose, objectives, goals, and requirements. It is a general

description of an action requiring learned skills and knowledge, i.e., engage fixed target with crew-served weapons. This is an optional field for individual events but is required for collective events. This field can be of great value guiding a Formal School or OPFOR unit trying to discern the intent behind an event that might not be readily apparent.

9. Condition. Condition refers to the constraints that may affect event performance in a real-world environment. It indicates what is provided (equipment, tools, materials, manuals, aids, etc.), environmental constraints or conditions under which the task is to be performed, and any specific cues or indicators to which the performer must respond. Commanders can modify the conditions of the event to best prepare their Marines to accomplish the assigned mission (e.g. in a desert environment; in a mountain environment; etc.). When resources or safety requirements limit the conditions, this should be stated. The content of the condition should be included in the event on a "by exception" basis. If there exists an assumption regarding the conditions under which all or most of the events in the Manual will be performed, then only those additional or exceptional items required should be listed in the condition. The common conditions under which all the events in a chapter will be executed will be listed as a separate paragraph at the beginning of the chapter.

10. Standard. The performance standard indicates the basis for judging the effectiveness of the performance. It consists of a carefully worded statement that identifies the proficiency level expected when the task is performed. The standard provides the minimum acceptable performance parameters and must be strictly adhered to. The standard for collective events will likely be general, describing the desired end-state or purpose of the event. The standard for individual events will be objective, quantifiable, and readily observable. Standards will more specifically describe to what proficiency level, specified in terms of accuracy, completeness, time required, and sequencing the event is to be accomplished. These guidelines can be summarized in the acronym "ACTS" (Accuracy Completeness Time Sequence. In no cases will "per the reference" or "per/in accordance with commander's intent" be used as a stand-alone standard.

11. Event Components/Performance Steps. Description of the actions that the event is composed of, or a list of subordinate, included T&R event and event descriptions. The event components help the user determine what must be accomplished and the proper sequence of execution of subordinate events. Event components are used for collective events; performance steps are used for individual events.

a. The event components and performance steps will be consciously written so that they may be employed as performance evaluation check lists by the operating forces. They must be sequenced to demonstrate the building block approach to training.

b. Event components may be events one individual in the unit performs, events that small groups in the unit perform, or events involving the entire unit.

12. Chained Events. Enables unit leaders to effectively identify prerequisite, supporting, and supported events that ultimately support MCTs/METs. Supported events are chained to supporting events to enable the accomplishment of the supported event to standard and therefore are considered "chained". The completion of identified supported events can be utilized to

update sustainment interval credit for supporting events, based on the assessment of the commander.

13. Prerequisite Events. Prerequisites are academic training or other T&R events that must be completed prior to attempting the task. They are lower-level events or tasks that give the individual/unit the skills required to accomplish the event. They can also be planning steps, administrative requirements, or specific parameters that build toward mission accomplishment.

14. Supported Event. An event whose performance is inherently supported by the performance of one or more supporting events. A supported event will be classified as internal supported if it has been developed specifically for the community. A supported event that has been chained to an event from an external community T&R will be classified as external supported.

15. Supporting Event. An event whose performance inherently supports the performance of a supported event. A supporting event will be classified as internal supporting if it has been developed specifically for the community. A supporting event that has been chained to a community event from an external community T&R will be classified as external supporting.

16. Initial Training Setting. All individual events will designate the setting at which the skill is first taught, either formally, MOJT within the OPFOR, or via a distance learning product (DL).

17. References. The training references shall be utilized to determine task performance steps. They assist the trainee in satisfying the performance standards, or the trainer in evaluating the effectiveness of task completion. T&R Manuals are designed to be a training outline, not to replicate or replace doctrinal publications, reference publications or technical manuals. References are key to developing detailed lesson plans, determining grading criteria, and ensuring standardization of training. For individual events only one authoritative reference is required.

18. Distance Learning Products. Distance learning products include: Individual Multimedia Instruction (IMI), Computer-Based Training (CBT), MarineNet, etc. This notation is included when, in the opinion of the TRMG in consultation with the MTESD representative, the event can be taught via one of these media vice attending a formal course of instruction or receiving MOJT.

19. Support Requirements. This is a list of the external and internal support the unit and Marines will need to complete the event. This is a key section in the overall T&R effort, as resources will eventually be tied directly to the training towards METS. Future efforts to attain and allocate resources will be based on the requirements outlined in the T&R Manual. The list includes, but is not limited to:

- Range(s)/Training Area
- Ordnance
- Equipment
- Materials
- Other Units/Personnel

The ordnance requirements for one year of training for the events in the T&R will be aggregated into a table contained in an appendix to the T&R. The task analyst and the occupational field representatives will be careful not to

"double count" ammunition that might be employed in the performance of individual and collective events that are chained.

20. Suitability of Simulation/Simulators/DL products. The following "Suitability and Sequence" codes listed in Figure 1-5 have been developed to communicate characteristics for employing simulations during training. Units of measure have been assigned based on the amount of time it takes a Marine or unit to train to task utilizing a particular simulator. Suitability and Sequence codes are captured in the event title in a parenthetical remark, as well as within the simulation field of the T&R event. The simulation field also identifies the type of simulation, units of measure, and any other pertinent information.

Code	Requirement
L	The event can only be trained to standard in a Live environment. Any event assessed as "NO" for Simulatable was coded "L."
P	The event must be performed to standard in simulator as a PREREQUISITE to live fire qualification as per current policy, T&R manual, or doctrine.
S/L	Event must be trained to standard in simulation then live unless simulation capacity is not available, then live only training is appropriate.
L/S	Event must be trained to standard in a live environment then simulation unless simulation capacity is not available, then live only training is appropriate.
S	Event can ONLY be conducted to standard and qualification in simulator.

Figure 1-5: Suitability and Sequence codes

a. Training simulation capabilities offer an opportunity to build and sustain proficiency while achieving and/or maintaining certain economies. Commanders should take into consideration simulation tools as a matter of course when designing training.

b. Simulation Terms:

(1) Simulation: A model of a system animated discretely or continuously over a period of time. A simulation may be closed-loop (i.e., it executes based in initial inputs without human intervention), or it may be open-loop (i.e., human input to alter the variables in the system during execution is allowed). A simulation is an approximation of how the modeled system will behave over time. Simulations are constructed based on verified and validated mathematical models of actual systems. Simulations can be very simple or complex depending on the degree of fidelity and resolution needed to understand the behavior of a system.

(2) Simulator: A simulator is the physical apparatus employed as the interface for humans to interact with a model or observe its output. A simulator has input controls and outputs in the form of human sensory stimuli (visual, auditory, olfactory, tactile/haptic, and taste). For instance, some of the features of the vehicle cab (the seat, steering wheel, turn signals, accelerator pedal, brakes, and windshield) and projection screen. Both the vehicle cab and projection screen are the interface by which a human being interacts with the simulated environment of a driving a vehicle and observe the outputs of the mathematical models of vehicle dynamics.

(3) Model: A mathematical representation of the behavior (i.e., shows the behavior of projectiles, combat simulations, etc.) of a system at a distinct point in time.

(4) Live: Real people operates real systems to include both live people operating real platforms or systems on a training range and battle staffs from joint, component or service tactical headquarters using real world C2 systems.

(5) Virtual: Real people operating simulated systems. Virtual simulations inject humans-in-the-loop in a central role by exercising motor control skills (e.g., flying an air platform simulator, engaging targets in indoor simulated marksmanship trainer), decision skills, and/or communication skills.

(6) Constructive: Models and simulations that involve simulated people operating simulated systems (i.e., MAGTF Tactical Warfare Simulation). Real people make inputs to such simulations, but are not involved in determining the outcomes.

(7) Live, Virtual and Constructive Training Environment: Defined by combining any of the three training domains (LVC) to create a common operational environment, by which units can interact across LVC domains as though they are physically located in the same operational environment.

(8) Distance Learning: Any instruction and evaluation provided through a variety of distance learning delivery systems (i.e., MarineNet) where the students and instructors are separated by time and/or location.

c. Figure 1-6 depicts an event title with simulation code and simulation and/or simulators that can be used, as displayed within a T&R event.

XXXX-XXX-XXXX: Call for indirect fire using the grid method (L/S)

SUPPORT REQUIREMENTS:

SIMULATION EVALUATION:

SIMULATED	SUITABILITY	SIMULATOR	UNIT OF MEASURE	HOURS	PM
Yes	L/S	ODS	Marine Hours	12	Y

Figure 1-6: Example of Simulation/Simulators displayed within a T&R event

21. Miscellaneous

a. This field provides space for any additional information that will assist in the planning and execution of the event. Units and FLCS are

cautioned not to disregard this information or to consider the information of lesser importance than what is contained in other parts of the T&R event. Miscellaneous fields provide an opportunity for the drafters of the T&R event to communicate vital information that might not fit neatly into any other available field. The list may include, but is not limited to:

- Admin Instructions
- Special Personnel Certifications
- Equipment Operating Hours
- Road Miles

1007. COMBAT READINESS PERCENTAGE (CRP)

1. The Marine Corps Ground T&R Program includes processes to assess readiness of units and individual Marines. Every unit in the Marine Corps maintains a basic level of readiness based on the training and experience of the Marines in the unit. Even units that never trained together are capable of accomplishing some portion of their missions. Combat readiness assessment does not associate a quantitative value for this baseline of readiness, but uses a "Combat Readiness Percentage" as a method to provide a concise descriptor of the recent training accomplishments of units and Marines.

2. CRP is the percentage of required training events that a unit or Marine accomplishes within specified sustainment intervals.

3. Unit combat readiness is assessed as a percentage of the successfully completed and current (within sustainment interval) key training events called "Evaluation-Coded" (E-Coded) Events. E-Coded Events and unit CRP calculation are described in follow-on paragraphs. CRP achieved through the completion of E-Coded Events is directly relevant to readiness assessment in DRRS.

1008. CRP CALCULATION

1. Collective training begins at the 3000-level (team, crew or equivalent). Unit training plans are designed to accomplish the events that support the unit METL while simultaneously sustaining proficiency in individual core skills. E-Coded collective events are the only events that contribute to unit CRP. This is done to assist commanders in prioritizing the training toward the METL, taking into account resource, time, and personnel constraints.

2. Unit CRP increases after the completion of E-Coded events. The number of E-Coded events for the MET determines the value of each E-Coded event. For example, if there are 4 E-Coded events for a MET, each is worth 25% of MET CRP. MET CRP is calculated by adding the percentage of each completed and current (within sustainment interval) E-Coded training event. The percentage for each MET is calculated the same way and all are added together and divided by the number of METS to determine unit CRP. For ease of calculation, we will say that each MET has four E-Coded events, each contributing 25% towards the completion of the MET. If the unit has completed and is current on three of the four E-Coded events for a given MET, then they have completed 75% of the MET. The CRP for each MET is added together and divided by the number of METS to get unit CRP; unit CRP is the average of MET CRP.

For Example:

MET 1: 75% complete (3 of 4 E-Coded events trained)
MET 2: 100% complete (6 of 6 E-Coded events trained)
MET 3: 25% complete (1 of 4 E-Coded events trained)
MET 4: 50% complete (2 of 4 E-Coded events trained)
MET 5: 75% complete (3 of 4 E-Coded events trained)

To get unit CRP, simply add the CRP for each MET and divide by the number of METS:

MET CRP: 75 + 100 + 25 + 50 + 75 = 325

Unit CRP: 325 (total MET CRP)/5 (total number of METS) = 65%

3. CRP is a valuable tool to assist commanders in readiness reporting by providing objective data to support and inform their subjective assessment.

1009. CHEMICAL BIOLOGICAL RADIOLOGICAL NUCLEAR TRAINING

1. All personnel assigned to the operating force must be trained in CBRN defense in order to survive and continue their mission in this environment. Individual proficiency standards are defined as survival and basic operating standards. Survival standards are those that the individual must master in order to survive CBRN attacks. Basic operating standards are those that the individual, and collectively the unit, must perform to continue operations in a CBRN environment.

2. In order to develop and maintain the ability to operate in a CBRN environment, CBRN training is an integral part of the training plan and events in this T&R Manual. Units should train under CBRN conditions whenever possible. Per reference (c), all units must be capable of accomplishing their assigned mission in a contaminated environment.

1010. NIGHT TRAINING

1. While it is understood that all personnel and units of the operating force are capable of performing their assigned mission in "every clime and place," current doctrine emphasizes the requirement to perform assigned missions at night and during periods of limited visibility. Basic skills are significantly more difficult when visibility is limited.

2. To ensure units are capable of accomplishing their mission they must train under the conditions of limited visibility. Units should strive to conduct all events in this T&R Manual during both day and night/limited visibility conditions. When there is limited training time available, night training should take precedence over daylight training, contingent on the availability of equipment and personnel.

1011. RISK MANAGEMENT (RM)

1. RM is a process that enables commanders to plan for and minimize risk while still accomplishing the mission. It is a tool to aid decision making used by Marines at all levels to increase effectiveness by anticipating hazards and reducing the potential for loss, thereby increasing the probability of success. RM minimizes risks to acceptable levels, commensurate with mission accomplishment.

2. All leaders and Marines will integrate risk management in the planning process and implement hazard controls to reduce risk to acceptable levels. Applying the RM process will reduce mishaps, injuries, and damage they cause, thereby increasing both individual performance and unit readiness. RM assists the commander in avoiding unnecessary risk, determining the balance between training realism and unnecessary risks in training, making an informed decision to implement a course of action (COA), identifying feasible and effective control measures, adjusting training plans to fit the level of proficiency and experience of Marines/Sailors, and providing reasonable alternatives for mission accomplishment.

3. Specifically, Commanders are required to implement and document deliberate risk management in the planning and execution of all training evolutions and activities. Furthermore, the authority to approve or accept Risk Assessment Code (RAC) 1 or 2 hazards will not be delegated below Lieutenant Colonel (O5). Further guidance for RM is found in Marine Corps Order 3500.27_.

1012. IMPROVISED EXPLOSIVE TRAINING

1. Improvised Explosive Device (IED) threat impacts all elements of the MAGTF and all Marines regardless of military occupational specialty, location, or operational environment. The ability to effectively operate and survive in environments with an IED threat is critical to force protection, maintaining combat effectiveness, and mission accomplishment.

2. Per Marine Corps Policy on Organizing, Training, and Equipping for Operations in an IED Environment (MCO 3502.9), Marines must be capable of not only accomplishing their assigned mission, but also accomplishing their mission in environments with an IED threat. Counter-Improvised Explosive Device (C-IED) training must be integrated into the unit training plan IOT ensure personnel assigned to the Operating Forces train and maintain proficiency in C-IED tactics, techniques, and procedures.

EOD TRAINING AND READINESS MANUAL

CHAPTER 2

MISSION ESSENTIAL TASKS MATRIX

EOD TRAINING AND READINESS MANUAL

CHAPTER 2

MISSION ESSENTIAL TASKS MATRIX

2000. EOD CORE AND CORE PLUS MISSION ESSENTIAL TASK (MET) LIST.

The MET table lists the standardized core and core plus METs that are reported for units with an EOD mission.

MARINE CORPS TASK LIST	DESCRIPTION
MCT 6.8	Conduct Explosive Ordnance Disposal (EOD) Operations
MCT 6.8.1	Conduct Explosive Ordnance Disposal (EOD) Operations on Unexploded Explosive Ordnance
MCT 6.8.2	Conduct Explosive Ordnance Disposal (EOD) Operations on Improvised Explosive Devices (IED)
MCT 6.8.3	Conduct Explosive Ordnance Disposal (EOD) Operations on Weapons of Mass Destruction (WMD) Including Chemical, Biological, and Radiological Threats
MCT 6.8.4	Conduct Explosive Ordnance Disposal (EOD) Operations on Conventional Ordnance
MCT 6.8.5	Conduct Explosive Ordnance Disposal (EOD) Operation on Weapon Accidents/Incidents
MCT 6.8.6	Conduct Methods of Entry

2001. COMBAT LOGISTICS BATTALION 3 CORE MET

MARINE CORPS TASK	DESCRIPTION
MCT 6.8	Conduct Explosive Ordnance Disposal (EOD) Operations

2002. COMBAT LOGISTICS BATTALION 3 CORE MET MATRIX

MET 6.8. Conduct Explosive Ordnance Disposal (EOD) Operations
Conditions
C 1.1.3.5 Route Availability: High, Moderate
C.1.3.2 (Very Low Visibility)
C 1.3.2.1 Light: Bright, Day, Low, Negligible
C 2.6.1 (High degree of dispersion)
C 3.3.7.5 (Toxic Industrial Materials (TIM) present in the Civilian Sector)

C 2.1.5 (Minimal time available)
C 2.5.2.3 Ground Transportation Assets: Robust, Limited
C 2.9.2 (Unconventional threat form)
Personnel Standards
Y/N EOD section manned at 90% of T/O with MOS qualified and deployable personnel
Equipment Standards
Y/N EOD section equipped at 80% of overall T/E ready and available with 90% of each principle end item ready and available
Training Standards
Y/N EOD section trained to standard in the following E-Coded events
EOD-ADMN-4001 Provide Support to Other Government Agencies in Support of the Homeland Defense Mission
EOD-CBRN-4001 Conduct Chemical/Biological response operations
EOD-DEMO-4001 Conduct disposal of explosive ordnance
EOD-INTL-4001 Conduct Post Blast Analysis
EOD-OPS-4001 Manage an EOD section
EOD-OPS-4002 Perform explosive ordnance exploitation
EOD-OPS-4003 Conduct operational area clearance
EOD-OPS-4004 Conduct sensitive site exploitation
EOD-OPS-4005 Conduct unexploded explosive ordnance (UXO) response operations
EOD-OPS-4006 Conduct full spectrum EOD operations
EOD-OPS-4007 Conduct IED operations
EOD-OPS-4008 Conduct WMD operations
EOD-OPS-4009 Conduct conventional explosive ordnance operations
EOD-OPS-4010 Provide nuclear ordnance operations
EOD-OPS-4011 Respond to an Aircraft Incident
Output Standards
Y/N Capable of planning, coordinating, and supervising EOD operations ISO supported III MEF HI-Based Units
Y/N EOD Section task organized, trained, and equipped IOT deploy ISO supported III MEF HI-Based Units
Y/N EOD section trained with advanced skill sets IOT deploy ISO supported III MEF HI-Based Units
Y/N EOD Section and Response elements capable of Detecting, Locating, Accessing, diagnosing, rendering safe / neutralizing, exploiting and disposing of UXO, IED and WMD
Y/N Supports restoration of critical mission capability / infrastructure by removing/neutralizing explosive related hazards as an impediment
Y/N Supports restoration of formerly closed or limited accessibility MSRs or AORs through explosive related hazard removal/neutralization
Certification Standards
Y/N Capability to execute task demonstrated in event/exercise/wargame/operation performed within the last 12 months

2003. ENGINEER SUPPORT BATTALION CORE MET

MARINE CORPS TASK	DESCRIPTION
MCT 6.8	Conduct Explosive Ordnance Disposal (EOD) Operations

2004. ENGINEER SUPPORT BATTALION CORE MET MATRIX

MET 6.8. Conduct Explosive Ordnance Disposal (EOD) Operations
Conditions
C 1.1.3.5 Route Availability: High, Moderate
C.1.3.2 (Very Low Visibility)
C 1.3.2.1 Light: Bright, Day, Low, Negligible
C 2.6.1 (High degree of dispersion)
C 3.3.7.5 (Toxic Industrial Materials (TIM) present in the Civilian Sector)
C 2.1.5 (Minimal time available)
C2.5.2.3 Ground Transportation Assets: Robust, Limited
C 2.9.2 (Unconventional threat form)
Personnel Standards
Y/N EOD Company manned at 90% of T/O with MOS qualified and deployable personnel
Equipment Standards
Y/N EOD Company equipped at 80% of overall T/E ready and available with 90% of each principal end item ready and available
Training Standards
Y/N EOD Company trained to standard in the following E-Coded events:
EOD-ADMN-4001 Provide Support to Other Government Agencies in Support of the Homeland Defense Mission
EOD-CBRN-4001 Conduct Chemical/Biological response operations
EOD-DEMO-4001 Conduct disposal of explosive ordnance
EOD-INTL-4001 Conduct Post Blast Analysis
EOD-OPS-4001 Manage an EOD section
EOD-OPS-4002 Perform explosive ordnance exploitation
EOD-OPS-4003 Conduct operational area clearance
EOD-OPS-4004 Conduct sensitive site exploitation
EOD-OPS-4005 Conduct unexploded explosive ordnance (UXO) response operations
EOD-OPS-4006 Conduct full spectrum EOD operations
EOD-OPS-4007 Conduct IED operations
EOD-OPS-4008 Conduct WMD operations
EOD-OPS-4009 Conduct conventional explosive ordnance operations
EOD-OPS-4010 Provide nuclear ordnance operations
EOD-OPS-4011 Respond to an Aircraft Incident
Output Standards

Y/N Capable of planning , coordinating, and supervising EOD operations ISO MAGTF operations
Y/N EOD Sections task organized, trained, and equipped IOT deploy ISO MAGTF operations
Y/N EOD platoons and sections trained with advanced skill sets IOT deploy ISO MAGTF operations
Y/N EOD Platoons, Sections and Response elements capable of Detecting, Locating, Accessing, diagnosing, rendering safe / neutralizing, exploiting and disposing of UXO, IED Nuclear Ordnance and WMD
Y/N Supports restoration of critical mission capability / infrastructure by removing/neutralizing explosive related hazards as an impediment
Y/N Supports restoration of formerly closed or limited accessibility MSRs or AORs through explosive related hazard removal/neutralization
Certification Standards
Y/N Capability to execute task demonstrated in event/exercise/wargame/operation performed within the last 12 months(or since reset from last deployment)

2005. MARINE EXPEDITIONARY UNIT (MEU) CLB CORE MET

MARINE CORPS TASK	DESCRIPTION
MCT 6.8	Conduct Explosive Ordnance Disposal (EOD) Operations

2006. MARINE EXPEDITIONARY UNIT (MEU) CLB CORE MET MATRIX

MET 6.8. Conduct Explosive Ordnance Disposal (EOD) Operations
Conditions
C.1.3.2: Very Low Visibility
C.1.3.2.1: Low/Negligible light
C 2.6.1: High degree of dispersion)
C 3.3.7.5: Toxic Industrial Materials (TIM) present in the Civilian Sector
C 2.1.5: Minimal time Available
C 2.9.2: Unconventional threat form
Personnel Standards
Y/N a Section of Explosive Ordnance Disposal filled with qualified, deployable Marines
Equipment Standards
>= 80% of overall T/E ready and available for Explosive Ordnance Disposal Section
>= 90% of each critical end item ready and available
Training Standards
Y/N EOD Section trained to standard in the following E-Coded events:
EOD-ADMN-4001 Provide Support to Other Government Agencies in Support of the Homeland Defense Mission

EOD-CBRN-4001 Conduct Chemical/Biological response operations
EOD-DEMO-4001 Conduct disposal of explosive ordnance
EOD-INTL-4001 Conduct Post Blast Analysis
EOD-OPS-4001 Manage an EOD section
EOD-OPS-4002 Perform explosive ordnance exploitation
EOD-OPS-4003 Conduct operational area clearance
EOD-OPS-4004 Conduct sensitive site exploitation
EOD-OPS-4005 Conduct unexploded explosive ordnance (UXO) response operations
EOD-OPS-4006 Conduct full spectrum EOD operations
EOD-OPS-4007 Conduct IED operations
EOD-OPS-4008 Conduct WMD operations
EOD-OPS-4009 Conduct conventional explosive ordnance operations
EOD-OPS-4010 Provide nuclear ordnance operations
EOD-OPS-4011 Respond to an Aircraft Incident
Output Standards
Y/N Capable of planning, coordinating, and supervising EOD operations ISO MEU operations
Y/N EOD response elements capable of detecting, locating, accessing, identifying, triaging, diagnosing, stabilizing, rendering safe/neutralizing, recovering, exploiting, and disposing of hazards of foreign and domestic chemical, biological, and high yield explosives, Unexploded Explosive Ordnance (UXO), and Improvised Explosive Devices (IED)
Y/N Restoration of critical mission capability / infrastructure without Explosive related hazards as an impediment
Y/N MSR's or AOR's formerly closed or limited accessibility for the MEU restored due to explosive related hazard removal/neutralization
Y/N Capable of planning, coordinating, and supervising full spectrum EOD operations ISO MAGTF operations
Y/N UXO or IED exploited to gain technical intelligence ICW Marine Exploitation Cell
Y/N Capable of operating with joint and combined forces, governmental, and non-governmental organizations
Observation Standards
Y/N EOD Operations executed under realistic conditions from sea based platforms or expeditionary site(s) during designated MLG PTP

2007. SPMAGTF-CR-AF LCE CORE PLUS MET

MARINE CORPS TASK	DESCRIPTION
MCT 6.8	Conduct Explosive Ordnance Disposal (EOD) Operations

2008. SPMAGTF-CR-AF LCE CORE PLUS MET MATRIX

MET 6.8. Conduct Explosive Ordnance Disposal (EOD) Operations
Conditions
C 1.3.2 Visibility Very low (< 1/8 NM)
C 1.3.2.1 Light Negligible (overcast night)
C 1.3.3.1.2 Nuclear Radiation Effects Low (25 to 200 cGys), Negligible (< 25 cGys)
C 1.3.3.2 Chemical Effects Persistent, semi-persistent, non-persistent, Toxic Industrial Chemicals (TIC), Unconventional
C.1.3.3.3 Biological Effects Pathogens, Toxins, Unconventional
C 2.1.5 Time Available Minimal (minutes to hours)
C 2.6.1 Degree of Dispersion High (a dispersed battlefield with no force concentrations and no major sustainment or logistic concentrations or chokepoints)
C 2.9.2 Threat: Conventional, Unconventional (guerrilla warfare), Nuclear, Chemical, Biological, Terrorist
Personnel Standards
>= 80% of EOD Section billets (per manning document) filled with MOS qualified, deployable Marines
Equipment Standards
>= 80% of overall EDL ready and available for Explosive Ordnance Disposal Section
>= 90% of each critical end item ready and available
Training Standards
Y/N EOD Section trained to standard in the following E-Coded events:
EOD-ADMN-4001 Provide Support to Other Government Agencies in Support of the Homeland Defense Mission
EOD-CBRN-4001 Conduct Chemical/Biological response operations
EOD-DEMO-4001 Conduct disposal of explosive ordnance
EOD-INTL-4001 Conduct Post Blast Analysis
EOD-OPS-4001 Manage an EOD section
EOD-OPS-4002 Perform explosive ordnance exploitation
EOD-OPS-4003 Conduct operational area clearance
EOD-OPS-4004 Conduct sensitive site exploitation
EOD-OPS-4005 Conduct unexploded explosive ordnance (UXO) response operations
EOD-OPS-4006 Conduct full spectrum EOD operations
EOD-OPS-4007 Conduct IED operations
EOD-OPS-4008 Conduct WMD operations
EOD-OPS-4009 Conduct conventional explosive ordnance operations
EOD-OPS-4010 Provide nuclear ordnance operations
EOD-OPS-4011 Respond to an Aircraft Incident
Output Standards
>=5 EOD Response Elements prepared for rapid response
Y/N Capable of planning, coordinating, and supervising EOD operations ISO MAGTF operations, Joint & Combined Operations, Special Operations Forces, and Government Agencies
>= 5 EOD Response Elements capable of detecting, locating, accessing, diagnosing, rendering safe, neutralizing, exploiting and disposing

hazards from foreign and domestic, CBRNE, UXO, IEDs, WMDs
Certification Standards
Y/N Capability to execute task demonstrated in exercise/wargame/operation performed within the last 12 months

2009. SPMAGTF-CR-CC LCE CORE MET

MARINE CORPS TASK	DESCRIPTION
MCT 6.8	Conduct Explosive Ordnance Disposal (EOD) Operations

2010. SPMAGTF-CR-CC LCE CORE MET MATRIX

MET 6.8. Conduct Explosive Ordnance Disposal (EOD) Operations
Conditions
C 1.3.2 Visibility Very low (< 1/8 NM)
C 1.3.2.1Light Negligible (overcast night)
C 1.3.3.1.2Nuclear Radiation Effects Low (25 to 200 cGys), Negligible (< 25 cGys)
C 1.3.3.2Chemical Effects Persistent, semi-persistent, non-persistent, Toxic Industrial Chemicals (TIC), Unconventional
C.1.3.3.3Biological Effects Pathogens, Toxins, Unconventional
C 2.1.5 Time Available Minimal (minutes to hours)
C 2.6.1Degree of Dispersion High (a dispersed battlefield with no force concentrations and no major sustainment or logistic concentrations or chokepoints)
C 2.9.2 Threat Form Conventional, Unconventional (guerrilla warfare), Nuclear, Chemical, Biological, Terrorist
Personnel Standards
>=80% of EOD Section billets (per manning document) filled with MOS qualified, deployable Marines
Equipment Standards
>=80% of overall EDL ready and available for Explosive Ordnance Disposal Section
>=90% of each critical end item ready and available
Training Standards
Y/N EOD Section trained to standard in the following E-Coded events:
EOD-ADMN-4001 Provide Support to Other Government Agencies in Support of the Homeland Defense Mission
EOD-CBRN-4001 Conduct Chemical/Biological response operations

EOD-DEMO-4001 Conduct disposal of explosive ordnance
EOD-INTL-4001 Conduct Post Blast Analysis
EOD-OPS-4001 Manage an EOD section
EOD-OPS-4002 Perform explosive ordnance exploitation
EOD-OPS-4003 Conduct operational area clearance
EOD-OPS-4004 Conduct sensitive site exploitation
EOD-OPS-4005 Conduct unexploded explosive ordnance (UXO) response operations
EOD-OPS-4006 Conduct full spectrum EOD operations
EOD-OPS-4007 Conduct IED operations
EOD-OPS-4008 Conduct WMD operations
EOD-OPS-4009 Conduct conventional explosive ordnance operations
EOD-OPS-4010 Provide nuclear ordnance operations
EOD-OPS-4011 Respond to an Aircraft Incident
Output Standards
>=1 Task organized EOD Section provided to deploy in GS of the SPMAGTF
Y/N Capable of planning, coordinating, and supervising EOD operations ISO MAGTF operations, Joint & Combined Operations, Special Operations Forces, and Government Agencies
Y/N EOD Section capable of detecting, locating, accessing, diagnosing, rendering safe, neutralizing, exploiting and disposing hazards from foreign and domestic, CBRNE, UXO, IEDs, WMDs
Certification Standards
Y/N Capability to execute task demonstrated in exercise/wargame/operation performed within the last 12 months

EOD TRAINING AND READINESS MANUAL

CHAPTER 3

COLLECTIVE EVENTS

EOD TRAINING AND READINESS MANUAL

CHAPTER 3

COLLECTIVE EVENTS

3000. PURPOSE. Chapter 3 contains collective training events for the EOD Community.

3001. EVENT CODING

Events in this T&R Manual are depicted with an up to 12-character, 3-field alphanumeric system, i.e. XXXX-XXXX-XXXX. This chapter utilizes the following methodology:

a. Field one. This field represents the community. This chapter contains the following community codes:

Code	Description
EOD	Explosive Ordnance Disposal

b. Field two. This field represents the functional/duty area. This chapter contains the following functional/duty areas:

Code	Description
ADMN	Administrative
C2	Command and Control
CBRN	Chemical, Biological, Radiological, Nuclear
DEMO	Demolition
INTL	Intelligence
MED	Medical
OPS	Operations

c. Field three. This field provides the level at which the event is accomplished and numerical sequencing of events.

Code	Description
6000	Company
5000	Platoon
4000	Section
3000	Response Element

3002. INDEX OF COLLECTIVE EVENTS

Event Code	E-Coded	Event
6000 Level Events		
EOD-ADMN-6001	**Yes**	**Provide full spectrum EOD support**
EOD-C2-6001	**Yes**	**Command and Control EOD forces**
EOD-C2-6002	**Yes**	**Conduct Explosive Ordnance Disposal Operations Center (EODOC) Operations**
5000 Level Events		

EOD-C2-5001		Command and control an EOD platoon
4000 Level Events		
EOD-ADMN-4001	**Yes**	**Provide Support to Other Government Agencies in Support of the Homeland Defense Mission**
EOD-CBRN-4001	**Yes**	**Conduct Chemical/Biological response operations**
EOD-DEMO-4001	**Yes**	**Conduct disposal of explosive ordnance**
EOD-INTL-4001	**Yes**	**Conduct a post blast analysis**
EOD-OPS-4001	**Yes**	**Manage an EOD section**
EOD-OPS-4002	**Yes**	**Perform explosive ordnance exploitation**
EOD-OPS-4003	**Yes**	**Conduct operational area clearance**
EOD-OPS-4004	**Yes**	**Conduct sensitive site exploitation**
EOD-OPS-4005	**Yes**	**Conduct unexploded ordnance (UXO) response operations**
EOD-OPS-4006	**Yes**	**Conduct full spectrum EOD operations**
EOD-OPS-4007	**Yes**	**Conduct C-IED operations**
EOD-OPS-4008	**Yes**	**Conduct WMD operations**
EOD-OPS-4009	**Yes**	**Conduct conventional explosive ordnance operations**
EOD-OPS-4010	**Yes**	**Provide nuclear ordnance operations**
EOD-OPS-4011	**Yes**	**Respond to an Aircraft Incident**
3000 Level Events		
EOD-CBRN-3001		Conduct Chemical/Biological Response
EOD-CBRN-3002		Conduct emergency decontamination
EOD-DEMO-3001		Conduct disposal of explosive ordnance
EOD-INTL-3001		Conduct Post Blast Analysis
EOD-MED-3001		Conduct Tactical Combat Casualty Care
EOD-OPS-3001		Conduct Sensitive Site Exploitation
EOD-OPS-3002		Conduct unexploded explosive ordnance (UXO) response operations
EOD-OPS-3003		Conduct full spectrum EOD response
EOD-OPS-3004		Conduct IED response
EOD-OPS-3005		Conduct WMD response
EOD-OPS-3006		Conduct conventional explosive ordnance response
EOD-OPS-3007		Provide nuclear ordnance response
EOD-OPS-3008		Respond to an Aircraft Incident

3003. 6000-LEVEL EVENTS

EOD-ADMN-6001: Provide full spectrum EOD support

SUPPORTED MET(S):
MCT 6.8 MCT 6.8.1 MCT 6.8.2
MCT 6.8.3 MCT 6.8.4 MCT 6.8.5
MCT 6.8.6

EVALUATION-CODED: YES **SUSTAINMENT INTERVAL:** 12 months

DESCRIPTION: This task supports planning for MEF level EOD support for MAGTF, Supporting Establishments, Homeland Defense and Special Operations Forces.

CONDITION: Given a mission, Joint, Combined, and/or Interagency environment, a higher headquarters operations order, commanders guidance, and the references.

STANDARD: To plan to locate, access, identify, render safe, neutralize, exploit/analyze and dispose of hazards and components from foreign and domestic, UXO, conventional ordnance, IED, AEH, and Chemical Biological Radiological Nuclear and High-Yield Explosive (CBRNE) to include WMD, that present a threat to operations, installations, personnel or materiel.

EVENT COMPONENTS:
1. Determine time available.
2. Conduct Problem Framing.
3. Determine planning process (MCPP, R2P2, Hasty Planning, or other method).
4. Establish timeline for planning and preparation.
5. Issue Warning Order.
6. Create orders (OPORD, FRAGO, Decision Support Tools, etc.).
7. Issue orders.
8. Implement feedback mechanisms.
9. Coordinate planning with higher, adjacent, subordinate, and supporting units.

REFERENCES:
1. AEODPS 60 Series Automated EOD Publication System
2. JP 3-42 Joint Explosive Ordnance Disposal
3. MCO 3571.2_ Explosive Ordnance Disposal (EOD) Program
4. MCO 8027.1 Interservice Responsibilities for Explosive Ordnance Disposal
5. MCRP 10-10D.1 Multi-Service Tactics, Techniques, and Procedures for Explosive Ordnance
6. MCRP 10-10D.2 MTTPS FOR EXPLOSIVE ORDNANCE DISPOSAL (EOD)
7. MCTP 10-10D MAGTF Explosive Ordnance Disposal

INTERNAL SUPPORTING EVENTS: EOD-C2-5001

EOD-C2-6001: Command and Control EOD forces

SUPPORTED MET(S):

MCT 6.8	MCT 6.8.1	MCT 6.8.2
MCT 6.8.3	MCT 6.8.4	MCT 6.8.5
MCT 6.8.6		

EVALUATION-CODED: YES **SUSTAINMENT INTERVAL:** 12 months

DESCRIPTION: This task supports execution of MEF level EOD support for MAGTF, Supporting Establishments, Homeland Defense and Special Operations Forces.

CONDITION: Given a mission, personnel, equipment, and references.

STANDARD: To enable mission accomplishment for supported elements.

EVENT COMPONENTS:
1. Establish Command and Support relationships.
2. Implement Annex C, appendix 13.
3. Employ C2 Systems.
4. Implement Tactical Control Measures.
5. Track decision points (CCIRs, Essential Elements of Friendly Information EEFI).
6. Track Higher, Adjacent, Subordinate and Supported (HASS) units.

7. Provide FRAG orders to subordinate elements, as necessary.
8. Provide information to Higher, Adjacent, and supported units.
9. Monitor transitions (phases, units, etc.).
10. Maintain situational awareness.
11. Prepare, equip for follow on operations as appropriate.

REFERENCES:
1. AEODPS 60 Series Automated EOD Publication System
2. MCDP 6 Command and Control
3. MCO 3571.2_ Explosive Ordnance Disposal (EOD) Program
4. MCRP 10-10D.1 Multi-Service Tactics, Techniques, and Procedures for Explosive Ordnance
5. MCTP 10-10D MAGTF Explosive Ordnance Disposal

INTERNAL SUPPORTING EVENTS: EOD-C2-5001

SUPPORT REQUIREMENTS:

ORDNANCE:

DODIC	QUANTITY
A059 Cartridge, 5.56mm Ball M855 10/Clip	1600 per Marine
A363 Cartridge, 9mm Ball M882	400 per Marine
AA12 Cartridge, 9mm FX Red Marking	100 per Marine
AA21 Cartridge, 9mm FX Blue Marking	100 per Marine

RANGE/TRAINING AREA:
Facility Code 17502 Non-Standard Small Arms Range
Facility Code 17570 Pistol Known Distance (KD) Range
Facility Code 17571 Combat Pistol/MP Firearms Qualification Course

EQUIPMENT: Family of EOD equipment.

UNITS/PERSONNEL: Corpsman, 8404, 8425, 8427.

EOD-C2-6002: Conduct Explosive Ordnance Disposal Operations Center (EODOC) Operations

SUPPORTED MET(S):

MCT 6.8	MCT 6.8.1	MCT 6.8.2
MCT 6.8.3	MCT 6.8.4	MCT 6.8.5
MCT 6.8.6		

EVALUATION-CODED: YES **SUSTAINMENT INTERVAL:** 12 months

CONDITION: Given vehicles with mounted radios and crew-served weapons, a task organized staff, required attachments from external commands, all required C4I-related infrastructure and equipment, a situation and suitable terrain.

STANDARD: To facilitate command and control, as well as, information processing and exchange between employed EOD response elements and higher, adjacent, and supported agencies appropriate to METT-TSL.

EVENT COMPONENTS:
1. Plan an EOD Operations Center (EODOC).

2. Conduct a review of Unit TAC SOP.
3. Prepare for embark of equipment.
4. Establish EODOC.
5. Provide administrative support to subordinate response element.
6. Facilitate intelligence support to subordinate response element, including the submission of support requests for intel products.
7. Assist in the development of a collection plan in order to support the HHQ/supported-unit(s) scheme of maneuver.
8. Support Information Operations.
9. Conduct Operational Security.
10. Facilitate tactical logistics support to subordinate response elements.
11. Provide communications support to subordinate response elements.
12. Sustained command/control functions; establish a battle rhythm.
13. Conduct battle drills and scenario training.
14. Battle track forces as required.
15. Coordinate with HHQ, FSC, Current Operations, Future Operations and other supported agency planning efforts in support of mission planning.

REFERENCES:
1. AEODPS 60 Series Automated EOD Publication System
2. JP 3-42 Joint Explosive Ordnance Disposal
3. MCDP 6 Command and Control
4. MCO 3571.2_ Explosive Ordnance Disposal (EOD) Program
5. MCRP 10-10D.2 MTTPS FOR EXPLOSIVE ORDNANCE DISPOSAL (EOD)
6. MCRP 3-17.2 Multiservice Procedures for Explosive Ordnance Disposal (NTTP) in a Joint Environment
7. MCTP 10-10D MAGTF Explosive Ordnance Disposal

INTERNAL SUPPORTING EVENTS:

2305-ADMN-2001	2305-ADMN-2002	2305-ADMN-2003
2305-OPS-2001	2305-OPS-2002	2336-ADMN-2201
2336-ADMN-2202	2336-ADMN-2203	2336-ADMN-2205
2336-OPS-2201	23XX-C2-2101	

3004. 5000-LEVEL EVENTS

EOD-C2-5001: Command and control an EOD platoon

SUPPORTED MET(S):

MCT 6.8	MCT 6.8.1	MCT 6.8.2
MCT 6.8.3	MCT 6.8.4	MCT 6.8.5
MCT 6.8.6		

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL:** 12 months

DESCRIPTION: An EOD Platoon is organized to support a Regiment that is not conducting distributed operations, to ensure appropriate employment of EOD forces; C2 is paramount to the proper employment of EOD Sections.

CONDITION: Given a mission, personnel, equipment, and references.

STANDARD: To enable mission accomplishment for supported elements.

EVENT COMPONENTS:
1. Establish Command and Support relationships.
2. Implement Annex C, appendix 13.

3. Employ C2 Systems.
4. Implement Tactical Control Measures.
5. Track decision points (CCIRs, Essential Elements of Friendly Information EEFI).
6. Track Higher, Adjacent, Subordinate and Supported (HASS) units.
7. Provide FRAG orders to subordinate elements, as necessary.
8. Provide information to Higher, Adjacent, and supported units.
9. Monitor transitions (phases, units, etc.).
10. Maintain situational awareness.
11. Prepare, equip for follow on operations as appropriate.

REFERENCES:
1. JP 3-42 Joint Explosive Ordnance Disposal
2. MCDP 6 Command and Control
3. MCO 3571.2_ Explosive Ordnance Disposal (EOD) Program
4. MCRP 10-10D.1 Multi-Service Tactics, Techniques, and Procedures for Explosive Ordnance
5. MCRP 10-10E.1 MTTP for CBRN Aspects of Command and Control
6. MCTP 10-10D MAGTF Explosive Ordnance Disposal

INTERNAL SUPPORTING EVENTS:

2305-ADMN-2005	23XX-C2-2101	EOD-ADMN-4001
EOD-DEMO-4001	EOD-INTL-4001	EOD-OPS-4001
EOD-OPS-4002	EOD-OPS-4003	EOD-OPS-4004
EOD-OPS-4005	EOD-OPS-4006	EOD-OPS-4007
EOD-OPS-4008	EOD-OPS-4009	EOD-OPS-4010
EOD-OPS-4011		

INTERNAL SUPPORTED EVENTS:

EOD-ADMN-6001	EOD-C2-6001

3005. 4000-LEVEL EVENTS

EOD-ADMN-4001: Provide Support to Other Government Agencies in Support of the Homeland Defense Mission

SUPPORTED MET(S):

MCT 6.8	MCT 6.8.1	MCT 6.8.2
MCT 6.8.3	MCT 6.8.4	MCT 6.8.5

EVALUATION-CODED: YES **SUSTAINMENT INTERVAL:** 12 months

DESCRIPTION: Provide Defense Support of Civil Authorities and Very Important Personnel Protection Support Activity.

CONDITION: Given a request or task for support.

STANDARD: To ensure all explosive/energetic threats are mitigated.

EVENT COMPONENTS:
1. Ensure MOA's/MOU's are in place with supported entities.
2. Coordinate with higher headquarters.
3. Provide requested support.
4. Complete the required report.

REFERENCES:

1. AEODPS 60 Series Automated EOD Publication System
2. BLM Handbook A Handbook for Federal Land Managers, with Emphasis on UXO
3. DoD Directive 3025.18 Defense Support of Civil Authorities (DSCA)
4. ECM 06-2 Emergency Response (Explosives or Munitions Emergency Response) Conducted by EOD Personnel
5. MARADMIN 423/06 Training to Support Implementation of National Incident Management System and National Response Plan at USMC Domestic Installations
6. MCO 3571.2_ Explosive Ordnance Disposal (EOD) Program
7. MCO 8027.1 Interservice Responsibilities for Explosive Ordnance Disposal
8. MCRP 10-10D.1 Multi-Service Tactics, Techniques, and Procedures for Explosive Ordnance
9. MCRP 10-10D.2 MTTPS FOR EXPLOSIVE ORDNANCE DISPOSAL (EOD)
10. MMR Military Munitions Rule
11. RCRA Resource Conservation and Recovery Act

INTERNAL SUPPORTING EVENTS:
2305-ADMN-2001 2305-OPS-2002 2336-ADMN-2202

INTERNAL SUPPORTED EVENTS: EOD-C2-5001

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: In order to successfully perform this task personnel should have advanced/evasive driving skills, and complete FEMA courses IS-100: Introduction to incident command, and IS-800 National Response Plan. Refer to CID: A16M9K3 Antiterrorism/Evasive driving course.

EOD-CBRN-4001: Conduct Chemical/Biological response operations

SUPPORTED MET(S):
MCT 6.8 MCT 6.8.1 MCT 6.8.2
MCT 6.8.3 MCT 6.8.4

EVALUATION-CODED: YES **SUSTAINMENT INTERVAL:** 12 months

CONDITION: Given a chemical/biological environment, EOD section, while in appropriate PPE, and utilizing EOD tools and equipment.

STANDARD: To identify, mitigate, and safeguard the hazards.

EVENT COMPONENTS:
1. Coordinate with the on scene commander.
2. Gather all intelligence.
3. Plot downwind hazard area.
4. Set up a hot line or safe area.
5. Clear the downwind hazard area of all personnel.
6. Choose and don correct PPE.
7. Prepare RSP tools and equipment.
8. Search for secondary devices.
9. Perform render safe procedure.
10. Conduct leak-seal, packaging, and mitigation techniques on components.
11. Request disposition instructions from higher.
12. Complete the reporting requirements.

REFERENCES:
1. AEODPS 60 Series Automated EOD Publication System
2. CFR 49 Code of Federal Regulations - Hazardous Materials
3. MCO 3400.2_ Chemical, Biological, Radiological, and Nuclear Defense Training Requirements
4. MCRP 10-10E.6 MTTP for CBRN Consequence Management Operations
5. MCWP 3-37 MAGTF CBRN Support to CWMD Operations
6. NRP National Response Plan

INTERNAL SUPPORTING EVENTS:
EOD-CBRN-3001 EOD-CBRN-3002

INTERNAL SUPPORTED EVENTS: EOD-C2-5001

SUPPORT REQUIREMENTS:

ORDNANCE:

DODIC	QUANTITY
K765 Riot Control Agent, CS	12 per Section

EQUIPMENT: Family of EOD equipment.

UNITS/PERSONNEL: Corpsman, 8404, 8425, 8427 and 5711 (CBRN Marine).

OTHER SUPPORT REQUIREMENTS: Simulant that will test positive for contamination on detection equipment.

EOD-DEMO-4001: Conduct disposal of explosive ordnance

SUPPORTED MET(S):

MCT 6.8	MCT 6.8.1	MCT 6.8.2
MCT 6.8.3	MCT 6.8.4	MCT 6.8.5

EVALUATION-CODED: YES **SUSTAINMENT INTERVAL:** 12 months

DESCRIPTION: Provide the complete disposal of explosive ordnance items that pose a hazard to operations, installations, personnel and/or materiel.

CONDITION: Given demolitions material, a disposal area, and explosive ordnance.

STANDARD: To eliminate all threats/hazards.

EVENT COMPONENTS:
1. Select disposal site.
2. Select disposal method.
3. Determine demolition material requirements.
4. Calculate safe distance.
5. Prepare disposal materials.
6. Initiate firing train.
7. Verify complete disposal.
8. Submit report.

REFERENCES:
1. AEODPS 60 Series Automated EOD Publication System
2. MCO 3440.7_ DOMESTIC SUPPORT OPERATIONS
3. MMR Military Munitions Rule
4. NAVSEA OP 5, VOL 1 Ammunition and Explosives Ashore Safety Regulations for Handling, Storing, Production, Renovation and Shipping
5. NAVSEA SWO60-AA-MMA-010 Demolition Materials

INTERNAL SUPPORTING EVENTS: EOD-DEMO-3001

INTERNAL SUPPORTED EVENTS: EOD-C2-5001

SUPPORT REQUIREMENTS:

ORDNANCE:

DODIC	QUANTITY
G940 Grenade, Hand Green Smoke M18	1 per Section
G950 Grenade, Hand Red Smoke M18	1 per Section
M023 Charge, Demolition Block M112 1-1/4	2 per Marine
M131 Cap, Blasting Non-Electric M7	10 per Marine
M456 Cord, Detonating PETN Type I Class E	500 FT per Marine
M670 Fuse, Blasting Time M700	100 FT per Marine
M757 Charge, Assembly Demolition M183 Com	1 per Marine
M980 Charge, Demolition Sheet 0.0831 Inch	2 FT per Marine
M981 Charge, Demolition Sheet 0.125 Inch	2 FT per Marine
M982 Charge, Demolition Sheet 0.166 Inch	2 FT per Marine
M986 Charge, Demolition Sheet 0.333 Inch	2 FT per Marine
MN08 Igniter, Time Blasting Fuse with Sho	10 per Marine

RANGE/TRAINING AREA:
Facility Code 17830 Light Demolition Range

EQUIPMENT: Family of EOD equipment.

UNITS/PERSONNEL: Corpsman, 8404, 8425, 8427.

EOD-INTL-4001: Conduct a post blast analysis

SUPPORTED MET(S):

MCT 6.8	MCT 6.8.1	MCT 6.8.2
MCT 6.8.3	MCT 6.8.4	MCT 6.8.5

EVALUATION-CODED: YES **SUSTAINMENT INTERVAL:** 12 months

DESCRIPTION: Collection of technical intelligence data from ordnance or IED's is pivotal to situational awareness within the battle space. Post blast analysis includes but is not limited to training personnel in the following categories: point of origin, tactical acuity and fragmentation and/or component identification. These operations increase individual knowledge, provide commanders with the ability to conduct field exploitation for evaluation and technical intelligence of explosive ordnance, IED's and their components.

CONDITION: Given an impact crater or detonation site, fragmentation and/or components, required EOD references, tools and equipment.

STANDARD: To identify ordnance type/explosive device type, Net Explosive Weight, components, possible initiation.

EVENT COMPONENTS:
1. Ensure scene is secure.
2. Search for secondary devices.
3. Gather fragmentation and forensic evidence.
4. Exploit the crater or detonation site.
5. Research fragmentation to accurately identify Ordnance type/explosive device type, Net Explosive Weight, components, and possible initiation.
6. Plot the back azimuth through the maximum range of the weapons system.
7. Complete the report.

REFERENCES:
1. AEODPS 60 Series Automated EOD Publication System
2. ATTP 3-90.15 Site Exploitation Operations
3. MCO 8027.1 Interservice Responsibilities for Explosive Ordnance Disposal
4. MCRP 10-10D.2 MTTPS FOR EXPLOSIVE ORDNANCE DISPOSAL (EOD)
5. MCTP 10-10D MAGTF Explosive Ordnance Disposal

INTERNAL SUPPORTING EVENTS: EOD-INTL-3001

INTERNAL SUPPORTED EVENTS: EOD-C2-5001

SUPPORT REQUIREMENTS:

ORDNANCE:

DODIC	QUANTITY
B643 Cartridge, 60mm High Explosive M888	2 fuzes per Section
C869 Cartridge, 81mm HE M889/M889A1 with	2 fuzes per Section
D529 Proj, 155mm Ext Rng M795	2 projectiles per Section
DA54 Projectile, 155mm HE (IMX-101) w/Sup	2 projectiles per Section
DWEI Pyrotechnic Initiator MK34 Mod 0	2000 FT per Section
K143 Mine, AP M18A1 w/Accessories Electri	2 mines per Section
K250 Mine, Antitank Heavy M19 Non-Metalli	2 mines per Section
M023 Charge, Demolition Block M112 1-1/4	8 charges per Section
M032 Charge, Demolition Block TNT 1-Pound	16 charges per Section
M039 Charge, Demolition Cratering 40-Poun	2 charges per Section
M130 Cap, Blasting Electric M6	10 blasting caps per Section
M131 Cap, Blasting Non-Electric M7	10 blasting caps per Section
M456 Cord, Detonating PETN Type I Class E	200 FT per Section
M591 Dynamite, Military M1	6 Per per Section
M670 Fuse, Blasting Time M700	200 FT per Section
M757 Charge, Assembly Demolition M183 Com	2 charges per Section
MN08 Igniter, Time Blasting Fuse with Sho	12 igniters per Section
MN88 Cap, Blasting, Non-Electric, M21 w/	2 blasting caps per Section
MN90 Cap, Blasting, Non-Electric, M23 w/	2 blasting caps per Section

RANGE/TRAINING AREA:
Facility Code 17410 Maneuver/Training Area, Light Forces
Facility Code 17430 Impact Area Dudded
Facility Code 17830 Light Demolition Range
Facility Code 17963 MOUT Collective Training Facility (Large)

EQUIPMENT: Family of EOD equipment.

MATERIAL: Purchase miscellaneous electronic components and containers to replicate various IEDs found in CONUS and OCONUS.

UNITS/PERSONNEL: Corpsman, 8404, 8425, 8427.

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: Ordnance requirement covered by 23XX-INTL-2101 Perform a post-blast analysis

---

EOD-OPS-4001: Manage an EOD section

SUPPORTED MET(S):

MCT 6.8	MCT 6.8.1	MCT 6.8.2
MCT 6.8.3	MCT 6.8.4	MCT 6.8.5
MCT 6.8.6		

EVALUATION-CODED: YES **SUSTAINMENT INTERVAL:** 12 months

DESCRIPTION: An EOD Section is organized to support a Battalion not conducting distributed operations, to ensure appropriate employment of EOD forces; C2 is paramount to the proper employment of EOD response elements.

CONDITION: Given a mission, personnel, equipment, and references.

STANDARD: To enable mission accomplishment for supported elements.

EVENT COMPONENTS:
1. Analyze current situation.
2. Collect EOD reporting information and submit to higher EOD headquarters.
3. Update staff estimates.
4. Advise commander on current and future EOD employment.
5. Redistribute forces and equipment within battlespace.

REFERENCES:
1. AEODPS 60 Series Automated EOD Publication System
2. MCO 3571.2_ Explosive Ordnance Disposal (EOD) Program

INTERNAL SUPPORTING EVENTS:

2305-ADMN-2001	2305-ADMN-2002	2305-ADMN-2003
2305-ADMN-2004	2305-OPS-2001	2305-OPS-2002
2336-ADMN-2201	2336-ADMN-2202	2336-ADMN-2203
2336-ADMN-2204	2336-ADMN-2205	2336-OPS-2201

INTERNAL SUPPORTED EVENTS: EOD-C2-5001

EOD-OPS-4002: Perform explosive ordnance exploitation

SUPPORTED MET(S):

MCT 6.8	MCT 6.8.1	MCT 6.8.4

EVALUATION-CODED: YES **SUSTAINMENT INTERVAL:** 12 months

DESCRIPTION: Collection of technical intelligence data from Ordnance or Weapon system is pivotal to situational awareness within the battlespace. Explosive ordnance exploitation includes but is not limited to, disassembly, stripping, inerting, fragmentation analysis, post blast investigation, evidence collection, crater analysis, captured enemy ammunition (CEA) evaluation/inspection, and radiographic (x-ray) interpretation. These operation increase individual knowledge, provide commanders with the ability to conduct field exploitation for evaluation and technical intelligence of explosive ordnance and components, and in some cases support national strategic requests for information when dealing with country of origin issues for foreign ordnance. Additionally, explosive ordnance exploitation supports force protection, when domestic or allied country ordnance experiences unacceptably high failure rates, and supports historical preservation.

CONDITION: Given an ordnance item or weapon system of intelligence value.

STANDARD: To strip, disassemble, or inert to gain technical weapons data.

EVENT COMPONENTS:
1. Research Item to be exploited.
2. Develop procedures.
3. Execute procedures.
4. Collect technical intelligence data.
5. Submit reports.

REFERENCES:
1. AEODPS 60 Series Automated EOD Publication System
2. MCO 3571.2_ Explosive Ordnance Disposal (EOD) Program
3. MCTP 10-10D MAGTF Explosive Ordnance Disposal

INTERNAL SUPPORTING EVENTS:

2305-ADMN-2003	2305-OPS-2001	2336-OPS-2201
EOD-DEMO-3001	EOD-OPS-3001	

INTERNAL SUPPORTED EVENTS: EOD-C2-5001

SUPPORT REQUIREMENTS:

ORDNANCE: When available aquire the following via Code H or Special Ammunition Request (SAR):

C234 CTG Smoke WP M370
H842 WHD 2.75in HE XM/M151
HA07 RCKT MTR 2.75in MK-66-4

Ordnance requirement in this event covers 23XX-INTL-2102: Conduct explosive ordnance exploitation. Ordnance containing White Phosphorous is highly recommended but not allocated via T&R. Ordnance containing White Phosphorous should be allocated utilizing a SAR and/or the Code H list at the EOD units¿ discretion.

DODIC	QUANTITY
B546 Cartridge, 40mm HEDP M433	4 per Section
B643 Cartridge, 60mm High Explosive M888	4 per Section
B647 Cartridge, 60mm Illuminating M721	4 per Section

C870	Cartridge, 81mm Smoke Red Phosphorus	4 per Section
C995	Cartridge and Launcher, 84mm M136 AT	4 per Section
CA45	Projectile, 120mm Mortar HE M1101	4 per Section
G940	Grenade, Hand Green Smoke M18	2 per Section
G950	Grenade, Hand Red Smoke M18	2 per Section
M131	Cap, Blasting Non-Electric M7	10 per Section
M670	Fuse, Blasting Time M700	200 FT per Section
M757	Charge, Assembly Demolition M183 Com	2 per Section
MN08	Igniter, Time Blasting Fuse with Sho	10 per Section
NA15	Fuze, Electronic Time M767A1	4 per Section

RANGE/TRAINING AREA:
Facility Code 17410 Maneuver/Training Area, Light Forces
Facility Code 17830 Light Demolition Range
Facility Code 17963 MOUT Collective Training Facility (Large)

EQUIPMENT: Family of EOD equipment.

UNITS/PERSONNEL: Corpsman, 8404, 8425, 8427.

EOD-OPS-4003: Conduct operational area clearance

SUPPORTED MET(S):
MCT 6.8 MCT 6.8.1 MCT 6.8.2
MCT 6.8.4

EVALUATION-CODED: YES **SUSTAINMENT INTERVAL:** 12 months

DESCRIPTION: Operational area clearance is planned, deliberate, and time-consuming. This event entails the location, identification, and removal of unexploded ordnance (UXO) by render safe procedures or disposal. Operational areas contaminated with UXO impede mobility and degrade safety, which potentially constrain maneuver forces.

CONDITION: Given a mission.

STANDARD: To ensure removal of unexploded, dropped, fired, or placed ordnance in order to make the operational area safe for travel and occupation.

EVENT COMPONENTS:
1. Conduct mission analysis.
2. Develop a plan.
3. Task organize section.
4. Execute the plan.
5. Mitigate hazards.
6. Track areas cleared and threats mitigated.
7. Submit reports.

REFERENCES:
1. AEODPS 60 Series Automated EOD Publication System
2. FM 5-250 Explosives and Demolitions
3. MCO 3571.2_ Explosive Ordnance Disposal (EOD) Program
4. MCRP 3-17.2 Multiservice Procedures for Explosive Ordnance Disposal (NTTP) in a Joint Environment

INTERNAL SUPPORTING EVENTS:

2305-ADMN-2003	2305-OPS-2001	2336-OPS-2201
EOD-DEMO-3001	EOD-OPS-3002	EOD-OPS-3004
EOD-OPS-3006		

INTERNAL SUPPORTED EVENTS: EOD-C2-5001

SUPPORT REQUIREMENTS:

ORDNANCE:

DODIC	QUANTITY
M130 Cap, Blasting Electric M6	50 per Section
M131 Cap, Blasting Non-Electric M7	50 per Section
M174 Cartridge, Caliber .50 Impulse Elect	20 per Section
M456 Cord, Detonating PETN Type I Class E	1000 FT per Section
M670 Fuse, Blasting Time M700	1000 FT per Section
M757 Charge, Assembly Demolition M183 Com	6 per Section
M980 Charge, Demolition Sheet 0.0831 Inch	20 FT per Section
M981 Charge, Demolition Sheet 0.125 Inch	20 FT per Section
M982 Charge, Demolition Sheet 0.166 Inch	20 FT per Section
M986- Charge, Demolition Sheet 0.333 Inch	20 FT per Section
MN08 Igniter, Time Blasting Fuse with Sho	30 per Section

RANGE/TRAINING AREA:
Facility Code 17430 Impact Area Dudded
Facility Code 17560 Sniper Field-Fire Range
Facility Code 17670 Mortar Range
Facility Code 17671 Field Artillery Indirect Fire Range
Facility Code 17937 Aerial Bombing Range

EQUIPMENT: Family of EOD equipment.

UNITS/PERSONNEL: Corpsman, 8404, 8425, 8427.

EOD-OPS-4004: Conduct sensitive site exploitation

SUPPORTED MET(S):

MCT 6.8	MCT 6.8.1	MCT 6.8.2
MCT 6.8.3	MCT 6.8.4	MCT 6.8.5

EVALUATION-CODED: YES **SUSTAINMENT INTERVAL:** 12 months

CONDITION: Given a site intelligence data, an EOD section and equipment.

STANDARD: To exploit documents, equipment, personnel and weapons related explosive or hazardous components.

EVENT COMPONENTS:
1. Conduct mission analysis.
2. Develop a comprehensive plan.
3. Identify target/hazards.
4. Collect on-site material.
5. Process scene.
6. Document findings.

7. Report as required.

REFERENCES:
1. AEODPS 60 Series Automated EOD Publication System
2. MCO 8027.1 Interservice Responsibilities for Explosive Ordnance Disposal
3. MCRP 3-17.2 Multiservice Procedures for Explosive Ordnance Disposal (NTTP) in a Joint Environment

INTERNAL SUPPORTING EVENTS: EOD-OPS-3001

INTERNAL SUPPORTED EVENTS: EOD-C2-5001

SUPPORT REQUIREMENTS:

RANGE/TRAINING AREA:
Facility Code 17962 MOUT Collective Training Facility (Small)

EQUIPMENT: Family of EOD equipment.

UNITS/PERSONNEL: Corpsman, 8404, 8425, 8427.

EOD-OPS-4005: Conduct unexploded ordnance (UXO) response operations

SUPPORTED MET(S):
MCT 6.8 MCT 6.8.1 MCT 6.8.3
MCT 6.8.4

EVALUATION-CODED: YES **SUSTAINMENT INTERVAL:** 12 months

CONDITION: Given a mission, unexploded ordnance, personnel, equipment, and references.

STANDARD: To mitigate threats/hazards to personnel, installations, and equipment.

EVENT COMPONENTS:
1. Conduct mission analysis.
2. Develop plan.
3. Task organize force.
4. Coordinate with on scene commander.
5. Coordinate internal/external support, if applicable.
6. Ensure scene is secure.
7. Conduct actions on objectives.
8. Mitigate collateral damage.
9. Submit reports.

REFERENCES:
1. AEODPS 60 Series Automated EOD Publication System
2. CFR Code of Federal Regulations
3. DOD 6055.09-M Volumes 1 through 9 Department of Defense Ammunition and Explosives Safety Standards
4. JP 3-28 Defense Support of Civil Authorities
5. MCRP 10-10D.1 Multi-Service Tactics, Techniques, and Procedures for Explosive Ordnance

INTERNAL SUPPORTING EVENTS:
2305-ADMN-2003 2305-OPS-2001 2336-OPS-2201
EOD-OPS-3002

INTERNAL SUPPORTED EVENTS: EOD-C2-5001

SUPPORT REQUIREMENTS:

ORDNANCE:

DODIC	QUANTITY
M130 Cap, Blasting Electric M6	5 per Marine
M131 Cap, Blasting Non-Electric M7	5 per Marine
M174 Cartridge, Caliber .50 Impulse Elect	2 per Marine
M456 Cord, Detonating PETN Type I Class E	100 FT per Marine
M670 Fuse, Blasting Time M700	100 FT per Marine
M757 Charge, Assembly Demolition M183 Com	1 per Marine
M980 Charge, Demolition Sheet 0.0831 Inch	2 FT per Marine
M981 Charge, Demolition Sheet 0.125 Inch	2 FT per Marine
M982 Charge, Demolition Sheet 0.166 Inch	2 FT per Marine
M986 Charge, Demolition Sheet 0.333 Inch	2 FT per Marine
ML04 Cutter, High Explosive MK23 Mod 0	2 per Marine
ML05 Cutter, High Explosive MK24 Mod 0	2 per Marine
MN08 Igniter, Time Blasting Fuse with Sho	5 per Marine

RANGE/TRAINING AREA:
Facility Code 17830 Light Demolition Range
Facility Code 17962 MOUT Collective Training Facility (Small)

EQUIPMENT: Family of EOD equipment.

UNITS/PERSONNEL: Corpsman, 8404, 8425, 8427.

EOD-OPS-4006: Conduct full spectrum EOD operations

SUPPORTED MET(S):
MCT 6.8 MCT 6.8.1 MCT 6.8.2
MCT 6.8.3 MCT 6.8.4 MCT 6.8.5
MCT 6.8.6

EVALUATION-CODED: YES **SUSTAINMENT INTERVAL:** 12 months

CONDITION: Given a mission, personnel, equipment, and references.

STANDARD: To locate, access, identify, render safe, neutralize, exploit/analyze and dispose of hazards and components from foreign and domestic, UXO, conventional ordnance, IED, AEH, and Chemical Biological Radiological Nuclear and High-Yield Explosive (CBRNE) to include WMD, that present a threat to operations, installations, personnel or materiel.

EVENT COMPONENTS:
1. Determine time available.
2. Conduct Problem Framing.
3. Determine planning process (MCPP, R2P2, Hasty Planning, or other method).

4. Establish timeline for planning and preparation.
5. Issue Warning Order.
6. Create orders (OPORD, FRAGO, Decision Support Tools, etc.).
7. Issue orders.
8. Conduct actions.
9. Implement feedback mechanisms.
10. Coordinate planning with higher, adjacent, subordinate, and supporting units.

REFERENCES:
1. AEODPS 60 Series Automated EOD Publication System
2. Presidential Memorandum Nov. 28, 2011 Managing Government Records

INTERNAL SUPPORTING EVENTS:

2305-ADMN-2001	2305-ADMN-2002	2305-ADMN-2003
2305-ADMN-2004	2305-OPS-2001	2305-OPS-2002
2336-ADMN-2201	2336-ADMN-2202	2336-ADMN-2203
2336-ADMN-2204	2336-ADMN-2205	2336-OPS-2201
EOD-OPS-3003		

INTERNAL SUPPORTED EVENTS: EOD-C2-5001

SUPPORT REQUIREMENTS:

RANGE/TRAINING AREA:
Facility Code 17962 MOUT Collective Training Facility (Small)

EQUIPMENT: Family of EOD equipment.

UNITS/PERSONNEL: Corpsman, 8404, 8425, 8427.

EOD-OPS-4007: Conduct C-IED operations

SUPPORTED MET(S):
MCT 6.8 MCT 6.8.2

EVALUATION-CODED: YES **SUSTAINMENT INTERVAL:** 12 months

CONDITION: Given an IED threat.

STANDARD: To mitigate all explosive hazards.

EVENT COMPONENTS:
1. Conduct mission analysis.
2. Develop plan.
3. Task organize force.
4. Establish command and control.
5. Coordinate internal/external support, if applicable.
6. Conduct actions.
7. Mitigate situation.
8. Submit reports.

REFERENCES:
1. AEODPS 60 Series Automated EOD Publication System
2. CFR 49 Code of Federal Regulations - Hazardous Materials

3. FM 5-250 Explosives and Demolitions
4. OP 2239 Motor Vehicle Driver's Handbook, Ammunition, Explosives and related Hazardous Materials

INTERNAL SUPPORTING EVENTS:
2305-ADMN-2003 2305-OPS-2001 2336-OPS-2201
EOD-OPS-3004

INTERNAL SUPPORTED EVENTS: EOD-C2-5001

SUPPORT REQUIREMENTS:

EQUIPMENT: Family of EOD equipment.

UNITS/PERSONNEL: Corpsman, 8404, 8425, 8427.

EOD-OPS-4008: Conduct WMD operations

SUPPORTED MET(S):
MCT 6.8 MCT 6.8.3

EVALUATION-CODED: YES **SUSTAINMENT INTERVAL:** 12 months

CONDITION: Given a WMD threat.

STANDARD: To detect, locate, identify, and triage in accordance with higher directive.

EVENT COMPONENTS:
1. Conduct mission analysis.
2. Develop plan.
3. Task organize force.
4. Establish command and control.
5. Conduct site reconnaissance.
6. Monitor and survey environment.
7. Provide current reporting to higher.
8. Coordinate internal/external support, if applicable.
9. Perform actions upon direction from appropriate authority.
10. Submit reports.

REFERENCES:
1. AEODPS 60 Series Automated EOD Publication System
2. CFR 49 Code of Federal Regulations - Hazardous Materials
3. DODDIR 3150.5 DOD Response to Improvised Nuclear Device (IND) Incidents
4. DODDIR 3150.8 DOD Response to Radiological Accidents
5. FM 3-11.4 Multiservice tactics, techniques, and procedures for nuclear, biological, and chemical (NBC) protection
6. FM 5-250 Explosives and Demolitions
7. JP 3-40 Countering Weapons of Mass Destruction
8. Presidential Memorandum Nov. 28, 2011 Managing Government Records

INTERNAL SUPPORTING EVENTS:
2305-ADMN-2003 2305-OPS-2001 2336-OPS-2201
EOD-CBRN-3002 EOD-OPS-3005

INTERNAL SUPPORTED EVENTS: EOD-C2-5001

SUPPORT REQUIREMENTS:

RANGE/TRAINING AREA:
Facility Code 17962 MOUT Collective Training Facility (Small)

EQUIPMENT: Family of EOD equipment. Bauer Air Compressor.

UNITS/PERSONNEL: Corpsman, 8404, 8425, 8427.

EOD-OPS-4009: Conduct conventional explosive ordnance operations

SUPPORTED MET(S):
MCT 6.8 MCT 6.8.4

EVALUATION-CODED: YES **SUSTAINMENT INTERVAL:** 12 months

CONDITION: Given a mission, personnel, equipment, and references.

STANDARD: To mitigate hazards of explosive ordnance and weapon systems.

EVENT COMPONENTS:
1. Conduct mission analysis.
2. Develop plan.
3. Task organize force.
4. Establish command and control.
5. Coordinate internal/external support, if applicable.
6. Conduct actions.
7. Mitigate situation.
8. Submit reports.

REFERENCES:
1. AEODPS 60 Series Automated EOD Publication System
2. CFR 49 Code of Federal Regulations - Hazardous Materials
3. FM 3-11.4 Multiservice tactics, techniques, and procedures for nuclear, biological, and chemical (NBC) protection
4. FM 5-250 Explosives and Demolitions
5. JP 3-40 Countering Weapons of Mass Destruction
6. OP 2239 Motor Vehicle Driver's Handbook, Ammunition, Explosives and related Hazardous Materials

INTERNAL SUPPORTING EVENTS:
2305-ADMN-2003 2305-OPS-2001 2336-OPS-2201
EOD-OPS-3006

INTERNAL SUPPORTED EVENTS: EOD-C2-5001

SUPPORT REQUIREMENTS:

EQUIPMENT: Family of EOD equipment.

UNITS/PERSONNEL: Corpsman, 8404, 8425, 8427.

EOD-OPS-4010: Provide nuclear ordnance operations

SUPPORTED MET(S):
MCT 6.8 MCT 6.8.5

EVALUATION-CODED: YES **SUSTAINMENT INTERVAL:** 12 months

CONDITION: Given a nuclear incident or accident, mission, personnel, equipment, and references.

STANDARD: To mitigate hazards and reduce the threat of contamination.

EVENT COMPONENTS:
1. Conduct mission analysis.
2. Develop plan.
3. Task organize force.
4. Establish command and control.
5. Conduct site reconnaissance.
6. Monitor and survey environment.
7. Coordinate internal/external support, if applicable.
8. Safeguard classified components.
9. Perform actions upon direction from appropriate authority.
10. Submit reports.

REFERENCES:
1. AEODPS 60 Series Automated EOD Publication System
2. CFR 49 Code of Federal Regulations - Hazardous Materials
3. DODDIR 3150.8 DOD Response to Radiological Accidents
4. FM 3-11.4 Multiservice tactics, techniques, and procedures for nuclear, biological, and chemical (NBC) protection
5. FM 5-250 Explosives and Demolitions
6. JP 3-40 Countering Weapons of Mass Destruction
7. OP 2239 Motor Vehicle Driver's Handbook, Ammunition, Explosives and related Hazardous Materials
8. Presidential Memorandum Nov. 28, 2011 Managing Government Records

INTERNAL SUPPORTING EVENTS:
2305-ADMN-2003 2305-OPS-2001 2336-OPS-2201
EOD-CBRN-3002 EOD-OPS-3007

INTERNAL SUPPORTED EVENTS: EOD-C2-5001

SUPPORT REQUIREMENTS:

RANGE/TRAINING AREA:
Facility Code 17962 MOUT Collective Training Facility (Small)

EQUIPMENT: Family of EOD equipment. DSS-MFK, AN/PDX-2, EOD CBRNE Kit, SCBA, Bauer Air Compressor.

UNITS/PERSONNEL: Corpsman, 8404, 8425, 8427.

EOD-OPS-4011: Respond to an Aircraft Incident

SUPPORTED MET(S):
MCT 6.8 MCT 6.8.1 MCT 6.8.4
MCT 6.8.5

EVALUATION-CODED: YES **SUSTAINMENT INTERVAL:** 12 months

DESCRIPTION: Provide response capabilities to aircraft crashes, mishaps, and tactical recovery of aircraft and personnel.

CONDITION: Given an aircraft incident.

STANDARD: To mitigate explosive components and safely recover equipment, personnel, and / or classified material.

EVENT COMPONENTS:
1. Conduct mission analysis.
2. Develop Plan.
3. Execute Plan.
4. Destroy, Dispose, or Recover components as required.
5. Complete the required report.

REFERENCES:
1. AEODPS 60 Series Automated EOD Publication System
2. FM 3-04.513 Aircraft Recovery Operations
3. MCO 3571.2_ Explosive Ordnance Disposal (EOD) Program
4. MCWP 3-21.1 Aviation Ground Support

INTERNAL SUPPORTING EVENTS:
2305-ADMN-2003 2305-OPS-2001 2336-OPS-2201
EOD-OPS-3008

INTERNAL SUPPORTED EVENTS: EOD-C2-5001

SUPPORT REQUIREMENTS:

ORDNANCE:

DODIC	QUANTITY
G900 Grenade, Hand Incendiary Thermite AN	6 per Section
M131 Cap, Blasting Non-Electric M7	10 per Section
M456 Cord, Detonating PETN Type I Class E	500 FT per Section
M670 Fuse, Blasting Time M700	200 FT per Section
M757 Charge, Assembly Demolition M183 Com	2 per Section
MN08 Igniter, Time Blasting Fuse with Sho	10 per Section

RANGE/TRAINING AREA:
Facility Code 17410 Maneuver/Training Area, Light Forces
Facility Code 17963 MOUT Collective Training Facility (Large)

AIRCRAFT: Family of military aircraft.

EQUIPMENT: Family of EOD equipment.

UNITS/PERSONNEL: Corpsman, 8404, 8425, 8427.

3006. 3000-LEVEL EVENTS

EOD-CBRN-3001: Conduct Chemical/Biological Response

SUPPORTED MET(S):

MCT 6.8	MCT 6.8.1	MCT 6.8.2
MCT 6.8.3	MCT 6.8.4	

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL:** 12 months

CONDITION: Given an EOD response element, while in appropriate PPE, and utilizing EOD tools and equipment.

STANDARD: To mitigate the hazards.

EVENT COMPONENTS:

1. Coordinate with the on scene commander.
2. Gather all intelligence.
3. Plot downwind hazard area.
4. Set up a hot line or safe area.
5. Clear the downwind hazard area of all personnel.
6. Choose and don correct PPE.
7. Prepare RSP tools and equipment.
8. Gain entry and search for secondary devices.
9. Perform render safe procedure.
10. Conduct leak seal, packaging, mitigation techniques on CBRNE components.
11. Complete the reporting requirements.

REFERENCES:

1. Applicable Marine Corps Orders and Directives
2. AEODPS 60 Series Automated EOD Publication System
3. MCO 1510.101 Individual Training Standards System for Marine Corps Special Skills, Vol. II
4. MCO 8027.1 Interservice Responsibilities for Explosive Ordnance Disposal
5. MCRP 3-17.2 Multiservice Procedures for Explosive Ordnance Disposal (NTTP) in a Joint Environment
6. TM-10 Applicable Manuals

INTERNAL SUPPORTING EVENTS:

2336-OPS-2101	23XX-ADMN-2001	23XX-ADMN-2003
23XX-CBRN-2001	23XX-CBRN-2002	23XX-CBRN-2003
23XX-DEMO-2003	23XX-INTL-2001	23XX-INTL-2002
23XX-OPS-2001	23XX-OPS-2103	23XX-RSP-2002
23XX-RSP-2104	23XX-TOOL-2001	23XX-TOOL-2005
23XX-TOOL-2006	23XX-TOOL-2007	23XX-TOOL-2009

INTERNAL SUPPORTED EVENTS: EOD-CBRN-4001

SUPPORT REQUIREMENTS:

ORDNANCE:

DODIC	QUANTITY
K765 Riot Control Agent, CS	12 Per per Section

EQUIPMENT: Family of EOD equipment.

UNITS/PERSONNEL: Corpsman, 8404, 8425, 8427.

OTHER SUPPORT REQUIREMENTS: Simulates or training chemicals to represent chemical/biological agent that will test positive against EOD detection equipment.

EOD-CBRN-3002: Conduct emergency decontamination

SUPPORTED MET(S):
MCT 6.8 MCT 6.8.3 MCT 6.8.5

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL:** 12 months

DESCRIPTION: Emergency decontamination removes contamination from personnel quickly in order to save lives, minimize casualties, and limit the spread of contamination.

CONDITION: Given a contaminated environment, and personnel.

STANDARD: To immediately limit the spread of contamination from exposed personnel.

EVENT COMPONENTS:
1. Identify situation where contamination is present.
2. Identify personnel who are contaminated.
3. Identify Casualty Collection Point outside Hot Zone.
4. Process personnel.

REFERENCES:
1. AEODPS 60 Series Automated EOD Publication System
2. CFR 49 Code of Federal Regulations - Hazardous Materials
3. JP 3-11 Operations in Nuclear, Biological, Chemical, and Radiological (CBRN) Environments
4. MCO 3400.3_ CBRN Defense Training Requirements
5. MCRP 10-10D.2 MTTPS FOR EXPLOSIVE ORDNANCE DISPOSAL (EOD)
6. MCTP 10-10E MAGTF OPERATIONS IN A CBRN ENVIRONMENT

INTERNAL SUPPORTING EVENTS:

2336-OPS-2101	23XX-ADMN-2001	23XX-CBRN-2001
23XX-CBRN-2002	23XX-CBRN-2003	23XX-TOOL-2001
23XX-TOOL-2009		

INTERNAL SUPPORTED EVENTS:

EOD-CBRN-4001	EOD-OPS-4008	EOD-OPS-4010

SUPPORT REQUIREMENTS:

ORDNANCE:

DODIC	QUANTITY
K765 Riot Control Agent, CS	12 per Section

RANGE/TRAINING AREA:
Facility Code 17410 Maneuver/Training Area, Light Forces
Facility Code 17963 MOUT Collective Training Facility (Large)

EQUIPMENT: Family of EOD equipment.

UNITS/PERSONNEL: Corpsman, 8404, 8425, 8427.

OTHER SUPPORT REQUIREMENTS: Family of incident response systems and agent simulants.

EOD-DEMO-3001: Conduct disposal of explosive ordnance

SUPPORTED MET(S):

MCT 6.8	MCT 6.8.1	MCT 6.8.2
MCT 6.8.3	MCT 6.8.4	MCT 6.8.5

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL:** 12 months

DESCRIPTION: Provide the complete disposal of explosive ordnance items that pose a hazard to operations, installations, personnel and/or materiel.

CONDITION: Given demolitions material, EOD tools, and explosive ordnance.

STANDARD: To eliminate all ordnance.

EVENT COMPONENTS:
1. Select disposal site.
2. Select disposal method.
3. Determine demolition material requirements.
4. Calculate safe distance.
5. Prepare disposal materials.
6. Initiate firing train.
7. Verify complete disposal.
8. Submit report.

REFERENCES:
1. AEODPS 60 Series Automated EOD Publication System
2. CFR 49 Code of Federal Regulations - Hazardous Materials
3. MCO 3440.7_ DOMESTIC SUPPORT OPERATIONS
4. NAVSEA OP 5 Vol 1 Ammunition and Explosives/Ashore Safety Regulations of Handling, Storage, Production, Renovation and Shipping
5. NAVSEA SW060-AA-MMA-010 Demolition Materials

INTERNAL SUPPORTED EVENTS:

EOD-DEMO-4001	EOD-OPS-4002	EOD-OPS-4003

SUPPORT REQUIREMENTS:

ORDNANCE:

DODIC	QUANTITY
M023 Charge, Demolition Block M112 1-1/4	2 Per per Marine
M131 Cap, Blasting Non-Electric M7	10 Per per Marine
M456 Cord, Detonating PETN Type I Class E	100 FT per Marine
M670 Fuse, Blasting Time M700	100 FT per Marine
M757 Charge, Assembly Demolition M183 Com	1 Per per Marine
M980 Charge, Demolition Sheet 0.0831 Inch	2 FT per Marine

M981 Charge, Demolition Sheet 0.125 Inch	2 FT per Marine
M982 Charge, Demolition Sheet 0.166 Inch	2 FT per Marine
M986- Charge, Demolition Sheet 0.333 Inch	2 FT per Marine
MN08 Igniter, Time Blasting Fuse with Sho	10 Per per Marine

RANGE/TRAINING AREA:
Facility Code 17830 Light Demolition Range

EQUIPMENT: Family of EOD equipment.

UNITS/PERSONNEL: Corpsman, 8404, 8425, 8427.

EOD-INTL-3001: Conduct Post Blast Analysis

SUPPORTED MET(S):

MCT 6.8	MCT 6.8.1	MCT 6.8.2
MCT 6.8.3	MCT 6.8.4	MCT 6.8.5

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL:** 12 months

CONDITION: Given an impact crater or detonation site, fragmentation and/or components, required EOD references, tools and equipment.

STANDARD: To identify ordnance type/explosive device type, Net Explosive Weight, components, possible initiation.

EVENT COMPONENTS:
1. Ensure the area is secure.
2. Search for secondary devices.
3. Gather fragmentation and forensic evidence.
4. Measure the crater or detonation site.
5. Research fragmentation to accurately identify Unexploded Ordnance type/explosive device type, Net Explosive Weight, components, and possible initiation.
6. Plot the back azimuth through the maximum range of the weapons system.
7. Complete the report.

REFERENCES:
1. AEODPS 60 Series Automated EOD Publication System
2. MCO 8027.1 Interservice Responsibilities for Explosive Ordnance Disposal
3. MCRP 3-17.2 Multiservice Procedures for Explosive Ordnance Disposal (NTTP) in a Joint Environment

INTERNAL SUPPORTING EVENTS:

2336-OPS-2101	23XX-ADMN-2001	23XX-IED-2101
23XX-INTL-2001	23XX-INTL-2002	23XX-INTL-2101
23XX-RSP-2104	23XX-TOOL-2005	23XX-TOOL-2007

INTERNAL SUPPORTED EVENTS: EOD-INTL-4001

SUPPORT REQUIREMENTS:

RANGE/TRAINING AREA:
Facility Code 17430 Impact Area Dudded
Facility Code 17820 Engineer Qualification Range, Non-Standardized

Facility Code 17830 Light Demolition Range
Facility Code 17937 Aerial Bombing Range

EQUIPMENT: Family of EOD equipment.

MATERIAL: Purchase miscellaneous electronic components and containers to replicate various IEDs in CONUS and OCONUS found.

UNITS/PERSONNEL: Corpsman, 8404, 8425, 8427.

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: Ordnance requirement covered by event 23XX-INTL-2101: Perform post-blast analysis.

EOD-MED-3001: Conduct Tactical Combat Casualty Care

SUPPORTED MET(S):

MCT 6.8	MCT 6.8.1	MCT 6.8.2
MCT 6.8.3	MCT 6.8.4	MCT 6.8.5

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL:** 24 months

CONDITION: Given a requirement.

STANDARD: To mitigate the loss of life.

EVENT COMPONENTS:
1. Perform Individual First Aid Kit inventory.
2. Perform care under fire (CUF), when required.
3. Perform tactical field care, when required.
4. Conduct evacuation of personnel.

REFERENCES: Prehospital Trauma Life Support (PHTLS). National Association of Emergency Medical Technicians: current edition.

INTERNAL SUPPORTING EVENTS:

23XX-MED-2001	23XX-MED-2002

SUPPORT REQUIREMENTS:

MATERIAL: Corpsman Assault Pack.

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: Live tissue training is needed in order to train this task to standard.

EOD-OPS-3001: Conduct Sensitive Site Exploitation

SUPPORTED MET(S):

MCT 6.8	MCT 6.8.1	MCT 6.8.2
MCT 6.8.3	MCT 6.8.4	MCT 6.8.5

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL:** 12 months

CONDITION: Given a site, intelligence data, and equipment.

STANDARD: To exploit documents, equipment, personnel and weapons related explosive or hazardous components.

EVENT COMPONENTS:
1. Conduct mission analysis.
2. Develop a comprehensive plan.
3. Identify target/hazards.
4. Collect on-site material.
5. Process scene.
6. Document findings.
7. Report as required.

REFERENCES:
1. AEODPS 60 Series Automated EOD Publication System
2. ATP 3-90.15 Site Exploitation
3. CFR 49 Code of Federal Regulations - Hazardous Materials
4. FM 3-11.4 Multiservice tactics, techniques, and procedures for nuclear, biological, and chemical (NBC) protection
5. MCO 8027.1 Interservice Responsibilities for Explosive Ordnance Disposal
6. MCRP 10-10D.2 MTTPS FOR EXPLOSIVE ORDNANCE DISPOSAL (EOD)
7. MCRP 10-10E.1 MTTP for CBRN Aspects of Command and Control
8. MCRP 3-17.2 Multiservice Procedures for Explosive Ordnance Disposal (NTTP) in a Joint Environment
9. MCRP 3-34.2 Explosives and Demolitions
10. MCTP 10-10D MAGTF Explosive Ordnance Disposal
11. OP 2239 Motor Vehicle Driver's Handbook, Ammunition, Explosives and related Hazardous Materials

INTERNAL SUPPORTING EVENTS:

2336-OPS-2101	23XX-ADMN-2001	23XX-IED-2101
23XX-INTL-2001	23XX-INTL-2002	23XX-INTL-2102
23XX-OPS-2001	23XX-OPS-2103	23XX-RSP-2104
23XX-TOOL-2005	23XX-TOOL-2007	23XX-TOOL-2101

INTERNAL SUPPORTED EVENTS:

EOD-OPS-4002	EOD-OPS-4004

SUPPORT REQUIREMENTS:

RANGE/TRAINING AREA:
Facility Code 17962 MOUT Collective Training Facility (Small)

EQUIPMENT: Family of EOD equipment.

UNITS/PERSONNEL: Corpsman, 8404, 8425, 8427.

EOD-OPS-3002: Conduct unexploded explosive ordnance (UXO) response operations

SUPPORTED MET(S):

MCT 6.8	MCT 6.8.1	MCT 6.8.3

MCT 6.8.4

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL:** 12 months

CONDITION: Given unexploded ordnance a mission, personnel, equipment, and references.

STANDARD: To mitigate threats/hazards to personnel, installations, and equipment.

EVENT COMPONENTS:
1. Conduct mission analysis.
2. Develop plan.
3. Task organize force.
4. Coordinate with on scene commander.
5. Coordinate internal/external support, if applicable.
6. Ensure scene is secure.
7. Conduct actions on objectives.
8. Mitigate collateral damage.
9. Submit reports.

REFERENCES:
1. AEODPS 60 Series Automated EOD Publication System
2. CFR 49 Code of Federal Regulations - Hazardous Materials
3. DODDIR 3150.5 DOD Response to Improvised Nuclear Device (IND) Incidents
4. DODDIR 3150.8 DOD Response to Radiological Accidents
5. FM 3-11.4 Multiservice tactics, techniques, and procedures for nuclear, biological, and chemical (NBC) protection
6. FM 5-25 Explosives and Demolitions
7. JP 3-40 Countering Weapons of Mass Destruction
8. MCTP 10-10D MAGTF Explosive Ordnance Disposal
9. OP 2239 Motor Vehicle Driver's Handbook, Ammunition, Explosives and related Hazardous Materials

INTERNAL SUPPORTING EVENTS:

2336-OPS-2101	23XX-ADMN-2001	23XX-ADMN-2003
23XX-ADMN-2101	23XX-DEMO-2001	23XX-DEMO-2002
23XX-DEMO-2003	23XX-DEMO-2004	23XX-DEMO-2005
23XX-DEMO-2006	23XX-DEMO-2007	23XX-DEMO-2008
23XX-INTL-2001	23XX-INTL-2002	23XX-OPS-2001
23XX-OPS-2101	23XX-RSP-2001	23XX-RSP-2002
23XX-RSP-2102	23XX-RSP-2105	23XX-TOOL-2002
23XX-TOOL-2003	23XX-TOOL-2004	23XX-TOOL-2005
23XX-TOOL-2006	23XX-TOOL-2007	23XX-TOOL-2008

INTERNAL SUPPORTED EVENTS:

EOD-OPS-4003	EOD-OPS-4005

SUPPORT REQUIREMENTS:

RANGE/TRAINING AREA:
Facility Code 17830 Light Demolition Range
Facility Code 17962 MOUT Collective Training Facility (Small)

EQUIPMENT: Family of EOD equipment.

UNITS/PERSONNEL: Corpsman, 8404, 8425, 8427.

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: Ordnance requirement covered by EOD-OPS-4005: Conduct unexploded ordnance (UXO) response

---

EOD-OPS-3003: Conduct full spectrum EOD response

SUPPORTED MET(S):

MCT 6.8	MCT 6.8.1	MCT 6.8.2
MCT 6.8.3	MCT 6.8.4	MCT 6.8.5
MCT 6.8.6		

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL:** 12 months

CONDITION: Given a mission, personnel, equipment, and references.

STANDARD: To locate, access, identify, render safe, neutralize, exploit/analyze and dispose of hazards and components from foreign and domestic, UXO, conventional ordnance, IED, AEH, and Chemical Biological Radiological Nuclear and High-Yield Explosive (CBRNE) to include WMD, that present a threat to operations, installations, personnel or materiel.

EVENT COMPONENTS:

1. Determine time available.
2. Conduct Problem Framing.
3. Determine planning process (MCPP, R2P2, Hasty Planning, or other method).
4. Establish timeline for planning and preparation.
5. Issue Warning Order.
6. Create orders (OPORD, FRAGO, Decision Support Tools, etc.).
7. Issue orders.
8. Conduct actions.
9. Implement feedback mechanisms.
10. Coordinate planning with higher, adjacent, subordinate, and supporting units.

REFERENCES:

1. AEODPS 60 Series Automated EOD Publication System
2. CFR 49 Code of Federal Regulations - Hazardous Materials
3. DODDIR 3150.5 DOD Response to Improvised Nuclear Device (IND) Incidents
4. DODDIR 3150.8 DOD Response to Radiological Accidents
5. FM 3-11.4 Multiservice tactics, techniques, and procedures for nuclear, biological, and chemical (NBC) protection
6. FM 5-25 Explosives and Demolitions
7. JP 3-40 Countering Weapons of Mass Destruction
8. MCTP 10-10D MAGTF Explosive Ordnance Disposal
9. OP 2239 Motor Vehicle Driver's Handbook, Ammunition, Explosives and related Hazardous Materials

INTERNAL SUPPORTING EVENTS:

2336-ADMN-2101	2336-OPS-2101	2336-TRNG-2101
23XX-ADMN-2001	23XX-ADMN-2003	23XX-ADMN-2101
23XX-ADMN-2102	23XX-CBRN-2002	23XX-CBRN-2003

23XX-PARA-2101 23XX-PARA-2102

INTERNAL SUPPORTED EVENTS: EOD-OPS-4006

SUPPORT REQUIREMENTS:

RANGE/TRAINING AREA:
Facility Code 17830 Light Demolition Range
Facility Code 17962 MOUT Collective Training Facility (Small)

EQUIPMENT: Family of EOD equipment.

UNITS/PERSONNEL: Corpsman, 8404, 8425, 8427.

EOD-OPS-3004: Conduct IED response

SUPPORTED MET(S):
MCT 6.8 MCT 6.8.2

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL:** 12 months

CONDITION: Given an IED threat.

STANDARD: To mitigate all explosive hazards.

EVENT COMPONENTS:
1. Conduct mission analysis.
2. Develop plan.
3. Task organize force.
4. Establish command and control.
5. Coordinate internal/external support, if applicable.
6. Conduct actions.
7. Mitigate situation.
8. Submit reports.

REFERENCES:
1. AEODPS 60 Series Automated EOD Publication System
2. CFR 49 Code of Federal Regulations - Hazardous Materials
3. DODDIR 3150.5 DOD Response to Improvised Nuclear Device (IND) Incidents
4. DODDIR 3150.8 DOD Response to Radiological Accidents
5. FM 3-11.4 Multiservice tactics, techniques, and procedures for nuclear, biological, and chemical (NBC) protection
6. FM 5-25 Explosives and Demolitions
7. FM 5-250 Explosives and Demolitions
8. JP 3-40 Countering Weapons of Mass Destruction
9. MCTP 10-10D MAGTF Explosive Ordnance Disposal
10. OP 2239 Motor Vehicle Driver's Handbook, Ammunition, Explosives and related Hazardous Materials

INTERNAL SUPPORTING EVENTS:

2336-OPS-2101	23XX-ADMN-2001	23XX-ADMN-2003
23XX-DEMO-2001	23XX-DEMO-2002	23XX-DEMO-2003
23XX-DEMO-2004	23XX-DEMO-2006	23XX-DEMO-2101
23XX-IED-2001	23XX-IED-2101	23XX-INTL-2001
23XX-INTL-2002	23XX-OPS-2001	23XX-OPS-2102

23XX-OPS-2103	23XX-RSP-2102	23XX-RSP-2104
23XX-RSP-2105	23XX-RSP-2106	23XX-TOOL-2002
23XX-TOOL-2004	23XX-TOOL-2005	23XX-TOOL-2006
23XX-TOOL-2007	23XX-TOOL-2009	23XX-TOOL-2101

INTERNAL SUPPORTED EVENTS:
EOD-OPS-4003 EOD-OPS-4007

SUPPORT REQUIREMENTS:

RANGE/TRAINING AREA:
Facility Code 17830 Light Demolition Range
Facility Code 17962 MOUT Collective Training Facility (Small)

EQUIPMENT: Family of EOD equipment.

UNITS/PERSONNEL: Corpsman, 8404, 8425, 8427.

EOD-OPS-3005: Conduct WMD response

SUPPORTED MET(S):
MCT 6.8 MCT 6.8.3

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL:** 12 months

CONDITION: Given a WMD threat.

STANDARD: To mitigate all explosive components and operations are conducted in a safe manner.

EVENT COMPONENTS:
1. Conduct mission analysis.
2. Develop plan.
3. Task organize force.
4. Establish command and control.
5. Conduct site exploitation.
6. Monitor and survey environment.
7. Coordinate internal/external support, if applicable.
8. Mitigate situation.
9. Submit reports.

REFERENCES:
1. AEODPS 60 Series Automated EOD Publication System
2. CFR 49 Code of Federal Regulations - Hazardous Materials
3. DODDIR 3150.5 DOD Response to Improvised Nuclear Device (IND) Incidents
4. DODDIR 3150.8 DOD Response to Radiological Accidents
5. FM 3-11.4 Multiservice tactics, techniques, and procedures for nuclear, biological, and chemical (NBC) protection
6. FM 5-25 Explosives and Demolitions
7. JP 3-40 Countering Weapons of Mass Destruction
8. MCTP 10-10D MAGTF Explosive Ordnance Disposal
9. OP 2239 Motor Vehicle Driver's Handbook, Ammunition, Explosives and related Hazardous Materials

INTERNAL SUPPORTING EVENTS:

2336-OPS-2101	23XX-ADMN-2001	23XX-ADMN-2003
23XX-CBRN-2003	23XX-DEMO-2001	23XX-INTL-2001
23XX-INTL-2002	23XX-OPS-2101	23XX-TOOL-2001
23XX-TOOL-2005	23XX-TOOL-2006	23XX-TOOL-2007

INTERNAL SUPPORTED EVENTS: EOD-OPS-4008

SUPPORT REQUIREMENTS:

RANGE/TRAINING AREA:
Facility Code 17830 Light Demolition Range
Facility Code 17962 MOUT Collective Training Facility (Small)

EQUIPMENT: Family of EOD equipment.

UNITS/PERSONNEL: Corpsman, 8404, 8425, 8427.

EOD-OPS-3006: Conduct conventional explosive ordnance response

SUPPORTED MET(S):
MCT 6.8 MCT 6.8.4

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL:** 12 months

CONDITION: Given a mission, personnel, equipment, and references.

STANDARD: To mitigate hazards of explosive ordnance and weapon systems.

EVENT COMPONENTS:
1. Conduct mission analysis.
2. Develop plan.
3. Task organize force.
4. Establish command and control.
5. Coordinate internal/external support, if applicable.
6. Conduct actions.
7. Mitigate situation.
8. Submit reports.

REFERENCES:
1. AEODPS 60 Series Automated EOD Publication System
2. CFR 49 Code of Federal Regulations - Hazardous Materials
3. DODDIR 3150.5 DOD Response to Improvised Nuclear Device (IND) Incidents
4. DODDIR 3150.8 DOD Response to Radiological Accidents
5. FM 3-11.4 Multiservice tactics, techniques, and procedures for nuclear, biological, and chemical (NBC) protection
6. FM 5-25 Explosives and Demolitions
7. FM 5-250 Explosives and Demolitions
8. JP 3-40 Countering Weapons of Mass Destruction
9. MCTP 10-10D MAGTF Explosive Ordnance Disposal
10. OP 2239 Motor Vehicle Driver's Handbook, Ammunition, Explosives and related Hazardous Materials

INTERNAL SUPPORTING EVENTS:

2336-OPS-2101	23XX-ADMN-2001	23XX-ADMN-2003
23XX-ADMN-2101	23XX-DEMO-2001	23XX-DEMO-2002

23XX-DEMO-2003	23XX-DEMO-2004	23XX-DEMO-2005
23XX-DEMO-2006	23XX-DEMO-2007	23XX-DEMO-2008
23XX-INTL-2001	23XX-INTL-2002	23XX-OPS-2001
23XX-OPS-2101	23XX-OPS-2103	23XX-RSP-2101
23XX-RSP-2102	23XX-RSP-2103	23XX-TOOL-2002
23XX-TOOL-2003	23XX-TOOL-2004	23XX-TOOL-2007
23XX-TOOL-2008		

INTERNAL SUPPORTED EVENTS:
EOD-OPS-4003 EOD-OPS-4009

SUPPORT REQUIREMENTS:

RANGE/TRAINING AREA:
Facility Code 17830 Light Demolition Range
Facility Code 17962 MOUT Collective Training Facility (Small)

EQUIPMENT: Family of EOD equipment.

UNITS/PERSONNEL: Corpsman, 8404, 8425, 8427.

EOD-OPS-3007: Provide nuclear ordnance response

SUPPORTED MET(S):
MCT 6.8 MCT 6.8.5

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL:** 12 months

CONDITION: Given a nuclear incident or accident, mission, personnel, equipment, and references.

STANDARD: To mitigate hazards and reduce the threat of contamination.

EVENT COMPONENTS:
1. Conduct mission analysis.
2. Develop plan.
3. Task organize force.
4. Establish command and control.
5. Conduct site reconnaissance.
6. Monitor and survey environment.
7. Coordinate internal/external support, if applicable.
8. Safeguard classified components.
9. Perform actions upon direction from appropriate authority.
10. Submit reports.

REFERENCES:
1. AEODPS 60 Series Automated EOD Publication System
2. CFR 49 Code of Federal Regulations - Hazardous Materials
3. DODDIR 3150.5 DOD Response to Improvised Nuclear Device (IND) Incidents
4. DODDIR 3150.8 DOD Response to Radiological Accidents
5. FM 3-11.4 Multiservice tactics, techniques, and procedures for nuclear, biological, and chemical (NBC) protection
6. FM 5-25 Explosives and Demolitions
7. JP 3-40 Countering Weapons of Mass Destruction
8. MCTP 10-10D MAGTF Explosive Ordnance Disposal

9. OP 2239 Motor Vehicle Driver's Handbook, Ammunition, Explosives and related Hazardous Materials

INTERNAL SUPPORTING EVENTS:

2336-OPS-2101	23XX-ADMN-2001	23XX-CBRN-2002
23XX-INTL-2001	23XX-INTL-2002	23XX-TOOL-2001
23XX-TOOL-2005	23XX-TOOL-2009	

INTERNAL SUPPORTED EVENTS: EOD-OPS-4010

SUPPORT REQUIREMENTS:

RANGE/TRAINING AREA:
Facility Code 17830 Light Demolition Range
Facility Code 17962 MOUT Collective Training Facility (Small)

EQUIPMENT: Family of EOD equipment: DSS-MFK, AN/PDX-2, EOD CBRNE Kit, SCBA, Bauer Air Compressor.

UNITS/PERSONNEL: Corpsman, 8404, 8425, 8427.

EOD-OPS-3008: Respond to an Aircraft Incident

SUPPORTED MET(S):

MCT 6.8	MCT 6.8.1	MCT 6.8.4
MCT 6.8.5		

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL:** 12 months

DESCRIPTION: Provide response capabilities to aircraft crashes, mishaps, and tactical recovery of aircraft and personnel.

CONDITION: Given an aircraft incident.

STANDARD: To mitigate explosive components and safely recover equipment, personnel, and/or classified material.

EVENT COMPONENTS:
1. Conduct mission analysis.
2. Develop Plan.
3. Execute Plan.
4. Destroy, Dispose, or Recover components as required.
5. Complete the required report.

REFERENCES:
1. AEODPS 60 Series Automated EOD Publication System
2. FM 3-04.513 Aircraft Recovery Operations
3. MCO 3571.2_ Explosive Ordnance Disposal (EOD) Program
4. MCWP 3-21.1 Aviation Ground Support

INTERNAL SUPPORTING EVENTS:

2336-OPS-2101	23XX-ADMN-2001	23XX-ADMN-2003
23XX-ADMN-2101	23XX-DEMO-2001	23XX-DEMO-2002
23XX-DEMO-2003	23XX-DEMO-2004	23XX-DEMO-2005
23XX-DEMO-2006	23XX-INTL-2001	23XX-INTL-2002

23XX-OPS-2001	23XX-OPS-2101	23XX-RSP-2001
23XX-RSP-2003	23XX-RSP-2101	23XX-TOOL-2001
23XX-TOOL-2002	23XX-TOOL-2004	23XX-TOOL-2005
23XX-TOOL-2007		

INTERNAL SUPPORTED EVENTS: EOD-OPS-4011

SUPPORT REQUIREMENTS:

RANGE/TRAINING AREA:
Facility Code 17410 Maneuver/Training Area, Light Forces
Facility Code 17963 MOUT Collective Training Facility (Large)

AIRCRAFT: Family of military aircraft.

EQUIPMENT: Family of EOD equipment.

UNITS/PERSONNEL: Corpsman, 8404, 8425, 8427.

EOD TRAINING AND READINESS MANUAL

CHAPTER 4

EOD COMMON EVENTS

EOD TRAINING AND READINESS MANUAL

CHAPTER 4

EOD COMMON EVENTS

4000. PURPOSE. This chapter details the common individual events that pertain to both officer and enlisted Marines within the EOD community. Each individual event provides an event title, along with the conditions events will be performed under, and the standard to which the event must be performed to be successful.

4001. EVENT CODING

Events in this T&R Manual are depicted with an up to 12-character, 3-field alphanumeric system, i.e. XXXX-XXXX-XXXX. This chapter utilizes the following methodology:

a. Field one. This field represents the community and/or military occupational specialty code. This chapter contains the following codes:

Code	Description
23XX	Common Individual Events

b. Field two. This field represents the functional/duty area. This chapter contains the following functional/duty areas:

Code	Description
ADMN	Administrative
C2	Command and Control
CBRN	Chemical, Biological, Radiological, Nuclear
DEMO	Demolition
IED	Improvised Explosive Device
INTL	Intelligence
MED	Medical
OPS	Operations
RSP	Render Safe Procedures
TOOL	Tool

c. Field three. This field provides the level at which the event is accomplished and numerical sequencing of events. This chapter contains the following event levels:

Code	Description
2000	Core Skills
2100	Core Plus Skills

4002. INDEX OF EVENTS

Event Code	**Event**
2000 Level Events	
23XX-ADMN-2001	Employ the automated explosive ordnance disposal

	publications system (60 Series)
23XX-ADMN-2002	Select disposal site
23XX-ADMN-2003	Calculate fragmentation and blast distances
23XX-ADMN-2101	Apply the military munitions rule
23XX-ADMN-2102	Provide EOD support to the Marine Corps Planning Process (MCPP)
23XX-C2-2101	Manage command post
23XX-CBRN-2001	Operate in a chemical/biological environment
23XX-CBRN-2002	Conduct nuclear ordnance operations
23XX-CBRN-2003	Conduct WMD operations
23XX-CBRN-2004	Perform Leak, Seal, and Package
23XX-DEMO-2001	Initiate a non-electric firing system
23XX-DEMO-2002	Initiate an electric firing system
23XX-DEMO-2003	Employ incendiary devices
23XX-DEMO-2004	Employ a detonating cord system
23XX-DEMO-2005	Employ shaped charges
23XX-DEMO-2006	Dispose of explosives by burning
23XX-DEMO-2007	Conduct propellant burn
23XX-DEMO-2008	Dispose of explosive ordnance by detonation
23XX-DEMO-2101	Employ improvised disruption charges
23XX-DEMO-2102	Employ commercial and/or foreign military explosives
23XX-DEMO-2103	Conduct rocket motor static fire
23XX-IED-2001	Conduct render safe procedure on Improvised Explosive Device (IED)
23XX-IED-2101	Employ electronic counter measures
23XX-INTL-2001	Conduct reconnaissance on explosive ordnance
23XX-INTL-2002	Conduct a search for explosive threat
23XX-INTL-2101	Perform a post-blast analysis
23XX-INTL-2102	Conduct explosive ordnance exploitation
23XX-MED-2001	Perform Tactical Field Care (TFC)
23XX-MED-2002	Perform Care Under Fire (CUF)
23XX-OPS-2001	Employ hook and line techniques
23XX-OPS-2101	Employ advanced access/disablement techniques
23XX-OPS-2102	Operate in confined spaces
23XX-OPS-2103	Employ protective works
23XX-PARA-2101	Conduct a low level static line jump
23XX-PARA-2102	Conduct airborne operations in a double bag static-line configuration
23XX-RSP-2001	Employ Tape and Line Techniques
23XX-RSP-2002	Conduct Render Safe Procedure (RSP) on Unexploded Explosive Ordnance (UXO)
23XX-RSP-2003	Conduct Render Safe Procedure (RSP) on aircraft explosive hazards
23XX-RSP-2101	Remove lodged projectile
23XX-RSP-2102	Perform low order techniques
23XX-RSP-2103	Download explosive ordnance
23XX-RSP-2104	Conduct EOD procedures on homemade energetic materials
23XX-RSP-2105	Conduct standoff munitions disruption
23XX-RSP-2106	Employ volumetric charges
23XX-TOOL-2001	Employ the Self-Contained Breathing Apparatus (SCBA)
23XX-TOOL-2002	Employ remote firing device
23XX-TOOL-2003	Employ a remote wrench
23XX-TOOL-2004	Locate buried ordnance
23XX-TOOL-2005	Employ robotics

23XX-TOOL-2006	Employ EOD disruption tools
23XX-TOOL-2007	Employ radiographic tools
23XX-TOOL-2008	Employ the EOD MK 36 non magnetic tool set
23XX-TOOL-2009	Detect a Radiological Source
23XX-TOOL-2101	Conduct vehicle entry techniques

4003. CORE SKILLS

23XX-ADMN-2001: Employ the automated explosive ordnance disposal publications system (60 Series)

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL:** 12 months

MOS PERFORMING: 2305, 2336

GRADES: SGT, SSGT, GYSGT, MSGT, MGYSGT, WO-1, CWO-2, CWO-3, CWO-4, CWO-5, CAPT, MAJ, LTCOL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given an operational requirement.

STANDARD: To identify the correct publication.

PERFORMANCE STEPS:
1. Input information.
2. Decipher results.
3. Select publication.

REFERENCES: DSS User's Guide

SUPPORT REQUIREMENTS:

EQUIPMENT: Family of EOD equipment.

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: Must have full time access to SIRPNET access to JEOD website, and access to the intelink EOD website.. The individual EOD Technician should be tasked with loading, updating and inventorying AEODPS..

23XX-ADMN-2002: Select disposal site

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL:** 12 months

MOS PERFORMING: 2305, 2336

GRADES: SGT, SSGT, GYSGT, MSGT, MGYSGT, WO-1, CWO-2, CWO-3, CWO-4, CWO-5, CAPT, MAJ, LTCOL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given an environment with restraints.

STANDARD: To allow for appropriate disposal.

PERFORMANCE STEPS:
1. Calculate safe distance.
2. Ensure the location is clear of vegetation to a minimum of 300 feet.
3. Determine wind direction and speed, when required.
4. Establish air clearance, when required.
5. Determine location of natural barriers, when required.
6. Determine protective barriers or distance requirements, when required.
7. Plot the disposal area selected on a map.

REFERENCES:
1. Applicable Marine Corps Orders and Directives
2. AEODPS 60 Series Automated EOD Publication System
3. MCO 3571.2_ Explosive Ordnance Disposal (EOD) Program
4. MCRP 3-17.2 Multiservice Procedures for Explosive Ordnance Disposal (NTTP) in a Joint Environment
5. NAVSEA OP 5 Vol 1 Ammunition and Explosives/Ashore Safety Regulations of Handling, Storage, Production, Renovation and Shipping

SUPPORT REQUIREMENTS:

RANGE/TRAINING AREA:
Facility Code 17830 Light Demolition Range

EQUIPMENT: Family of EOD equipment.

UNITS/PERSONNEL: Corpsman 8404, 8425, 8427.

23XX-ADMN-2003: Calculate fragmentation and blast distances

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL**: 12 months

MOS PERFORMING: 2305, 2336

GRADES: SGT, SSGT, GYSGT, MSGT, MGYSGT, WO-1, CWO-2, CWO-3, CWO-4, CWO-5, CAPT, MAJ, LTCOL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a net explosive weight and fragmentation thickness.

STANDARD: To determine the minimum safe distance from fragmentation and blast damage.

PERFORMANCE STEPS:
1. Identify components.
2. Determine the relative equivalent factor (REF).
3. Determine K factor.
4. Determine safe area/distance.

REFERENCES: AEODPS 60 Series Automated EOD Publication System

SUPPORT REQUIREMENTS:

EQUIPMENT: Family of EOD equipment.

23XX-CBRN-2001: Operate in a chemical/biological environment

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL:** 12 months

DESCRIPTION: This event pertains to state sponsored weapons, chemical/biological laboratories, and Improvised Explosive Device (IED) with Toxic Industrial Chemical (TIC) or Toxic Industrial Material (TIM).

MOS PERFORMING: 2305, 2336

GRADES: SGT, SSGT, GYSGT, MSGT, MGYSGT, WO-1, CWO-2, CWO-3, CWO-4, CWO-5, CAPT, MAJ, LTCOL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a requirement, equipment, and references.

STANDARD: To identify and mitigate contamination hazards.

PERFORMANCE STEPS:
1. Conduct preventative maintenance checks and services.
2. Gather intelligence.
3. Don Chemical Protective Clothing.
4. Establish Emergency Personnel Decontamination Site.
5. Conduct monitoring.
6. Conduct reconnaissance.
7. Calculate Downwind Hazard Area.
8. Conduct EOD procedures.
9. Conduct follow on procedures, when required.
10. Conduct reporting.

REFERENCES:
1. AEODPS 60 Series Automated EOD Publication System
2. DODDIR 3150.8 DOD Response to Radiological Accidents
3. MCO 3400.2_ Chemical, Biological, Radiological, and Nuclear Defense Training Requirements
4. MCO 3571.2_ Explosive Ordnance Disposal (EOD) Program
5. MCWP 3-37 MAGTF Nuclear, Biological, and Chemical Defense Operations
6. NRP National Response Plan

SUPPORT REQUIREMENTS:

ORDNANCE:

DODIC	QUANTITY
K765 Riot Control Agent, CS	1 Per per Marine

EQUIPMENT: Family of EOD equipment and Family of incident response systems.

UNITS/PERSONNEL: Corpsman, 8404, 8425, 8427.

OTHER SUPPORT REQUIREMENTS: Full time access to SIPRNET.

23XX-CBRN-2002: Conduct nuclear ordnance operations

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL:** 12 months

MOS PERFORMING: 2305, 2336

GRADES: SGT, SSGT, GYSGT, MSGT, MGYSGT, WO-1, CWO-2, CWO-3, CWO-4, CWO-5, CAPT, MAJ, LTCOL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a state sponsored weapon.

STANDARD: To identify components and mitigate the threat.

PERFORMANCE STEPS:
1. Gather intelligence.
2. Establish hotline.
3. Conduct monitoring.
4. Conduct reconnaissance.
5. Calculate Downwind Hazard Area.
6. Conduct EOD procedures.
7. Conduct Leak, Seal, and Packaging Procedures on material.
8. Conduct follow on procedures, when required.
9. Conduct reporting.

REFERENCES:
1. AEODPS 60 Series Automated EOD Publication System
2. CFR 49 Code of Federal Regulations - Hazardous Materials
3. DOD 3150.8-M Nuclear Weapon Accident Response Procedures (NARP)
4. MCO 3400.2_ Chemical, Biological, Radiological, and Nuclear Defense Training Requirements
5. MCO 3571.2_ Explosive Ordnance Disposal (EOD) Program
6. MCRP 10-10E.6 MTTP for CBRN Consequence Management Operations
7. NRP National Response Plan

SUPPORT REQUIREMENTS:

EQUIPMENT: Family of EOD equipment.

OTHER SUPPORT REQUIREMENTS: Full time access to SIPRNET.

23XX-CBRN-2003: Conduct WMD operations

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL:** 12 months

DESCRIPTION: This event includes Improvised Nuclear Device (IND), Radiological Dispersal Device (RDD), orphan sources, chemical, biological, Toxic Industrial Chemical (TIC) or Toxic Industrial Material (TIM) with the consequence of mass casualty events.

MOS PERFORMING: 2305, 2336

GRADES: SGT, SSGT, GYSGT, MSGT, MGYSGT, WO-1, CWO-2, CWO-3, CWO-4, CWO-5, CAPT, MAJ, LTCOL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a WMD threat.

STANDARD: To identify components and mitigate the threat.

PERFORMANCE STEPS:
1. Conduct mission analysis.
2. Conduct monitoring.
3. Detect radiological source.
4. Locate radiological source.
5. Conduct Department of Energy triage report.
6. Confirm or deny the presence of TICs and TIMs.
7. Conduct follow-on procedures, as dictated by competent authority.
8. Submit reports.

REFERENCES:
1. AEODPS 60 Series Automated EOD Publication System
2. CFR 49 Code of Federal Regulations - Hazardous Materials
3. DODDIR 3150.8 DOD Response to Radiological Accidents
4. MCO 3400.2_ Chemical, Biological, Radiological, and Nuclear Defense Training Requirements
5. MCO 3571.2_ Explosive Ordnance Disposal (EOD) Program
6. MCRP 10-10E.6 MTTP for CBRN Consequence Management Operations
7. MCWP 3-37 MAGTF Nuclear, Biological, and Chemical Defense Operations

SUPPORT REQUIREMENTS:

EQUIPMENT: Family of EOD equipment.

OTHER SUPPORT REQUIREMENTS: Full time access to SIPRNET, communication equipment to send Triage report OCONUS/CONUS.

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: In order to ensure training is realistic the unit should coordinate with the DOE National Lab, Local Hazmat Team, or other unit who can provide a radioactive isotope with sufficient strength to have the detection equipment used by EOD act accordingly.

23XX-CBRN-2004: Perform Leak, Seal, and Package

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL:** 12 months

DESCRIPTION: This event pertains to explosive ordnance that tests positive for chemicals or substances that are deemed inhalation or absorption hazards to personnel.

MOS PERFORMING: 2305, 2336

GRADES: SGT, SSGT, GYSGT, MSGT, MGYSGT, WO-1, CWO-2, CWO-3, CWO-4, CWO-5, CAPT, MAJ, LTCOL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a contaminated item.

STANDARD: To prevent the spread of contamination.

PERFORMANCE STEPS:
1. Confirm presence of contamination via detection equipment.
2. Soak and scrub item, as required.
3. Detect location of leak.
4. Seal the leak.
5. Bag item.
6. Conduct monitoring after determined wait time.
7. Confirm leak is adequately sealed.
8. Package item with additional materials.
9. Monitor to confirm packaging is sufficient.
10. Prepare for shipment or disposal.
11. Seek deposition.

REFERENCES:
1. MCRP 10-10D.1 Multi-Service Tactics, Techniques, and Procedures for Explosive Ordnance
2. MCRP 10-10D.2 MTTPS FOR EXPLOSIVE ORDNANCE DISPOSAL (EOD)
3. MCTP 10-10C MAGTF Counter-Improvised Explosive Device Operations
4. MCTP 10-10D MAGTF Explosive Ordnance Disposal
5. MCTP 10-10F.1 Multi-Service Tactics, Techniques, and Procedures (MTTP) For Tactical Employment of Biometrics in Support of Operations

---

23XX-DEMO-2001: Initiate a non-electric firing system

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL:** 12 months

MOS PERFORMING: 2305, 2336

GRADES: SGT, SSGT, GYSGT, MSGT, MGYSGT, WO-1, CWO-2, CWO-3, CWO-4, CWO-5, CAPT, MAJ, LTCOL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given demolition materials.

STANDARD: To initiate the firing system.

PERFORMANCE STEPS:
1. Assemble non-electric firing system.
2. Emplace non-electric firing system.

3. Initiate non-electric firing system.
4. Verify functioning of non-electric firing system.

REFERENCES:
1. AEODPS 60 Series Automated EOD Publication System
2. DA-Pam 385-64 Ammunition and Explosives Safety Standards
3. DOD 6055.09-M Volumes 1 through 9 Department of Defense Ammunition and Explosives Safety Standards
4. MCO 3571.2_ Explosive Ordnance Disposal (EOD) Program
5. NAVSEA OP 5 Vol 1 Ammunition and Explosives/Ashore Safety Regulations of Handling, Storage, Production, Renovation and Shipping
6. NAVSEA SWO60-AA-MMA-010 Demolition Materials

SUPPORT REQUIREMENTS:

ORDNANCE:

DODIC	QUANTITY
DWEI Pyrotechnic Initiator MK34 Mod 0	50 FT per Marine
M023 Charge, Demolition Block M112 1-1/4	1 Per per Marine
M032 Charge, Demolition Block TNT 1-Pound	1 Per per Marine
M131 Cap, Blasting Non-Electric M7	3 Per per Marine
M591 Dynamite, Military M1	1 Per per Marine
M670 Fuse, Blasting Time M700	18 FT per Marine
ML03 Firing Device, Demolition Multi-Purp	1 Per per Marine
MN08 Igniter, Time Blasting Fuse with Sho	2 Per per Marine
MN88 Cap, Blasting, Non-Electric, M21 w/	1 Per per Marine

RANGE/TRAINING AREA:
Facility Code 17830 Light Demolition Range

EQUIPMENT: Family of EOD equipment.

UNITS/PERSONNEL: Corpsman, 8404, 8425, 8427.

23XX-DEMO-2002: Initiate an electric firing system

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL:** 12 months

MOS PERFORMING: 2305, 2336

GRADES: SGT, SSGT, GYSGT, MSGT, MGYSGT, WO-1, CWO-2, CWO-3, CWO-4, CWO-5, CAPT, MAJ, LTCOL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given demolition materials and firing device.

STANDARD: To initiate firing system.

PERFORMANCE STEPS:
1. Assemble electrical firing system.
2. Test electrical firing system.
3. Initiate firing system.
4. Verify functioning of electric firing system.

REFERENCES:
1. AEODPS 60 Series Automated EOD Publication System
2. DA-Pam 385-64 Ammunition and Explosives Safety Standards
3. DOD 6055.9 Department of Defense Explosives Safety Manual
4. MCO 3571.2_ Explosive Ordnance Disposal (EOD) Program
5. NAVSEA OP 5, VOL 1 Ammunition and Explosives Ashore Safety Regulations for Handling, Storing, Production, Renovation and Shipping
6. NAVSEA SWO60-AA-MMA-010 Demolition Materials

SUPPORT REQUIREMENTS:

ORDNANCE:

DODIC	QUANTITY
M023 Charge, Demolition Block M112 1-1/4	1 Per per Marine
M032 Charge, Demolition Block TNT 1-Pound	1 Per per Marine
M130 Cap, Blasting Electric M6	6 Per per Marine
M591 Dynamite, Military M1	1 Per per Marine

RANGE/TRAINING AREA:
Facility Code 17830 Light Demolition Range

EQUIPMENT: Family of EOD equipment.

UNITS/PERSONNEL: Corpsman, 8404, 8425, 8427.

23XX-DEMO-2003: Employ incendiary devices

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL:** 12 months

MOS PERFORMING: 2305, 2336

GRADES: SGT, SSGT, GYSGT, MSGT, MGYSGT, WO-1, CWO-2, CWO-3, CWO-4, CWO-5, CAPT, MAJ, LTCOL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given demolition material.

STANDARD: To initiate the device.

PERFORMANCE STEPS:
1. Determine method of initiation.
2. Prepare incendiary device(s) for initiation.
3. Initiate incendiary device(s).
4. Verify desired effects.

REFERENCES:
1. AEODPS 60 Series Automated EOD Publication System
2. DA-Pam 385-64 Ammunition and Explosives Safety Standards
3. DOD 6055.09-M Volumes 1 through 9 Department of Defense Ammunition and Explosives Safety Standards
4. MCO 3571.2_ Explosive Ordnance Disposal (EOD) Program
5. NAVSEA OP 5, VOL 1 Ammunition and Explosives Ashore Safety Regulations for

Handling, Storing, Production, Renovation and Shipping
6. NAVSEA SW060-AA-MMA-010 Demolition Materials

SUPPORT REQUIREMENTS:

ORDNANCE:

DODIC	QUANTITY
G900 Grenade, Hand Incendiary Thermite AN	5 Per per Marine
M131 Cap, Blasting Non-Electric M7	2 Per per Marine
M670 Fuse, Blasting Time M700	18 FT per Marine
MN08 Igniter, Time Blasting Fuse with Sho	3 Per per Marine

RANGE/TRAINING AREA:
Facility Code 17830 Light Demolition Range

EQUIPMENT: Family of EOD equipment.

UNITS/PERSONNEL: Corpsman, 8404, 8425, 8427.

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS:
1 Shot - Thrown by hand
1 Shot - Standard initiation with blasting cap 1 inch from the top in a cluster of 3
1 Shot - Cap placed under a taped spoon
1 Shot - Fish scaled time fuze

23XX-DEMO-2004: Employ a detonating cord system

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL:** 12 months

MOS PERFORMING: 2305, 2336

GRADES: SGT, SSGT, GYSGT, MSGT, MGYSGT, WO-1, CWO-2, CWO-3, CWO-4, CWO-5, CAPT, MAJ, LTCOL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given demolition material.

STANDARD: To ensure detonation of explosive system.

PERFORMANCE STEPS:
1. Prepare a detonating cord system.
2. Connect detonating cord system to firing system.
3. Initiate detonating cord system.
4. Verify effects.

REFERENCES:
1. AEODPS 60 Series Automated EOD Publication System
2. DA-Pam 385-64 Ammunition and Explosives Safety Standards
3. DOD 6055.09-M Volumes 1 through 9 Department of Defense Ammunition and Explosives Safety Standards

4. MCO 3571.2_ Explosive Ordnance Disposal (EOD) Program
5. NAVSEA OP 5, VOL 1 Ammunition and Explosives Ashore Safety Regulations for Handling, Storing, Production, Renovation and Shipping
6. NAVSEA SWO60-AA-MMA-010 Demolition Materials

SUPPORT REQUIREMENTS:

ORDNANCE:

DODIC	QUANTITY
M023 Charge, Demolition Block M112 1-1/4	1 Per per Marine
M032 Charge, Demolition Block TNT 1-Pound	1 Per per Marine
M131 Cap, Blasting Non-Electric M7	3 Per per Marine
M456 Cord, Detonating PETN Type I Class E	50 FT per Marine
M591 Dynamite, Military M1	1 Per per Marine
M670 Fuse, Blasting Time M700	12 FT per Marine
MN08 Igniter, Time Blasting Fuse with Sho	2 Per per Marine

EQUIPMENT: Family of EOD equipment.

UNITS/PERSONNEL: Corpsman, 8404, 8425, 8427.

23XX-DEMO-2005: Employ shaped charges

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL:** 12 months

DESCRIPTION: This can be a prefabricated charge, a charge that requires, an explosive filler be added, or an improvised shape charge.

MOS PERFORMING: 2305, 2336

GRADES: SGT, SSGT, GYSGT, MSGT, MGYSGT, WO-1, CWO-2, CWO-3, CWO-4, CWO-5, CAPT, MAJ, LTCOL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given demolition materiels.

STANDARD: To ensure intended effect.

PERFORMANCE STEPS:
1. Identify intended effect.
2. Prepare a shaped charge for use.
3. Prepare a firing system (electric or non-electric).
4. Place charge.
5. Initiate the firing system.
6. Verify effects.

REFERENCES:
1. AEODPS 60 Series Automated EOD Publication System
2. DA-Pam 385-64 Ammunition and Explosives Safety Standards
3. DOD 6055.09-M Volumes 1 through 9 Department of Defense Ammunition and Explosives Safety Standards
4. FM 5-250 Explosives and Demolitions

SUPPORT REQUIREMENTS:

ORDNANCE:

DODIC	QUANTITY
M023 Charge, Demolition Block M112 1-1/4	5 Per per Marine
M130 Cap, Blasting Electric M6	15 Per per Marine
M131 Cap, Blasting Non-Electric M7	12 Per per Marine
M420 Charge, Demolition Shaped M2 Series	1 Per per Marine
M421 Charge, Demolition Shaped M3 Series	1 Per per Marine
M456 Cord, Detonating PETN Type I Class E	25 FT per Marine
M474 Container, Demolition Charge MK1 Mod	1 Per per Marine
M475 Container, Demolition Charge MK2 Mod	1 Per per Marine
M476 Container, Demolition Charge MK3 Mod	1 Per per Marine
M477 Container, Demolition Charge MK7 Mod	1 Per per Marine
M478 Container, Demolition Charge MK7 Mod	1 Per per Marine
M479 Container, Demolition Charge MK7 Mod	1 Per per Marine
M480 Container, Demolition Charge MK7 Mod	1 Per per Marine
M481 Container, Demolition Charge MK7 Mod	1 Per per Marine
M482 Container, Demolition Charge MK7 Mod	1 Per per Marine
M483 Container, Demolition Charge MK7 Mod	1 Per per Marine
M484 Container, Demolition Charge MK7 Mod	1 Per per Marine
M487 Container, Demolition Charge MK8 Mod	1 Per per Marine
M670 Fuse, Blasting Time M700	50 FT per Marine
M981 Charge, Demolition Sheet 0.125 Inch	1 FT per Marine
MM41 Charge, Demolition Flexible Linear S	1 FT per Marine
MM42 Charge, Demolition Flexible Linear S	1 FT per Marine
MM43 Charge, Demolition Flexible Linear S	1 FT per Marine
MM44 Charge, Demolition Flexible Linear S	1 FT per Marine
MM45 Charge, Demolition Flexible Linear S	1 FT per Marine
MM46 Charge, Demolition Flexible Linear S	1 FT per Marine
MM47 Charge, Demolition Flexible Linear S	1 FT per Marine
MM48 Charge, Demolition Flexible Linear S	1 FT per Marine
MN08 Igniter, Time Blasting Fuse with Sho	14 FT per Marine

RANGE/TRAINING AREA:
Facility Code 17830 Light Demolition Range

EQUIPMENT: Family of EOD equipment, to include charge containers.

UNITS/PERSONNEL: Corpsman, 8404, 8425, 8427.

23XX-DEMO-2006: Dispose of explosives by burning

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL:** 12 months

MOS PERFORMING: 2305, 2336

GRADES: SGT, SSGT, GYSGT, MSGT, MGYSGT, WO-1, CWO-2, CWO-3, CWO-4, CWO-5, CAPT, MAJ, LTCOL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given demolitions material or explosive components.

STANDARD: To completely dispose of explosives without high-order detonation.

PERFORMANCE STEPS:
1. Select burn site.
2. Inspect burn site.
3. Prepare burn site.
4. Prepare initiation system.
5. Prepare dunnage pile.
6. Place explosives to be burnt on dunnage pile.
7. Place initiation system.
8. Initiate burn.
9. Observe the appropriate wait time.
10. Verify results.

REFERENCES:
1. AEODPS 60 Series Automated EOD Publication System
2. FM 5-250 Explosives and Demolitions
3. MCO 3571.2_ Explosive Ordnance Disposal (EOD) Program
4. Title 40 Protection of the Environment

SUPPORT REQUIREMENTS:

ORDNANCE:

DODIC	QUANTITY
DA12 Charge, Propellant 155mm MACS M231	1 Per per Marine
G900 Grenade, Hand Incendiary Thermite AN	6 Per per Marine
M023 Charge, Demolition Block M112 1-1/4	1 Per per Marine
M131 Cap, Blasting Non-Electric M7	2 Per per Marine
M670 Fuse, Blasting Time M700	50 FT per Marine
MN08 Igniter, Time Blasting Fuse with Sho	3 Per per Marine

EQUIPMENT: Family of EOD equipment.

MATERIAL: Dunnage such as cardboard, paper, or wood that will burn

UNITS/PERSONNEL: Corpsman 8404, 8425, 8427

23XX-DEMO-2007: Conduct propellant burn

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL:** 12 months

MOS PERFORMING: 2305, 2336

GRADES: SGT, SSGT, GYSGT, MSGT, MGYSGT, WO-1, CWO-2, CWO-3, CWO-4, CWO-5, CAPT, MAJ, LTCOL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a propellant.

STANDARD: To ensure complete deflagration.

PERFORMANCE STEPS:
1. Select suitable site, clear of vegetation.

2. Ensure favorable environmental conditions.
3. Select method of burning.
4. Lay out propellants.
5. Build firing system.
6. Place firing system.
7. Initiate firing system.
8. Verify results.

REFERENCES:
1. AEODPS 60 Series Automated EOD Publication System
2. DA-Pam 385-64 Ammunition and Explosives Safety Standards
3. DOD 6055.09-M Volumes 1 through 9 Department of Defense Ammunition and Explosives Safety Standards
4. Title 40 Protection of the Environment

SUPPORT REQUIREMENTS:

ORDNANCE:

DODIC	QUANTITY
DA12 Charge, Propellant 155mm MACS M231	1 Per per Marine
G900 Grenade, Hand Incendiary Thermite AN	6 Per per Marine
J143 Rocket Motor, 5-inch MK22 Mod 4	4 charges per Section
M131 Cap, Blasting Non-Electric M7	2 Per per Marine
M670 Fuse, Blasting Time M700	50 FT per Marine
MN08 Igniter, Time Blasting Fuse with Sho	3 Per per Marine

RANGE/TRAINING AREA:
Facility Code 17830 Light Demolition Range

EQUIPMENT: Family of EOD equipment, and unit purchased plaster of paris.

UNITS/PERSONNEL: Corpsman, 8404, 8425, 8427.

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: Conducting a propellant burn on flake propellant, unrestricted solid propellant, and a restricted solid propellant burn should all be completed as each presents different challenges.

23XX-DEMO-2008: Dispose of explosive ordnance by detonation

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL:** 12 months

MOS PERFORMING: 2305, 2336

GRADES: SGT, SSGT, GYSGT, MSGT, MGYSGT, WO-1, CWO-2, CWO-3, CWO-4, CWO-5, CAPT, MAJ, LTCOL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given an explosive ordnance item.

STANDARD: To safely dispose of all explosive ordnance.

PERFORMANCE STEPS:
1. Prepare explosive charge.
2. Place explosive charge.
3. Construct initiation system.
4. Place initiation system.
5. Initiate explosives.
6. Verify results.

REFERENCES:
1. AEODPS 60 Series Automated EOD Publication System
2. DA-Pam 385-64 Ammunition and Explosives Safety Standards
3. DOD 6055.09-M Volumes 1 through 9 Department of Defense Ammunition and Explosives Safety Standards
4. MCO 3571.2_ Explosive Ordnance Disposal (EOD) Program
5. NAVSEA OP 5, VOL 1 Ammunition and Explosives Ashore Safety Regulations for Handling, Storing, Production, Renovation and Shipping
6. NAVSEA SWO60-AA-MMA-010 Demolition Materials

SUPPORT REQUIREMENTS:

ORDNANCE:

DODIC	QUANTITY
M131 Cap, Blasting Non-Electric M7	10 Per per Marine
M456 Cord, Detonating PETN Type I Class E	100 FT per Marine
M670 Fuse, Blasting Time M700	100 FT per Marine
M757 Charge, Assembly Demolition M183 Com	1 Per per Marine
MN08 Igniter, Time Blasting Fuse with Sho	10 Per per Marine

RANGE/TRAINING AREA:
Facility Code 17430 Impact Area Dudded
Facility Code 17431 Impact Area Non-Dudded
Facility Code 17670 Mortar Range
Facility Code 17820 Engineer Qualification Range, Non-Standardized
Facility Code 17830 Light Demolition Range

EQUIPMENT: Family of EOD equipment.

UNITS/PERSONNEL: Corpsman, 8404, 8425, 8427.

23XX-IED-2001: Conduct render safe procedure on Improvised Explosive Device (IED)

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL:** 12 months

DESCRIPTION: This event supports counter IED efforts.

MOS PERFORMING: 2305, 2336

GRADES: SGT, SSGT, GYSGT, MSGT, MGYSGT, WO-1, CWO-2, CWO-3, CWO-4, CWO-5, CAPT, MAJ, LTCOL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a threat.

STANDARD: To ensure complete disruption of the firing train.

PERFORMANCE STEPS:
1. Identify IED.
2. Analyze IED.
3. Formulate Render Safe Procedure.
4. Prepare tools.
5. Perform procedure.
6. Verify results.
7. Recover evidence.
8. Seek disposition.
9. Exploit evidence.

REFERENCES:
1. AEODPS 60 Series Automated EOD Publication System
2. DODDIR 3025.18 Defense Support to Civil Authorities
3. MCO 3571.2_ Explosive Ordnance Disposal (EOD) Program

SUPPORT REQUIREMENTS:

RANGE/TRAINING AREA:
Facility Code 17410 Maneuver/Training Area, Light Forces
Facility Code 17963 MOUT Collective Training Facility (Large)

EQUIPMENT: Family of EOD equipment.

UNITS/PERSONNEL: Corpsman, 8404, 8425, 8427.

23XX-INTL-2001: Conduct reconnaissance on explosive ordnance

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL:** 12 months

MOS PERFORMING: 2305, 2336

GRADES: SGT, SSGT, GYSGT, MSGT, MGYSGT, WO-1, CWO-2, CWO-3, CWO-4, CWO-5, MAJ, LTCOL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a munition.

STANDARD: To identify an unknown threat.

PERFORMANCE STEPS:
1. Establish safe area.
2. Determine support required.
3. Determine associated safeties that will be observed.
4. Determine safe direction of approach.
5. Identify type by function based on key identification features.
6. Identify and annotate nomenclature, measurements, shapes, colors, construction, fittings, and features.

7. Conduct publications research.

REFERENCES:
1. AEODPS 60 Series Automated EOD Publication System
2. MCO 3571.2_ Explosive Ordnance Disposal (EOD) Program

SUPPORT REQUIREMENTS:

EQUIPMENT: Family of EOD equipment.

23XX-INTL-2002: Conduct a search for explosive threat

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL:** 12 months

MOS PERFORMING: 2305, 2336

GRADES: SGT, SSGT, GYSGT, MSGT, MGYSGT, WO-1, CWO-2, CWO-3, CWO-4, CWO-5, CAPT, MAJ, LTCOL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given threat environment.

STANDARD: To confirm or deny the presence of threats.

PERFORMANCE STEPS:
1. Determine search method and required equipment.
2. Brief EOD response element.
3. Conduct search.

REFERENCES: AEODPS 60 Series Automated EOD Publication System

SUPPORT REQUIREMENTS:

RANGE/TRAINING AREA:
Facility Code 17410 Maneuver/Training Area, Light Forces
Facility Code 17962 MOUT Collective Training Facility (Small)
Facility Code 17963 MOUT Collective Training Facility (Large)

EQUIPMENT: Family of EOD equipment.

UNITS/PERSONNEL: Corpsman 8404, 8425, 8427

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: The scope of this task can cover every type of environment from heavily populated urban settings to sparse mountainous desert climates. This may include support to USSS, Special Operations Forces, Conventional forces, and Law Enforcement.

23XX-MED-2001: Perform Tactical Field Care (TFC)

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL:** 12 months

MOS PERFORMING: 2305, 2336

GRADES: SGT, SSGT, GYSGT, MSGT, MGYSGT, WO-1, CWO-2, CWO-3, CWO-4, CWO-5, CAPT, MAJ, LTCOL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a casualty with no life-threatening bleeding, an Individual First Aid Kit (IFAK), and a secure position out of effective enemy fire.

STANDARD: To prevent further bleeding or death.

PERFORMANCE STEPS:
1. Disarm casualty, if necessary.
2. Evaluate casualty's airway.
3. Place casualty in recovery position.
4. Evaluate casualty for sucking chest wound.
5. Assess the casualty for unrecognized bleeding and control all sources.
6. Evaluate the casualty for shock.
7. Prevent hypothermia in casualty.
8. Inspect and dress casualty's wounds.
9. Check casualty for additional wounds.
10. Splint casualty's fractures.
11. Seek medical assistance for casualty as soon as possible.

REFERENCES:
1. Combat Lifesaver Tactical Combat Casualty Care Student Handout
2. FMSS-4 Prehospital Trauma Life Support

SUPPORT REQUIREMENTS:

EQUIPMENT: Family of EOD equipment.

UNITS/PERSONNEL: Corpsman, 8404, 8425, 8427.

23XX-MED-2002: Perform Care Under Fire (CUF)

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL:** 12 months

MOS PERFORMING: 2305, 2336

GRADES: SGT, SSGT, GYSGT, MSGT, MGYSGT, WO-1, CWO-2, CWO-3, CWO-4, CWO-5, CAPT, MAJ, LTCOL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a casualty, an assault load and an Individual First Aid Kit (IFAK).

STANDARD: To sustain life and prevent additional casualties.

PERFORMANCE STEPS:
1. Suppress hostile fire.
2. Instruct casualty to take cover and apply self-aid, if possible.
3. Treat immediate life threatening hemorrhage.
4. Move casualty to a safe position when tactically feasible.

REFERENCES:
1. Combat Lifesaver Tactical Combat Casualty Care Student Handout
2. FMSS-4 Prehospital Trauma Life Support

SUPPORT REQUIREMENTS:

EQUIPMENT: Family of EOD equipment.

UNITS/PERSONNEL: Corpsman, 8404, 8425, 8427.

23XX-OPS-2001: Employ hook and line techniques

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL:** 12 months

DESCRIPTION: This event entails the employment of hook and line procedures for remote manipulation.

MOS PERFORMING: 2305, 2336

GRADES: SGT, SSGT, GYSGT, MSGT, WO-1, CWO-2, CWO-3

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a mission.

STANDARD: To ensure the remote manipulation of an item.

PERFORMANCE STEPS:
1. Conduct mission analysis.
2. Develop plan.
3. Execute plan.
4. Verify.

REFERENCES: AEODPS 60 Series Automated EOD Publication System

SUPPORT REQUIREMENTS:

RANGE/TRAINING AREA:
Facility Code 17962 MOUT Collective Training Facility (Small)
Facility Code 17963 MOUT Collective Training Facility (Large)

EQUIPMENT: Family of EOD equipment.

UNITS/PERSONNEL: Corpsman, 8404, 8425, 8427.

23XX-RSP-2001: Employ Tape and Line Techniques

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL:** 12 months

MOS PERFORMING: 2305, 2336

GRADES: SGT, SSGT, GYSGT, MSGT, MGYSGT, WO-1, CWO-2, CWO-3, CWO-4, CWO-5, CAPT, MAJ, LTCOL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a fuzed munition.

STANDARD: To remove the fuze from an ordnance item.

PERFORMANCE STEPS:
1. Secure the ordnance to keep it from moving.
2. Attach the tape and line system.
3. Initiate the procedure from safe area.
4. Verify results.
5. Submit RSP report to MARDET NSWC IHEODTD.

REFERENCES:
1. AEODPS 60 Series Automated EOD Publication System
2. MCO 3571.2_ Explosive Ordnance Disposal (EOD) Program
3. MCO 8027.1 Interservice Responsibilities for Explosive Ordnance Disposal
4. MCRP 10-10D.1 Multi-Service Tactics, Techniques, and Procedures for Explosive Ordnance
5. MCRP 10-10D.2 MTTPS FOR EXPLOSIVE ORDNANCE DISPOSAL (EOD)

SUPPORT REQUIREMENTS:

RANGE/TRAINING AREA:
Facility Code 17430 Impact Area Dudded
Facility Code 17431 Impact Area Non-Dudded
Facility Code 17937 Aerial Bombing Range

EQUIPMENT: Family of EOD equipment.

UNITS/PERSONNEL: Corpsman, 8404, 8425, 8427.

23XX-RSP-2002: Conduct Render Safe Procedure (RSP) on Unexploded Explosive Ordnance (UXO)

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL:** 12 months

MOS PERFORMING: 2305, 2336

GRADES: SGT, SSGT, GYSGT, MSGT, MGYSGT, WO-1, CWO-2, CWO-3, CWO-4, CWO-5, CAPT, MAJ, LTCOL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given unexploded ordnance.

STANDARD: To disrupt firing train.

PERFORMANCE STEPS:
1. Identify UXO.
2. Research UXO.
3. Document or Formulate Render Safe Procedure.
4. Prepare tools.
5. Perform procedure.
6. Validate results.
7. Seek disposition.
8. Submit RSP report to MARDET NSWC IHEODTD.

REFERENCES:
1. AEODPS 60 Series Automated EOD Publication System
2. MCO 3571.2_ Explosive Ordnance Disposal (EOD) Program
3. MCO 8027.1 Interservice Responsibilities for Explosive Ordnance Disposal
4. MCRP 10-10D.1 Multi-Service Tactics, Techniques, and Procedures for Explosive Ordnance
5. MCRP 10-10D.2 MTTPS FOR EXPLOSIVE ORDNANCE DISPOSAL (EOD)

SUPPORT REQUIREMENTS:

ORDNANCE:

DODIC	QUANTITY
M130 Cap, Blasting Electric M6	6 Per per Marine
M174 Cartridge, Caliber .50 Impulse Elect	3 Per per Marine
M456 Cord, Detonating PETN Type I Class E	24 FT per Marine
ML04 Cutter, High Explosive MK23 Mod 0	2 Per per Marine
ML05 Cutter, High Explosive MK24 Mod 0	4 Per per Marine

RANGE/TRAINING AREA:
Facility Code 17430 Impact Area Dudded
Facility Code 17431 Impact Area Non-Dudded
Facility Code 17937 Aerial Bombing Range

EQUIPMENT: Family of EOD equipment.

OTHER SUPPORT REQUIREMENTS: Corpsman, 8404, 8425, 8427.

23XX-RSP-2003: Conduct Render Safe Procedure (RSP) on aircraft explosive hazards

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL:** 12 months

MOS PERFORMING: 2305, 2336

GRADES: SGT, SSGT, GYSGT, MSGT, MGYSGT, WO-1, CWO-2, CWO-3, CWO-4, CWO-5, CAPT, MAJ, LTCOL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given an aircraft.

STANDARD: To mitigate all aircraft explosive hazards.

PERFORMANCE STEPS:
1. Identify the type of aircraft.
2. Identify all explosive hazards associated with aircraft.
3. Identify any ordnance being carried by the aircraft.
4. Render safe all identified explosive hazards.
5. Render safe all ordnance delivery devices.
6. Render safe all ordnance on aircraft, if possible.
7. Download and seek disposition, as required.
8. Submit RSP report to MARDET NSWC IHEODTD.

REFERENCES:
1. AEODPS 60 Series Automated EOD Publication System
2. FM 3-04.513 Aircraft Recovery Operations
3. MCO 3571.2_ Explosive Ordnance Disposal (EOD) Program
4. MCO 8027.1 Interservice Responsibilities for Explosive Ordnance Disposal
5. MCRP 10-10D.1 Multi-Service Tactics, Techniques, and Procedures for Explosive Ordnance

SUPPORT REQUIREMENTS:

AIRCRAFT: Requires liaison with multiple units IOT gain access to a variety of airframes.

EQUIPMENT: Family of EOD equipment.

UNITS/PERSONNEL: Corpsman, 8404, 8425, 8427.

23XX-TOOL-2001: Employ the Self-Contained Breathing Apparatus (SCBA)

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL:** 12 months

MOS PERFORMING: 2305, 2336

GRADES: SGT, SSGT, GYSGT, MSGT, MGYSGT, WO-1, CWO-2, CWO-3, CWO-4, CWO-5, CAPT, MAJ, LTCOL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a mission in an environment with inhalation hazards.

STANDARD: To prevent exposure to hazards.

PERFORMANCE STEPS:
1. Conduct preventative maintenance checks and services on equipment.
2. Assemble the SCBA.
3. Conduct functions check.
4. Confirm fit.
5. Don the SCBA.
6. Monitor air consumption.
7. Conduct bottle exchange.
8. Conduct buddy breathing.
9. Doff SCBA

REFERENCES:
1. AEODPS 60 Series Automated EOD Publication System
2. NAVMC DIR 5100.8 Marine Corps Occupational Safety and Health (OSH) Program Manual
3. OPNAVINST 5100.23_ Navy Safety and Occupational Health (SOH) Program Manual
4. SCBA Operator's Manual

SUPPORT REQUIREMENTS:

EQUIPMENT: Family of EOD equipment.

UNITS/PERSONNEL: Corpsman, 8404, 8425, 8427.

23XX-TOOL-2002: Employ remote firing device

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL:** 12 months

MOS PERFORMING: 2305, 2336

GRADES: SGT, SSGT, GYSGT, MSGT, MGYSGT, WO-1, CWO-2, CWO-3, CWO-4, CWO-5, CAPT, MAJ, LTCOL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a mission.

STANDARD: To initiate a firing train.

PERFORMANCE STEPS:
1. Assemble the firing device.
2. Perform operations check of firing device.
3. Program the firing device.
4. Connect firing system.
5. Initiate firing device.
6. Verify results.

REFERENCES: AEODPS 60 Series Automated EOD Publication System

SUPPORT REQUIREMENTS:

ORDNANCE:

DODIC	QUANTITY
M130 Cap, Blasting Electric M6	5 Per per Marine

RANGE/TRAINING AREA:
Facility Code 17830 Light Demolition Range

EQUIPMENT: Family of EOD equipment.

UNITS/PERSONNEL: Corpsman, 8404, 8425, 8427.

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: 1 Shot in series and 1 shot in parallel. When utilizing MAS-RFD, initiate TIF mode, transmit null command, verify null command, and fire in RIF mode. This can also be accomplished with electric match or flash bulb.

23XX-TOOL-2003: Employ a remote wrench

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL:** 12 months

DESCRIPTION: This task encompasses employing the following but not limited to: MK 1 Mod Series remote wrenches.

MOS PERFORMING: 2305, 2336

GRADES: SGT, SSGT, GYSGT, MSGT, MGYSGT, WO-1, CWO-2, CWO-3, CWO-4, CWO-5, CAPT, MAJ, LTCOL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a fuzed ordnance item.

STANDARD: To remove fuze from ordnance item.

PERFORMANCE STEPS:
1. Prepare the remote wrench.
2. Assemble the remote wrench for use.
3. Connect the remote wrench to firing system.
4. Apply the remote wrench to ordnance item.
5. Initiate the remote wrench.
6. Verify results.

REFERENCES:
1. AEODPS 60 Series Automated EOD Publication System
2. MCO 3571.2_ Explosive Ordnance Disposal (EOD) Program

SUPPORT REQUIREMENTS:

ORDNANCE:

DODIC	QUANTITY
A552 Cartridge, Caliber .50 Ball, Ctn F/M	2 Per per Marine
M130 Cap, Blasting Electric M6	2 Per per Marine
M174 Cartridge, Caliber .50 Impulse Elect	2 Per per Marine
M456 Cord, Detonating PETN Type I Class E	10 FT per Marine

RANGE/TRAINING AREA:
Facility Code 17430 Impact Area Dudded
Facility Code 17431 Impact Area Non-Dudded
Facility Code 17650 Field Artillery Direct Fire Range
Facility Code 17820 Engineer Qualification Range, Non-Standardized
Facility Code 17830 Light Demolition Range
Facility Code 17937 Aerial Bombing Range

EQUIPMENT: Family of EOD equipment.

UNITS/PERSONNEL: Corpsman, 8404, 8425, 8427.

23XX-TOOL-2004: Locate buried ordnance

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL:** 12 months

DESCRIPTION: This task encompasses employing the following but not limited to: Active, passive, and low carbon detectors; and ground penetrating radar systems.

MOS PERFORMING: 2305, 2336

GRADES: SGT, SSGT, GYSGT, MSGT, MGYSGT, WO-1, CWO-2, CWO-3, CWO-4, CWO-5, CAPT, MAJ, LTCOL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given an environment with sub-surface unexploded ordnance, equipment, and references.

STANDARD: To detect and mark buried ordnance.

PERFORMANCE STEPS:
1. Determine type of tool(s).
2. Prepare equipment for use.
3. Search each segment systematically.
4. Mark suspected buried UXO.

REFERENCES: AEODPS 60 Series Automated EOD Publication System

SUPPORT REQUIREMENTS:

EQUIPMENT: Family of EOD equipment.

23XX-TOOL-2005: Employ robotics

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL:** 12 months

MOS PERFORMING: 2305, 2336

GRADES: SGT, SSGT, GYSGT, MSGT, MGYSGT, WO-1, CWO-2, CWO-3, CWO-4, CWO-5, CAPT, MAJ, LTCOL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a mission.

STANDARD: To mitigate hazards and traverse obstacles utilizing a robotics platform.

PERFORMANCE STEPS:
1. Navigate obstacles.
2. Climb stairs.

3. Observe using cameras over, under, and around obstacles.
4. Access areas and devices, with either manipulation or energetically.
5. Employ robot wirelessly and tethered.
6. Manipulate objects.
7. Use attached explosive/power tool.

REFERENCES: AEODPS 60 Series Automated EOD Publication System

SUPPORT REQUIREMENTS:

ORDNANCE:

DODIC	QUANTITY
A011 Cartridge, 12 Gauge #00 Buckshot M16	3 Per per Marine
A017 Cartridge, 12 Gauge #9 Shot	3 Per per Marine
AA54- Cartridge, 12 Gauge, Breaching, M103	2 Per per Marine
AA62 Cartridge, 12 Gauge Ultra Velocity S	3 Per per Marine
AA63 Cartridge, 12 Gauge Avon MK275 Mod 0	3 Per per Marine
AA64- Cartridge, 12 Gauge Low Velocity Bla	3 Per per Marine
DWEC Cartridge, 12 Gauge Enhanced Blank M	3 Per per Marine
DWED Cartridge, 12 Gauge Custom Steel Slu	3 Per per Marine
DWEE Cartridge, 12 Gauge Aluminum Slug MK	3 Per per Marine
DWEI Pyrotechnic Initiator MK34 Mod 0	1000 FT per Marine
M023 Charge, Demolition Block M112 1-1/4	5 Per per Marine
M032 Charge, Demolition Block TNT 1-Pound	3 Per per Marine
M130 Cap, Blasting Electric M6	10 Per per Marine
M131 Cap, Blasting Non-Electric M7	10 Per per Marine
M456 Cord, Detonating PETN Type I Class E	25 FT per Marine
M980 Charge, Demolition Sheet 0.0831 Inch	1 FT per Marine
M981 Charge, Demolition Sheet 0.125 Inch	1 FT per Marine
MN08 Igniter, Time Blasting Fuse with Sho	10 Per per Marine
MN88 Cap, Blasting, Non-Electric, M21 w/	3 Per per Marine
MN90 Cap, Blasting, Non-Electric, M23 w/	10 Per per Marine

RANGE/TRAINING AREA:
Facility Code 17430 Impact Area Dudded
Facility Code 17431 Impact Area Non-Dudded
Facility Code 17502 Non-Standard Small Arms Range
Facility Code 17820 Engineer Qualification Range, Non-Standardized
Facility Code 17821 Engineer Qualification Range, Automated/Standardiz
Facility Code 17830 Light Demolition Range
Facility Code 17962 MOUT Collective Training Facility (Small)
Facility Code 17963 MOUT Collective Training Facility (Large)

EQUIPMENT: Family of EOD equipment.

MATERIAL: Units need to open purchase volumetric charges, such as but not limited to the following: Hydrojets, Mineral Water Bottles, Slim Jims, Boot Bangers, and Head Shots.

UNITS/PERSONNEL: Corpsman, 8404, 8425, 8427.

OTHER SUPPORT REQUIREMENTS: Full time access to SIRPNET in every environment.

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS:
The EOD Technician need to complete the following when employing robotics:
1. Navigate obstacles.
2. Climb stairs.
3. Observe using cameras over, under, and around obstacles.
4. Open doors with either manipulation or energetically.
5. Employ robot either wirelessly or tethered.
6. Manipulate objects.

23XX-TOOL-2006: Employ EOD disruption tools

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL:** 12 months

DESCRIPTION: This event encompasses employing energetic tools.

MOS PERFORMING: 2305, 2336

GRADES: SGT, SSGT, GYSGT, MSGT, MGYSGT, WO-1, CWO-2, CWO-3, CWO-4, CWO-5, CAPT, MAJ, LTCOL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a threat.

STANDARD: To disrupt the item utilizing appropriate tool.

PERFORMANCE STEPS:
1. Conduct mission analysis.
2. Determine appropriate tool.
3. Conduct preventative maintenance checks and services.
4. Conduct functions check.
5. Assemble tool and firing system.
6. Engage target(s).
7. Verify results.

REFERENCES: AEODPS 60 Series Automated EOD Publication System

SUPPORT REQUIREMENTS:

ORDNANCE:

DODIC	QUANTITY
A555 Cartridge, Caliber .50 Ball M33 Link	2 Per per Marine
AA62 Cartridge, 12 Gauge Ultra Velocity S	1 Per per Marine
AA63 Cartridge, 12 Gauge Avon MK275 Mod 0	1 Per per Marine
AA64- Cartridge, 12 Gauge Low Velocity Bla	1 Per per Marine
AA66 Cartridge, 12 Gauge Com. Black Powde	2 Per per Marine
AX14 Primer, Percussion 12 Gauge W209	2 Per per Marine
DWEC Cartridge, 12 Gauge Enhanced Blank M	1 Per per Marine
DWED Cartridge, 12 Gauge Custom Steel Slu	1 Per per Marine
DWEE Cartridge, 12 Gauge Aluminum Slug MK	1 Per per Marine
DWEI Pyrotechnic Initiator MK34 Mod 0	1000 FT per Marine
M131 Cap, Blasting Non-Electric M7	3 Per per Marine
M174 Cartridge, Caliber .50 Impulse Elect	3 Per per Marine
M456 Cord, Detonating PETN Type I Class E	10 FT per Marine

M670 Fuse, Blasting Time M700	12 FT per Marine
M980 Charge, Demolition Sheet 0.0831 Inch	2 FT per Marine
ML03 Firing Device, Demolition Multi-Purp	2 Per per Marine
MN08 Igniter, Time Blasting Fuse with Sho	2 Per per Marine

RANGE/TRAINING AREA:
Facility Code 17430 Impact Area Dudded
Facility Code 17431 Impact Area Non-Dudded
Facility Code 17820 Engineer Qualification Range, Non-Standardized
Facility Code 17830 Light Demolition Range

EQUIPMENT: Family of EOD equipment.

UNITS/PERSONNEL: Corpsman, 8404, 8425, 8427.

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS:
1 Shot with slug.
1 shot with steel shot.
1 shot with water.
2 shots using detonating cord and non-electric .50 caliber round.

23XX-TOOL-2007: Employ radiographic tools

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL:** 12 months

MOS PERFORMING: 2305, 2336

GRADES: SGT, SSGT, GYSGT, MSGT, MGYSGT, WO-1, CWO-2, CWO-3, CWO-4, CWO-5, CAPT, MAJ, LTCOL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a target.

STANDARD: To identify components.

PERFORMANCE STEPS:
1. Conduct mission analysis.
2. Determine appropriate system.
3. Conduct preventative maintenance checks and services.
4. Conduct functions check.
5. Calculate desired exposure.
6. Employ tool(s).
7. Process radiographic image.
8. Interpret results.

REFERENCES: AEODPS 60 Series Automated EOD Publication System

SUPPORT REQUIREMENTS:

EQUIPMENT: Family of EOD equipment.

23XX-TOOL-2008: Employ the EOD MK 36 non magnetic tool set

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL**: 12 months

MOS PERFORMING: 2305, 2336

GRADES: SGT, SSGT, GYSGT, MSGT, MGYSGT, WO-1, CWO-2, CWO-3, CWO-4, CWO-5, CAPT, MAJ, LTCOL

INITIAL TRAINING SETTING: MOJT

CONDITION: Given a magnetically influenced unexploded explosive ordnance.

STANDARD: To perform procedures without influencing the fuze firing system.

PERFORMANCE STEPS:
1. Conduct preventative maintenance and checks.
2. Observe applicable safeties.
3. Make approach.
4. Perform procedures.

REFERENCES: AEODPS 60 Series Automated EOD Publication System

SUPPORT REQUIREMENTS:

EQUIPMENT: Family of EOD equipment.

23XX-TOOL-2009: Detect a Radiological Source

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL**: 12 months

DESCRIPTION: This event encompasses employing the LRM, HRM, Identifinder, and UDR-15.

MOS PERFORMING: 2305, 2336

GRADES: SGT, SSGT, GYSGT, MSGT, MGYSGT, WO-1, CWO-2, CWO-3, CWO-4, CWO-5, CAPT, MAJ, LTCOL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a radiological environment with live source.

STANDARD: To detect, locate, and identify radioactive source while monitoring personnel exposure.

PERFORMANCE STEPS:
1. DON appropriate PPE.
2. Make approach.
3. Determine isotope.
4. Locate originating radiation source.
5. Determine dosage rate.
6. Conduct inverse square law principle.
7. Determine stay time.

8. Record survey results.

REFERENCES: AEODPS 60 Series Automated EOD Publication System

SUPPORT REQUIREMENTS:

EQUIPMENT: Family of EOD equipment.

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: In order to ensure training is realistic the unit should coordinate with the DOE National LAB, Local Hazmat Team, or other unit who can provide a radioactive isotope with sufficient strength to have the detection equipment used by EOD be effective.

4004. CORE PLUS SKILLS

2336-ADMN-2101: Supervise Class V

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL:** 12 months

DESCRIPTION: This event entails the proper computation, forecasting and requisition of Class V for operations and training to include all associated administrative documentary requirements for the proper accountability and requisition transportation and storage of Class V materials for both garrison and field environments.

MOS PERFORMING: 2336

GRADES: SGT, SSGT, GYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a mission.

STANDARD: To ensure requirement computation, accountability and proper documentation.

PERFORMANCE STEPS:
1. Conduct mission analysis.
2. Request required ammunition.
3. Conduct proper storage, as required.
4. Conduct proper handling.
5. Conduct proper transportation of ammunition, as required.
6. Submit reports.

REFERENCES:
1. MCO 8010.13 Class V(W) Administration and Management Program
2. MCO 8020.10_ Marine Corps Ammunition and Explosives Safety Program
3. NAVSEA OP 4 Ammunition Afloat
4. NAVSEA OP 5, VOL 1 Ammunition and Explosives Ashore Safety Regulations for Handling, Storing, Production, Renovation and Shipping
5. NAVSEA OP 5, VOL 3 Ammunition and Explosives Ashore; Advanced Bases
6. OP 5, Vol 1 Ammunition and Explosives Ashore Safety Regulations for Handling, Storing, Production, Renovation and Shipping

SUPPORT REQUIREMENTS:

EQUIPMENT: Family of EOD equipment.

OTHER SUPPORT REQUIREMENTS: Access to MAKE website, and TAMIS

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: Inclusive of Special Allowance Request, Disposition Requests, Missing Lost Stolen Recovered, Ammunition Malfunction Reporting, Stack Cards, Expenditure Reporting, Explosive Driver Certification, 626 Vehicle Inspection. Notice of Ammunition Reclassification (NAR), Detail Ammunition Report (DAR).

2336-OPS-2101: Supervise EOD response element

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL:** 12 months

DESCRIPTION: A conventional EOD response element will normally consist of three EOD technicians; however, not less than two EOD technicians are required to conduct a response.

MOS PERFORMING: 2336

GRADES: SGT, SSGT, GYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a mission.

STANDARD: To enable mission accomplishment for supported elements.

PERFORMANCE STEPS:
1. Conduct mission analysis.
2. Identify logistical requirements.
3. Obtain equipment.
4. Coordinate with internal/external agencies.
5. Develop employment plan.
6. Task organize personnel.
7. Oversee execution effort.
8. Submit EOD reports.

REFERENCES:
1. AEODPS 60 Series Automated EOD Publication System
2. MCO 3571.2_ Explosive Ordnance Disposal (EOD) Program

SUPPORT REQUIREMENTS:

EQUIPMENT: Family of EOD equipment.

2336-TRNG-2101: Supervise unit training

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL:** 12 months

MOS PERFORMING: 2336

GRADES: SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a unit, required external support, equipment and training plan.

STANDARD: To ensure training tasks are performed to standard.

PERFORMANCE STEPS:
1. Determine the event to train.

2. Determine required resources.
3. Prepare training materials.
4. Conduct the instruction.
5. Evaluate the performance.
6. Complete reports (MCTIMS, EODIMS).

REFERENCES:
1. MCO 1553.10 Marine Corps Training Information Management System (MCTIMS) Standing Operating Procedures (SOP)
2. MCO 3571.2_ Explosive Ordnance Disposal (EOD) Program
3. MCTP 8-10A Unit Training Management Guide
4. MCTP 8-10B How to Conduct Training

SUPPORT REQUIREMENTS:

OTHER SUPPORT REQUIREMENTS: MCTIMS

23XX-ADMN-2101: Apply the military munitions rule

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL:** 12 months

MOS PERFORMING: 2305, 2336

GRADES: SGT, SSGT, GYSGT, MSGT, MGYSGT, WO-1, CWO-2, CWO-3, CWO-4, CWO-5, CAPT, MAJ, LTCOL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given military munitions.

STANDARD: To comply with applicable laws and regulations.

PERFORMANCE STEPS:
1. Identify requirements.
2. Coordinate with outside agencies, if applicable.
3. Conduct operations.
4. Submit reports.

REFERENCES:
1. BLM Handbook A Handbook for Federal Land Managers, with Emphasis on UXO
2. CFR Code of Federal Regulations
3. ECM 06-2 Emergency Response (Explosives or Munitions Emergency Response) Conducted by EOD Personnel
4. RCRA Resource Conservation and Recovery Act

23XX-ADMN-2102: Provide EOD support to the Marine Corps Planning Process (MCPP)

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL:** 12 months

DESCRIPTION: Integration should be to the maximum extent possible in order to understand and contribute to the process. Integration should include: mission analysis, Course of Action (COA) development, COA wargaming, COA comparison and decision, orders development, transition, briefing, and graphics, etc.

MOS PERFORMING: 2305, 2336

GRADES: GYSGT, MSGT, MGYSGT, WO-1, CWO-2, CWO-3, CWO-4, CWO-5, CAPT, MAJ, LTCOL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a mission, higher-HQ operations order, personnel, equipment, and references.

STANDARD: To support mission planning.

PERFORMANCE STEPS:
1. Perform problem framing.
2. Develop courses of action.
3. War game courses of action.
4. Compare courses of action.
5. Present COAs for decision.
6. Develop orders.
7. Transition to produce operations plan or order.
8. Develop branches and or sequels, if applicable.

REFERENCES:
1. MCDP 5 Planning
2. MCWP 5-10 Marine Corps Planning Process (MCPP)

23XX-C2-2101: Manage command post

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL:** 12 months

MOS PERFORMING: 2305, 2336

GRADES: GYSGT, MSGT, MGYSGT, WO-1, CWO-2, CWO-3, CWO-4, CWO-5, CAPT, MAJ, LTCOL

INITIAL TRAINING SETTING: MOJT

CONDITION: Given a mission, higher-HQ operations order, personnel, equipment, and references.

STANDARD: To ensure on-scene command and control.

PERFORMANCE STEPS:
1. Establish command post.
2. Coordinate with internal/external agencies, when required.
3. Monitor situation, significant events, and CCIRs.
4. Obtain and disseminate information.
5. Brief status information.
6. Employ personnel/resources, as required.
7. Review reports.

REFERENCES:
1. HSPD-5 Homeland Security Presidential Directive-5
2. MARADMIN 423/06 Training to Support Implementation of National Incident Management System and National Response Plan at USMC Domestic Installations
3. MCDP 6 Command and Control
4. MCO 3571.2_ Explosive Ordnance Disposal (EOD) Program
5. MCRP 3-30.7 Commander's Tactical Handbook
6. NIMS National Incident Management System

23XX-DEMO-2101: Employ improvised disruption charges

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL:** 12 months

MOS PERFORMING: 2305, 2336

GRADES: SGT, SSGT, GYSGT, MSGT, MGYSGT, WO-1, CWO-2, CWO-3, CWO-4, CWO-5, CAPT, MAJ, LTCOL

INITIAL TRAINING SETTING: MOJT

CONDITION: Given demolitions material and a target.

STANDARD: To disrupt the device.

PERFORMANCE STEPS:
1. Evaluate target.
2. Identify intended outcome.
3. Determine charge for use.
4. Assemble charge.
5. Emplace charge.
6. Initiate charge.
7. Verify disruption.

REFERENCES:
1. AEODPS 60 Series Automated EOD Publication System

2. NAVSEA OP 5 Vol 1 Ammunition and Explosives/Ashore Safety Regulations of Handling, Storage, Production, Renovation and Shipping
3. NAVSEA SWO60-AA-MMA-010 Demolition Materials

SUPPORT REQUIREMENTS:

ORDNANCE:

DODIC		QUANTITY
DWEI	Pyrotechnic Initiator MK34 Mod 0	1000 FT per Marine
G900	Grenade, Hand Incendiary Thermite AN	3 Per per Marine
M023	Charge, Demolition Block M112 1-1/4	5 Per per Marine
M032	Charge, Demolition Block TNT 1-Pound	3 Per per Marine
M130	Cap, Blasting Electric M6	5 Per per Marine
M131	Cap, Blasting Non-Electric M7	5 Per per Marine
M174	Cartridge, Caliber .50 Impulse Elect	2 Per per Marine
M456	Cord, Detonating PETN Type I Class E	50 FT per Marine
M591	Dynamite, Military M1	1 Per per Marine
M670	Fuse, Blasting Time M700	50 FT per Marine
M980	Charge, Demolition Sheet 0.0831 Inch	5 FT per Marine
M981	Charge, Demolition Sheet 0.125 Inch	5 FT per Marine
M982	Charge, Demolition Sheet 0.166 Inch	5 FT per Marine
M986	Charge, Demolition Sheet 0.333 Inch	2 FT per Marine
MM30	Charge, Flexible 20 Gram PETN MK140	3 Per per Marine
MN08	Igniter, Time Blasting Fuse with Sho	10 Per per Marine
MN88	Cap, Blasting, Non-Electric, M21 w/	1 Per per Marine
MN90	Cap, Blasting, Non-Electric, M23 w/	1 Per per Marine
MU40	Cord, Detonating 400 Grains per Foot	2 FT per Marine
MU41	Cord, Detonating 200 Grains per Foot	2 FT per Marine
MU42	Cord, Detonating 100 Grains per Foot	2 FT per Marine

RANGE/TRAINING AREA:
Facility Code 17430 Impact Area Dudded
Facility Code 17431 Impact Area Non-Dudded
Facility Code 17710 Multipurpose Training Range (MPTR)
Facility Code 17830 Light Demolition Range
Facility Code 17962 MOUT Collective Training Facility (Small)
Facility Code 17963 MOUT Collective Training Facility (Large)

EQUIPMENT: Family of EOD equipment.

UNITS/PERSONNEL: Corpsman, 8404, 8425, 8427.

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: Procure required expendable materials via open purchase or serve mart.

23XX-DEMO-2102: Employ commercial and/or foreign military explosives

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL:** 24 months

MOS PERFORMING: 2305, 2336

GRADES: SGT, SSGT, GYSGT, MSGT, MGYSGT, WO-1, CWO-2, CWO-3, CWO-4, CWO-5, CAPT, MAJ, LTCOL

INITIAL TRAINING SETTING: MOJT

CONDITION: Given a mission.

STANDARD: To successfully perform EOD procedures.

PERFORMANCE STEPS:
1. Evaluate target.
2. Identify explosives.
3. Choose explosives based on comparable standard military explosives.
4. Prepare explosives.
5. Emplace explosives.
6. Initiate explosives.
7. Verify results.

REFERENCES:
1. Applicable Marine Corps Orders and Directives
2. AEODPS 60 Series Automated EOD Publication System
3. MCRP 3-34.2 Explosives and Demolitions
4. NAVSEA OP 5 Vol 1 Ammunition and Explosives/Ashore Safety Regulations of Handling, Storage, Production, Renovation and Shipping
5. NAVSEA SWO60-AA-MMA-010 Demolition Materials

SUPPORT REQUIREMENTS:

ORDNANCE:

DODIC	QUANTITY
DWDR Blasting Agent, Emulsion (Scent Kit	4 projectiles per Section
M585 Dynamite, Commercial 40% AN	4 blasting caps per Section
MN01 Canine Explosive Scent Kit	4 round per Section
MY57 Smokeless Powder (2 - 1 lb container	4 rounds per Section
MY77 Explosive Water Gel (6 sticks)	4 igniters per Section

RANGE/TRAINING AREA:
Facility Code 17430 Impact Area Dudded
Facility Code 17431 Impact Area Non-Dudded
Facility Code 17710 Multipurpose Training Range (MPTR)
Facility Code 17830 Light Demolition Range
Facility Code 17962 MOUT Collective Training Facility (Small)
Facility Code 17963 MOUT Collective Training Facility (Large)

EQUIPMENT: Family of EOD equipment.

MATERIAL: Civilian or foreign explosives.

UNITS/PERSONNEL: Corpsman, 8404, 8425, 8427.

OTHER SUPPORT REQUIREMENTS: Acquisition process for civilian and foreign explosives needs to be established.

23XX-DEMO-2103: Conduct rocket motor static fire

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL:** 12 months

MOS PERFORMING: 2305, 2336

GRADES: SGT, SSGT, GYSGT, MSGT, MGYSGT, WO-1, CWO-2, CWO-3, CWO-4, CWO-5, CAPT, MAJ, LTCOL

INITIAL TRAINING SETTING: MOJT

CONDITION: Given unfired rocket motor.

STANDARD: To remove the propellant from the rocket motor.

PERFORMANCE STEPS:
1. Research item to be static fired.
2. Develop procedures.
3. Submit procedures, if required.
4. Prepare equipment.
5. Execute procedures.
6. Validate procedures.
7. Determine disposition.

REFERENCES:
1. AEODPS 60 Series Automated EOD Publication System
2. NAVSEA OP 5, VOL 1 Ammunition and Explosives Ashore Safety Regulations for Handling, Storing, Production, Renovation and Shipping
3. NAVSEA SWO60-AA-MMA-010 Demolition Materials

SUPPORT REQUIREMENTS:

RANGE/TRAINING AREA:
Facility Code 17710 Multipurpose Training Range (MPTR)
Facility Code 17830 Light Demolition Range

EQUIPMENT: Family of EOD equipment.

MATERIAL: Post-hole digger

UNITS/PERSONNEL: Corpsman, 8404, 8425, 8427.

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: Aquire ordnance via Code H or SAR as available.

23XX-IED-2101: Employ electronic counter measures

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL:** 12 months

MOS PERFORMING: 2305, 2336

GRADES: SGT, SSGT, GYSGT, MSGT, MGYSGT, WO-1, CWO-2, CWO-3, CWO-4, CWO-5, CAPT, MAJ, LTCOL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a radio controlled threat.

STANDARD: To disrupt threat signal.

PERFORMANCE STEPS:
1. Conduct functions test to ensure desired operation of ECM equipment.
2. Prepare the electronic countermeasure for employment.
3. Determine proper placement of ECM equipment, ensuring compatibility with other ECM equipment.
4. Activate and place the ECM equipment.
5. Monitor and troubleshoot ECM equipment.

REFERENCES: AEODPS 60 Series Automated EOD Publication System

SUPPORT REQUIREMENTS:

RANGE/TRAINING AREA:
Facility Code 17410 Maneuver/Training Area, Light Forces

EQUIPMENT: Family of EOD equipment.

UNITS/PERSONNEL: ECM Equipment Field Service Representative, Electronic Warfare Officer (EWO), Frequency Manager. Corpsman, 8404, 8425, 8427.

OTHER SUPPORT REQUIREMENTS: Family of ECM Equipment.

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: Do not operate without authorization.

23XX-INTL-2101: Perform a post-blast analysis

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL:** 12 months

DESCRIPTION: Train personnel on the following categories: point of origin, tactical acuity, and fragmentation identification.

MOS PERFORMING: 2305, 2336

GRADES: SGT, SSGT, GYSGT, MSGT, WO-1, CWO-2, CWO-3, CWO-4, CWO-5, CAPT, MAJ, LTCOL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a detonation site.

STANDARD: To determine characteristics of the detonation.

PERFORMANCE STEPS:
1. Ensure scene is secure.

2. Establish safe area.
3. Obtain situational awareness.
4. Search for additional threats.
5. Process blast seat.
6. Collect evidence.
7. Document site and materials.

REFERENCES:
1. AEODPS 60 Series Automated EOD Publication System
2. ATTP 3-90.15 Site Exploitation Operations
3. MCO 3571.2_ Explosive Ordnance Disposal (EOD) Program
4. MCRP 3-17.2 Multiservice Procedures for Explosive Ordnance Disposal (NTTP) in a Joint Environment

SUPPORT REQUIREMENTS:

RANGE/TRAINING AREA:
Facility Code 17410 Maneuver/Training Area, Light Forces
Facility Code 17430 Impact Area Dudded
Facility Code 17830 Light Demolition Range
Facility Code 17963 MOUT Collective Training Facility (Large)

EQUIPMENT: Family of EOD equipment.

UNITS/PERSONNEL: Corpsman, 8404, 8425, 8427.

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: Ordnance required covers event EOD-INTL-4001: Conduct post-blast analysis and EOD-INTL-3001: Conduct post-blast analysis.

23XX-INTL-2102: Conduct explosive ordnance exploitation

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL:** 12 months

DESCRIPTION: Explosive Ordnance Exploitation includes, but is not limited to, disassembly, stripping, or inerting of conventional and improvised ordnance. Additionally, explosive ordnance exploitation supports force protection, assists in research and development, special programs, provides quality assurance, development of training aids, and supports historical preservation.

MOS PERFORMING: 2305, 2336

GRADES: SGT, SSGT, GYSGT, MSGT, MGYSGT, WO-1, CWO-2, CWO-3, CWO-4, CWO-5, CAPT, MAJ, LTCOL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given an explosive component and/or ordnance item.

STANDARD: To generate a technical report.

PERFORMANCE STEPS:

1. Identify the requirement.
2. Conduct ordnance reconnaissance.

3. Research ordnance item.
4. Develop procedures.
5. Determine required equipment.
6. Identify site.
7. Submit procedures.
8. Prepare equipment.
9. Execute plan.
10. Final disposition.
11. Validate procedures.
12. Complete reports.

REFERENCES:
1. AEODPS 60 Series Automated EOD Publication System
2. MCO 3571.2_ Explosive Ordnance Disposal (EOD) Program
3. NAVSEA OP 5 Vol 1 Ammunition and Explosives/Ashore Safety Regulations of Handling, Storage, Production, Renovation and Shipping

SUPPORT REQUIREMENTS:

RANGE/TRAINING AREA:
Facility Code 17710 Multipurpose Training Range (MPTR)

EQUIPMENT: Family of EOD equipment.

UNITS/PERSONNEL: Corpsman, 8404, 8425, 8427.

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: Ordnance requirement covered by event EOD-OPS-4002: Perform explosive ordnance exploitation.

23XX-OPS-2101: Employ advanced access/disablement techniques

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL:** 12 months

DESCRIPTION: Alarm systems can be utilized as firing systems or as a means of protecting an explosive device. The EOD technician must be familiar with the operation/technologies utilized in locks and alarm system sensors and must have an understanding of how these systems are utilized/wired in order to successfully bypass/defeat the system.

MOS PERFORMING: 2305, 2336

GRADES: SSGT, GYSGT, MSGT, MGYSGT, WO-1, CWO-2, CWO-3, CWO-4, CWO-5, CAPT, MAJ, LTCOL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a target.

STANDARD: To gain access.

PERFORMANCE STEPS:
1. Collect target intelligence.
2. Determine entry point.
3. Defeat locks, when required.
4. Defeat alarms, when required.
5. Defeat sensors, when required.

REFERENCES:
1. AEODPS 60 Series Automated EOD Publication System
2. MCO 3571.2_ Explosive Ordnance Disposal (EOD) Program

SUPPORT REQUIREMENTS:

ROOMS/BUILDINGS: There is a requirement for EOD personnel to receive training on all commercial, industrial, security and military building structures to include locking mechanisms security sensors and alarms. This training must incorporate foreign and domestic standards.

EQUIPMENT: Family of EOD equipment. Assault Breacher Tool Kit, Lock Neutralization Kit, SOF Demolition Kit, Commercial locksmith database, Common EOD tools, and personnel equipment/weapons.

MISCELLANEOUS:

SPECIAL PERSONNEL CERTS: Alarm Defeat Course, Lock-picking Course, Circuit Diagnostic Course, Methods of Entry Course.

23XX-OPS-2102: Operate in confined spaces

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL:** 12 months

DESCRIPTION: A confined space is an area with a limited or restricted means for entry or exit, and is not designed for continuous occupancy (i.e. tanks, vessels, silos, storage bins, hoppers, vaults, pits, manholes, tunnels, equipment housing, ductwork, pipelines, etc¿).

MOS PERFORMING: 2305, 2336

GRADES: SGT, SSGT, GYSGT, MSGT, MGYSGT, WO-1, CWO-2, CWO-3, CWO-4, CWO-5, CAPT, MAJ, LTCOL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a confined space.

STANDARD: To effectively maneuver and perform designated tasks.

PERFORMANCE STEPS:
1. Assess components.
2. Perform operations check on equipment.
3. Conduct monitoring.
4. Determine PPE required.
5. Develop plan.
6. Don PPE, if applicable.
7. Execute mission.

REFERENCES: AEODPS 60 Series Automated EOD Publication System

SUPPORT REQUIREMENTS:

EQUIPMENT: Family of EOD equipment.

OTHER SUPPORT REQUIREMENTS: Tanks, vessels, silos, storage bins, hoppers, vaults, pits, manholes, tunnels, equipment housing, ductwork, or pipelines.

23XX-OPS-2103: Employ protective works

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL:** 12 months

DESCRIPTION: The EOD technician will calculate and emplace appropriate protective works to prevent damage to personnel and property.

MOS PERFORMING: 2305, 2336

GRADES: SSGT, GYSGT, MSGT, MGYSGT, WO-1, CWO-2, CWO-3, CWO-4, CWO-5, CAPT, MAJ, LTCOL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given an explosive threat.

STANDARD: To reduce the effects of blast and fragmentation to acceptable levels.

PERFORMANCE STEPS:
1. Evaluate explosive threat.
2. Calculate appropriate protective works.
3. Obtain required materials.
4. Construct protective works.

REFERENCES:
1. AEODPS 60 Series Automated EOD Publication System
2. MCO 3571.2_ Explosive Ordnance Disposal (EOD) Program
3. MCO 8020.10 Marine Corps Explosives Safety Management Program

SUPPORT REQUIREMENTS:

EQUIPMENT: Family of EOD equipment, Heavy Equipment, as required.

MATERIAL: CLASS IV.

23XX-PARA-2101: Conduct a low level static line jump

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL:** 3 months

DESCRIPTION: This task applies to all EOD Officers and Technicians with NMOS 8023.

MOS PERFORMING: 2305, 2336

GRADES: SGT, SSGT, GYSGT, MSGT, MGYSGT, WO-1, CWO-2, CWO-3, CWO-4, CWO-5, CAPT, MAJ, LTCOL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given an aircraft, a low level static line parachute, and combat equipment.

STANDARD: Landing safely on the designated drop zone with all equipment intact.

PERFORMANCE STEPS:
1. Prepare individual combat equipment for parachute operations.
2. Receive the jump brief.
3. Perform pre-jump training.
4. Don equipment.
5. Receive jump master personnel inspections.
6. Board aircraft.
7. Maintain control of static line.
8. React to jump commands
9. Execute in-flight emergency procedures as required.
10. Execute prescribe exit (Ramp or door).
11. Execute post opening procedures.
12. Execute post opening emergency procedures as required.
13. Prepare to land.
14. Execute landing procedures.
15. Execute post landing procedures.
16. Conduct actions on the objective.

REFERENCES:
1. MCO 3120.11A Marine Corps Parachuting Policy and Program Administration
2. MCRP 3-10.1 Static Line Parachuting Techniques and Training

SUPPORT REQUIREMENTS:

RANGE/TRAINING AREA:
Facility Code 17440 Personnel/Equipment Drop Zone
Facility Code 17911 Air Transport Mockup
Facility Code 17912 Parachute Landing Fall Platform
Facility Code 17913 Suspended Harness Mockup
Facility Code 17914 Mockup Jump Tower

EQUIPMENT: Family of EOD equipment, and parachuting equipment assets.

UNITS/PERSONNEL: Corpsman, 8404, 8425, 8427, parachuting jump master.

23XX-PARA-2102: Conduct airborne operations in a double bag static-line configuration

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL:** 3 months

DESCRIPTION: This task applies to all EOD Officers and Technicians with N MOS 8023.

MOS PERFORMING: 2305, 2336

GRADES: SGT, SSGT, GYSGT, MSGT, MGYSGT, WO-1, CWO-2, CWO-3, CWO-4, CWO-5, CAPT, MAJ, LTCOL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a high altitude high opening (HAHO) mission, a multi-mission parachute system, aircraft, and equipment.

STANDARD: Exiting the aircraft in a seated position presenting the pack tray to the relative wind and landing safely on the ground.

PERFORMANCE STEPS:
1. Prepare individual equipment.
2. Receive the jump brief.
3. Perform pre-jump training.
4. Don equipment.
5. Receive jump master personnel inspections.
6. Board aircraft.
7. React to jump commands.
8. Execute in-flight emergency procedures as required.
9. Execute exit emergency procedures, as required.
10. Execute post opening procedures.
11. Execute post opening emergency procedures as required.
12. Establish flight pattern.
13. Establish landing pattern.
14. Execute landing procedures.
15. Conduct emergency landing procedures, as required.
16. Execute post landing procedures.
17. Conduct link up procedures.
18. Pack MMPS.

REFERENCES:
1. MCO 3120.11A Marine Corps Parachuting Policy and Program Administration
2. MCWP 3-15.7 STATIC LINE PARACHUTING TECHNIQUES AND TRAINING

SUPPORT REQUIREMENTS:

RANGE/TRAINING AREA:
Facility Code 17440 Personnel/Equipment Drop Zone
Facility Code 17911 Air Transport Mockup
Facility Code 17912 Parachute Landing Fall Platform
Facility Code 17913 Suspended Harness Mockup
Facility Code 17914 Mockup Jump Tower

EQUIPMENT: Family of EOD equipment.

UNITS/PERSONNEL: Corpsman, 8404, 8425, 8427.

23XX-RSP-2101: Remove lodged projectile

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL:** 12 months

MOS PERFORMING: 2305, 2336

GRADES: SGT, SSGT, GYSGT, MSGT, MGYSGT, WO-1, CWO-2, CWO-3, CWO-4, CWO-5, CAPT, MAJ, LTCOL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a weapon system and lodged projectile.

STANDARD: To clear explosive ordnance.

PERFORMANCE STEPS:
1. Validate requirement for EOD support.
2. Positively ascertain the type of ammunition and fuzing.
3. Determine safeties.
4. Determine blast/fragmentation distances.
5. Perform procedure.
6. Validate procedures.
7. Dispose of projectile.
8. Submit report MARDET NSWC INHDTD.

REFERENCES: AEODPS 60 Series Automated EOD Publication System

SUPPORT REQUIREMENTS:

ORDNANCE: DA54 replaces D529

DODIC	QUANTITY
B546 Cartridge, 40mm HEDP M433	1 Per per Marine
B643 Cartridge, 60mm High Explosive M888	1 Per per Marine
C869 Cartridge, 81mm HE M889/M889A1 with	1 Per per Marine
DA54 Projectile, 155mm HE (IMX-101) w/Sup	2 Per per Marine
M023 Charge, Demolition Block M112 1-1/4	1 Per per Marine
M130 Cap, Blasting Electric M6	2 Per per Marine
M174 Cartridge, Caliber .50 Impulse Elect	1 Per per Marine
M456 Cord, Detonating PETN Type I Class E	1 FT per Marine

RANGE/TRAINING AREA:
Facility Code 17430 Impact Area Dudded
Facility Code 17431 Impact Area Non-Dudded
Facility Code 17670 Mortar Range
Facility Code 17671 Field Artillery Indirect Fire Range
Facility Code 17820 Engineer Qualification Range, Non-Standardized
Facility Code 17821 Engineer Qualification Range, Automated/Standardiz
Facility Code 17830 Light Demolition Range

EQUIPMENT: Family of EOD equipment, M198/M777 Howitzer gun system, M224 60mm & M252 81mm Mortar systems and Mk19 Automatic Grenade Launcher.

MATERIAL: Tape and water, or petroleum based sealant.

OTHER SUPPORT REQUIREMENTS: If available, Foreign weapons.

23XX-RSP-2102: Perform low order techniques

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL:** 12 months

MOS PERFORMING: 2305, 2336

GRADES: SSGT, GYSGT, MSGT, MGYSGT, WO-1, CWO-2, CWO-3, CWO-4, CWO-5, CAPT, MAJ, LTCOL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given an ordnance item and demolition material.

STANDARD: To prevent high-order detonation of ordnance.

PERFORMANCE STEPS:
1. Identify ordnance.
2. Select technique.
3. Perform technique.
4. Verify results.

REFERENCES: AEODPS 60 Series Automated EOD Publication System

SUPPORT REQUIREMENTS:

ORDNANCE:

DODIC	QUANTITY
G900 Grenade, Hand Incendiary Thermite AN	6 Per per Marine
M023 Charge, Demolition Block M112 1-1/4	1 Per per Marine
M130 Cap, Blasting Electric M6	10 Per per Marine
M131 Cap, Blasting Non-Electric M7	2 Per per Marine
M474 Container, Demolition Charge MK1 Mod	1 Per per Marine
M475 Container, Demolition Charge MK2 Mod	1 Per per Marine
M476 Container, Demolition Charge MK3 Mod	1 Per per Marine
M477 Container, Demolition Charge MK7 Mod	1 Per per Marine
M478 Container, Demolition Charge MK7 Mod	1 Per per Marine
M479 Container, Demolition Charge MK7 Mod	1 Per per Marine
M480 Container, Demolition Charge MK7 Mod	1 Per per Marine
M481 Container, Demolition Charge MK7 Mod	1 Per per Marine
M482 Container, Demolition Charge MK7 Mod	1 Per per Marine
M483 Container, Demolition Charge MK7 Mod	1 Per per Marine
M484 Container, Demolition Charge MK7 Mod	1 Per per Marine
M670 Fuse, Blasting Time M700	25 Per per Marine
M980 Charge, Demolition Sheet 0.0831 Inch	1 FT per Marine
M981 Charge, Demolition Sheet 0.125 Inch	1 FT per Marine
M982 Charge, Demolition Sheet 0.166 Inch	1 FT per Marine
M986 Charge, Demolition Sheet 0.333 Inch	1 FT per Marine
ML04 Cutter, High Explosive MK23 Mod 0	1 Per per Marine
ML05 Cutter, High Explosive MK24 Mod 0	1 Per per Marine
MN08 Igniter, Time Blasting Fuse with Sho	3 Per per Marine

RANGE/TRAINING AREA:
Facility Code 17430 Impact Area Dudded
Facility Code 17650 Field Artillery Direct Fire Range
Facility Code 17670 Mortar Range
Facility Code 17671 Field Artillery Indirect Fire Range
Facility Code 17820 Engineer Qualification Range, Non-Standardized
Facility Code 17821 Engineer Qualification Range, Automated/Standardiz
Facility Code 17830 Light Demolition Range

EQUIPMENT: Family of EOD equipment.

UNITS/PERSONNEL: Corpsman, 8404, 8425, 8427.

23XX-RSP-2103: Download explosive ordnance

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL:** 12 months

DESCRIPTION: This event includes both U.S. and foreign systems. Disposition outcomes for this event include the reuse, intelligence gathering and disablement of the weapon system and associated ordnance. There are numerous explosive components that can be encountered in the conduct of this event as follows: indirect/direct fire weapons, artillery, LAV, tanks aviation, and AAV/EFV. This also includes foreign systems.

MOS PERFORMING: 2305, 2336

GRADES: SSGT, GYSGT, MSGT, MGYSGT, WO-1, CWO-2, CWO-3, CWO-4, CWO-5, CAPT, MAJ, LTCOL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a loaded weapon system.

STANDARD: To clear the weapon system.

PERFORMANCE STEPS:
1. Identify weapons system.
2. Identify ordnance.
3. Identify safeties.
4. Determine equipment.
5. Develop a plan.
6. Execute procedures.
7. Verify results.
8. Seek disposition.

REFERENCES: AEODPS 60 Series Automated EOD Publication System

SUPPORT REQUIREMENTS:

RANGE/TRAINING AREA:
Facility Code 17830 Light Demolition Range

EQUIPMENT: Family of EOD equipment, U.S. and Foreign weapon systems.

UNITS/PERSONNEL: Corpsman, 8404, 8425, 8427.

23XX-RSP-2104: Conduct EOD procedures on homemade energetic materials

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL:** 24 months

DESCRIPTION: The mixing and detonating includes but is not limited to the following: homemade explosive categories: peroxides, chlorates, nitrates, fuel oxidizer mixtures, azides/fulminates, and nitroamines.

MOS PERFORMING: 2305, 2336

GRADES: SGT, SSGT, GYSGT, MSGT, MGYSGT, WO-1, CWO-2, CWO-3, CWO-4, CWO-5, CAPT, MAJ, LTCOL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a controlled laboratory.

STANDARD: To identify precursors, final products, and mitigate the hazards.

PERFORMANCE STEPS:
1. Identify explosive and chemical components.
2. Identify precursors, product, processes, and post blast residue.
3. Select HME PPE.
4. Execute safety procedures.
5. Employ detection equipment.
6. Conduct energetic material/precursor handling techniques.
7. Conduct field detection techniques.
8. Manufacture primary/secondary materials.
9. Manufacture improvised initiators, when required.
10. Perform field susceptibility.
11. Perform energetic material sampling, desensitization, collection, and categorization.
12. Conduct sampling from a post blast.
13. Execute disposition of explosive hazards/waste chemicals.

REFERENCES: AEODPS 60 Series Automated EOD Publication System

SUPPORT REQUIREMENTS:

RANGE/TRAINING AREA:
Facility Code 17830 Light Demolition Range

EQUIPMENT: Family of EOD equipment., Chemical precursors, Hazardous Materials Storage Containers, synthesis/mixing equipment, desensitizing chemicals, emergency wash stations, ice source, generators, water source, lighting, tents, tables with non-conductive surfaces, electrical grounding equipment, witness plates, scales, thermometers, ESD bags and containers.

MATERIAL:
Energetic materials that could be synthesized and/or categorized:
1. Monomolecular Peroxides
-Triacetone Triperoxide (TATP)
-hexamethylenetriperoxidediamaine (HMTD)

-Methyl Ethyl Ketone Peroxide (MEKP)
2. Azides/Fulminates
-Lead Azide
-Mercury Fulminate
3. Nitrate Esters
-Nitroglycerine
-Erythritol Tetranitrate (ETN)
-Ethylene Glycol Dinitrate (EGDN)
-Propylene Glycol Dinitrate (PGDN)
-Methyl Nitrate
-Nitro Cellulose
-Pentaerythritol Tetranitrate (PETN)
-Mannitol Hexanitrate
-Sorbitol Hexanitrate
4. Nitroamines and relates substances
-Cyclotrimethylenetrinitramine (RDX)
-Cyclotrimethylenetrinitrosamine (R-Salt)
-Urea Nitrate
5. Aromatic Nitro Compounds
-Picric Acid
6. Fuel Oxidizer mixtures.
-Ammonium Nitrate and fuel mixes
-Chlorate and fuel mixes
-Perchlorate and fuel mixes
-Hydrogen Peroxide and fuel mixes
-Metal and Oxide mixes (thermites)
-Nitromethane explosives and sensitizers

UNITS/PERSONNEL: Corpsman, 8404, 8425, 8427.

23XX-RSP-2105: Conduct standoff munitions disruption

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL:** 12 months

MOS PERFORMING: 2305, 2336

GRADES: SGT, SSGT, GYSGT, MSGT, MGYSGT, WO-1, CWO-2, CWO-3, CWO-4, CWO-5, CAPT, MAJ, LTCOL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a mission.

STANDARD: To disrupt explosive ordnance.

PERFORMANCE STEPS:
1. Identify ordnance.
2. Select appropriate weapon system.
3. Verify BZO of weapon system.
4. Determine safe area.
5. Evaluate environmental conditions.
6. Adjust for environmental conditions.
7. Employ weapon system.
8. Update weapon system data book.
9. Verify results.

REFERENCES:
1. AEODPS 60 Series Automated EOD Publication System
2. MCO 3574.2_ Marine Corps Combat Marksmanship Program
3. TM 11110A-01 LONG RANGE SNIPER RIFLE M107
4. TM 11110A-OR Long Range Sniper Rifle (LRSR), USMC Special Application Scoped Rifle (SASR) Caliber .50, M107
5. TM 11110A-OR/A Operator's Manual for Long Range Sniper Rifle (LRSR)
6. TM 11920A-OR M110 MK11MOD2 SASS

SUPPORT REQUIREMENTS:

ORDNANCE:

DODIC	QUANTITY
A552 Cartridge, Caliber .50 Ball, Ctn F/M	10 Per per Marine
A606 Cartridge, Caliber .50 API MK211 Mod	10 Per per Marine
AA03 Cartridge, 7.62mm AP M993 Single Rou	10 rounds per Marine
AA11 Cartridge, 7.62mm Long Range M118 LR	40 Per per Marine
D502 Projectile, 155mm ADAM-S M731	1 projectiles per Section
D509 Projectile, 155mm Anti-Tank RAAM-S M	1 projectiles per Section
D864 Proj, 155mm ER DPICM M864	1 projectiles per Section

RANGE/TRAINING AREA:
Facility Code 17430 Impact Area Dudded
Facility Code 17431 Impact Area Non-Dudded
Facility Code 17560 Sniper Field-Fire Range
Facility Code 17970 Radar-Bomb-Scoring Facility

EQUIPMENT: Family of EOD equipment, M110 SASS, and M107, SASR.

UNITS/PERSONNEL: Corpsman, 8404, 8425, 8427.

23XX-RSP-2106: Employ volumetric charges

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL:** 12 months

BILLETS: EOD Technician

GRADES: SGT, SSGT, GYSGT, MSGT, MGYSGT, WO-1, CWO-2, CWO-3, CWO-4, CWO-5, CAPT, MAJ, LTCOL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a target.

STANDARD: To disrupt target function.

PERFORMANCE STEPS:
1. Identify the characteristics of target.
2. Determine type of disruption charge required.
3. Construct charge.
4. Determine emplacement method.
5. Attach firing system.
6. Emplace charge.

7. Initiate firing system.
8. Verify results.

REFERENCES:
1. AEODPS 60 Series Automated EOD Publication System
2. NAVSEA OP 5 Vol 1 Ammunition and Explosives/Ashore Safety Regulations of Handling, Storage, Production, Renovation and Shipping

SUPPORT REQUIREMENTS:

ORDNANCE:

DODIC	QUANTITY
DWEI Pyrotechnic Initiator MK34 Mod 0	1000 Per per Marine
M023 Charge, Demolition Block M112 1-1/4	3 Per per Marine
M130 Cap, Blasting Electric M6	3 Per per Marine
M131 Cap, Blasting Non-Electric M7	6 Per per Marine
M456 Cord, Detonating PETN Type I Class E	20 FT per Marine
M670 Fuse, Blasting Time M700	12 FT per Marine
M980 Charge, Demolition Sheet 0.0831 Inch	2 FT per Marine
M981 Charge, Demolition Sheet 0.125 Inch	2 FT per Marine
MN08 Igniter, Time Blasting Fuse with Sho	10 Per per Marine
MN88 Cap, Blasting, Non-Electric, M21 w/	5 Per per Marine
MN90 Cap, Blasting, Non-Electric, M23 w/	5 Per per Marine

RANGE/TRAINING AREA:
Facility Code 17430 Impact Area Dudded
Facility Code 17431 Impact Area Non-Dudded
Facility Code 17820 Engineer Qualification Range, Non-Standardized
Facility Code 17830 Light Demolition Range

EQUIPMENT: Family of EOD equipment.

MATERIAL: Units to open purchase Hydrojets, Large and Small Mineral Water Bottles, Boot Bangers, Slim Jims, and Head Shots as referenced in the EOD 60 Series Publications.

UNITS/PERSONNEL: Corpsman, 8404, 8425, 8427.

23XX-TOOL-2101: Conduct vehicle entry techniques

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL:** 12 months

MOS PERFORMING: 2305, 2336

GRADES: SGT, SSGT, GYSGT, MSGT, MGYSGT, WO-1, CWO-2, CWO-3, CWO-4, CWO-5, CAPT, MAJ, LTCOL

INITIAL TRAINING SETTING: MOJT

CONDITION: Given a vehicle.

STANDARD: To gain access.

PERFORMANCE STEPS:

1. Identify target.
2. Develop course of action.
3. Determine required equipment/material.
4. Determine appropriate Class V (W) requirement.
5. Employ procedure(s).
6. Verify results.

REFERENCES: AEODPS 60 Series Automated EOD Publication System

SUPPORT REQUIREMENTS:

ORDNANCE:

DODIC	QUANTITY
DWEI Pyrotechnic Initiator MK34 Mod 0	1000 FT per Marine
M023 Charge, Demolition Block M112 1-1/4	1 Per per Marine
M130 Cap, Blasting Electric M6	5 Per per Marine
M456 Cord, Detonating PETN Type I Class E	50 FT per Marine
M981 Charge, Demolition Sheet 0.125 Inch	4 FT per Marine
MN08 Igniter, Time Blasting Fuse with Sho	5 Per per Marine
MN90 Cap, Blasting, Non-Electric, M23 w/	1 Per per Marine

RANGE/TRAINING AREA:
Facility Code 17430 Impact Area Dudded
Facility Code 17431 Impact Area Non-Dudded
Facility Code 17830 Light Demolition Range

EQUIPMENT: Family of EOD equipment.

MATERIAL: Unit purchased Hydrojets, Mineral Water Bottles, Boot Bangers, Slim Jims, and Head Shot.

UNITS/PERSONNEL: Corpsman, 8404, 8425, 8427.

EOD TRAINING AND READINESS MANUAL

CHAPTER 5

MOS 2305 INDIVIDUAL EVENTS

EOD TRAINING AND READINESS MANUAL

CHAPTER 5

MOS 2305 INDIVIDUAL EVENTS

5000. PURPOSE. This chapter details the individual events that pertain to Explosive Ordnance Disposal Officers. Each individual event provides an event title, along with the conditions events will be performed under, and the standard to which the event must be performed to be successful.

5001. EVENT CODING. Events in this T&R Manual are depicted with an up to 12-character, 3-field alphanumeric system, i.e. XXXX-XXXX-XXXX. This chapter utilizes the following methodology:

a. Field one. This field represents the community. This chapter contains the following community codes:

Code	Description
2305	Explosive Ordnance Disposal Officer

b. Field two. This field represents the functional/duty area. This chapter contains the following functional/duty areas:

Code	Description
ADMN	Administrative
INTL	Intelligence
OPS	Operations

c. Field three. This field provides the level at which the event is accomplished and numerical sequencing of events. This chapter contains the following event levels:

Code	Description
2000	Core Plus Skills

5002. INDEX OF INDIVIDUAL EVENTS

Event Code	E-Coded	Event
2305-ADMN-2001		Analyze reporting for dissemination
2305-ADMN-2002		Direct unit administrative readiness
2305-ADMN-2003		Direct Explosive Ordnance Disposal personnel
2305-ADMN-2004		Direct EOD training program
2305-ADMN-2005		Support an explosive mishap investigation
2305-ADMN-2006		Direct Equipment Readiness
2305-OPS-2001		Direct operations
2305-OPS-2002		Perform duties as an EOD planner

5003. 2000-LEVEL EVENTS

2305-ADMN-2001: Analyze reporting for dissemination

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL**: 12 months

DESCRIPTION: Analyzing reporting includes but is not limited to data mining both EOD reports and other intelligence source reports, and distributing fused information both vertically and horizontally across the range of military operations placing the information in context and relating it to planned or ongoing operations.

MOS PERFORMING: 2305

GRADES: WO-1, CWO-2, CWO-3, CWO-4, CWO-5, CAPT, MAJ, LTCOL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given multi-disciplined reporting.

STANDARD: To give Commanders, their staffs, and EOD Marines fused intelligence information and facilitate information flow across the range of military operations.

PERFORMANCE STEPS:
1. Identify information requirements.
2. Collate pertinent information from Multi-Disciplined reports.
3. Generate fused information product
4. Disseminate information.

REFERENCES:
1. 03-024.3 Explosive Ordnance Disposal (EOD) Non-Nuclear Security Classification Guide
2. JP 3-42 Joint Explosive Ordnance Disposal
3. MCO 3571.2_ Explosive Ordnance Disposal (EOD) Program
4. MCO 8027.1 Interservice Responsibilities for Explosive Ordnance Disposal
5. MCRP 10-10D.2 MTTPS FOR EXPLOSIVE ORDNANCE DISPOSAL (EOD)

SUPPORT REQUIREMENTS:

EQUIPMENT: Family of EOD equipment with access to a SIPR connection.

2305-ADMN-2002: Direct unit administrative readiness

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL**: 12 months

DESCRIPTION: This event focuses on all administrative function within the EOD unit. Ensuring administrative readiness will ensure the unit is able to quickly and readily deploy.

MOS PERFORMING: 2305

GRADES: WO-1, CWO-2, CWO-3, CWO-4, CWO-5, CAPT, MAJ

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a unit.

STANDARD: To ensure administrative readiness enabling support across the range of military operations.

PERFORMANCE STEPS:
1. Inspect unit's functional areas.
2. Inspect units historical files.
3. Identify deficiencies.
4. Implement corrective action plan.
5. Verify results.

REFERENCES:
1. MCO 1000.6_ Assignment, Classification and Travel Systems Manual (ACTSMAN)
2. MCO 3571.2_ Explosive Ordnance Disposal (EOD) Program
3. MCO 8027.1 Interservice Responsibilities for Explosive Ordnance Disposal
4. MCO P1610.7_ Performance Evaluation System (PES)
5. MCTP 10-10D MAGTF Explosive Ordnance Disposal
6. NAVMC DIR 5210.11_ Marine Corps Records Management Program
7. SECNAVINST 5210.1 Department of the Navy Records Management Manual
8. SECNAVINST 5210.11_ Department of the Navy File Maintenance Procedures and Standard Subject Identification Codes
9. SECNAVINST 5211.5 Department of the Navy (DON) Privacy Program

SUPPORT REQUIREMENTS:

EQUIPMENT: Family of EOD Equipment

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: This event encompasses the utilization of but not limited to the following items: IMS Report Gathering, BIC, FSMAO, turnover/desktop binders, Functional Area Checklist 3571, Corrective action plan, MOU/MOA, HDIP, Qual/Cert program, Record Keeping NAVMC 11362, Process/Record Keeping of NAVMC 11361, Table of Organization, access rosters, physical security inspection, VIPPSA availability reporting, VIPPSA Inventory, VIPPSA tasking, Civilian Clothing allowance process, badge progression paperwork (i.e. page 11), explosive safety inspection, historical records, demil records, DRRS administrative.

2305-ADMN-2003: Direct Explosive Ordnance Disposal personnel

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL:** 12 months

DESCRIPTION: This event encompasses the effective direction of qualified EOD personnel, both administratively and professionally.

MOS PERFORMING: 2305

GRADES: WO-1, CWO-2, CWO-3, CWO-4, CWO-5, CAPT, MAJ

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a unit.

STANDARD: To ensure personnel qualification and readiness.

PERFORMANCE STEPS:
1. Determine billet functions and assignments.
2. Develop a counseling/mentorship program.
3. Evaluate personnel.
4. Develop career progression program.
5. Conduct annual screening and qualification program.
6. Endorse EOD Lateral Move screenings.
7. Conduct removal/suspension of personnel from MOS 2305/2336.

REFERENCES:
1. MCO 1200.17_ Military Occupational Specialties (MOS) Marine Corps Manual (MOS Manual)
2. MCO 3571.2_ Explosive Ordnance Disposal (EOD) Program
3. MCO 8027.1 Interservice Responsibilities for Explosive Ordnance Disposal
4. MCO P1610.7_ Performance Evaluation System (PES)
5. MCRP 10-10D.2 MTTPS FOR EXPLOSIVE ORDNANCE DISPOSAL (EOD)
6. MCTP 10-10D MAGTF Explosive Ordnance Disposal
7. NAVMED P-117 Manual of the Medical Department

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: Annual Screening NAVMC 11362, Lateral Move NAVMC 11361, appointment letters, explosive driver's license, EOD deployment page, Security Clearance, Civilian clothing, Allowance, Family Care Plans, Official Passport.

2305-ADMN-2004: Direct EOD training program

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL:** 12 months

DESCRIPTION: This event encompasses all training required for an EOD unit.

MOS PERFORMING: 2305

GRADES: WO-1, CWO-2, CWO-3, CWO-4, CWO-5, CAPT, MAJ

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a unit.

STANDARD: To ensure unit readiness.

PERFORMANCE STEPS:
1. Assess EOD unit readiness.
2. Develop annual training guidance.
3. Approve training plan.
4. Evaluate training effectiveness.
5. Adjust training plan (as required).

REFERENCES:
1. MCBUL 1500 Annual Training and Education Requirements
2. MCO 1553.3_ Unit Training Management (UTM)
3. MCO 3571.2_ Explosive Ordnance Disposal (EOD) Program

4. MCO 8027.1 Interservice Responsibilities for Explosive Ordnance Disposal
5. MCRP 10-10D.2 MTTPS FOR EXPLOSIVE ORDNANCE DISPOSAL (EOD)
6. MCRP 3-17.2 Multiservice Procedures for Explosive Ordnance Disposal (NTTP) in a Joint Environment
7. MCTIMS USER'S MANUAL Marine Corps Training Information Management System (MCTIMS) User's Manual.
8. MCTP 8-10A Unit Training Management Guide
9. T/O&E Table of Organization and Equipment

SUPPORT REQUIREMENTS:

EQUIPMENT: Family of EOD equipment.

OTHER SUPPORT REQUIREMENTS: MCTIMS, TFSMS

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: This event encompasses the utilization of but not limited to the following items: letters of instruction, budget prioritization and approval, operations order review and approval, administrative reporting, DRRS, MCTIMS, MCCLL.

2305-ADMN-2005: Support an explosive mishap investigation

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL:** 12 months

MOS PERFORMING: 2305

GRADES: WO-1, CWO-2, CWO-3, CWO-4, CWO-5, CAPT, MAJ, LTCOL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given an explosive incident.

STANDARD: To analyze, document, and report findings related to the accident or incident involving explosive ordnance as a result of unintentional detonation.

PERFORMANCE STEPS:
1. Gather accident documentation.
2. Conduct interviews.
3. Compile report.
4. Submit report.

REFERENCES:
1. AEODPS 60 Series Automated EOD Publication System
2. DOD 6055.09-M Volumes 1 through 9 Department of Defense Ammunition and Explosives Safety Standards
3. JAGINST 5800.7_ Manual of the Judge Advocate General (JAGMAN)
4. OPNAVINST 5102.1_ Mishap Investigation & Reporting

2305-ADMN-2006: Direct Equipment Readiness

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL**: 12 months

DESCRIPTION: This event encompasses the accountability and readiness of Marine Corps equipment held by the EOD unit.

MOS PERFORMING: 2305

GRADES: WO-1, CWO-2, CWO-3, CWO-4, CWO-5, CAPT, MAJ, LTCOL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given equipment to complete a mission.

STANDARD: To ensure equipment accountability, readiness and proper documentation.

PERFORMANCE STEPS:
1. Account for equipment assets.
2. Document discrepancies.
3. Identify shortfalls.
4. Requisition, as required.
5. Verify Consolidate Memorandum Receipt.

REFERENCES:
1. GCSS-MC Guide Global Combat Support System-Marine Corps Guide
2. MCO 3571.2_ Explosive Ordnance Disposal (EOD) Program
3. MCO 4400.150_ Consumer Level Supply Policy
4. MCO 4400.201 Management of Property In the Possession of the Marine Corps

---

2305-OPS-2001: Direct operations

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL**: 12 months

DESCRIPTION: This event entails the integration of EOD functions, directing support and the assignment of personnel.

MOS PERFORMING: 2305

GRADES: CAPT, MAJ, LTCOL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a mission.

STANDARD: To ensure integration and provide support across the range of military operations.

PERFORMANCE STEPS:
1. Conduct mission analysis.
2. Determine mission requirements.
3. Identify shortfalls.
4. Oversee logistical requirements/capabilities.
5. Task organize EOD resources.

6. Validate support and response SOPs.
7. Integrate EOD assessments and planning considerations.
8. Develop mission planning.
9. Advise higher/adjacent/supporting units.
10. Coordinate liaison with internal/external agencies.

REFERENCES:
1. Military Munitions Rule
2. FM 4-30.1 Munitions Distribution in the Theater of Operations
3. MCO 3000.18_ Marine Corps Force Deployment Planning and Execution (FDP&E) Manual
4. MCO 3120.9C MEU Policy Order
5. MCO 3571.2_ Explosive Ordnance Disposal (EOD) Program
6. MCRP 5-1 Marine Corps Planning Process
7. MCWP 5-10 Marine Corps Planning Process
8. Op Order Annex C Appendix 13

SUPPORT REQUIREMENTS:

EQUIPMENT: Family of EOD equipment.

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: Directing EOD operations include, but are not limited to: Marine Corps Planning Process (MCPP), EOD confirmation brief, tasking EOD forces, underwriting the operational or installation order for full spectrum EOD employment, setting up resupply procedures, ensuring evidence evacuation procedures are in place, and oversight of EOD functional areas.

2305-OPS-2002: Perform duties as an EOD planner

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL:** 12 months

DESCRIPTION: EOD Planners in a command/staff billet are responsible for, but not limited to: deliberate planning, staff planning, R2P2, crisis action planning, Marine Corps Planning Process (MCPP), EOD confirmation and capabilities brief, providing EOD forces, conducting Joint Planning Process, support to bureau/boards/cells/centers and working group (B2C2WG), conduct force sustainment/rotational requirements, develop EOD doctrine, compose Annex to MAGTF plan, coordinate request for forces/capabilities, and coordinate individual augmentation.

MOS PERFORMING: 2305

GRADES: CAPT, MAJ, LTCOL

INITIAL TRAINING SETTING: MOJT

CONDITION: Given a mission.

STANDARD: To facilitate EOD support to the DoD, MAGTF, DHS, and supporting establishments.

PERFORMANCE STEPS:

1. Determine mission requirements.
2. Validate resource requirements.
3. Determine resource capacity and capability.
4. Identify shortfalls.
5. Coordinate logistical requirements/capabilities.
6. Set conditions for task organization.
7. Direct reporting requirements.
8. Coordinate EOD activities.
9. Assess EOD procedural effectiveness.
10. Advise commander(s).
11. Develop mission planning.
12. Advise higher/adjacent units.
13. Conduct liaison with internal/external agencies.

REFERENCES:

1. Military Munitions Rule
2. AEODPS 60 Series Automated EOD Publication System
3. MCO 3571.2_ Explosive Ordnance Disposal (EOD) Program
4. Op Order Annex C Appendix 13

SUPPORT REQUIREMENTS:

EQUIPMENT: Family of EOD equipment with access to a SIPR connection.

UNITS/PERSONNEL: Corpsman, 8404, 8425, 8427.

EOD TRAINING AND READINESS MANUAL

CHAPTER 6

MOS 2336 INDIVIDUAL EVENTS

EOD TRAINING AND READINESS MANUAL

CHAPTER 6

MOS 2336 INDIVIDUAL EVENTS

6000. PURPOSE. This chapter identifies supervisor and management events that pertain to Explosive Ordnance Disposal Technicians. Each individual event provides an event title, along with the conditions events will be performed under, and the standard to which the event must be performed to be successful.

6001. EVENT CODING

Events in this T&R Manual are depicted with an up to 12-character, 3-field alphanumeric system, i.e. XXXX-XXXX-XXXX. This chapter utilizes the following methodology

a. Field one. This field represents the community. This chapter contains the following community codes:

Code	Description
2336	Explosive Ordnance Technician

b. Field two. This field represents the functional/duty area. This chapter contains the following functional/duty areas:

Code	Description
ADMN	Administrative
OPS	Operations
TRNG	Training

c. Field three. This field provides the level at which the event is accomplished and numerical sequencing of events. This chapter contains the following event levels:

Code	Description
2100	Supervisor
2200	Management

6002. INDEX OF INDIVIDUAL EVENTS

Event Code	**Event**
2000 Level Events	
2336-ADMN-2101	Supervise Class V
2336-ADMN-2201	Manage Class V
2336-ADMN-2202	Manage EOD reporting
2336-ADMN-2203	Manage personnel administrative readiness
2336-ADMN-2204	Manage Explosive Ordnance Disposal training program
2336-ADMN-2205	Manage equipment
2336-OPS-2101	Supervise EOD response element
2336-OPS-2201	Manage EOD operations

2336-TRNG-2101	Supervise unit training

6003. SUPERVISOR EVENTS

2336-ADMN-2101: Supervise Class V

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL:** 12 months

DESCRIPTION: This event entails the proper computation, forecasting and requisition of Class V for operations and training to include all associated administrative documentary requirements for the proper accountability and requisition transportation and storage of Class V materials for both garrison and field environments.

MOS PERFORMING: 2336

GRADES: SGT, SSGT, GYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a mission.

STANDARD: To ensure requirement computation, accountability and proper documentation.

PERFORMANCE STEPS:
1. Conduct mission analysis.
2. Request required ammunition.
3. Conduct proper storage, as required.
4. Conduct proper handling.
5. Conduct proper transportation of ammunition, as required.
6. Submit reports.

REFERENCES:
1. MCO 8010.13 Class V(W) Administration and Management Program
2. MCO 8020.10_ Marine Corps Ammunition and Explosives Safety Program
3. NAVSEA OP 4 Ammunition Afloat
4. NAVSEA OP 5, VOL 1 Ammunition and Explosives Ashore Safety Regulations for Handling, Storing, Production, Renovation and Shipping
5. NAVSEA OP 5, VOL 3 Ammunition and Explosives Ashore; Advanced Bases
6. OP 5, Vol 1 Ammunition and Explosives Ashore Safety Regulations for Handling, Storing, Production, Renovation and Shipping

SUPPORT REQUIREMENTS:

EQUIPMENT: Family of EOD equipment.

OTHER SUPPORT REQUIREMENTS: Access to MAKE website, and TAMIS

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: Inclusive of Special Allowance Request, Disposition Requests, Missing Lost Stolen Recovered, Ammunition Malfunction Reporting, Stack Cards, Expenditure Reporting, Explosive Driver Certification, 626 Vehicle Inspection. Notice of Ammunition Reclassification (NAR), Detail Ammunition Report (DAR).

2336-OPS-2101: Supervise EOD response element

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL:** 12 months

DESCRIPTION: A conventional EOD response element will normally consist of three EOD technicians; however, not less than two EOD technicians are required to conduct a response.

MOS PERFORMING: 2336

GRADES: SGT, SSGT, GYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a mission.

STANDARD: To enable mission accomplishment for supported elements.

PERFORMANCE STEPS:
1. Conduct mission analysis.
2. Identify logistical requirements.
3. Obtain equipment.
4. Coordinate with internal/external agencies.
5. Develop employment plan.
6. Task organize personnel.
7. Oversee execution effort.
8. Submit EOD reports.

REFERENCES:
1. AEODPS 60 Series Automated EOD Publication System
2. MCO 3571.2_ Explosive Ordnance Disposal (EOD) Program

SUPPORT REQUIREMENTS:

EQUIPMENT: Family of EOD equipment.

2336-TRNG-2101: Supervise unit training

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL:** 12 months

MOS PERFORMING: 2336

GRADES: SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a unit, required external support, equipment and training plan.

STANDARD: To ensure training tasks are performed to standard.

PERFORMANCE STEPS:
1. Determine the event to train.

2. Determine required resources.
3. Prepare training materials.
4. Conduct the instruction.
5. Evaluate the performance.
6. Complete reports (MCTIMS, EODIMS).

REFERENCES:
1. MCO 1553.10 Marine Corps Training Information Management System (MCTIMS) Standing Operating Procedures (SOP)
2. MCO 3571.2_ Explosive Ordnance Disposal (EOD) Program
3. MCTP 8-10A Unit Training Management Guide
4. MCTP 8-10B How to Conduct Training

SUPPORT REQUIREMENTS:

OTHER SUPPORT REQUIREMENTS: MCTIMS

6004. MANAGEMENT EVENTS

2336-ADMN-2201: Manage Class V

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL**: 12 months

DESCRIPTION: This event entails the proper computation, forecasting and storage management of Class V for operations and training as well as the management of personnel qualifications.

MOS PERFORMING: 2336

GRADES: GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a mission.

STANDARD: To ensure Class V availability, storage and personnel qualification.

PERFORMANCE STEPS:
1. Analyze requirement.
2. Verify requisition of required ammunition.
3. Identify personnel requirements/qualifications related to ammunition.
4. Verify documentation.

REFERENCES:
1. MCO 8010.13 Class V(W) Administration and Management Program
2. MCO 8020.10_ Marine Corps Ammunition and Explosives Safety Program
3. NAVSEA OP 4 Ammunition Afloat

4. NAVSEA OP 5 Vol 3 Ammunition and Explosives Safety Ashore for Contingencies, Combat Operations, Military Operations Other Than War, and Associated Training
5. NAVSEA OP 5, VOL 1 Ammunition and Explosives Ashore Safety Regulations for Handling, Storing, Production, Renovation and Shipping

SUPPORT REQUIREMENTS:

OTHER SUPPORT REQUIREMENTS: TAMIS

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: Inclusive of Detailed Allowance Report, Delegation of Authority, FASP, Worldwide Ammunition Reporting System, NAR/AIN, Explosive Safety Inspection, MMR, Annual Screening.

2336-ADMN-2202: Manage EOD reporting

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL:** 12 months

DESCRIPTION: EOD reporting includes but is not limited to EOD IMS reports, and required theater specific reports.

MOS PERFORMING: 2336

GRADES: GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given reportable events.

STANDARD: To ensure timely submission of all required information.

PERFORMANCE STEPS:
1. Identify reporting requirements.
2. Identify reporting format.
3. Identify reporting chain.
4. Identify report classification.
5. Verify accuracy.
6. Submit report.
7. Confirm receipt.

REFERENCES:
1. 03-024.3 Explosive Ordnance Disposal (EOD) Non-Nuclear Security Classification Guide
2. AEODPS 60 Series Automated EOD Publication System
3. CG-CB-2 Classification Guide for Chemical/Biological Defense Information
4. EOD IMS User Guide
5. MCO 3571.2_ Explosive Ordnance Disposal (EOD) Program

SUPPORT REQUIREMENTS:

EQUIPMENT: Family of EOD equipment.

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: The EOD Manager should at least complete the following reports: EOD IMS Incident Report, EOD IMS VIPPSA Cost Data, COMREP, Storyboard, list is not all inclusive.

2336-ADMN-2203: Manage personnel administrative readiness

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL:** 12 months

DESCRIPTION: This encompasses the management of personnel in the areas of professional development, administrative requirements, and deployment readiness within the construct of the commanders' guidance.

MOS PERFORMING: 2336

GRADES: GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given personnel.

STANDARD: To ensure administrative readiness enabling support across the range of military operations.

PERFORMANCE STEPS:
1. Advise on billet functions and assignments.
2. Monitor and facilitate counseling/mentorship program.
3. Monitor and facilitate career progression program.
4. Monitor and facilitate annual screening and qualification program.
5. Conduct EOD Lateral Move screenings and provide recommendations.
6. Provide input for performance evaluations.

REFERENCES:
1. MCO 3571.2_ Explosive Ordnance Disposal (EOD) Program
2. MCO P1610.7_ Performance Evaluation System (PES)
3. SECNAV M-5210.1_ Department of the Navy Records Management Manual
4. SECNAVINST 5211.5 Department of the Navy (DON) Privacy Program

---

2336-ADMN-2204: Manage Explosive Ordnance Disposal training program

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL:** 12 months

DESCRIPTION: This event encompasses all training required for an EOD section to be qualified to perform all EOD METs.

MOS PERFORMING: 2336

GRADES: GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a unit, personnel, table of organization mission statement, and a training plan.

STANDARD: To ensure unit readiness.

PERFORMANCE STEPS:
1. Assess EOD unit base line skill sets.
2. Implement training plan.
3. Requisition training resources.
4. Evaluate training.
5. Report training results.

REFERENCES:
1. MCBUL 1500 Annual Training and Education Requirements
2. MCO 1553.10 Marine Corps Training Information Management System (MCTIMS) Standing Operating Procedures (SOP)
3. MCO 3571.2_ Explosive Ordnance Disposal (EOD) Program
4. MCTP 8-10A Unit Training Management Guide
5. MCTP 8-10B How to Conduct Training
6. T/O&E Table of Organization and Equipment

SUPPORT REQUIREMENTS:

OTHER SUPPORT REQUIREMENTS: MCTIMS

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: This event encompasses the utilization of but not limited to the following items: letters of instruction, budget prioritization and concurrence, operations order review and approval, administrative reporting, DRRS, MCTIMS Entry, EOD IMS.

2336-ADMN-2205: Manage equipment

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL**: 12 months

MOS PERFORMING: 2336

GRADES: SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given equipment.

STANDARD: To ensure equipment accountability, readiness and proper documentation.

PERFORMANCE STEPS:
1. Account for equipment assets.
2. Document discrepancies.
3. Identify shortfalls.
4. Requisition, as required.
5. Verify Equipment Density List.

REFERENCES:

1. MCO 3000.11_ Ground Equipment Condition and Supply Materiel Readiness Reporting (MRR) Policy
2. MCO 3000.13_ Marine Corps Readiness Reporting Standard Operating Procedures (SOP)
3. MCO 3571.2_ Explosive Ordnance Disposal (EOD) Program
4. MCO 4400.150_ Consumer Level Supply Policy
5. MCO 4400.201 Management of Property In the Possession of the Marine Corps

SUPPORT REQUIREMENTS:

OTHER SUPPORT REQUIREMENTS: GCSS-MC

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: Budgeting based on publications and consumables as required, Calibration Report, CMR, Discrepancy Letter, TAIL, WIR, Modifications, PQDR, PIP, DUNS, UUNS, OPR, Contracting (SOW,SSJ) GPE, Unit Table of Equipment.

2336-OPS-2201: Manage EOD operations

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL:** 12 months

DESCRIPTION: Managing EOD operations include, but are not limited to: Deliberate planning, R2P2, and to provide EOD support to supporting establishments.

MOS PERFORMING: 2336

GRADES: GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a mission, full operations/base order, and tactical SOP.

STANDARD: To fulfill mission requirements as tasked.

PERFORMANCE STEPS:
1. Conduct mission analysis.
2. Determine mission requirements.
3. Confirm resource availability.
4. Coordinate logistical requirements.
5. Develop an estimate of support.
6. Evaluate employment plan.
7. Exercise mission plan.
8. Advise higher/adjacent/supporting units.
9. Manage EOD reports.

REFERENCES:
1. MCO 3571.2_ Explosive Ordnance Disposal (EOD) Program
2. MCRP 10-10D.2 MTTPS FOR EXPLOSIVE ORDNANCE DISPOSAL (EOD)
3. MCTP 10-10D MAGTF Explosive Ordnance Disposal
4. MCWP 5-10 Marine Corps Planning Process (MCPP)
5. MMR Military Munitions Rule

SUPPORT REQUIREMENTS:

EQUIPMENT: Family of EOD Equipment

EOD TRAINING AND READINESS MANUAL

CHAPTER 7

METHODS OF ENTRY EVENTS

EOD TRAINING AND READINESS MANUAL

CHAPTER 7

METHODS OF ENTRY EVENTS

7000. PURPOSE. This chapter details the Method of Entry Supervisor events that pertains to personnel within the EOD community. Each individual event provides an event title, along with the conditions events will be performed under, and the standard to which the event must be performed to be successful.

7001. EVENT CODING. Events in this T&R Manual are depicted with an up to 12-character, 3-field alphanumeric system, i.e. XXXX-XXXX-XXXX. This chapter utilizes the following methodology

a. Field one. This field represents the community. This chapter contains the following community codes:

Code	Description
MOES	Methods of Entry Supervisor

b. Field two. This field represents the functional/duty area. This chapter contains the following functional/duty areas:

Code	Description
ADMN	Administrative
CBRN	Chemical, Biological, Radiological, Nuclear
DEMO	Demolition
IED	Improvised Explosive Device
INTL	Intelligence
MED	Medical
MOES	Methods of Entry Supervisor
RSP	Render Safe Procedures
TOOL	Tool

c. Field three. This field provides the level at which the event is accomplished and numerical sequencing of events. This chapter contains the following event levels:

Code	Description
2000	Core Plus Skills

7002. INDEX OF INDIVIDUAL EVENTS

Event Code	E-Coded	Event
MOE-TECH-2001		Plan a method(s)of entry operation
MOE-TECH-2002		Prepare for a method(s) of entry operation
MOE-TECH-2003		Conduct explosive methods of entry
MOE-TECH-2004		Conduct mechanical methods of entry
MOE-TECH-2005		Conduct ballistic methods of entry
MOE-TECH-2006		Conduct thermal methods of entry

MOE-TECH-2007		Conduct manual methods of entry
MOE-TECH-2008		Conduct explosive methods of entry (NIGHT)
MOE-TECH-2401		Supervise planning of a method(s) of entry operation
MOE-TECH-2402		Supervise preparing for a method(s) of entry operation
MOE-TECH-2403		Conduct advanced methods of entry techniques

7003. METHODS OF ENTRY TECHNICIAN

MOE-TECH-2001: Plan a method(s)of entry operation

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL:** 12 months

DESCRIPTION: Upon receipt of a Warning Order, the MOE Tech is expected to use pertinent intelligence in order to plan for the use of Method(s) of Entry techniques in support of an assigned mission.

MOS PERFORMING: 0307, 0321, 0372, 2305, 2336, 5816, 8071, 8152, 8154

BILLETS: Methods of Entry Technician

GRADES: CPL, SGT, SSGT, GYSGT, MSGT, WO-1, CWO-2, 2NDLT, 1STLT, CAPT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a mission and mission critical intelligence.

STANDARD: To support the scheme of maneuver and satisfy the commander's intent.

PERFORMANCE STEPS:
1. Determine mission requirements.
2. Conduct target analysis.
3. Identify hazards.
4. Determine the method of entry to be used.
5. Determine the tools/equipment/Class V materials required to support Method(s) Of Entry.

REFERENCES:
1. GAET Guidebook for Assault Entry Techniques, Volume I and II
2. MCDP-1 Warfighting
3. MCO 3500.27_ Operational Risk Management (ORM)
4. MCO 3502.3 Marine Expeditionary Unit (Special Operations Capable)
5. MCO 3571.2_ Explosive Ordnance Disposal (EOD) Program
6. MCO 5500.6_ Arming of Security and Law Enforcement (LE) Personnel and the Use of Force
7. MCO 5580.2_ Law Enforcement Manual
8. Methods of Entry Breacher's Log Book
9. SWO 60-AA-MMA-010 Demolition Materials

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: Manual, mechanical and thermal elements of this T&R event may be performed by all personnel under the direct supervision of a current MOE Technician. Marines performing explosive and/or ballistic elements must be current Methods of Entry Technicians.

SPECIAL PERSONNEL CERTS: M02M729: METHODS OF ENTRY "MOEC"

MOE-TECH-2002: Prepare for a method(s) of entry operation

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL:** 12 months

DESCRIPTION: This event encompasses all preparations that must be accomplished in order to complete the assigned mission. The Methods of Entry Technician will be expected to prepare manual, mechanical, ballistic, thermal equipment, explosive charges and priming systems, while identifying required personnel.

MOS PERFORMING: 0307, 0321, 0372, 2305, 2336, 5816, 8071, 8152, 8154

BILLETS: Methods of Entry Technician

GRADES: CPL, SGT, SSGT, GYSGT, MSGT, WO-1, CWO-2, 2NDLT, 1STLT, CAPT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a mission and mission critical intelligence, equipment, Class V(w), and the references.

STANDARD: To ensure the assault team is prepared to execute the mission across the Range Of Military Operations (ROMO).

PERFORMANCE STEPS:
1. Collect tools/equipment/Class V(w) materials (as required).
2. Construct charges (as required).
3. Construct priming systems (as required).
4. Prepare manual equipment (as required).
5. Prepare mechanical equipment (as required).
6. Prepare ballistic equipment (as required).
7. Prepare thermal equipment (as required).
8. Conduct a Method of Entry brief.
9. Conduct rehearsals.
10. Conduct inspections.

REFERENCES:
1. MCO 3500.27 Operational Risk Management
2. Methods of Entry Breacher's Log Book
3. STIHL TS Series Cut off saw operators manual
4. SWO 60-AA-MMA-010 Demolition Materials
5. TCTK - 2006 Tactical Cutting Torch Kits Operating Instructions Manual (July 2006)
6. TM 10003A/07172A/09081A-13&P Remington and Mossberg Shotgun Operators Manual
7. TM 10698A-10/1 M1014A Operators Manual

SUPPORT REQUIREMENTS:

RANGE/TRAINING AREA:
Facility Code 17830 Light Demolition Range

EQUIPMENT: Marine Assault Breacher's Kit (MABK) (NSN: 4240-01-531-1165), Personal Protective Equipment (PPE), Shotgun (Mossberg Model 590, Remington 870, or Benelli 1014), Full Spectrum Battle Equipment (FSBE) TAMCN: C35012E.

MATERIAL: Breacher's Logbook, tape (Rigger's, Electrical, double-sided),Knife, Detonation Cord Connectors, Scientific Calculator, E-Silhouette targets, non-Metallic Prop Stick, Goodyear 330B Rubber, 1000 ml IV bags,550 Cord, spray adhesive, Explosive Transfer Medium (ETM), Breacher's Paste or grease.

UNITS/PERSONNEL: Corpsman 8404, 8425, 8427.

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS:
Class V(w) for this event will be obtained from MOES-TECH-2004 Conduct explosive Methods Of Entry.
Manual, mechanical and thermal elements of this T&R event may be performed by all personnel under the direct supervision of a current MOE Technician. Marines performing explosive and/or ballistic elements must be current Methods of Entry Technicians.

SPECIAL PERSONNEL CERTS: Marines conducting this event must be qualified and certified as a Methods of Entry Breacher. M02M729: METHODS OF ENTRY "MOEC"

MOE-TECH-2003: Conduct explosive methods of entry

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL:** 12 months

DESCRIPTION: This event encompasses the MOE TECH¿s actions in the Last Covered and Concealed (LCC) position, actions on the objective, and actions immediately following conclusion of the assault. The MOE TECH will utilize explosive charges to complete the assigned mission, and will record charge data within the charge report upon mission completion.

MOS PERFORMING: 0307, 0321, 0372, 2305, 2336, 5816, 8071, 8152, 8154

BILLETS: Methods of Entry Technician

GRADES: CPL, SGT, SSGT, GYSGT, MSGT, WO-1, CWO-2, 2NDLT, 1STLT, CAPT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a mission, mission critical intelligence, target and charge.

STANDARD: To allow unobstructed entry of the assault team across the Range Of Military Operations (ROMO) while minimizing collateral damage and hazards to personnel.

PERFORMANCE STEPS:
1. Prepare to employ a charge.
2. Employ a charge.
3. Conduct post-assault actions.

REFERENCES:
1. FM 5-250 Explosives and Demolitions
2. GAET Guidebook for Assault Entry Techniques, Volume I and II
3. MCO 3500.27_ Operational Risk Management (ORM)
4. NAVSEA SW060-AA-MMA-010 Volume 1 Technical Manual Demolition Materials
5. SL-3 09687B Marine Assault Breacher Kit
6. SWO 60-AA-MMA-010 Demolition Materials

SUPPORT REQUIREMENTS:

ORDNANCE:

DODIC	QUANTITY
AX14 Primer, Percussion 12 Gauge W209	20 Per per Marine
M023 Charge, Demolition Block M112 1-1/4	5 Per per Marine
M130 Cap, Blasting Electric M6	4 Per per Marine
M456 Cord, Detonating PETN Type I Class E	100 FT per Marine
M980 Charge, Demolition Sheet 0.0831 Inch	3 FT per Marine
M981 Charge, Demolition Sheet 0.125 Inch	3 FT per Marine
M982 Charge, Demolition Sheet 0.166 Inch	7 FT per Marine
MM30 Charge, Flexible 20 Gram PETN MK140	10 Per per Marine
MM44 Charge, Demolition Flexible Linear S	3 Per per Marine
MM45 Charge, Demolition Flexible Linear S	3 Per per Marine
MM46 Charge, Demolition Flexible Linear S	3 Per per Marine
MM47 Charge, Demolition Flexible Linear S	3 Per per Marine
MM51 Charge, Demolition Low Hazard MK143	15 FT per Marine
MN08 Igniter, Time Blasting Fuse with Sho	20 Per per Marine
MN52 Detonator, Percussion, Non-Electric	15 Per per Marine
MN97 Shock Tube Dual 30'	1 Per per Marine
MU40 Cord, Detonating 400 Grains per Foot	2 FT per Marine
MU42 Cord, Detonating 100 Grains per Foot	20 FT per Marine

RANGE/TRAINING AREA:
Facility Code 17830 Light Demolition Range

EQUIPMENT: Marine Assault Breacher's Kit (MABK) (NSN: 4240-01-531-1165), Personal Protective Equipment (PPE), Full Spectrum Battle Equipment (FSBE) TAMCN: C35012E.

MATERIAL: Local unit mission specific target material [i.e.: doors (wood or metal), door knobs, windows (double hung, plate, or casement), fences, roofs, masonry (mud brick, block, rebar-reinforced block, and solid concrete walls), domestic residence walls, and shipboard hull/bulkhead/hatches].

UNITS/PERSONNEL: Corpsman 8404, 8425, 8427.

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: Commanders will ensure that Marines using Flex Linear Shape Charge (FLSC) during the performance of this event are in compliance with NAVMC Directive 5100.8: MARINE CORPS OCCUPATIONAL SAFETY AND HEALTH (OSH) PROGRAM MANUAL; Chapter 16. Marines conducting this event must be current Methods of Entry Technicians.

SPECIAL PERSONNEL CERTS: M02M729: METHODS OF ENTRY "MOEC"

MOE-TECH-2004: Conduct mechanical methods of entry

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL:** 12 months

DESCRIPTION: This event encompasses the Methods of Entry Technician actions in the Last Covered and Concealed (LCC) position, actions on the objective, and actions immediately following conclusion of the assault. The Methods of Entry Technician is expected to use an approved cut off saw.

MOS PERFORMING: 0307, 0321, 0372, 2305, 2336, 5816, 8071, 8152, 8154

BILLETS: Methods of Entry Technician

GRADES: CPL, SGT, SSGT, GYSGT, MSGT, WO-1, CWO-2, 2NDLT, 1STLT, CAPT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a mission and mission critical intelligence, mechanical equipment, and target.

STANDARD: To allow unobstructed entry of the assault team across the Range of Military Operations (ROMO) while minimizing collateral damage and hazards to personnel.

PERFORMANCE STEPS:
1. Conduct pre-employment checks of mechanical equipment.
2. Employ mechanical equipment.
3. Conduct post-assault actions.

REFERENCES:
1. Methods of Entry Breacher's Log Book
2. STIHL TS Series Cut off saw operators manual

SUPPORT REQUIREMENTS:

RANGE/TRAINING AREA:
Facility Code 17830 Light Demolition Range

EQUIPMENT: Marine Assault Breacher's Kit (MABK) (NSN: 4240-01-531-1165), Personal Protective Equipment (PPE), Full Spectrum Battle Equipment (FSBE) TAMCN: C35012E.

MATERIAL: Local unit mission specific target material [i.e.: doors (wood or metal), door knobs, rebar, wooden 2x4, maritime ships hatch NSN: 2040009928453 and/or 2040005556380, 4x8 foot sheet of 1/8 inch hot rolled steel, or suitable substitute] 89 Octane fuel, 2 stroke engine oil, 14 and 16 inch Broco diamond blades.

UNITS/PERSONNEL: Corpsman, 8404, 8425, 8427.

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: This T&R event may be performed by all personnel under the direct supervision of a current MOE Technician.

SPECIAL PERSONNEL CERTS: M02M729: METHODS OF ENTRY "MOEC"

MOE-TECH-2005: Conduct ballistic methods of entry

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL:** 12 months

DESCRIPTION: This event encompasses the Methods of Entry Technician actions in the Last Covered and Concealed (LCC) position, actions on the objective, and actions immediately following conclusion of the assault. The Methods of Entry Technician is expected to use the Mossberg model 590, Remington model 870, or Benelli M1014.

MOS PERFORMING: 0307, 0321, 0372, 2305, 2336, 5816, 8071, 8152, 8154

BILLETS: Methods of Entry Technician

GRADES: CPL, SGT, SSGT, GYSGT, MSGT, WO-1, CWO-2, 2NDLT, 1STLT, CAPT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a mission and mission critical intelligence, shotgun and target.

STANDARD: To allow unobstructed entry of the assault team across the Range of Military Operations (ROMO) while minimizing collateral damage and hazards to personnel.

PERFORMANCE STEPS:
1. Prepare to employ ballistic equipment.
2. Employ ballistic equipment.
3. Conduct post-assault actions.

REFERENCES:
1. Methods of Entry Breacher's Log Book
2. SL-3 09687B Marine Assault Breacher Kit
3. TM 10003A/07172A/09081A-13&P Remington and Mossberg Shotgun Operators Manual
4. TM 10698A-10/1 M1014A Operators Manual

SUPPORT REQUIREMENTS:

ORDNANCE:

DODIC	QUANTITY
AA54 Cartridge, 12 Gauge, Breaching, M103	40 rounds per Marine

RANGE/TRAINING AREA:
Facility Code 17502 Non-Standard Small Arms Range
Facility Code 17830 Light Demolition Range

EQUIPMENT: Marine Assault Breacher's Kit (MABK) (NSN: 4240-01-531-1165), Personal Protective Equipment (PPE), Shotgun (Mossberg model 590, Remington model 870, or Benelli M1014), Full Spectrum Battle Equipment (FSBE) TAMCN: C35012E, Modular Enhancement Kit.

MATERIAL: Doors (wood or metal), door knobs, deadbolts, and hinges, plywood, 1X2 wood Strips.

UNITS/PERSONNEL: Corpsman 8404, 8425, 8427.

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: Marines conducting this event must be current Methods of Entry Technicians.

SPECIAL PERSONNEL CERTS: M02M729: METHODS OF ENTRY "MOEC"

MOE-TECH-2006: Conduct thermal methods of entry

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL:** 12 months

DESCRIPTION: This event encompasses the MOE TECH¿s actions in the Last Covered and Concealed (LCC) position, actions on the objective, and actions immediately following conclusion of the assault. The MOE TECH is expected to use an approved exothermic cutting torch to accomplish this task.

MOS PERFORMING: 0307, 0321, 0372, 2305, 2336, 5816, 8071, 8152, 8154

BILLETS: Methods of Entry Technician

GRADES: CPL, SGT, SSGT, GYSGT, MSGT, WO-1, CWO-2, 2NDLT, 1STLT, CAPT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a mission and mission critical intelligence, cutting torch, and target.

STANDARD: To allow unobstructed entry of the assault team across the Range of Military Operations (ROMO) while minimizing collateral damage and hazards to personnel.

PERFORMANCE STEPS:
1. Prepare to employ a tactical cutting torch.
2. Employ a tactical cutting torch.
3. Conduct post-assault actions.

REFERENCES:
1. Methods of Entry Breacher's Log Book
2. TACMOD 1 Torch Manual (June 2011)

SUPPORT REQUIREMENTS:

RANGE/TRAINING AREA:
Facility Code 17830 Light Demolition Range

EQUIPMENT: Marine Assault Breacher's Kit (MABK) (NSN: 4240-01-531-1165), Personal Protective Equipment (PPE), Full Spectrum Battle Equipment (FSBE) TAMCN: C35012E.

MATERIAL: Local unit mission specific target material (i.e.: Maritime ship hatch: NSNs 2040009928453 and/or 2040005556380, 4x8 foot sheet of 1/4 inch hot rolled steel, or other suitable substitute).

UNITS/PERSONNEL: Corpsman 8404, 8425, 8427.

MISCELLANEOUS:

SPECIAL PERSONNEL CERTS: This T&R event may be performed by all personnel under the direct supervision of a current MOE Technician.

MOE-TECH-2007: Conduct manual methods of entry

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL:** 12 months

DESCRIPTION: This event encompasses the Methods of Entry Technician actions in the Last Covered and Concealed (LCC) position, actions on the objective, and actions immediately following conclusion of the assault. The Methods of Entry Technician is expected to use an approved cut off saw.

MOS PERFORMING: 0307, 0321, 0372, 2305, 2336, 5816, 8071, 8152, 8154

BILLETS: Methods of Entry Technician

GRADES: CPL, SGT, SSGT, GYSGT, MSGT, WO-1, CWO-2, 2NDLT, 1STLT, CAPT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a mission and mission critical intelligence, mechanical equipment, and target.

STANDARD: To allow unobstructed entry of the assault team across the Range of Military Operations (ROMO) while minimizing collateral damage and hazards to personnel.

PERFORMANCE STEPS:
1. Conduct pre-employment checks of manual equipment.
2. Employ manual equipment.
3. Conduct post-assault actions.

REFERENCES: Methods of Entry Breacher's Log Book

SUPPORT REQUIREMENTS:

RANGE/TRAINING AREA:
Facility Code 17830 Light Demolition Range

EQUIPMENT: Marine Assault Breacher's Kit (MABK) (NSN: 4240-01-531-1165), Personal Protective Equipment (PPE), Full Spectrum Battle Equipment (FSBE) TAMCN: C35012E.

MATERIAL: Doors (wood or metal), door knobs, deadbolts, windows (double hung, plate, or casement), chain linked fence.

UNITS/PERSONNEL: Corpsman 8404, 8425, 8427.

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: Re-breachable door and window trainers are a cost effective and suitable substitute for actual target material in a training environment. This T&R event may be performed by all personnel under the direct supervision of a current MOE Technician.

SPECIAL PERSONNEL CERTS: Marines conducting this event must be qualified and certified as a Methods of Entry Breacher.

MOE-TECH-2008: Conduct explosive methods of entry (NIGHT)

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL:** 12 months

DESCRIPTION: This event encompasses the MOE TECH¿s actions in the Last Covered and Concealed (LCC) position, actions on the objective, and actions immediately following conclusion of the assault. The MOE TECH will utilize explosive charges to complete the assigned mission, and will record charge data within the charge report upon mission completion.

MOS PERFORMING: 0307, 0321, 0372, 2305, 2336, 5816, 8071, 8152, 8154

BILLETS: Methods of Entry Technician

GRADES: CPL, SGT, SSGT, GYSGT, MSGT, WO-1, CWO-2, 2NDLT, 1STLT, CAPT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a mission, mission critical intelligence, Night Optics Device (NOD), charge, and target, and utilizing NODs in a no-light environment.

STANDARD: To allow unobstructed entry of the assault team across the Range of Military Operations (ROMO) while minimizing collateral damage and hazards to personnel.

PERFORMANCE STEPS:
1. Prepare to employ a charge.
2. Employ a charge.
3. Conduct post-assault actions.

REFERENCES:

1. FM 5-250 Explosives and Demolitions
2. GAET Guidebook for Assault Entry Techniques, Volume I and II
3. MCO 3500.27_ Operational Risk Management (ORM)
4. NAVSEA SW060-AA-MMA-010 Volume 1 Technical Manual Demolition Materials
5. ORM 1-0 OPERATIONAL RISK MANAGEMENT
6. SWO 60-AA-MMA-010 Demolition Materials

SUPPORT REQUIREMENTS:

ORDNANCE:

DODIC	QUANTITY
AX14 Primer, Percussion 12 Gauge W209	20 Per per Marine
M023 Charge, Demolition Block M112 1-1/4	5 Per per Marine
M130 Cap, Blasting Electric M6	4 Per per Marine
M456 Cord, Detonating PETN Type I Class E	100 FT per Marine
M980 Charge, Demolition Sheet 0.0831 Inch	3 FT per Marine
M981 Charge, Demolition Sheet 0.125 Inch	3 FT per Marine
M982 Charge, Demolition Sheet 0.166 Inch	7 FT per Marine
MM30 Charge, Flexible 20 Gram PETN MK140	10 Per per Marine
MM44 Charge, Demolition Flexible Linear S	3 Per per Marine
MM45 Charge, Demolition Flexible Linear S	3 Per per Marine
MM46 Charge, Demolition Flexible Linear S	3 Per per Marine
MM47 Charge, Demolition Flexible Linear S	3 Per per Marine
MM51 Charge, Demolition Low Hazard MK143	15 FT per Marine
MN08 Igniter, Time Blasting Fuse with Sho	20 Per per Marine
MN52 Detonator, Percussion, Non-Electric	15 Per per Marine
MN97 Shock Tube Dual 30'	1 Per per Marine
MU40 Cord, Detonating 400 Grains per Foot	2 FT per Marine
MU42 Cord, Detonating 100 Grains per Foot	20 FT per Marine

RANGE/TRAINING AREA:
Facility Code 17830 Light Demolition Range

EQUIPMENT: Marine Assault Breacher's Kit (MABK) (NSN: 4240-01-531-1165), Personal Protective Equipment (PPE), Full Spectrum Battle Equipment (FSBE) TAMCN: C35012E.

MATERIAL: Local unit mission specific target material [i.e.: doors (wood or metal), door knobs, windows (double hung, plate, or casement), fences, roofs, masonry (mud brick, block, rebar-reinforced block, and solid concrete walls), domestic residence walls, and shipboard hull/bulkhead/hatches].

UNITS/PERSONNEL: Corpsman 8404, 8425, 8427.

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: Commanders will ensure that Marines using Flex Linear Shape Charge (FLSC) during the performance of this event are in compliance with NAVMC Directive 5100.8: MARINE CORPS OCCUPATIONAL SAFETY AND HEALTH (OSH) PROGRAM MANUAL; Chapter 16. Marines conducting this event must be current Methods of Entry Technicians.

SPECIAL PERSONNEL CERTS: M02M729: METHODS OF ENTRY "MOEC"

7004. SUPERVISOR

MOE-TECH-2401: Supervise planning of a method(s) of entry operation

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL:** 12 months

DESCRIPTION: This task exists to ensure the methods of entry elements train and operate safely. The unit leader will supervise mission planning and preparation and the execution of explosive, mechanical, ballistic, thermal, and manual Methods Of Entry techniques within the element during operations, both day and night.

MOS PERFORMING: 0307, 0321, 2305, 2336

BILLETS: Methods of Entry Technician

GRADES: SGT, SSGT, GYSGT, MSGT, WO-1, CWO-2, CWO-3, CWO-4, CWO-5, 2NDLT, 1STLT, CAPT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a mission and mission critical intelligence, commander's intent, a methods of entry element, and required equipment.

STANDARD: To ensure that the methods of entry element can properly plan for and support the scheme of maneuver and satisfy the commander's intent.

PERFORMANCE STEPS:
1. Determine mission requirements.
2. Confirm target analysis.
3. Ensure hazards are identified.
4. Approve the Method(s) of Entry to be used.
5. Approve the tools/equipment/Class V materials required to support Method(s) of Entry.

REFERENCES:
1. DoDM S-5210.41M Nuclear Weapon Security Manual
2. GAET Guidebook for Assault Entry Techniques, Volume I and II
3. MCDP-1 Warfighting
4. MCO 3500.27_ Operational Risk Management (ORM)
5. MCO 3502.3 Marine Expeditionary Unit (Special Operations Capable)
6. MCRP 3-17.7M Construction Estimating
7. NAVSEA SWO60-AA-MMA-010 Demolition Materials
8. SWO 60-AA-MMA-010 Demolition Materials

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: Supervisors conducting this event must be graduates of the Methods of Entry School (Basic and Master), current and appointed by the Commanding Officer, in writing, as a unit MOE Master breacher.

SPECIAL PERSONNEL CERTS: M02M729: METHODS OF ENTRY "MOEC"

MOE-TECH-2402: Supervise preparing for a method(s) of entry operation

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL:** 12 months

DESCRIPTION: This task exists to ensure the breaching elements, methods of entry element train and operate safely. The unit leader will supervise mission planning and preparation and the execution explosive, mechanical, ballistic, thermal, and manual Methods of Entry techniques within the element during operations, both day and night.

MOS PERFORMING: 0307, 0321, 2305, 2336

BILLETS: Methods of Entry Technician

GRADES: SGT, SSGT, GYSGT, MSGT, WO-1, CWO-2, CWO-3, CWO-4, CWO-5, 2NDLT, 1STLT, CAPT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a mission and mission critical intelligence, commander's intent, a breaching methods of entry element, and required equipment.

STANDARD: To ensure that the breaching methods of entry element can properly prepare to support the scheme of maneuver and satisfy the commander's intent.

PERFORMANCE STEPS:
1. Verify the preparation of methods of entry equipment.
2. Validate construction of charges and priming systems (as required).
3. Validate pre-operations checks and inspections.

REFERENCES:
1. FM 5-250 Explosives and Demolitions
2. GAET Guidebook for Assault Entry Techniques, Volume I and II
3. MCO 3500.27 Operational Risk Management
4. MCTP 10-10D MAGTF Explosive Ordnance Disposal
5. NAVSEA SW060-AA-MMA-010 Volume 1 Technical Manual Demolition Materials
6. SL-3 09687B Marine Assault Breacher Kit
7. STIHL TS Series Cut off saw operators manual
8. SWO 60-AA-MMA-010 Demolition Materials
9. TCTK - 2006 Tactical Cutting Torch Kits Operating Instructions Manual (July 2006)
10. TM 10003A/07172A/09081A-13&P Remington and Mossberg Shotgun Operators Manual
11. TM 10698A-23B&P/2 M1014 Shotgun Maintenance Manual

SUPPORT REQUIREMENTS:

RANGE/TRAINING AREA:
Facility Code 17311 Range Support Building
Facility Code 17830 Light Demolition Range

EQUIPMENT: Family of EOD equipment. Marine Assault Breacher's Kit (MABK) (NSN:4240-01-531-1165), Personal Protective Equipment (PPE), Shotgun (Mossberg Model 500, Remington 870, or Benelli 1014), Full Spectrum Battle Equipment (FSBE) TAMCN: C35012E.

MATERIAL: Breacher's Logbook, tape (Rigger's, Electrical, double-sided),Knife, Detonation Cord Connectors, Scientific Calculator, E-Silhouette targets, non-Metallic Prop Stick, Goodyear 330B Rubber, 1000 ml IV bags,550 Cord, spray adhesive, Explosive Transfer Medium (ETM), Breacher's Paste or grease.

UNITS/PERSONNEL: Corpsman 8404, 8425, 8427.

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: Supervisors conducting this event must be graduates of the Methods of Entry School (Basic and Master), current and appointed by the Commanding Officer, in writing, as a unit MOE Master breacher.

MOE-TECH-2403: Conduct advanced methods of entry techniques

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL:** 12 months

DESCRIPTION: This task exists to ensure methods of entry elements operate safely. The unit leader will supervise mission planning and preparation and the execution of advanced explosive, mechanical, ballistic, thermal, and manual Methods Of Entry techniques within the element during operations, both day and night. This event encompasses advanced entry techniques which are required for high security or non-standard targetry.

MOS PERFORMING: 0307, 0321, 2305, 2336

GRADES: SGT, SSGT, GYSGT, MSGT, WO-1, CWO-2, CWO-3, CWO-4, CWO-5, 2NDLT, 1STLT, CAPT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a mission and mission critical intelligence, commander's intent, a methods of entry element and required equipment.

STANDARD: To allow unobstructed entry of the assault team across the Range of Military Operations (ROMO) while minimizing collateral damage and hazards to personnel.

PERFORMANCE STEPS:
1. Assess target intelligence.
2. Determine method of entry.
3. Prepare method of entry.
4. Conduct method of entry.
5. Conduct post assault actions.
6. Complete reports.

REFERENCES:
1. FM 5-250 Explosives and Demolitions
2. GAET Guidebook for Assault Entry Techniques, Volume I and II
3. MCO 3500.27 Operational Risk Management
4. MCTP 10-10D MAGTF Explosive Ordnance Disposal
5. NAVSEA SWO60-AA-MMA-010 Demolition Materials
6. SL-3 09687B Marine Assault Breacher Kit

7. SWO 60-AA-MMA-010 Demolition Materials

SUPPORT REQUIREMENTS:

ORDNANCE:

DODIC	QUANTITY
AX14 Primer, Percussion 12 Gauge W209	20 Per per Marine
M023 Charge, Demolition Block M112 1-1/4	5 Per per Marine
M130 Cap, Blasting Electric M6	4 Per per Marine
M456 Cord, Detonating PETN Type I Class E	100 FT per Marine
M980 Charge, Demolition Sheet 0.0831 Inch	3 FT per Marine

RANGE/TRAINING AREA:
Facility Code 17311 Range Support Building
Facility Code 17830 Light Demolition Range

EQUIPMENT: Family of EOD equipment. Marine Assault Breacher's Kit (MABK) (NSN:4240-01-531-1165), Personal Protective Equipment (PPE), Shotgun (Mossberg Model 500, Remington 870, or Benelli 1014), Full Spectrum Battle Equipment (FSBE) TAMCN: C35012E.

MATERIAL: Breacher's Logbook, Local unit mission specific target material [i.e.: doors (wood or metal), door knobs, windows (double hung, plate, or casement), fences, roofs, masonry (mud brick, block, rebar-reinforced block, and solid concrete walls), domestic residence walls, and shipboard hull/bulkhead/hatches], Tape (Rigger's, Electrical, double-sided),Knife, Detonation Cord Connectors, Scientific Calculator, E-Silhouette targets, non-Metallic Prop Stick, Goodyear 330B Rubber, 1000 ml IV bags,550 Cord, spray adhesive, Explosive Transfer Medium (ETM), Breacher's Paste or grease. Non-standard high security targetry.

UNITS/PERSONNEL: Corpsman 8404, 8425, 8427

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: Commanders will ensure that Marines using Flex Linear Shape Charge (FLSC) during the performance of this event are in compliance with NAVMC Directive 5100.8: MARINE CORPS OCCUPATIONAL SAFETY AND HEALTH (OSH) PROGRAM MANUAL; Chapter 16.Supervisors conducting this event must be graduates of the Methods of Entry School (Basic and Master), current and appointed by the Commanding Officer, in writing, as a unit MOE Master breacher.

EOD TRAINING AND READINESS MANUAL

APPENDIX A

ACRONYMS AND ABBREVIATIONS

AA . . . . . .administrative action
ACC . . . . . administrative clerk course
ADC . . . . . .area distribution center
ADCON . . . . . .administrative control
ADJ . . . . . Adjutant
ADP . . . . . automatic data processing
ADOS . . . . . .Active Duty Operational Support
ADSW . . . . . active duty special work
ADT . . . . . active duty training
AFADBD . . . . . armed forces active duty base date
AIC . . . . . .accounting identification code
AIS . . . . . automated information systems
AMCITS . . . . . .American Citizens
AO . . . . . area of operations
AO . . . . . Approving Official
AOR . . . . . area of responsibility
APAC . . . . . advance personnel administrative chief course
APACS . . . . . .Aircraft and Personnel Area Clearance System
APDS . . . . . .all purpose date stamp
APES . . . . . Automated Performance Evaluation System
APO . . . . . .Army Post Office
APS . . . . . Awards Processing System
AR . . . . . Active Reserve
ARCR . . . . . .Annual Retirement Credit Report
ASR . . . . . Authorized Strength Report
AT . . . . . .Annual Training
BAS . . . . . .Basic Allowance for Subsistence
BAH . . . . . Basic Allowance for Housing
BIC . . . . . Billet Information Code
BIR . . . . . basic individual record
BTR . . . . . basic training record
BMOS . . . . . Billet Military Occupational Specialty
BCNR . . . . . Bureau of Corrections for Naval Records
CA . . . . . .Convening Authority
CACO . . . . . Casualty Assistance Call Officer
CAC . . . . . common access card
CDPA . . . . . Central Design and Programming Activity
CertCom . . . . . Certificate of Commendation
CHART . . . . . Civilian Hiring and Recruitment Tool
CJCS . . . . . Chairman of the Joint Chiefs of Staff
CJCSI . . . . . Chairman of the Joint Chiefs of Staff instruction
CJCSM . . . . . Chairman of the Joint Chiefs of Staff manual
CMC . . . . . .Commandant of the Marine Corps
CMCC . . . . . Classified Material Control Center
CMF . . . . . central master file
CMR . . . . . Consolidated Memorandum Receipt
CMRRB . . . . . Civilian Resource Management Review Board
CMS . . . . . COMSEC materials system
CO . . . . . commanding officer

COCOM . . . . . Combatant Commander
COD . . . . . collect on delivery
COLA . . . . . Cost of Living Allowance
COMMARFOR . . . . . Commander, Marine Corps Forces
COMMARFORLANT . . . . . Commander, Marine Corps Forces, Atlantic
COMMARFORPAC . . . . . Commander, Marine Corps Forces, Pacific
COMSEC . . . . . communications security
CON . . . . . conduct
CONGINT . . . . . .Congressional/Special Interest
CONUS . . . . . Continental United States
COPE . . . . . .Custodian of Postal Effects
CRB . . . . . Competency Review Board
CRCR . . . . . .Career Retirement Credit Report
CSP . . . . . .Career Sea Pay
CSR . . . . . Consolidated Strength Report
CSR . . . . . Command Staffing Report
CTZE . . . . . .Combat Tax Zone Exclusion
DFN . . . . . Designated Foreign National
DISA . . . . . Defense Information Systems Agency
DCIPS. . . . . Defense Civilian Intelligence Personnel System
DCIPS . . . . . .Defense Casualty Information Processing System
DCP . . . . . .Directives Control Point
DCTB . . . . . Date Current Tour Began
DEOCS . . . . . .Defense Equal Opportunity Climate Survey
DEERS . . . . . Defense Enrollment Eligibility Reporting System
DES . . . . . Disability Evaluation System
DIMHRS . . . . . Defense Integrated Manpower Human Resource System
DISTLEARN . . . . . distance learning
DFAS . . . . . Defense Finance Accounting Service
DFR . . . . . Diary Feedback Report
DLA . . . . . dislocation allowance
DMM . . . . . .Domestic Mail Manual
DMS . . . . . Defense Message System
DoD . . . . . Department of Defense
DoDD . . . . . Department of Defense directive
DoDI . . . . . Department of Defense instruction
DoDFMR . . . . . Department of Defense financial management regulations
DON . . . . . Department of the Navy
DONCAF . . . . . Department of the Navy Central Adjudication Facility
DOR . . . . . Date of Rank
DR . . . . . dental record
DRRS . . . . . Defense Readiness Reporting System
DSR . . . . . .Deployment Status Report
DTAS . . . . . Deployed Theatre Accountability System
DTMS. . . . . Document Tracking Management System
DTOD . . . . . Defense Table of Official Distances
DTP . . . . . .DoD Drug Testing Program
DTS . . . . . Defense Travel System
EA . . . . . .Executive Agent
EAS . . . . . End of Active Service
ECC . . . . . End of Current Contract
EAD . . . . . Extended Active Duty
EDA . . . . . Estimated Date of Arrival
EDD . . . . . Estimated Date of Departure
EDFR . . . . . Electronic Diary Feedback Report
ELSIG . . . . . electronic signature
EO . . . . . Equal Opportunity

EOA . . . . . Equal Opportunity Advisor
EPW . . . . . Enemy Prisoner of War
ESGM . . . . . Enlisted Staffing Goal Model
ETD . . . . . .Estimated Time of Delivery
EUCU . . . . . .End User Computer Equipment
FAP . . . . . Fleet Assistance Program
FCG . . . . . Foreign Clearance Guide
FMC . . . . . Fleet Mail Center
FMF . . . . . Fleet Marine Force
FMFM . . . . . Fleet Marine Force manual
FHTNR . . . . . Fleet Home Town News Release
FMCC . . . . . future monitor command code
FMR . . . . . .financial management regulations
FPO . . . . . Fleet Post Office
FSA . . . . . Family Separation Allowance
FSGLI . . . . . .Family Service Member's Group Life Insurance
FY . . . . . .fiscal year
G-1 . . . . . manpower or personnel staff officer
G-2 . . . . . intelligence staff officer
G-3 . . . . . operations staff officer
G-4 . . . . . logistics staff officer
G-6 . . . . . communications and information systems officer
GCM . . . . . Good Conduct Medal
GEMS. . . . . .Global Enterprise Mail System
GPO . . . . . .Government Printing Office
GSA . . . . . General Services Administration
GTCC . . . . . Government Travel Charge Card
GTCCP . . . . . Government Travel Charge Card Program
GTN . . . . . Global Transportation Network
GTR . . . . . .Government Transportation Request
HDP . . . . . Hardship Duty Pay
HFP . . . . . Hostile Fire Pay
HQMC . . . . . Headquarters, Marine Corps
HR . . . . . health record
HRO . . . . . Human Resources Office
HSAP . . . . . Health Services Augmentation Program
IA . . . . . individual augment
IAW . . . . . .in accordance with
IADT . . . . . Incremental Active Duty Training
IDL . . . . . International Date Line
IDT . . . . . Inactive Duty Training
IHCA . . . . . In Hands of Civilian Authorities
IHFA . . . . . In Hands of Foreign Authorities
ID . . . . . identification
IDL . . . . . .Internal Distribution List
IDP . . . . . Imminent Danger Pay
IDT . . . . . Inactive Duty Training
IFDTL . . . . . .Internet Forensics Drug Testing Laboratory
IIADT . . . . . Incremental Initial Active Duty
IMA . . . . . Individual Mobilization Augmentee
IMM . . . . . International Mail Manual
IO . . . . . .Investigating Officer
IPAC . . . . . .Installation Personnel Administrative Center
IPP . . . . . .irregular parcels and pieces
IPP . . . . . In Progress Payments
IRO . . . . . .Initial Review Officer
IRR . . . . . Individual Ready Reserve

IRT . . . . . .Integrated Retail Terminal
JCS . . . . . Joint Chiefs of Staff
JFTR . . . . . Joint Federal Travel regulations
JMPA . . . . . Joint Military Postal Activity (Atlantic or Pacific)
JP . . . . . Joint Publication
JPERSTAT . . . . . Joint Personnel Status
JPRA . . . . . .Joint Personnel Recovery Agency
JRC . . . . . Joint Reception Center
JTF . . . . . Joint Task Force
KVN . . . . . Key Volunteer Network
IA . . . . . .Individual Augments
LCM . . . . . Leave and Earnings Statement
LES . . . . . letter class mail
LOA . . . . . letter of appreciation
LOD . . . . . .Line of Duty
LOI . . . . . Letter of Instruction
LSSS . . . . . Legal Services Support Section
LWAS . . . . . Leave While Awaiting Separation
MACOM . . . . . major command
MAGTF . . . . . Marine Air-Ground Task Force
MAMAS . . . . . Military Automated Mail Accounting System
MAO . . . . . mail address only
MARDIV . . . . . Marine Division
MARFOR . . . . . Marine Corps Forces
MCB . . . . . Marine Corps Base
MCC . . . . . Monitor Command Code
MCCS . . . . . .Marine Corps Community Services
MCCSSS . . . . . Marine Corps Combat Service Support Schools
MCM . . . . . Manual for Courts-Martial
MCO . . . . . Marine Corps Order
MCMEDS . . . . . Marine Corps Medical Evaluation Disability System
MCMPS . . . . . Marine Corps Mobilization Processing System
MCPP . . . . . Marine Corps Planning Process
MCPDS . . . . . Marine Corps Publication Distribution System
MCPEL . . . . . Marine Corps Publications Electronic Listing
MCWP . . . . . .Marine Corps Warfighting Publication
MCTFS . . . . . Marine Corps Total Force System
MEF . . . . . Marine Expeditionary Force
MEU . . . . . Marine Expeditionary Unit
MEU(SOC) . . . . . Marine Expeditionary Unit (special operations capable)
MIDAS . . . . . Military and International Dispatch and Accountability System
MILSTAMP . . . . . .military standard transportation and movement procedure
MIS . . . . . Manpower Information Systems
MISSA . . . . . Manpower Information System Support Agency
MISSO . . . . . Manpower Information System Support Office
MLG . . . . . .Marine Logistics Group
MMSB . . . . . Manpower Management Support Branch
MO . . . . . .money order
MOB . . . . . .money order business
MOC . . . . . Manpower Officer Course
MODIS . . . . . .Military Origin Destination Information System
MOID . . . . . .money order identification number
MOJT . . . . . Managed On the Job Training
MOL . . . . . Marine Online
MOM . . . . . .military ordinary mail
MOS . . . . . Military Occupational Specialty
MPC . . . . . military postal clerk

MPO . . . . . .Military Post Office
MPS . . . . . Military Postal System
MPSA . . . . . Military Postal Service Agency
MRI . . . . . .mail routing instruction
MRO . . . . . Marine Reported On
MRO . . . . . .Medical Review Officer
MROWS . . . . . Marine Reserve Order Writing System
MRTM . . . . . manpower requirements tracking module
MSC . . . . . Major Subordinate Command
MSE . . . . . Major Subordinate Element
MSPF . . . . . Maritime Special Purpose Force
MWR . . . . . Morale, Welfare and Recreation
NAMALA . . . . . Navy and Marine Corps Appellate Leave Activity
NATO . . . . . North Atlantic Treaty Organization
NAVMC . . . . . Navy and Marine Corps
NCIS . . . . . Naval Criminal Investigative Service
NDEA. . . . . Non-DTS Entry Agent
NEO . . . . . .Noncombatant Evacuation Operations
NIPRNET . . . . . nonsecure internet protocol router network
NJP . . . . . non-judicial punishment
NOK . . . . . Next of Kin
NSPS . . . . . National Security Personnel System
NOE . . . . . Notice of Eligibility
NOK . . . . . Next of Kin
OccFld . . . . . occupational field
OCONUS . . . . . Outside the Continental United States
ODSE . . . . . .Operational Data Storage Enterprise
ODTA . . . . . .Organizational Defense Travel Administrator
OHA . . . . . Overseas Housing Allowance
OMM . . . . . Official Mail Manager
OMPF . . . . . Official Military Personnel File
OPCON . . . . . operational control
OPFOR . . . . . .Operating Forces
OPLAN . . . . . operations plan
OPNAV . . . . . Office of the Chief of Naval Operations
OPORD . . . . . operations order
OPT . . . . . Operational Planning Team
OSP . . . . . outside piece
OPREP . . . . . Operations Report
OPSEC . . . . . operations security
OQR . . . . . Officer Qualification Record
PAC . . . . . .Personnel Administration Center
PAO . . . . . .Public Affairs Officer
PAR . . . . . personnel action request
PAS . . . . . Personnel Administration School
PB . . . . . USPS Postal bulletin
PC . . . . . postal clerk
PCA . . . . . Permanent Change of Assignment
PCR. . . . . Personnel Casualty Report
PCS . . . . . Permanent Change of Station
PDRL . . . . . Permanent Disability Retired List
PDS . . . . . permanent duty station
PEB . . . . . .Physical Evaluations Board
PEBD . . . . . Pay Entry Base Date
PERSTEMPO . . . . . personnel tempo
PFO . . . . . .Postal Finance Officer
PII . . . . . Personally Identifiable Information

PLEAD . . . . . Place Entered Active Duty
PLMS . . . . . Publications Library Management System
POC . . . . . Personnel Officer Course
POM . . . . . .Postal Operations Manual
POP . . . . . .Postal Operations Plan
PNA . . . . . .postal net alert
PNOK . . . . . .Primary Next of Kin
PDMRA . . . . . Post Deployment Mobilization Respite Absence
PRO . . . . . proficiency
PS . . . . . Postal Service
PSC . . . . . Postal Service Center
PSD . . . . . .Personnel Support Detachment
PSP . . . . . Personnel Security Program
PTAD . . . . . Permissive Temporary Additional Duty
PVI . . . . . .postage validation imprinter
RBE . . . . . .Remain Behind Element
RC . . . . . .Reserve Component
RCT . . . . . .Reserve Counterpart Training
RED . . . . . Record of Emergency Data
RFF . . . . . .Request for Forces
RIDT . . . . . Rescheduled Inactive Duty Training
RLO . . . . . Reserve Liaison Officer
RPA . . . . . request for personnel action
RUC . . . . . Reporting Unit Code
RU . . . . . reporting unit
S-1 . . . . . manpower or personnel staff officer
S-2 . . . . . intelligence staff officer
S-3 . . . . . operations staff officer
S-4 . . . . . logistics staff officer
S-6 . . . . . communications and information systems staff officer
SACO . . . . . .Substance Abuse Control
SDA . . . . . Special Duty Assignment
SE . . . . . Supporting Establishment
SECNAVINST . . . . . .Secretary of the Navy Instruction
SG . . . . . .staffing goal
SGLI . . . . . .Service Member's Group Life Insurance
SIPRNET . . . . . secret internet protocol router network
SITREPS . . . . . Situation Reports
SJA . . . . . .Staff Judge Advocate
SLDCADA . . . . . Standard Labor Data Collection and Distribution Application
SMCR . . . . . Select Marine Corps Reserve
SNCO . . . . . .Staff Noncommissioned Officer
SNM . . . . . Subject Named Marine
SOP . . . . . standing operating procedure
SORTS . . . . . Status of Resources and Training System
SPA . . . . . Secure Personnel Accountability
SPMAGTF . . . . . Special-Purpose Marine Air-Ground Task Force
SRB . . . . . service record book
SR . . . . . service record
SSBI . . . . . single-scope background investigation
SSIC . . . . . Standard Subject Identification Code
SSM . . . . . .Single Service Manager
TACON . . . . . .tactical control
TAD . . . . . Temporary Additional Duty
TDRL . . . . . Temporary Disability Retired List
TFSMS . . . . . Total Force Structured Management System
TLA . . . . . temporary lodging allowance

TMR . . . . . Timeliness Management Report
TMS . . . . . Training Management System
TNPQ . . . . . Temporarily Not Physically Qualified
T/O . . . . . Table of Organization
TO&E . . . . . .Table of Organization and Equipment
TOECR . . . . . .Table of Organization and Equipment Change Request
TPFDD . . . . . Time Phased Force Deployment Database
TTC . . . . . .Type of Transaction Code
TTISMM . . . . . .Transit Time Information System Military Mail
UA . . . . . unauthorized absence
UCMJ . . . . . Uniform Code of Military Justice
UDMIPS . . . . . Unit Diary Manpower Integrated Personnel System
UIC . . . . . .Unit Identification Code
ULN . . . . . .Unit Line Number
UMC . . . . . unit mail clerk
UMR . . . . . .unit mail room
UPB . . . . . Unit Punishment Book
USMCR . . . . . United States Marine Corps Reserve
USPS . . . . . .US Postal Service
WMD . . . . . weapons of mass destruction
WWR . . . . . .Wounded Warrior Regiment
ZIP . . . . . Zone Improvement Code

EOD TRAINING AND READINESS MANUAL

APPENDIX B

TERMS AND DEFINITIONS

Terms in this glossary are subject to change as applicable orders and directives are revised. Terms established by Marine Corps orders or directives take precedence after definitions found in Joint Publication 1-02, DOD Dictionary of Military and Associated Terms.

A

After Action Review. A professional discussion of training events conducted after all training to promote learning among training participants. The formality and scope increase with the command level and size of the training evolution. For longer exercises, they should be planned for at predetermined times during an exercise. The results of the AAR shall be recorded on an after action report and forwarded to higher headquarters. The commander and higher headquarters use the results of an AAR to reallocate resources, reprioritize their training plan, and plan for future training.

Assessment. An informal judgment of the unit's proficiency and resources made by a commander or trainer to gain insight into the unit's overall condition. It serves as the basis for the midrange plan. Commanders make frequent use of these determinations during the course of the combat readiness cycle in order to adjust, prioritize or modify training events and plans.

C

Chaining. A process that enables unit leaders to effectively identify subordinate collective events and individual events that support a specific collective event. For example, collective training events at the 4000-Level are directly supported by collective events at the 3000-Level. When a higher level event by its nature requires the completion of lower level events, they are "chained"; Sustainment credit is given for all lower level events chained to a higher event.

Collective Event. A clearly defined, discrete, and measurable activity, action, or event (i.e., task) that requires organized team or unit performance and leads to accomplishment of a mission or function. A collective task is derived from unit missions or higher-level collective tasks. Task accomplishment requires performance of procedures composed of supporting collective or individual tasks. A collective task describes the exact performance a group must perform in the field under actual operational conditions. The term "collective" does not necessarily infer that a unit accomplishes the event. A unit, such as a squad or platoon conducting an attack; may accomplish a collective event or, it may be accomplished by an individual to accomplish a unit mission, such as a battalion supply officer completing a reconciliation of the battalion's CMR. Thus, many collective events will have titles that are the same as individual events; however, the standard and condition will be different because the scope of the collective event is broader.

Collective Training Standards (CTS). Criteria that specify mission and functional area unit proficiency standards for combat, combat support, and combat service support units. They include tasks, conditions, standards, evaluator instruction, and key indicators. CTS are found within collective training events in T&R Manuals.

Combat Readiness Cycle. The combat readiness cycle depicts the relationships within the building block approach to training. The combat readiness cycle progresses from T&R Manual individual core skills training, to the accomplishment of collective training events, and finally, to a unit's participation in a contingency or actual combat. The combat readiness cycle demonstrates the relationship of core capabilities to unit combat readiness. Individual core skills training and the training of collective events lead to unit proficiency and the ability to accomplish the unit's stated mission.

Combat Readiness Percentage (CRP). The CRP is a quantitative numerical value used in calculating collective training readiness based on the E-Coded events that support the unit METL. CRP is a concise measure of unit training accomplishments. This numerical value is only a snapshot of training readiness at a specific time. As training is conducted, unit CRP will continuously change.

Condition. The condition describes the training situation or environment under which the training event or task will take place. Expands on the information in the title by identifying when, where and why the event or task will occur and what materials, personnel, equipment, environmental provisions, and safety constraints must be present to perform the event or task in a real-world environment. Commanders can modify the conditions of the event to best prepare their Marines to accomplish the assigned mission (e.g. in a desert environment; in a mountain environment; etc.).

Core Competency. Core competency is the comprehensive measure of a unit's ability to accomplish its assigned MET. It serves as the foundation of the T&R Program. Core competencies are those unit core capabilities and individual core skills that support the commander's METL and T/O mission statement. Individual competency is exhibited through demonstration of proficiency in specified core tasks and core plus tasks. Unit proficiency is measured through collective tasks.

Core Capabilities. Core capabilities are the essential functions a unit must be capable of performing during extended contingency/combat operations. Core unit capabilities are based upon mission essential tasks derived from operational plans; doctrine and established tactics; techniques and procedures.

Core Plus Capabilities. Core plus capabilities are advanced capabilities that are environment, mission, or theater specific. Core plus capabilities may entail high-risk, high-cost training for missions that are less likely to be assigned in combat.

Core Plus Skills. Core plus skills are those advanced skills that are environment, mission, rank, or billet specific. 2000-Level training is designed to make Marines proficient in core skills in a specific billet or at a specified rank at the Combat Ready level. 3000-8000-Level training produces combat leaders and fully qualified section members at the Combat Qualified level. Marines trained at the Combat Qualified level are those the commanding officer feels are capable of accomplishing unit-level missions and of

directing the actions of subordinates. Many core plus tasks are learned via MOJT, while others form the base for curriculum in career level MOS courses taught by the formal school.

D

Defense Readiness Reporting System (DRRS). A comprehensive readiness reporting system that evaluates readiness on the basis of the actual missions and capabilities assigned to the forces. It is a capabilities-based, adaptive, near real-time reporting system for the entire Department of Defense.

Deferred Event. A T&R event that a commanding officer may postpone when in his or her judgment, a lack of logistic support, ammo, ranges, or other training assets requires a temporary exemption. CRP cannot be accrued for deferred "E-Coded" events.

Delinquent Event. An event becomes delinquent when a unit exceeds the sustainment interval for that particular event. The individual or unit must update the delinquent event by first performing all prerequisite events. When the unit commander deems that performing all prerequisite is unattainable, then the delinquent event will be re-demonstrated under the supervision of the appropriate evaluation authority.

E

E-Coded Event. An "E-Coded" event is a collective T&R event that is a noted indicator of capability or, a noted collective skill that contributes to the unit's ability to perform the supported MET. As such, only "E-Coded" events are assigned a CRP value and used to calculate a unit's CRP.

Evaluation. Evaluation is a continuous process that occurs at all echelons, during every phase of training and can be both formal and informal. Evaluations ensure that Marines and units are capable of conducting their combat mission. Evaluation results are used to reallocate resources, reprioritize the training plan, and plan for future training.

Event (Training). 1) An event is a significant training occurrence that is identified, expanded and used as a building block and potential milestone for a unit's training. An event may include formal evaluations. 2) An event within the T&R Program can be an individual training evolution, a collective training evolution or both. Through T&R events, the unit commander ensures that individual Marines and the unit progress from a combat capable status to a Fully Combat Qualified (FCQ) status.

Event Component. The major procedures (i.e., actions) that must occur to perform a Collective Event to standard.

Exercise Commander (EC). The Commanding General, Marine Expeditionary Force or his appointee will fill this role, unless authority is delegated to the respective commander of the Division, Wing, or FSSG. Responsibilities and functions of the EC include: 1) designate unit(s) to be evaluated, 2) may designate an exercise director, 3) prescribe exercise objectives and T&R events to be evaluated, 4) coordinate with commands or agencies external to the Marine Corps and adjacent Marine Corps commands, when required.

Exercise Director (ED). Designated by the EC to prepare, conduct, and report all evaluation results. Responsibilities and functions of the ED include: 1) Publish a letter of instruction (LOI) that: delineates the T&R events to be evaluated, establishes timeframe of the exercise, lists responsibilities of various elements participating in the exercise, establishes safety requirements/guidelines, and lists coordinating instructions. 2) Designate the TEC and TECG to operate as the central control agency for the exercise. 3) Assign evaluators, to include the senior evaluator, and ensure that those evaluators are properly trained. 4) Develop the general exercise scenario taking into account any objectives/events prescribed by the EC. 5) Arrange for all resources to include: training areas, airspace, aggressor forces, and other required support.

M

Marine Corps Ground Training and Readiness (T&R) Program. The T&R Program is the Marine Corps' primary tool for planning and conducting training, for planning and conducting training evaluation, and for assessing training readiness. The program will provide the commander with standardized programs of instruction for units within the ground combat, combat support, and combat service support communities. It consolidates the ITS, CTS, METL and other individual and unit training management tools. T&R is a program of standards that systematizes commonly accepted skills, is open to innovative change, and above all, tailors the training effort to the unit's mission. Further, T&R serves as a training guide and provides commanders an immediate assessment of unit combat readiness by assigning a CRP to key training events. In short, the T&R Program is a building block approach to training that maximizes flexibility and produces the best-trained Marines possible.

Mission Essential Task(s) MET(s). A MET is a collective task in which an organization must be proficient in order to accomplish an appropriate portion of its wartime mission(s). MET listings are the foundation for the T&R Manual; all events in the T&R Manual support a MET.

Mission Essential Task List (METL). Descriptive training document that provides units a clear, war fighting focused description of collective actions necessary to achieve wartime mission proficiency. The service-level METL, that which is used as the foundation of the T&R Manual, is developed using Marine Corps doctrine, operational plans, T/Os, UJTL, UNTL, and MCTL. For community based T&R Manuals, an occupational field METL is developed to focus the community's collective training standards. Commanders develop their unit METL from the service-level METL, operational plans, contingency plans, and SOPs.

O

Operational Readiness (DOD, NATO). OR is the capability of a unit/formation, ship, weapon system, or equipment to perform the missions or functions for which it is organized or designed. May be used in a general sense or to express a level or degree of readiness.

P

Prerequisite Event. Prerequisites are the academic training and/or T&R events that must be completed prior to attempting the event.

R

Readiness (DOD). Readiness is the ability of U.S. military forces to fight and meet the demands of the national military strategy. Readiness is the synthesis of two distinct but interrelated levels: a) Unit readiness--The ability to provide capabilities required by combatant commanders to execute assigned missions. This is derived from the ability of each unit to deliver the outputs for which it was designed. b) Joint readiness--The combatant commander's ability to integrate and synchronize ready combat and support forces to execute assigned missions.

S

Section Skill Tasks. Section skills are those competencies directly related to unit functioning. They are group rather than individual in nature, and require participation by a section (S-1, S-2, S-3, etc).

Simulation Training. Simulators provide the additional capability to develop and hone core and core plus skills. Accordingly, the development of simulator training events for appropriate T&R syllabi can help maintain valuable combat resources while reducing training time and cost. Therefore, in cases where simulator fidelity and capabilities are such that simulator training closely matches that of actual training events, T&R Manual developers may include the option of using simulators to accomplish the training. CRP credit will be earned for E-Coded simulator events based on assessment of relative training event performance.

Standard. A standard is a statement that establishes criteria for how well a task or learning objective must be performed. The standard specifies how well, completely, or accurately a process must be performed or product produced. For higher-level collective events, it describes why the event is being done and the desired end-state of the event. Standards become more specific for lower-level events and outline the accuracy, time limits, sequencing, quality, product, process, restrictions, etc., that indicate the minimum acceptable level of performance required of the event. At a minimum, both collective and individual training standards consist of a task, the condition under which the task is to be performed, and the evaluation criteria that will be used to verify that the task has been performed to a satisfactory level.

Sustainment Training. Periodic retraining or demonstration of an event required maintaining the minimum acceptable level of proficiency or capability required to accomplish a training objective. Sustainment training goes beyond the entry-level and is designed to maintain or further develop proficiency in a given set of skills.

Systems Approach to Training (SAT). An orderly process for analyzing, designing, developing, implementing, and evaluating a unit's training program to ensure the unit, and the Marines of that unit acquire the knowledge and skills essential for the successful conduct of the unit's wartime missions.

T

Training Task. This describes a direct training activity that pertains to an individual Marine. A task is composed of 3 major components: a description of what is to be done, a condition, and a standard.

Technical Exercise Controller (TEC). The TEC is appointed by the ED, and usually comes from his staff or a subordinate command. The TEC is the senior evaluator within the TECG and should be of equal or higher grade than the commander(s) of the unit(s) being evaluated. The TEC is responsible for ensuring that the evaluation is conducted following the instructions contained in this order and MCO 1553.3A. Specific T&R Manuals are used as the source for evaluation criteria.

Tactical Exercise Control Group (TECG). A TECG is formed to provide subject matter experts in the functional areas being evaluated. The benefit of establishing a permanent TECG is to have resident, dedicated evaluation authority experience, and knowledgeable in evaluation technique. The responsibilities and functions of the TECG include: 1) developing a detailed exercise scenario to include the objectives and events prescribed by the EC/ED in the exercise LOI; 2) conducting detailed evaluator training prior to the exercise; 3) coordinating and controlling role players and aggressors; 4) compiling the evaluation data submitted by the evaluators and submitting required results to the ED; 5) preparing and conducting a detailed exercise debrief for the evaluated unit(s).

Training Plan. Training document that outlines the general plan for the conduct of individual and collective training in an organization for specified periods of time.

U

Unit CRP. Unit CRP is a percentage of the E-Coded collective events that support the unit METL accomplished by the unit. Unit CRP is the average of all MET CRP.

Unit Evaluation. All units in the Marine Corps must be evaluated, either formally or informally, to ensure they are capable of conducting their combat mission. Informal evaluations should take place during all training events. The timing of formal evaluations is critical and should, when appropriate, be directly related to the units' operational deployment cycle. Formal evaluations should take place after the unit has been staffed with the majority of its personnel, has had sufficient time to train to individual and collective standards, and early enough in the training cycle so there is sufficient time to correctly identified weaknesses prior to deployment. All combat units and units' task organized for combat require formal evaluations prior to operational deployments.

Unit Training Management (UTM). Unit training management is the use of the SAT and Marine Corps training principles in a manner that maximizes training results and focuses the training priorities of the unit on its wartime mission. UTM governs the major peacetime training activity of the Marine Corps and applies to all echelons of the Total Force.

W

Waived Event. An event that is waived by a commanding officer when in his or her judgment, previous experience or related performance satisfies the requirement of a particular event.

EOD TRAINING AND READINESS MANUAL

APPENDIX C

CAREER PROGRESSION PHILOSOPHY

The EOD career progression philosophy is to provide a structured and progressive career education plan designed to produce a highly capable EOD Technician that can support the entire spectrum of warfare placing emphasis on the Marine Air Ground Task Force (MAGTF). This plan starts with the basic EOD Course that provides the core skills (2000 level) which are sustained and built upon by unit training and formal schools.

a. The Basic EOD Technician must be developed into a non-liner thinker who has a vision for the future. They must be able to immediately assume a position within and EOD element and be functional, while continuing their EOD education through core plus skills (2100-4000 level). Unit sustainment training and formal schools will improve their technical and tactical ability. The Basic EOD Technician must pursue an aggressive professional training regimen in order to be successful in this career field. The Marine that has graduated the Basic EOD Course at NAVSCOLEDOD and that has completed all required pre-deployment training identified by the command and EOD leadership will be considered combat capable.

b. The Senior EOD Technician will be expected to perform the duties of team leader of an EOD response team during independent operations and to assume positions of leadership within a MAGTF element, provide technical expertise to the commander and staff sections (3000-6000 level). This philosophy will further prepare them for a transition to the Master EOD Technician. The Senior EOD Technician has graduated the Basic EOD Course at NAVSCOLEOD and enhanced their training by mastering all Collective and Individual Events listed in the EOD T&R Manual. This Marine must garner deployed operational experience. This Marine will be ready to assume the role of a Response Element Leader or Assistant Section Leader.

c. The Master EOD Technician will be a true artisan of the EOD trade and be able to function in both a staff and operational capacity (6000-7000 level). The Master EOD Technician will receive specialized training that will compliment core, core plus skill and formal training in order to support operations at the MAGTF, MARFOR, Service, Theater, National, supporting establishment and external agencies. This combat qualified Marine will have acquired advanced training in numerous areas of EOD expertise. They are capable of supervising the full spectrum of EOD operations. They will be familiar with all aspects of the MAGTF and each individual component's need for EOD. At a minimum, this combat qualified Marine will be ready to assume the role of EOD Section leader and provide that synergy between the supported Command and EOD Section while conducting tactical operations.

EOD TRAINING AND READINESS MANUAL

APPENDIX D

CLASS V (W) REQUIREMENTS

1. The Class V listed in this appendix is required to train both the individual collective events.

2. TECOM G4 Ammo Branch has conducted a cost and supportability analysis for the subject T&R Ammunition Appendix.

3. Cost analysis: The annual cost for sustainment training ammunition for the total force is $22,285,244 using current year prices. This is an increase of $8,926,309 above the current allowance of $15,729,617.

4. This increase is attributed primarily to the increase in eight DODICs (listed below).

A059	Cartridge, 5.56mm Ball M855 10/Clip	$528,383
B643	Cartridge, 60mm High Explosive M888	$1,214,501
BA14	Cartridge, 60mm Smoke White Phosphorus M722A1	$1,327,632
C995	Cartridge and Launcher, 84mm M136 AT4	$850,830
DA54	Projectile, 155mm HE (IMX0101) w/Supp Charge	$3,315,155
DWEI	Pyrotechnic Initiator MK34 Mod 0	$771,216
M421	Charge, Demolition Shaped M3 Series 40 Pound	$907,815
M986	Charge, Demolition Sheet 0.333 Inch Thick	$1,029,458

5. If approved as written, collectively 7,213 New Mortar and Artillery projectiles (B643, BA14 & DA54) will be destroyed during EOD individual sustainment training at a cost of $5,857,288. Recommend this be reduced to one (1) per individual or 801 annually.

6. Incorporation of new ammo allowance: Ammunition Allowance changes will be made once this T&R is approved. Notification must be made to TECOM G4 Ammo Branch to initiate the approved change. The new allowances will be processed during the normal POM submission cycle. For new items, procurement lead time is normally 24 - 36 months after the POM approval. The availability of the new items will vary from item to item. For items supportable with the current ammunition inventory, the new allowance will be incorporated in the following FY update to the Detailed Allowance Report (DAR) and available for use starting 1 October. If the new allowance is needed sooner, coordination must be made with the Ammo Branch to incorporate the new allowance in the current year DAR.

DODIC	QUANTITIES INDIVIDUAL TRAINING	X 9 MARINES PER SECTION	QUANTITIES COLLECTIVE TRAINING	TOTAL FOR SECTION TRAINING	TOTAL CLASS V FOR 89 EOD SECTIONS
A011	3	27	0	27	2,403

A017	3	27	0	27	2,403
A059	1,610	14,490	0	14,490	1,289,610
A091	2	18	0	18	1,602
A363	402	3,618	0	3,618	322,002
A552	2	18	0	18	1,602
A555	12	108	0	108	9,612
A606	2	18	0	18	1,602
AA11	40	360	0	360	32,040
AA12	100	900	0	900	80,100
AA21	100	900	0	900	80,100
AA54	2	18	0	18	1,602
AA62	4	36	0	36	3,204
AA63	4	36	0	36	3,204
AA64	4	36	0	36	3,204
AA66	1	9	0	9	801
AX14	2	18	0	18	1,602
B546	0	0	1	1	89
B643	3	27	1	28	2,492
BA14	3	27	1	28	2,492
C869	0	0	01	1	89
C995	1	9	0	9	801
DA54	3	27	0	27	2,403
DA12	2	18	0	18	1,602
DWEC	4	36	0	36	3,204
DWED	4	36	0	36	3,204
DWEE	4	36	0	36	3,204
DWEI	6,050	54,450	0	54,450	4,846,050
DWGB	2	18	0	18	1,602
G900	26	234	0	234	20,826
G940	0	0	1	1	89
G950	0	0	1	1	89
K143	1	9	0	9	801
K250	1	9	0	9	801
K765	1	9	12	21	1,869
M023	29	261	3	264	23,496
M032	14	126	3	129	11,481
M039	0	0	2	2	178
M130	80	720	13	733	65,237
DODIC	**QUANTITIES INDIVIDUAL TRAINING**	**X 9 MARINES PER SECTION**	**QUANTITIES COLLECTIVE TRAINING**	**TOTAL FOR SECTION TRAINING**	**TOTAL CLASS V FOR 89 EOD SECTIONS**
M131	78	702	10	712	63,368
M174	13	117	0	117	10,413
M420	1	9	0	9	801
M421	1	9	0	9	801
M456	665	5,985	500	6,485	577,165
M474	2	18	0	18	1,602
M475	2	18	0	18	1,602
M476	2	18	0	18	1,602
M477	2	18	0	18	1,602

M478	2	18	0	18	1,602
M479	2	18	0	18	1,602
M480	2	18	0	18	1,602
M481	2	18	0	18	1,602
M482	2	18	0	18	1,602
M483	2	18	0	18	1,602
M484	2	18	0	18	1,602
M487	1	9	0	9	801
M591	7	63	3	66	5,874
M670	709	6,381	100	6,481	576,809
M757	4	36	2	38	3,382
M813	2	18	0	18	1,602
M980	15	135	0	135	12,015
M981	18	162	0	162	14,418
M982	10	90	0	90	8,010
M986	7	63	0	63	5,607
ML03	3	27	0	27	2,403
ML04	3	27	0	27	2,403
ML05	5	45	0	45	4,005
MM30	3	27	0	27	2,403
MM41	1	9	0	9	801
MM42	1	9	0	9	801
MM43	1	9	0	9	801
MM44	1	9	0	9	801
MM45	1	9	0	9	801
MM46	1	9	0	9	801
MM47	1	9	0	9	801
MM48	1	9	0	9	801
MN08	90	810	10	820	72,980
MN88	11	99	0	99	8,811
DODIC	**QUANTITIES INDIVIDUAL TRAINING**	**X 9 MARINES PER SECTION**	**QUANTITIES COLLECTIVE TRAINING**	**TOTAL FOR SECTION TRAINING**	**TOTAL CLASS V FOR 89 EOD SECTIONS**
MN90	18	162	0	162	14,418
MU40	2	18	0	18	1,602
MU41	2	18	0	18	1,602
MU42	2	18	0	18	1,602

UNIT	**number of Sections per unit**
1st EOD Company	13
11th MEU	2
13th MEU	2
15th MEU	2
2nd EOD Company	13
22nd MEU	2
24th MEU	2
26th MEU	2
3rd EOD Company	13

31st MEU	2
CLB-3	1
CLB-11	2
CLB-13	2
CLB-15	2
CLB-22	2
CLB-24	2
CLB-26	2
CLB-31	2
MWSS 171	1
MWSS 172	1
MWSS 271	1
MWSS 272	1
MWSS 273	1
MWSS 274	1
MWSS 371	1
MWSS 372	1
MWSS 373	1
MWSS 374	1
MWSS 471	1
MWSS 472	1
MWSS 473	1
MCB Camp Butler Japan	1
Camp Fuji Japan	1
Kaneohe Bay MCBH	1
MCB Camp Lejeune	1
MCB Camp Pendleton	1
MCB Quantico	1
MCAS Beaufort	1
MCAS Cherry Point	1
MCAS Iwakuni	1
MCAS Miramar	1
UNIT	**number of Sections per unit**
MCAS Yuma	1
CBIRF	2
MAGTFTC EOD	2
1st MSOB	2
2nd MSOB	2
3rd MSOB	2
MCSCG EOD	1
Total Number EOD Sections	103

DODIC	**NOMENCLATURE**
A011	CARTRIDGE, 12 GAGE SHOTGUN, #00 BUCKSHOT M19/M162
A017	CARTRIDGE, 12 GAGE SHOTGUN M162 #9 BUCKSHOT
A059	CARTRIDGE, 5.56MM BALL M855
A091	CARTRIDGE, .22 CAL BALL Long Rifle Match
A363	CARTRIDGE, 9MM BALL NATO XM882

A552	CARTRIDGE, .50 CAL M2/M33 BALL SNGL RND AC
A555	CARTRIDGE, .50 CAL M33 BALL LINKED MG
A606	CARTRIDGE, .50 CALIBER, MK 211 MOD 0 (API)
AA11	CARTRIDGE, 7.62MM, NATO, M118, SPECIAL BALL, LONG RANGE
AA12	CTG, 9MM FX MKG RED
AA21	CTG, 9MM FX MKG BLUE
AA54	12 Gauge Door Breaching M1030
AA60	CTG, 12 GAGE 3 INCH, #00 BUCKSHOT
AA62	CARTRIDGE, 12 GAUGE, MK 274 MOD 0, UVS EOD USE
AA63	CARTRIDGE, 12 GAUGE, MK 275 MOD 0, IEDSD EOD USE
AA64	CARTRIDGE, 12 GAUGE, MK 276 MOD 0 BLANK
AA66	CARTRIDGE, 12 GAUGE, MK 278 MOD 0 BLACK POWDER BLANK
AX14	PRIMER, PERCUSSION
B546	CARTRIDGE, 40MM HEDP M433
B643	CARTRIDGE, 60MM HE M888
BA14	CARTRIDGE, 60MM SMOKE WHITE PHOSPHORUS M722A1
C869	CARTRIDGE, 81MM HE M889/M889A1 with PD Fuze M935
C995	CTG & LAUNCHER, 84MM M136 AT-4
DA54	PROJECTILE, 155 MM HE (IMX-101)w/ SUPP CHG (REPLACES D529)
DA12	CHARGE, PROPELLING, 155MM, M231, MODULAR ARTILLERY CHARGE SYSTEM (MACS)
DWDN	CHARGE, MK 171 MOD 0, LIGHTWEIGHT DISPOSABLE DISRUPTER (LIDD)
DWEC	CARTRIDGE, 12 GAUGE, MK 277 MOD 0, ENHANCED BLANK
DWED	CARTRIDGE, 12 GAUGE, MK 279 MOD 0 STEEL SLUG
DWEE	CARTRIDGE, 12 GAUGE, MK 280 MOD 0 ALUMINUM SLUG
DWEI	LEAD, PYROTECHNIC WITH OUT CAP, MK 34 MOD 0 SHOCK TUBE W/O BLASTING CAP
DWGB	POWDER BAG CONTAINER ASSEMBLY, EOD
DWEC	CARTRIDGE, 12 GAUGE, MK 277 MOD 0, ENHANCED BLANK
G900	GRENADE, HAND, INCENDIARY, TH3, AN-M14
G940	GRENADE, HAND, SMOKE, GREEN, M18
G950	GRENADE, HAND, SMOKE, RED, M18
K143	MINE, APERS M18A1 W/FIRING DEVICE
K250	MINE, AT HEAVY M19
DODIC	**NOMENCLATURE**
K765	RIOT CONTROL AGENT, CS CAPSULE U/I EA
L283	SIGNAL, SMOKE AND ILLUMINATION MARINE MK 124 MOD 0
M023	CHARGE, DEMOLITION BLOCK M112 COMP C-4
M032	CHARGE, DEMOLITION 1 LB, TNT
M039	CHARGE, DEMOLITION 40 LB CRATERING
M130	CAP, BLASTING, M6, ELECTRIC
M131	CAP, BLASTING, M7, NON-ELECTRIC
M174	CARTRIDGE, CALIBER .50, BLANK, ELECTRICALLY INITIATED
M420	CHARGE, DEMOLITION, M2A4, 15 LB SHAPED CHARGE
M421	CHARGE, DEMOLITION SHAPED M3 40 POUND
M456	CORD, DETONATING REIN, 50 GRAIN PER FOOT
M474	CONTAINER, DEMOLITION CHARGE MK 1 MOD 0 CONICAL
M475	CONTAINER, DEMOLITION CHARGE MK 2 MOD 0 CONICAL
M476	CONTAINER, DEMOLITION CHARGE MK 3 MOD 0 CONICAL
M477	CONTAINER, DEMOLITION CHARGE MK 7 MOD 1 LINEAR

M478	CONTAINER, DEMOLITION CHARGE MK 7 MOD 2 LINEAR
M479	CONTAINER, DEMOLITION CHARGE MK 7 MOD 3 LINEAR
M480	CONTAINER, DEMOLITION CHARGE MK 7 MOD 4 LINEAR
M481	CONTAINER, DEMOLITION CHARGE MK 7 MOD 5 LINEAR
M482	CONTAINER, DEMOLITION CHARGE MK 7 MOD 6 LINEAR
M483	CONTAINER, DEMOLITION CHARGE MK 7 MOD 7 LINEAR
M484	CONTAINER, DEMOLITION CHARGE MK 7 MOD 8 LINEAR
M487	CONTAINER, DEMOLITION CHARGE MK 8 MOD 1
M591	DYNAMITE, MILITARY M1
M670	FUSE, BLASTING TIME M700,PKG 50-
M757	CHARGE ASSEMBLY, DEMOLITION M183 TAGGED COMP C-4
M813	SQUIB, ELEC
M980	CHARGE, DEMOLITION EXPLOSIVE SHEET 38 FT PETN 0.0831 IN THICK
M981	CHARGE, DEMOLITION EXPLOSIVE SHEET 25 Ft PETN 0.125 IN THICK
M982	CHARGE, DEMOLITION EXPLOSIVE SHEET 19 FT PETN 0.161 IN THICK
M986	CHARGE, DEMOLITION EXPLOSIVE SHEET 9 FT PETN 0.333 IN THICK
ML03	FIRING DEVICE, DEMOLITION MULTI-PURPOSE M142
ML04	CUTTER/EXROD/POWDER ACTUATED MK 23 MOD 0
ML05	CUTTER/EXROD/POWDER ACTUATED MK 24 MOD 0
MM30	CHARGE, BOOSTER FLEXIBLE 20 GRAM PETN MK 140 MOD 0
MM41	CHARGE, DEMOLITION FLEXIBLE LINEAR SHAPED 30 GRAINS PER FOOT
MM42	CHARGE, DEMOLITION FLEXIBLE LINEAR SHAPED 40 GRAINS PER FOOT
MM43	CHARGE, DEMOLITION FLEXIBLE LINEAR SHAPED 60 GRAINS PER FOOT
MM44	CHARGE, DEMOLITION FLEXIBLE LINEAR SHAPED 75 GRAINS PER FOOT
MM45	CHARGE, DEMOLITION FLEXIBLE LINEAR SHAPED 125 GRAINS PER FOOT
MM46	CHARGE, DEMOLITION FLEXIBLE LINEAR SHAPED 225 GRAINS PER FOOT
MM47	CHARGE, DEMOLITION FLEXIBLE LINEAR SHAPED 400 GRAINS PER FOOT
MM48	CHARGE, DEMOLITION FLEXIBLE LINEAR SHAPED 600 GRAINS PER FOOT
MN08	IGNITER, TIME BLASTING FUSE, M81, WEATHERPROOF W/SHOCK TUBE CAPABILITY
MN52	DETONATOR, NON-ELECTRIC, DUAL MK 154 MOD 0, MINI WITH PERCUSSION PRIMERS
MN88	CAP BLASTING, NON-ELECTRIC, M21 WITH 500 FT. MINITUBE
MN90	CAP, BLASTING, NON-ELECTRIC, M23, WITH 1000 FT. MINI TUBE
DODIC	**NOMENCLATURE**
MU40	CORD, DETONATING, 400 GRAINS PER FOOT
MU41	CORD, DETONATION, 400 GRAINS PER FOOT
MU42	CORD, DETONATING, 100 GRAINS PER FOOT

The below matrix for Methods of Entry (MOES) is provided for reference only, refer to the MEU T&R for allowances.

DODIC	Section Quantities	Sustainment Interval (6 month)
AX14	20	40
M023	5	10
M130	4	8
M456	100	200
M980	3	6
M981	3	6

M982	7	14
MM30	10	20
MM44	3	6
MM45	3	6
MM46	3	6
MM47	3	6
MN08	20	40
MN52	15	30
MU40	2	4
MU42	20	20
MM51	15	30