From: Commandant of the Marine Corps
To: Distribution List

Subj: EXPLOSIVE ORDNANCE DISPOSAL TRAINING AND READINESS MANUAL

Ref: (a) MCO P3500.72A  
(b) MCO 1553.3A  
(c) MCO 3400.3F  
(d) MCO 3500.27B W/Erratum  
(e) MCRP 3-0A  
(f) MCRP 3-0B  
(g) MCO 1553.2B

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 3500.66A

3. Scope

   a. The Core Capability Mission Essential Task List in this manual is used in Defense Readiness Reporting System (DRRS) for assessment and reporting of unit readiness. Units achieve training readiness for reporting in DRRS by gaining and sustaining proficiency in the training events in this manual at both collective (unit) and individual levels.

   b. 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. Commanders will use reference (c) to incorporate Nuclear, Biological, and Chemical Defense training into training plans and reference (d) to integrate Operational Risk Management. References (e) and (f) provide amplifying information for effective planning and management of training within the unit.

DISTRIBUTION STATEMENT A: Approved for public release; distribution is unlimited.
c. Formal school and training detachment commanders will use references (a) and (g) 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, 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.

T. M. MURRAY
By direction

DISTRIBUTION: PCN 10031978700
From: Commandant of the Marine Corps
To: Distribution List

Subj: EXPLOSIVE ORDNANCE DISPOSAL TRAINING AND READINESS MANUAL

Encl: (1) New page inserts to NAVMC 3500.66B

1. **Purpose.** To transmit page updates to the basic manual.

2. **Scope**
   
   a. In Chapter(s) 3 and 5 replace the word “hazards” with “components.”
   
   b. Replace Appendix D with enclosure (1).

3. **Information.** This change is out of the normal T&R review cycle and makes administrative changes to correct discrepancies identified by the Occupational Field Advocate and Operational Forces.

4. **Filing Instructions.** This change transmittal will be filed immediately following the signature page of the basic manual.

J. W. LUKEMAN

DISTRIBUTION: PCN 10031978701

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(Indicate location(s) of copy(ies) of this manual.)
RECORD OF CHANGES

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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 Learning Centers (FLCs) and Training Detachments to create courses of instruction. 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. However, it is not necessary to have all individuals within a unit fully trained in order for that organization to accomplish its assigned tasks. Manpower shortfalls, temporary assignments, leave, or other factors outside the commander’s control, often affect the ability to conduct individual training. During these periods, unit readiness is enhanced if emphasis is placed on the individual training of Marines on-hand. Subsequently, these Marines will be mission ready and capable of executing as part of a team when the full complement of personnel is available.
2. Commanders will ensure that all tactical training is focused on their combat mission. The T&R Manual is a tool to help develop the unit’s training plan. In most cases, unit training should focus on achieving unit proficiency in the core METL. However, commanders will adjust their training focus to support METLs associated with a major Operational Plan (OPLAN)/Contingency Plan (CONPLAN) or named operation as designated by their higher commander and reported accordingly in the DRRS. Tactical training will support the METL in use by the commander and be tailored to meet T&R standards. Commanders at all levels are responsible for effective combat training. The conduct of training in a professional manner consistent with Marine Corps standards cannot be over emphasized.

3. Commanders will provide personnel the opportunity to attend formal and operational level courses of instruction as required by this Manual. Attendance at all formal courses must enhance the warfighting capabilities of the unit as determined by the unit commander.

1002. UNIT TRAINING MANAGEMENT

1. Unit Training Management (UTM) is the application of the Systems Approach to Training (SAT) and the Marine Corps Training Principles. 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 wartime mission.

2. UTM techniques, described in references (b) and (e), provide commanders with the requisite tools and techniques to analyze, design, develop, implement, and evaluate the training of their unit. The Marine Corps Training Principles, explained in reference (b), provide sound and proven direction and are flexible enough to accommodate the demands of local conditions. These principles are not inclusive, nor do they guarantee success. They are guides that commanders can use to manage unit-training programs. The Marine Corps training principles are:

- Train as you fight
- Make commanders responsible for training
- Use standards-based training
- Use performance-oriented training
- Use mission-oriented training
- Train the MAGTF to fight as a combined arms team
- Train to sustain proficiency
- Train to challenge

3. To maintain an efficient and effective training program, leaders at every level must understand and implement UTM. Guidance for UTM and the process for establishing effective programs are contained in references (b), (e) and (f).

1003. SUSTAINMENT AND EVALUATION OF TRAINING

1. 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).

2. 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. Whether it involves individual or collective training events, they must ensure proficiency is sustained by requiring retraining of each event at or before expiration of the designated sustainment interval. Performance of the training event, however, is not sufficient to ensure combat readiness. Leaders at all levels must evaluate the performance of their Marines and the unit as they complete training events, and only record successful accomplishment of training based upon the evaluation. The goal of evaluation is to ensure that correct methods are employed to achieve the desired standard, or the Marines understand how they need to improve in order to attain the standard. Leaders must determine whether credit for completing a training event is recorded if the standard was not achieved. While successful accomplishment is desired, debriefing of errors can result in successful learning that will allow ethical recording of training event completion. 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.

3. 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. References (a) and (f) provide further guidance on the conduct of informal and formal evaluations using the Marine Corps Ground T&R Program.

1004. ORGANIZATION. The EOD T&R Manual is comprised of 4 chapters and 4 appendices. Chapter 1 is an overview of the Ground T&R Program. Chapter 2 lists the EOD Core METs, which are used as part of the DRRS. Chapter 3 contains collective events. Chapter 4-6 begins the chapters that capture individual events specific to a particular MOS, as noted. Appendix A contains acronyms and Appendix B contains terms and definitions. Additional appendices are noted in the table of contents.

1005. T&R EVENT CODING. An event contained within a T&R Manual is an individual or collective training standard. This section explains each of the components of a 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.

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., 2305, 2336 or EOD)

b. Second up to 4 characters indicate functional or duty area (e.g. C2, DEMO, INTL, etc.)

c. Third 4 characters indicate the unit size and supported unit, if applicable (1000 through 8000), 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.

<table>
<thead>
<tr>
<th>Individual Formal School Training Entry-Level (Core Skills)</th>
<th>Individual Training &amp; Career Progression MOJT, Career-level or Advanced-level School (Core Plus Skills)</th>
<th>Collective Training CREW/SECTION</th>
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<td>6000-Level</td>
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Figure 1-1: T&R Event Levels

(1) 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.

(2) Sequencing. A numerical code is assigned to each individual (1000-2000-level) or collective (3000-8000-level) training event. The first number identifies the size of the unit performing the event, as depicted in figure 1-1. The second number is available for T&R Manuals with collective events that support those in other manuals to identify the echelon of unit being supported by a particular collective event. If a collective event is supported by other events or is performed in general support without regard to echelon, then a zero “0” will be utilized as the second number. For
example: EOD-OPS-3801 would refer to an event conducted by an EOD Squad supporting a Regiment or Group, EOD-OPS-3001 would represent an event the Squad does in support of any sized unit. The event would not be labeled EOD-OPS-8001 because that would imply that a regiment sized EOD unit was performing some task. This is not possible, since no intelligence unit organizes in a unit larger than a Battalion. 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. Marine Expeditionary Units (MEU) CE events will be numbered 90XX – 93XX. Marine Expeditionary Brigade (MEB) CE events will be numbered 94XX – 96XX. Marine Expeditionary Force (MEF) CE events will be numbered 97XX – 99XX.

![Diagram](image-url)

**Figure 1-2: T&R Event Coding**

1006. **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.
4. Individual combat readiness is assessed as the percentage of required individual events in which a Marine is current. This translates as the percentage of training events for his/her MOS and grade that the Marine successfully completes within the directed sustainment interval. Individual skills are developed through a combination of 1000-level training (entry-level formal school courses), individual on-the-job training in 2000-level events, and follow-on formal school training. Skill proficiency is maintained by retraining in each event per the specified sustainment interval.

1007. 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:

\[
\text{MET CRP: } 75 + 100 + 25 + 50 + 75 = 325 \\
\text{Unit CRP: } \frac{325 \text{ (total MET CRP)}}{5 \text{ (total number of METS)}} = 65\%
\]

1008. T&R EVENT COMPOSITION

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.** This is the period, expressed in number of months, between evaluation or retraining requirements. Competencies and capabilities acquired through the accomplishment of training events are to be refreshed at pre-determined intervals. It is essential that these intervals be adhered to in order to ensure Marines maintain proficiency.

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 it use is strongly encouraged for collective events. This field can be of great value guiding a FLC 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 codes and event descriptions. The event components help the user determine what must be accomplished and to properly plan for the event. 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.

   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. After the publication of this order, all component events will identify the behaviors required in plain English but also by citing the precise event number the component event refers to, unless that component event only occurs as part of the collective event where it is listed. This provision will allow for specific events to be chained together in order to provide greater granularity for units and Marines executing the events, and clarity for those charged with evaluating unit performance.

12. 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.

13. Chained Events. Collective T&R events are supported by lower-level collective and individual T&R events. This enables unit leaders to effectively identify subordinate T&R events that ultimately support specific mission essential tasks. When the accomplishment of any upper-level events, by their nature, result in the performance of certain subordinate and related
events, the events are “chained.” The completion of chained events will update sustainment interval credit (and CRP for E-Coded events) for the related subordinate level events.

14. Related ITEs. A list of all of the Individual Training Events (1000-2000-level events) that support the event.

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

16. 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.

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

18. 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.

19. Suitability of Simulation/Simulators/DL products. If the TRMG determines that an event can be trained to standard by use of simulation, simulator or a DL product, this will be noted in the event title in a parenthetical remark. Figure 1-3 contains all acceptable codes. The specific simulation, simulator or DL product that is acceptable for training will be noted in the description block and in Supporting Requirements block.
<table>
<thead>
<tr>
<th>Code</th>
<th>Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>L</td>
<td>Event able to be performed to standard only live environment</td>
</tr>
<tr>
<td>S</td>
<td>Event performed with simulation and/or simulator, particularly when it is unsafe to conduct the training in a live environment and when supporting live training used as a capstone event to a training continuum that includes academics, simulation-based, and live training</td>
</tr>
<tr>
<td>S/L</td>
<td>Event performed with simulation and/or simulator preferred/live optional. If the resources available do not allow for live training to occur, simulation-based training can assist in maintaining proficiency and provide a means to temporarily fill those identified training gaps.</td>
</tr>
<tr>
<td>DL</td>
<td>Event shall be performed by self-paced, technology-enabled training (i.e. MarineNet)</td>
</tr>
<tr>
<td>DL/L</td>
<td>Event may be performed by self-paced, technology enabled training or in a live environment</td>
</tr>
</tbody>
</table>

Figure 1-3: Acceptable Codes

20. 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

b. An example of a T&R event is provided in figure 1-4.
1009. CHEMICAL BIOLOGICAL RADIOLOGICAL NUCLEAR (CBRN) 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 climate 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. OPERATIONAL RISK MANAGEMENT (ORM)

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

2. Commanders, leaders, maintainers, planners, and schedulers will integrate risk assessment in the decision-making process and implement hazard controls to reduce risk to acceptable levels. Applying the ORM process will reduce mishaps, lower costs, and provide for more efficient use of resources. ORM assists the commander in conserving lives and resources and avoiding unnecessary risk, making an informed decision to implement a Course Of Action (COA), identifying feasible and effective control measures where specific measures do not exist, and providing reasonable alternatives for mission accomplishment. Most importantly, ORM assists the commander in determining the balance between training realism and unnecessary risks in training, the impact of training operations on the environment, and the adjustment of training plans to fit the level of proficiency and experience of Sailors/Marines and leaders. Further guidance for ORM is found in references (b) and (d).

1012. MARINE CORPS GROUND T&R PROGRAM

1. The Marine Corps Ground T&R Program continues to evolve. The vision for Ground T&R Program is to publish a T&R Manual for every readiness-reporting unit so that core capability METs are clearly defined with supporting collective training standards, and to publish community-based T&R Manuals for all occupational fields whose personnel augment other units to increase their combat and/or logistic capabilities. The vision for this program includes plans to provide a Marine Corps training management information system that enables tracking of unit and individual training accomplishments by unit commanders and small unit leaders, automatically computing CRP for both units and individual Marines based upon MOS and rank (or billet). Linkage of T&R Events to the MCTL, through the core capability METs, has enabled objective assessment of training readiness in the DRRS.

2. DRRS measures and reports on the readiness of military forces and the supporting infrastructure to meet missions and goals assigned by the Secretary of Defense. With unit CRP based on the unit’s training toward its
METs, the CRP will provide a more accurate picture of a unit’s readiness. This will give fidelity to future funding requests and factor into the allocation of resources. Additionally, the Ground T&R Program will help to ensure training remains focused on mission accomplishment and that training readiness reporting is tied to units’ METLs.
EOD T&I MANUAL

CHAPTER 2

MISSION ESSENTIAL TASKS MATRIX

<table>
<thead>
<tr>
<th>PARAGRAPH</th>
<th>PAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>EOD CORE MISSION ESSENTIAL TASK LIST (METL)</td>
<td>2000</td>
</tr>
<tr>
<td>EOD MISSION ESSENTIAL TASKS (MET) MATRIX</td>
<td>2001</td>
</tr>
</tbody>
</table>
2000. EOD CORE MISSION ESSENTIAL TASK LIST (METL). The EOD METL Table lists the Standardized Core Mission Essential Tasks (MET), derived from the Marine Corps Task List (MCTL), for the EOD Occupational Field. This METL is used for readiness reporting in the Defense Readiness Reporting System (DRRS).

**EOD CORE MISSION ESSENTIAL TASKS**

<table>
<thead>
<tr>
<th>MARINE CORPS TASK LIST</th>
<th>(UNIT NAME #1) CORE METL</th>
</tr>
</thead>
<tbody>
<tr>
<td>MCT 6.8.1</td>
<td>Conduct Explosive Ordnance Disposal (EOD) Operations on Unexploded Explosive Ordnance (UXO)</td>
</tr>
<tr>
<td>MCT 6.8.2</td>
<td>Conduct Explosive Ordnance Disposal (EOD) Operations on Improvised Explosive Devices (IED)</td>
</tr>
<tr>
<td>MCT 6.8.3</td>
<td>Conduct EOD Operations on WMD Including Chemical, Biological, and Radiological Threats</td>
</tr>
<tr>
<td>MCT 6.8.4</td>
<td>Conduct Explosive Ordnance Disposal (EOD) Operations on Conventional Ordnance</td>
</tr>
<tr>
<td>MCT 6.8.5</td>
<td>Conduct EOD Operations on Nuclear Explosive Ordnance Accidents/Incidents</td>
</tr>
</tbody>
</table>

2001. EOD MISSION ESSENTIAL TASKS MATRIX. The EOD Mission Essential Task Matrix contain the METs identified in the community’s METL. The Supply Administration and Operations MET matrix includes the designated MET number and supporting collective events.

**MET#/MISSION ESSENTIAL TASK**

<table>
<thead>
<tr>
<th>MET #</th>
<th>CONDUCT EXPLOSIVE ORDNANCE DISPOSAL (EOD) OPERATIONS ON UNEXPLODED EXPLOSIVE ORDNANCE (UXO)</th>
</tr>
</thead>
<tbody>
<tr>
<td>EOD-ADMN-6001</td>
<td>Provide full spectrum EOD Support</td>
</tr>
<tr>
<td>EOD-C2-6001</td>
<td>Employ EOD forces</td>
</tr>
<tr>
<td>EOD-C2-6002</td>
<td>Conduct Company Explosive Ordnance Disposal Operations Center (EODOC) Operations</td>
</tr>
<tr>
<td>EOD-ADMN-4001</td>
<td>Provide Support to Other Government Agencies in Support of the Homeland Defense Mission</td>
</tr>
<tr>
<td>EOD-ADMN-3001</td>
<td>Respond to an Aircraft Incident</td>
</tr>
<tr>
<td>EOD-CBRN-3001</td>
<td>Conduct CBRN Response Operations</td>
</tr>
<tr>
<td>EOD-DEMO-3201</td>
<td>Conduct Destruction of Explosive Hazards</td>
</tr>
<tr>
<td>EOD-DEMO-3001</td>
<td>Conduct disposal of explosive hazards</td>
</tr>
<tr>
<td>EOD-INTL-3401</td>
<td>Conduct Post Blast Analysis</td>
</tr>
<tr>
<td>EOD-OPS-3001</td>
<td>Conduct Sensitive Site Exploitation</td>
</tr>
<tr>
<td>EOD-OPS-3002</td>
<td>Conduct unexploded explosive ordnance (UXO) response operations</td>
</tr>
<tr>
<td>EOD-OPS-3008</td>
<td>Conduct Tactical Combat Casualty Care</td>
</tr>
</tbody>
</table>
### MET 2. CONDUCT EXPLOSIVE ORDNANCE DISPOSAL (EOD) OPERATIONS ON IMPROVISED EXPLOSIVE DEVICES (IED)

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>EOD-ADMN-6001</td>
<td>Provide full spectrum EOD Support</td>
</tr>
<tr>
<td>EOD-C2-6001</td>
<td>Employ EOD forces</td>
</tr>
<tr>
<td>EOD-C2-6002</td>
<td>Conduct Company Explosive Ordnance Disposal Operations</td>
</tr>
<tr>
<td>EOD-ADMN-4001</td>
<td>Provide Support to Other Government Agencies in Support of the Homeland Defense Mission</td>
</tr>
<tr>
<td>EOD-CBRN-4001</td>
<td>Conduct Emergency Decontamination Operations</td>
</tr>
<tr>
<td>EOD-CBRN-3001</td>
<td>Conduct CBRN Response Operations</td>
</tr>
<tr>
<td>EOD-DEMO-3001</td>
<td>Conduct disposal of explosive hazards</td>
</tr>
<tr>
<td>EOD-INTL-3401</td>
<td>Conduct Post Blast Analysis</td>
</tr>
<tr>
<td>EOD-OPS-3001</td>
<td>Conduct Sensitive Site Exploitation</td>
</tr>
<tr>
<td>EOD-OPS-3003</td>
<td>Conduct full spectrum EOD operations</td>
</tr>
<tr>
<td>EOD-OPS-3004</td>
<td>Conduct IED operations</td>
</tr>
<tr>
<td>EOD-OPS-3008</td>
<td>Conduct Tactical Combat Casualty Care</td>
</tr>
</tbody>
</table>

### MET 3. CONDUCT EOD OPERATIONS ON WMD INCLUDING, CHEMICAL, BIOLOGICAL, AND RADIOLOGICAL THREATS

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>EOD-ADMN-6001</td>
<td>Provide full spectrum EOD Support</td>
</tr>
<tr>
<td>EOD-C2-6001</td>
<td>Employ EOD forces</td>
</tr>
<tr>
<td>EOD-C2-6002</td>
<td>Conduct Company Explosive Ordnance Disposal Operations</td>
</tr>
<tr>
<td>EOD-ADMN-4001</td>
<td>Provide Support to Other Government Agencies in Support of the Homeland Defense Mission</td>
</tr>
<tr>
<td>EOD-CBRN-4001</td>
<td>Conduct Emergency Decontamination Operations</td>
</tr>
<tr>
<td>EOD-CBRN-3001</td>
<td>Conduct CBRN Response Operations</td>
</tr>
<tr>
<td>EOD-DEMO-3001</td>
<td>Conduct disposal of explosive hazards</td>
</tr>
<tr>
<td>EOD-INTL-3401</td>
<td>Conduct Post Blast Analysis</td>
</tr>
<tr>
<td>EOD-OPS-3001</td>
<td>Conduct Sensitive Site Exploitation</td>
</tr>
<tr>
<td>EOD-OPS-3003</td>
<td>Conduct full spectrum EOD operations</td>
</tr>
<tr>
<td>EOD-OPS-3005</td>
<td>Conduct WMD operations</td>
</tr>
<tr>
<td>EOD-OPS-3008</td>
<td>Conduct Tactical Combat Casualty Care</td>
</tr>
</tbody>
</table>

### MET 4. CONDUCT EXPLOSIVE ORDNANCE DISPOSAL (EOD) OPERATIONS ON CONVENTIONAL ORDNANCE

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>EOD-ADMN-6001</td>
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<tr>
<td>EOD-C2-6001</td>
<td>Employ EOD forces</td>
</tr>
<tr>
<td>EOD-C2-6002</td>
<td>Conduct Company Explosive Ordnance Disposal Operations</td>
</tr>
<tr>
<td>EOD-ADMN-4001</td>
<td>Provide Support to Other Government Agencies in Support of the Homeland Defense Mission</td>
</tr>
<tr>
<td>EOD-ADMN-3001</td>
<td>Respond to an Aircraft Incident</td>
</tr>
<tr>
<td>EOD-CBRN-3001</td>
<td>Conduct CBRN Response Operations</td>
</tr>
<tr>
<td>EOD-DEMO-3001</td>
<td>Conduct disposal of explosive hazards</td>
</tr>
<tr>
<td>EOD-INTL-3401</td>
<td>Conduct Post Blast Analysis</td>
</tr>
<tr>
<td>EOD-OPS-3001</td>
<td>Conduct Sensitive Site Exploitation</td>
</tr>
<tr>
<td>EOD-OPS-3003</td>
<td>Conduct full spectrum EOD operations</td>
</tr>
<tr>
<td>EOD-OPS-3006</td>
<td>Conduct conventional explosive ordnance operations</td>
</tr>
<tr>
<td>EOD-OPS-3008</td>
<td>Conduct Tactical Combat Casualty Care</td>
</tr>
</tbody>
</table>

### MET 5. CONDUCT EOD OPERATIONS ON NUCLEAR EXPLOSIVE ORDNANCE ACCIDENTS/THREATS
<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>EOD-ADMN-6001</td>
<td>Provide full spectrum EOD Support</td>
</tr>
<tr>
<td>EOD-C2-6001</td>
<td>Employ EOD forces</td>
</tr>
<tr>
<td>EOD-C2-6002</td>
<td>Conduct Company Explosive Ordnance Disposal Operations</td>
</tr>
<tr>
<td></td>
<td>Center (EODOC) Operations</td>
</tr>
<tr>
<td>EOD-ADMN-4001</td>
<td>Provide Support to Other Government Agencies in Support of the Homeland Defense Mission</td>
</tr>
<tr>
<td>EOD-CBRN-4001</td>
<td>Conduct Emergency Decontamination Operations</td>
</tr>
<tr>
<td>EOD-ADMN-3001</td>
<td>Respond to an Aircraft Incident</td>
</tr>
<tr>
<td>EOD-DEMO-3001</td>
<td>Conduct disposal of explosive hazards</td>
</tr>
<tr>
<td>EOD-INTL-3401</td>
<td>Conduct Post Blast Analysis</td>
</tr>
<tr>
<td>EOD-OPS-3001</td>
<td>Conduct Sensitive Site Exploitation</td>
</tr>
<tr>
<td>EOD-OPS-3003</td>
<td>Conduct full spectrum EOD operations</td>
</tr>
<tr>
<td>EOD-OPS-3007</td>
<td>Provide nuclear ordnance operations</td>
</tr>
<tr>
<td>EOD-OPS-3008</td>
<td>Conduct Tactical Combat Casualty Care</td>
</tr>
</tbody>
</table>
# EOD T&R Manual

## Chapter 3

### Collective Events

<table>
<thead>
<tr>
<th>Paragraph</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Purpose</td>
<td>3-2</td>
</tr>
<tr>
<td>Event Coding</td>
<td>3-2</td>
</tr>
<tr>
<td>Index of Collective Events</td>
<td>3-3</td>
</tr>
<tr>
<td>6000-LEVEL EVENTS</td>
<td>3-3</td>
</tr>
<tr>
<td>4000-LEVEL EVENTS</td>
<td>3-6</td>
</tr>
<tr>
<td>3000-LEVEL EVENTS</td>
<td>3-7</td>
</tr>
</tbody>
</table>
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:

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>EOD</td>
<td>Explosive Ordnance Disposal</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADMN</td>
<td>Administrative</td>
</tr>
<tr>
<td>C2</td>
<td>Command and Control</td>
</tr>
<tr>
<td>CBRN</td>
<td>Chemical, Biological, Radiological, Nuclear</td>
</tr>
<tr>
<td>DEMO</td>
<td>Demolition</td>
</tr>
<tr>
<td>IED</td>
<td>Improvised Explosive Device</td>
</tr>
<tr>
<td>INTL</td>
<td>Intelligence</td>
</tr>
<tr>
<td>MED</td>
<td>Medical</td>
</tr>
<tr>
<td>RSP</td>
<td>Render Safe Procedures</td>
</tr>
<tr>
<td>TOOL</td>
<td>Tool</td>
</tr>
</tbody>
</table>

c. Field three. This field provides the level at which the event is accomplished and numerical sequencing of events. A numerical code is assigned to each collective training event. The first number identifies the size of the unit performing the event. The second number identifies the echelon of unit being supported by a particular collective event. If a collective event is supported by other events or is performed in general support without regard to echelon, then a zero "0" will be utilized as the second number. For example: EOD-OPS-3801 would refer to an event conducted by a four EOD Marines supporting a Regiment or Group, EOD-OPS-3001 would represent an event the EOD squad does in support of any sized unit. The event would not be labeled EOD-OPS-8001 because that would imply that a regiment sized unit was performing some task. 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 to which the staff belongs. For example: an EOD Company staff conducting planning for a Homeland Defense mission would be labeled as EOD-OPS-6001 even though the entire Company is not actively involved in the planning of the operation. This chapter contains the following event levels:
3002. INDEX OF COLLECTIVE EVENTS

<table>
<thead>
<tr>
<th>EVENT CODE</th>
<th>E-CODED</th>
<th>EVENT DESCRIPTION</th>
<th>PAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>EOD-ADMN-6001</td>
<td>Y</td>
<td>Provide full spectrum EOD Support</td>
<td>3-3</td>
</tr>
<tr>
<td>EOD-C2-6001</td>
<td>Y</td>
<td>Employ EOD forces</td>
<td>3-4</td>
</tr>
<tr>
<td>EOD-C2-6002</td>
<td>N</td>
<td>Conduct Company Explosive Ordnance Disposal Operations Center (EODOC) Operations</td>
<td>3-4</td>
</tr>
<tr>
<td>EOD-ADMN-4001</td>
<td>Y</td>
<td>Provide Support to Other Government Agencies in Support of the Homeland Defense Mission</td>
<td>3-6</td>
</tr>
<tr>
<td>EOD-CBRN-4001</td>
<td>N</td>
<td>Conduct Emergency Decontamination Operations</td>
<td>3-6</td>
</tr>
<tr>
<td>EOD-ADMN-3001</td>
<td>Y</td>
<td>Respond to an Aircraft Incident</td>
<td>3-7</td>
</tr>
<tr>
<td>EOD-CBRN-3001</td>
<td>Y</td>
<td>Conduct CBRN Response Operations</td>
<td>3-8</td>
</tr>
<tr>
<td>EOD-DEMO-3001</td>
<td>Y</td>
<td>Conduct disposal of explosive hazards components</td>
<td>3-8</td>
</tr>
<tr>
<td>EOD-DEMO-3002</td>
<td>Y</td>
<td>Conduct destruction of explosive components</td>
<td>3-9</td>
</tr>
<tr>
<td>EOD-INTL-3401</td>
<td>Y</td>
<td>Conduct Post Blast Analysis</td>
<td>3-10</td>
</tr>
<tr>
<td>EOD-OPS-3001</td>
<td>Y</td>
<td>Conduct Sensitive Site Exploitation</td>
<td>3-11</td>
</tr>
<tr>
<td>EOD-OPS-3002</td>
<td>Y</td>
<td>Conduct unexploded explosive ordnance (UXO) response operations</td>
<td>3-12</td>
</tr>
<tr>
<td>EOD-OPS-3003</td>
<td>Y</td>
<td>Conduct full spectrum EOD operations</td>
<td>3-13</td>
</tr>
<tr>
<td>EOD-OPS-3004</td>
<td>Y</td>
<td>Conduct IED operations</td>
<td>3-14</td>
</tr>
<tr>
<td>EOD-OPS-3005</td>
<td>Y</td>
<td>Conduct WMD operations</td>
<td>3-15</td>
</tr>
<tr>
<td>EOD-OPS-3006</td>
<td>Y</td>
<td>Conduct conventional explosive ordnance operations</td>
<td>3-15</td>
</tr>
<tr>
<td>EOD-OPS-3007</td>
<td>Y</td>
<td>Provide nuclear ordnance operations</td>
<td>3-16</td>
</tr>
<tr>
<td>EOD-OPS-3008</td>
<td>N</td>
<td>Conduct Tactical Combat Casualty Care</td>
<td>3-17</td>
</tr>
</tbody>
</table>

3003. 6000-LEVEL EVENTS

**EOD-ADMN-6001**: Provide full spectrum EOD Support

**SUPPORTED MET(s):**

- MCT 4.6.3
- 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**: This task supports the MAGTF, SE, 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 locate, access, identify, render safe, neutralize, exploit/analyze and dispose of hazards from foreign and domestic, Chemical Biological Radiological Nuclear and High-Yield Explosive (CBRNE), UXO, IED, and WMD that present a threat to operations, installations, personnel or materiel.

EVENT COMPONENTS:
1. Analyze mission.
2. Plan command and control.
3. Task organize EOD personnel and equipment.

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

EOD-C2-6001: Employ EOD forces

SUPPORTED MET(S):
MCT 4.6.3  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: 24 months

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

STANDARD: Ensuring mission accomplishment.

EVENT COMPONENTS:
1. Conduct task analysis.
2. Conduct staff estimates.
3. Task organize forces.
4. Conduct pre-deployment training.
5. Conduct combat casualty care training.
6. Conduct advanced marksmanship training.
7. Conduct site survey, if applicable.
8. Conduct embarkation and rehearsal.

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

SUPPORT REQUIREMENTS:

ORDNANCE:

<table>
<thead>
<tr>
<th>DODIC</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>A059 Cartridge, 5.56mm Ball M855 10/Clip</td>
<td>1600 Per per Marine</td>
</tr>
<tr>
<td>A363 Cartridge, 9mm Ball M882</td>
<td>400 Per per Marine</td>
</tr>
<tr>
<td>AA12 Cartridge, 9mm FX Red Marking</td>
<td>100 Per per Marine</td>
</tr>
<tr>
<td>AA21 Cartridge, 9mm FX Blue Marking</td>
<td>100 Per per Marine</td>
</tr>
</tbody>
</table>

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

**SUPPORTED MET(S):**
- MCT 4.6.3
- 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 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:** Facilitate command and control, as well as facilitate information processing and exchange between employed EOD teams and higher/adjacent/supported agencies appropriate to METT-TSL, commanders' intent and unit SOPs.

**EVENT COMPONENTS:**
1. Plan an EOD Operations Center (EODOC).
2. Conduct a review of Unit EODOC SOP.
3. Inspect embark boxes, audio visual equipment, computer systems, commelec equipment, generators, lighting systems, and other organizational equipment and furniture.
4. Establish EODOC.
6. Provide administrative support to subordinate teams.
7. Facilitate intelligence support to subordinate teams, including the submission of support requests for imagery, maps, ISR, exploitation analysis cell, and other intel support.
8. Assist in the development of a collection plan in order to support the HHQ/supported-unit(s) scheme of maneuver.
11. Conduct/facilitate tactical logistics support subordinate teams.
12. Provide communications support to subordinate teams.
13. Conduct sustained command/control functions, utilizing EODOC watch schedules and assigned assets.
14. Conduct battle drills/scenario training, including the systematic receipt of information from subordinate teams and the steps required at each level to react to/exploit the situation (e.g. Platoon, Section or Team Situation Reports; Response Reports; etc).
15. Maintain and update situational maps via electronic systems and wall maps as necessary.
16. Maintain and update information on operations, intelligence, and communications contingency boards displayed in EODOC.
17. Coordinate with HHQ, FSC, Current Operations, Future Operations and other supported agency planning efforts in support of current and future missions.

**REFERENCES:**
1. AEODPS 60 Series Automated EOD Publication System
2. MCO 3571.2_ Explosive Ordnance Disposal (EOD) Program
3004. 4000-LEVEL EVENTS

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

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

EVALUATION-CODED: YES  SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: The multi/Joint Service EOD Program provides EOD Teams to Very Important Persons Protection Agency (VIPPSA) in support of the President of the United States, Vice President, and other dignitaries as directed. Furthermore, many communities do not have organic civilian EOD units to respond to the threat of improvised explosive devices, and they rely on the closest military EOD unit for this function. Military EOD is required to respond to all calls when an item is military ordnance as the military has the "cradle to grave" responsibility.

CONDITION: Given a requirement.

STANDARD: Ensuring all explosive components are mitigated.

EVENT COMPONENTS:
1. Ensure MOA's are in place with the local communities.
2. Coordinate with higher headquarters.
3. Provide the necessary support as requested.
4. Complete the required report.

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

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: In order to successfully perform this task personnel must have advanced/evasive driving skills. Refer to CID: A16M9K3 Antiterrorism/Evasive driving course.

EOD-CBRN-4001: Conduct Emergency Decontamination Operations

SUPPORTED MET(S):
MCT 6.8.2 MCT 6.8.3 MCT 6.8.5

EVALUATION-CODED: NO  SUSTAINMENT INTERVAL: 12 months

CONDITION: Given an environment, equipment, and personnel.

STANDARD: To eliminate the spread of contamination from personnel and equipment exposed.

EVENT COMPONENTS:
1. Assess situation/contamination.
2. Determine exclusion area/downwind hazard distance.
3. Establish Hotline.
4. Process personnel and equipment.

REFERENCES:
1. Applicable Marine Corps Orders and Directives
2. National Response Plan
3. AEODPS 60 Series Automated EOD Publication System
5. DODDIR 3150.8 DOD Response to Radiological Accidents

SUPPORT REQUIREMENTS:

ORDNANCE:

<table>
<thead>
<tr>
<th>DODIC</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>K765 CS</td>
<td>12 Per per Section</td>
</tr>
</tbody>
</table>

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

OTHER SUPPORT REQUIREMENTS: Viscous material to act as agents.

3005. 3000-LEVEL EVENTS

EOD-ADMN-3001: Respond to an Aircraft Incident

SUPPORTED MET(S):
MCT 4.6.3  MCT 6.8.1  MCT 6.8.3
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 a requirement.

STANDARD: To mitigate explosive components and safely recover equipment/personnel.

EVENT COMPONENTS:
1. Conduct mission analysis.
2. Develop Plan.
4. Complete the required report.

REFERENCES:
1. AEODPS 60 Series Automated EOD Publication System
2. MCO 3571.2_ Explosive Ordnance Disposal (EOD) Program
EOD-CBRN-3001: Conduct CBRN Response Operations

SUPPORTED MET(S):
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 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. Set up a hot line or safe area.
3. Gather all intelligence.
4. Plot downwind hazard area.
5. Clear the downwind hazard area of all personnel.
6. Choose and don correct PPE.
7. Prepare RSP tools and equipment.
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

SUPPORT REQUIREMENTS:

ORDNANCE:

DODIC | Quantity
--- | ---
K765 Riot Control Agent, CS | 12 Per per squad

OTHER SUPPORT REQUIREMENTS: Fissile material or agent that will test positive.

EOD-DEMO-3001: Conduct disposal of explosive hazards

SUPPORTED MET(S):
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 demolitions material, EOD tools, and explosive components.

STANDARD:  To eliminate all threats/hazards.

EVENT COMPONENTS:
1. Determine scale of disposal.
2. Task organize force.
3. Verify complete disposal.
4. Submit report.

REFERENCES:
1. Applicable Marine Corps Orders and Directives
2. Military Munitions Rule
3. AEODPS 60 Series Automated EOD Publication System
4. MCO 3440.7 Marine Corps Support to Civil Authorities
5. NAVSEA OP 5 Vol 1 Ammunition and Explosives/Arms Safety Regulations of Handling, Storage, Production, Renovation and Shipping
6. NAVSEA SWO60-AA-MMA-010 Demolition Materials
7. Op Order Annex C Appendix 13

SUPPORT REQUIREMENTS:

ORDNANCE:

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<thead>
<tr>
<th>DODIC</th>
<th>Quantity</th>
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<tbody>
<tr>
<td>M023 Charge, Demolition Block M112 1-1/4</td>
<td>2 Per per Marine</td>
</tr>
<tr>
<td>M131 Cap, Blasting Non-Electric M7</td>
<td>10 Per per Marine</td>
</tr>
<tr>
<td>M456 Cord, Detonating PETN Type I Class E</td>
<td>100 FT per Marine</td>
</tr>
<tr>
<td>M670 Fuse, Blasting Time M700</td>
<td>100 FT per Marine</td>
</tr>
<tr>
<td>M757 Charge, Assembly Demolition M183 Com</td>
<td>1 Per per Marine</td>
</tr>
<tr>
<td>M980 Charge, Demolition Sheet 0.0831 Inch</td>
<td>2 FT per Marine</td>
</tr>
<tr>
<td>M981 Charge, Demolition Sheet 0.125 Inch</td>
<td>2 FT per Marine</td>
</tr>
<tr>
<td>M982 Charge, Demolition Sheet 0.161 Inch</td>
<td>2 FT per Marine</td>
</tr>
<tr>
<td>M986 Sheet Explosive</td>
<td>2 FT per Marine</td>
</tr>
<tr>
<td>MN08 Igniter, Time Blasting Fuse with Sho</td>
<td>10 Per per Marine</td>
</tr>
</tbody>
</table>

RANGE/TRAINING AREA:  Facility Code 17830 Light Demolition Range

EQUIPMENT:  Demolition Kit

UNITS/PERSONNEL:  Corpsman with Trauma Training

EOD-DEMO-3002:  Conduct destruction of explosive components

SUPPORTED MCT(S):

<table>
<thead>
<tr>
<th>MCT 4.6.3</th>
<th>MCT 6.8.1</th>
<th>MCT 6.8.4</th>
</tr>
</thead>
</table>

EVALUATION-CODED:  YES  SUSTAINMENT INTERVAL:  12 months

CONDITION:  Given demolitions material, EOD tools, safe disposal area, and an explosive components.

STANDARD:  To ensure the complete destruction of all related explosive components.
EVENT COMPONENTS:
1. Select disposal site.
2. Select disposal method.
4. Determine demolition material requirements.
5. Calculate safe distance.
6. Prepare disposal materials.
7. Initiate firing train.
8. Verify complete disposal.

REFERENCES:
1. Applicable Marine Corps Orders and Directives
2. Military Munitions Rule
3. AEODPS 60 Series Automated EOD Publication System
4. MCO 3440.7 Marine Corps Support to Civil Authorities
5. NAVSEA OP 5 Vol 1 Ammunition and Explosives/Ashore Safety Regulations of Handling, Storage, Production, Renovation and Shipping
6. NAVSEA SW060-AA-MMA-010 Demolition Materials
7. Op Order Annex C Appendix 13

SUPPORT REQUIREMENTS:

ORDNANCE:

<table>
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<tr>
<th>DODIC</th>
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<tr>
<td>G940 Grenade, Hand Green Smoke M18</td>
<td>1 Per per Section</td>
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<tr>
<td>G950 Grenade, Hand Red Smoke M18</td>
<td>1 Per per Section</td>
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<tr>
<td>M131 Cap, Blasting Non-Electric M7</td>
<td>10 Per per Section</td>
</tr>
<tr>
<td>M456 Cord, Detonating PETN Type I Class E</td>
<td>500 FT per Section</td>
</tr>
<tr>
<td>M670 Fuse, Blasting Time M700</td>
<td>100 FT per Section</td>
</tr>
<tr>
<td>M757 Charge, Assembly Demolition M183 Com</td>
<td>1 Per per Section</td>
</tr>
<tr>
<td>MN08 Igniter, Time Blasting Fuse with Sho</td>
<td>10 Per per Section</td>
</tr>
</tbody>
</table>

RANGE/TRAINING AREA: Facility Code 17830 Light Demolition Range

EQUIPMENT: Demolition Kit

UNITS/PERSONNEL: Corpsman with Trauma Training

EOD-INTL-3401: Conduct Post Blast Analysis

SUPPORTED MET(S):

<table>
<thead>
<tr>
<th>MCT 6.8.1</th>
<th>MCT 6.8.2</th>
<th>MCT 6.8.3</th>
</tr>
</thead>
<tbody>
<tr>
<td>6.8.4</td>
<td>6.8.5</td>
<td></td>
</tr>
</tbody>
</table>

EVALUATION-CODED: YES SUSTAINMENT INTERVAL: 12 months

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

STANDARD: To accurately identify ordnance type/explosive device type, Net Explosive Weight, components, possible initiation for intelligence and EOD reporting.
EVENT COMPONENTS:
1. Secure the area.
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

SUPPORT REQUIREMENTS:

ORDNANCE:

<table>
<thead>
<tr>
<th>DODIC</th>
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</tr>
</thead>
<tbody>
<tr>
<td>B643 Cartridge, 60mm High Explosive M888</td>
<td>1 Per per Section</td>
</tr>
<tr>
<td>C869 Cartridge, 81mm HE M889/M889A1 with</td>
<td>1 Per per Section</td>
</tr>
<tr>
<td>DA54 Projectile, 155mm HE (IMX-101) w/Sup</td>
<td>1 Per per Section</td>
</tr>
<tr>
<td>M023 Charge, Demolition Block M112 1-1/4</td>
<td>3 Per per Section</td>
</tr>
<tr>
<td>M032 Charge, Demolition Block TNT 1-Pound</td>
<td>3 Per per Section</td>
</tr>
<tr>
<td>M130 Cap, Blasting Electric M6</td>
<td>13 Per per Section</td>
</tr>
<tr>
<td>M591 Dynamite, Military M1</td>
<td>3 Per per Section</td>
</tr>
</tbody>
</table>

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

UNITS/PERSONNEL: Corpsman

EOD-OPS-3001: Conduct Sensitive Site Exploitation

SUPPORTED MET(S):
MCT 6.8.1  MCT 6.8.2  MCT 6.8.3
MCT 6.8.5

EVALUATION-CODED: YES  SUSTAINMENT INTERVAL: 12 months

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

STANDARD: To identify, gain access, mitigate, recover documents and equipment, weapons related explosive, hazardous components, and explosive or non-explosive hazards.

EVENT COMPONENTS:
1. Conduct mission analysis.
2. Develop a comprehensive plan.
3. Identify target/hazards.
4. Collect on-site intelligence.
5. Exploit documents, equipment, and weapons related explosive or hazardous components.
7. Document findings.
8. Report as required.

REFERENCES:
1. AEODPS 60 Series Automated EOD Publication System
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 Combating Weapons of Mass Destruction
8. MCWP 3-17.2 MAGTF Explosive Ordnance Disposal

SUPPORT REQUIREMENTS:

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

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

SUPPORTED MET(S): MCT 6.8.1

EVALUATION-CODED: YES SUSTAINMENT INTERVAL: 12 months

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

STANDARD: In order to mitigate threats to personnel, installations, and equipment.

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

REFERENCES:
1. AEODPS 60 Series Automated EOD Publication System
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,
6. FM 5-25 Explosives and Demolitions
7. JP 3-40 Combating Weapons of Mass Destruction
8. MWP 3-17.2 MAGTF Explosive Ordnance Disposal

**SUPPORT REQUIREMENTS:**

**ORDNANCE:**

<table>
<thead>
<tr>
<th>DODIC</th>
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<tbody>
<tr>
<td>M130 Cap, Blasting Electric M6</td>
<td>5 Per per Marine</td>
</tr>
<tr>
<td>M131 Cap, Blasting Non-Electric M7</td>
<td>5 Per per Marine</td>
</tr>
<tr>
<td>M174 Cartridge, Caliber .50 Impulse Elect</td>
<td>2 Per per Marine</td>
</tr>
<tr>
<td>M456 Cord, Detonating PETN Type I Class E</td>
<td>100 FT per Marine</td>
</tr>
<tr>
<td>M670 Fuse, Blasting Time M700</td>
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<td>M757 Charge, Assembly Demolition M183 Com</td>
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<td>2 FT per Marine</td>
</tr>
<tr>
<td>MN08 Igniter, Time Blasting Fuse with Sho</td>
<td>5 Per per Marine</td>
</tr>
</tbody>
</table>

**RANGE/TRAINING AREA:**

Facility Code 17830 Light Demolition Range
Facility Code 17962 MOUT Collective Training Facility (Small)

**EOD-OPS-3003:** Conduct full spectrum EOD operations

**SUPPORTED MET(S):**

<table>
<thead>
<tr>
<th>MCT 6.8.1</th>
<th>MCT 6.8.2</th>
<th>MCT 6.8.3</th>
</tr>
</thead>
<tbody>
<tr>
<td>MCT 6.8.4</td>
<td>MCT 6.8.5</td>
<td></td>
</tr>
</tbody>
</table>

**EVALUATION-CODED:** YES  **SUSTAINMENT INTERVAL:** 24 months

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

**STANDARD:** In order to mitigate threats/hazards to personnel, installations, and equipment.

**EVENT COMPONENTS:**

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

**REFERENCES:**

1. AEODPS 60 Series Automated EOD Publication System
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 Combating Weapons of Mass Destruction
8. MCWP 3-17.2 MAGTF Explosive Ordnance Disposal

SUPPORT REQUIREMENTS:

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

EOD-OPS-3004: Conduct IED operations

SUPPORTED MET(S): MCT 6.8.2

EVALUATION-CODED: YES SUSTAINMENT INTERVAL: 12 months

CONDITION: Given a threat.

STANDARD: To mitigate all explosive hazards and the operations is 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. Coordinate internal/external support, if applicable.
7. Mitigate situation.
8. Submit reports.

REFERENCES:
1. AEODPS 60 Series Automated EOD Publication System
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 Combating Weapons of Mass Destruction
8. MCWP 3-17.2 MAGTF Explosive Ordnance Disposal

SUPPORT REQUIREMENTS:

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

EOD-OPS-3005: Conduct WMD operations

SUPPORTED MET(S): MCT 6.8.3

EVALUATION-CODED: YES  SUSTAINMENT INTERVAL: 12 months

CONDITION: Given a threat.

STANDARD: To mitigate all explosive hazards and the operations is 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.
7. Coordinate internal/external support, if applicable.
8. Mitigate situation.
9. Submit reports.

REFERENCES:
1. AEODPS 60 Series Automated EOD Publication System
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 Combating Weapons of Mass Destruction
8. MCWP 3-17.2 MAGTF Explosive Ordnance Disposal

SUPPORT REQUIREMENTS:

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

EOD-OPS-3006: Conduct conventional explosive ordnance operations

SUPPORTED MET(S): MCT 6.8.4

EVALUATION-CODED: YES  SUSTAINMENT INTERVAL: 12 months

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

STANDARD: To mitigate ordnance and operations are conducted safely.
EVENT COMPONENTS:
1. Conduct mission analysis.
2. Develop plan.
3. Task organize force.
4. Establish command and control.
5. Conduct site exploitation.
6. Coordinate internal/external support, if applicable.
7. Mitigate situation.
8. Submit reports.

REFERENCES:
1. AEDPS 60 Series Automated EOD Publication System
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 Combating Weapons of Mass Destruction
8. MCWP 3-17.2 MAGTF Explosive Ordnance Disposal

SUPPORT REQUIREMENTS:

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

EOD OPS-3007: Provide nuclear ordnance operations

SUPPORTED MET(S): MCT 6.8.5

EVALUATION-CODED: YES  SUSTAINMENT INTERVAL: 12 months

CONDITION: Given a 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 exploitation.
7. Coordinate internal/external support, if applicable.
8. Mitigate situation.
9. Submit reports.

REFERENCES:
1. AEDPS 60 Series Automated EOD Publication System
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 Combating Weapons of Mass Destruction
8. MCWP 3-17.2 MAGTF Explosive Ordnance Disposal

**SUPPORT REQUIREMENTS:**

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

**EOD-OPS-3008:** Conduct Tactical Combat Casualty Care

**SUPPORTED MET(S):**
- 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:**

**SUPPORT REQUIREMENTS:**

**MATERIAL:** Corpsman Assault Pack

**MISCELLANEOUS:**

**ADMINISTRATIVE INSTRUCTIONS:** Live tissue training is needed in order to train this task to standard.
<table>
<thead>
<tr>
<th>PARAGRAPH</th>
<th>PAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>PURPOSE</td>
<td>4000</td>
</tr>
<tr>
<td>EVENT CODING.</td>
<td>4001</td>
</tr>
<tr>
<td>INDEX OF INDIVIDUAL EVENTS</td>
<td>4002</td>
</tr>
<tr>
<td>2000-LEVEL EVENTS</td>
<td>4004</td>
</tr>
</tbody>
</table>
4000. PURPOSE. This chapter details the individual events that pertain to Explosive Ordnance Disposal (EOD) Officer. 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. This chapter contains the following community codes:

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>2305</td>
<td>EOD Officer</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>C2</td>
<td>Command and Control</td>
</tr>
<tr>
<td>ADMN</td>
<td>Administrative</td>
</tr>
<tr>
<td>INTL</td>
<td>Intelligence</td>
</tr>
<tr>
<td>OPS</td>
<td>Operations</td>
</tr>
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</table>

   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:

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>2000</td>
<td>Core Plus Skills</td>
</tr>
</tbody>
</table>

4002. INDEX OF INDIVIDUAL EVENTS

<table>
<thead>
<tr>
<th>EVENT CODE</th>
<th>EVENT</th>
<th>PAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>2305-ADMN-2002</td>
<td>Manage EOD Reporting</td>
<td>4-3</td>
</tr>
<tr>
<td>2305-ADMN-2007</td>
<td>Manage Explosive Ordnance Disposal Personnel</td>
<td>4-3</td>
</tr>
<tr>
<td>2305-ADMN-2008</td>
<td>Manage Explosive Ordnance Disposal Readiness Program</td>
<td>4-4</td>
</tr>
<tr>
<td>2305-INTL-2001</td>
<td>Conduct an Explosive Mishap Investigation</td>
<td>4-4</td>
</tr>
<tr>
<td>2305-OPS-2001</td>
<td>Direct EOD operations</td>
<td>4-5</td>
</tr>
<tr>
<td>2305-OPS-2002</td>
<td>Perform duties as an EOD Integrator</td>
<td>4-5</td>
</tr>
</tbody>
</table>

4003. 2000-LEVEL EVENTS
**2305-ADMN-2002:** Manage EOD Reporting

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

**MOS PERFORMING:** 2305

**GRADES:** WO-1, CWO-2, CWO-3, CWO-4, CWO-5, CAPT, MAJ

**INITIAL TRAINING SETTING:** FORMAL

**CONDITION:** Given an EOD operation.

**STANDARD:** To ensure completion of all required information.

**PERFORMANCE STEPS:**
1. Verify accuracy of report(s).
2. Submit report.
3. Confirm receipt.

**REFERENCES:**
1. Applicable Marine Corps Orders and Directives
2. Military Munitions Rule
3. AEODPS 60 Series Automated EOD Publication System
4. MCO 3571.2_ Explosive Ordnance Disposal (EOD) Program
5. Op Order Annex C Appendix 13

**SUPPORT REQUIREMENTS:**

- **EQUIPMENT:** EOD book set Dedicated EOD SIPR connection

---

**2305-ADMN-2007:** Manage Explosive Ordnance Disposal Personnel

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

**MOS PERFORMING:** 2305

**GRADES:** WO-1, CWO-2, CWO-3, CWO-4, CWO-5, CAPT, MAJ

**INITIAL TRAINING SETTING:** MOJT

**CONDITION:** Given a requirement.

**STANDARD:** To ensure unit readiness.

**PERFORMANCE STEPS:**
1. Determine billet functions and assignments.
2. Develop a counseling/evaluation program.
3. Conduct annual EOD screening.
4. Conduct certification/qualification screening, as required.
5. Verify EOD Lateral Move screenings.
6. Verify classified material accesses.
7. Endorse accession request(s).
8. Conduct removal/suspension of personnel from MOS 2336.
REFERENCES:
1. MCO 3571.2 _ Explosive Ordnance Disposal (EOD) Program
2. MCO P1610.7 _ Performance Evaluation System (PES)

**2305-ADMN-2008:** Manage Explosive Ordnance Disposal Readiness Program

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

**MOS PERFORMING:** 2305

**GRADES:** WO-1, CWO-2, CWO-3, CWO-4, CWO-5, CAPT, MAJ

**INITIAL TRAINING SETTING:** MOJT

**CONDITION:** Given a requirement.

**STANDARD:** To ensure unit readiness.

**PERFORMANCE STEPS:**
1. Develop career progression program.
2. Develop training program.
3. Oversee training aids library.

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

**2305-INTL-2001:** Conduct 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:** MOJT

**CONDITION:** Given an explosive incident.

**STANDARD:** In accordance to the JAG Manual.

**PERFORMANCE STEPS:**
1. Gather accident documentation.
2. Conduct interviews.
3. Compile report.
4. Submit report.

**REFERENCES:**
1. JAGINST 5800.7 _ Manual of the Judge Advocate General (JAGMAN)
2305-OPS-2001: Direct EOD operations

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

**DESCRIPTION:** EOD operations include, but are not limited to: unexploded explosive ordnance, IED, WMD, conventional, exploitation, inerting, stripping, disassembly, ATFP, and nuclear operations. Additionally this event supports Counter IED efforts, forensics, exploitation analysis, combating terrorism, aircraft explosive hazards, special operations, Homeland Defense (Federal, State, Local authorities), and targeting.

**MOS PERFORMING:** 2305

**GRADES:** WO-1, CWO-2, CWO-3, CWO-4, CWO-5, CAPT, MAJ, LTCOL

**INITIAL TRAINING SETTING:** MOJT

**CONDITION:** Given a mission.

**STANDARD:** To plan and implement the integration, interoperability and support requirements for EOD assets IAW MCO 3571.2_

**PERFORMANCE STEPS:**
1. Conduct mission analysis.
2. Task organize EOD resources.
3. Validate support and response SOPs.
4. Integrate EOD assessments and planning considerations.
5. Conduct training.
6. Develop mission planning.
7. Supervise mission(s).
8. Advise higher/adjacent/supporting units.
9. Manage EOD reports.

**REFERENCES:**
1. Applicable Marine Corps Orders and Directives
2. Military Munitions Rule
3. AEODPS 60 Series Automated EOD Publication System
4. MCO 3571.2_ Explosive Ordnance Disposal (EOD) Program
5. Op Order Annex C Appendix 13

---

2305-OPS-2002: Perform duties as an EOD Integrator

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

**DESCRIPTION:** EOD integrators 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 efforts of Explosive Ordnance Disposal across the range of military operations.

PERFORMANCE STEPS:
1. Determine mission requirements.
2. Validate resource requirements.
3. Determine resource capacity.
4. Determine resource capability.
5. Confirm resource availability.
6. Coordinate logistical requirements/capabilities.
7. Set conditions for task organization.
8. Direct reporting requirements.
9. Coordinate EOD activities.
10. Assess EOD procedural effectiveness.
11. Advise commander(s).
12. Develop mission planning.
13. Supervise mission(s).
14. Advise higher/adjacent units.
15. Conduct liaison with internal/external agencies.

REFERENCES:
1. Applicable Marine Corps Orders and Directives
2. Military Munitions Rule
3. AEODPS 60 Series Automated EOD Publication System
4. MCO 3571.2_ Explosive Ordnance Disposal (EOD) Program
5. Op Order Annex C Appendix 13

SUPPORT REQUIREMENTS:

EQUIPMENT: EOD book set Dedicated EOD SIPR connection
# EOD T&R MANUAL

## CHAPTER 5

**MOS 2336 INDIVIDUAL EVENTS**

<table>
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<th>Paragraph</th>
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<td>PURPOSE</td>
<td>5-2</td>
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<tr>
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<td>5-2</td>
</tr>
<tr>
<td>INDEX OF INDIVIDUAL EVENTS</td>
<td>5-2</td>
</tr>
<tr>
<td>MOS 2300 BASIC EOD INDIVIDUAL EVENTS</td>
<td>5-4</td>
</tr>
<tr>
<td>MOS 2301 ADVANCED EOD INDIVIDUAL EVENTS</td>
<td>5-29</td>
</tr>
</tbody>
</table>
5000. PURPOSE. This chapter details the individual 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.

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:

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<tr>
<td>2300</td>
<td>Basic EOD Technician Tasks</td>
</tr>
<tr>
<td>2301</td>
<td>Advanced EOD Technician Tasks</td>
</tr>
</tbody>
</table>

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

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</tr>
<tr>
<td>ADMN</td>
<td>Administrative</td>
</tr>
<tr>
<td>CBRN</td>
<td>Chemical, Biological, Radiological, Nuclear</td>
</tr>
<tr>
<td>DEMO</td>
<td>Demolition</td>
</tr>
<tr>
<td>IED</td>
<td>Improvised Explosive Device</td>
</tr>
<tr>
<td>INTL</td>
<td>Intelligence</td>
</tr>
<tr>
<td>MED</td>
<td>Medical</td>
</tr>
<tr>
<td>RSP</td>
<td>Render Safe Procedures</td>
</tr>
<tr>
<td>TOOL</td>
<td>Tool</td>
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</table>

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:

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<th>Description</th>
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<tbody>
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</tbody>
</table>

4002. INDEX OF INDIVIDUAL EVENTS

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<th>EVENT CODE</th>
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<th>PAGE</th>
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2300-RSP-2003 Conduct Render Safe Procedure on Aircraft Explosive Hazards components 5-21
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2301-RSP-2002: Utilize low order techniques
2301-RSP-2003: Download U.S. and Foreign Explosive Ordnance from Weapon Systems
2301-RSP-2004: Conduct EOD procedures on homemade energetic materials
2301-RSP-2005: Gain Vehicle Access
2301-RSP-2006: Employ Standoff Munitions Disruption
2301-RSP-2007: Employ volumetric charges
2301-SOF-2001: Conduct Clandestine operations
2301-TRNG-2001: Conduct Unit Training

4003. MOS 2300 BASIC EOD INDIVIDUAL EVENTS

2300-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 ordnance item with measurements and laptop with AEODPS 60 Series Publication software.

STANDARD: To determine positive identification, function, and disposition of items.

PERFORMANCE STEPS:
1. Gather Intelligence.
2. Conduct reconnaissance.
3. Identify functioning.
4. Identify safeties/warnings.
5. Identify conditions.
6. Determine disposition.

REFERENCES:
1. AEODPS 60 Series Automated EOD Publication System

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: Must have full time access to SIRPNET.

2300-CBRN-2001: Conduct chemical/biological operations
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 hazards and mitigate the threat.

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

REFERENCES:
1. AEODPS 60 Series Automated EOD Publication System
2. DODDIR 3150.8 DOD Response to Radiological Accidents
3. MCO 3571.2_ Explosive Ordnance Disposal (EOD) Program

SUPPORT REQUIREMENTS:

ORDNANCE:

<table>
<thead>
<tr>
<th>DODIC</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>K765 Riot Control Agent, CS</td>
<td>1 Per per Marine</td>
</tr>
</tbody>
</table>

EQUIPMENT:
M118 detection kit, M256 detection kit, HHA kit.
EOD family of equipment.

OTHER SUPPORT REQUIREMENTS: Full time access to SIPRNET.

2300-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 hazards 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. DODDIR 3150.8 DOD Response to Radiological Accidents
3. MCO 3571.2_ Explosive Ordnance Disposal (EOD) Program

SUPPORT REQUIREMENTS:

EQUIPMENT: EOD family of equipment.

OTHER SUPPORT REQUIREMENTS: Full time access to SIPRNET.

2300-CBRN-2003: Conduct WMD operations

EVALUATION-CODED: NO SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: This event includes Improvised Nuclear Device (IND), Radiological Dispersal Device (RDD), 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 requirement, equipment, and references.

STANDARD: To identify hazards and mitigate the threat.

PERFORMANCE STEPS:
1. Conduct mission analysis.
2. Conduct monitoring.
3. Validate presence of fissile material.
4. Validate presence of improvised nuclear device.
5. Validate presence of radiological dispersal device.
6. Validate the presence of TICs and TIMs.
7. Conduct advanced radiographic techniques.
9. Conduct pinpoint disruption techniques.

REFERENCES:
1. AEODPS 60 Series Automated EOD Publication System
2. DODDIR 3150.8 DOD Response to Radiological Accidents
3. MCO 3571.2_ Explosive Ordnance Disposal (EOD) Program

SUPPORT REQUIREMENTS:

EQUIPMENT:
M118 detection kit, M256 detection kit, HHA kit.
EOD family of equipment.

OTHER SUPPORT REQUIREMENTS: Full time access to SIPRNET.

---

2300-DEMO-2001: Initiate a Non-Electric Firing System

EVALUATION-CODED: NO \hspace{10cm} 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 ensure proper initiation, observing all applicable safety precautions.

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

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:

<table>
<thead>
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<th>DODIC</th>
<th>Quantity</th>
</tr>
</thead>
</table>

---

5-7 Enclosure (1)
2300-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 ensure initiation of firing system.

PERFORMANCE STEPS:
1. Assemble electrical firing system.
2. Test electrical firing system.
3. Initiate firing system.

REFERENCES:
1. AEODPS 60 Series Automated EOD Publication System

SUPPORT REQUIREMENTS:

ORDNANCE:

<table>
<thead>
<tr>
<th>DODIC</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>M023 Charge, Demolition Block M112 1-1/4</td>
<td>1 Per per Marine</td>
</tr>
<tr>
<td>M032 Charge, Demolition Block TNT 1-Pound</td>
<td>1 Per per Marine</td>
</tr>
<tr>
<td>M130 Cap, Blasting Electric M6</td>
<td>6 Per per Marine</td>
</tr>
<tr>
<td>M591 Dynamite, Military M1</td>
<td>1 Per per Marine</td>
</tr>
</tbody>
</table>

EQUIPMENT: Remote Firing Device, Galvanometer, Firing Wire, Firing Device

UNITS/PERSONNEL: Trauma certified corpsman.
2300-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 ensure proper initiation of device.

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

REFERENCES:
1. AEODPS 60 Series Automated EOD Publication System

SUPPORT REQUIREMENTS:

ORDNANCE:

<table>
<thead>
<tr>
<th>DODIC</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>G900 Grenade, Hand Incendiary Thermite AN</td>
<td>5 Per per Marine</td>
</tr>
<tr>
<td>M131 Cap, Blasting Non-Electric M7</td>
<td>2 Per per Marine</td>
</tr>
<tr>
<td>M670 Fuse, Blasting Time M700</td>
<td>18 FT per Marine</td>
</tr>
<tr>
<td>MN08 Igniter, Time Blasting Fuse with Sho</td>
<td>3 Per per Marine</td>
</tr>
</tbody>
</table>

RANGE/TRAINING AREA: Facility Code 17830 Light Demolition Range

EQUIPMENT: EOD family of tools

UNITS/PERSONNEL: Trauma Certified Corpsman

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

2300-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 proper detonation.

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

REFERENCES:
1. AEODPS 60 Series Automated EOD Publication System
2. NAVSEA SW060-AA-MMA-010 Demolition Materials

SUPPORT REQUIREMENTS:

ORDNANCE:

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

EQUIPMENT: EOD family of tools

UNITS/PERSONNEL: Trauma Certified Corpsman

2300-DEMO-2005: 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 a mission.

STANDARD: To allow safe operations.

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.
4. Establish air clearance, when required.
5. Determine location of natural barriers which meet requirements.
6. Determine protective barriers or distance requirements.
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 & Explosives Ashore Safety Regulation (ESQD Information)

SUPPORT REQUIREMENTS:

RANGE/TRAINING AREA: Facility Code 17830 Light Demolition Range

2300-DEMO-2006: 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 proper effect.

PERFORMANCE STEPS:
1. Prepare a shaped charge for use.
2. Prepare a firing system (electric or non-electric).
3. Initiate the firing system.

REFERENCES:
1. AEODPS 60 Series Automated EOD Publication System

SUPPORT REQUIREMENTS:

ORDNANCE:

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<thead>
<tr>
<th>DODIC</th>
<th>Quantity</th>
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<tbody>
<tr>
<td>M023 Charge, Demolition Block M112 1-1/4</td>
<td>5 Per per Marine</td>
</tr>
<tr>
<td>M130 Cap, Blasting Electric M6</td>
<td>15 Per per Marine</td>
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<tr>
<td>M131 Cap, Blasting Non-Electric M7</td>
<td>12 Per per Marine</td>
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<tr>
<td>M420 Charge, Demolition Shaped M2 Series</td>
<td>1 Per per Marine</td>
</tr>
<tr>
<td>M421 Charge, Demolition Shaped M3 Series</td>
<td>1 Per per Marine</td>
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</tbody>
</table>
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
M485 Container, Demolition Charge MK7 Mod 1 Per per Marine
M486 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:** EOD family of tools, to include charge containers

**UNITS/PERSOENNEL:** Trauma Certified Corpsman

**2300-DEMO-2007:** 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 an EOD explosive operation.

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

**PERFORMANCE STEPS:** components
1. Identify hazards.
2. Determine the relative equivalent factor (REF).
3. Determine TNT equivalent.
4. Determine safe area/distance.
REFERENCES:
1. Applicable Marine Corps Orders and Directives
2. AEODPS 60 Series Automated EOD Publication System

2300-DEMO-2008: Destroy 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 an EOD explosive operation.

STANDARD: In order to completely consume explosives IAW directives or SOPs.

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

REFERENCES:
1. Applicable Marine Corps Orders and Directives
2. AEODPS 60 Series Automated EOD Publication System
3. FM 5-25 Explosives and Demolitions
4. MCO 3571.2_ Explosive Ordnance Disposal (EOD) Program

SUPPORT REQUIREMENTS:

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<td>DA12</td>
<td>Charge, Propellant 155mm MACS M231 1 Per per Marine</td>
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<tr>
<td>G900</td>
<td>Grenade, Hand Incendiary Thermite AN 6 Per per Marine</td>
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<td>M023</td>
<td>Charge, Demolition Block M112 1-1/4 1 Per per Marine</td>
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<td>M131</td>
<td>Cap, Blasting Non-Electric M7 2 Per per Marine</td>
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<tr>
<td>M670</td>
<td>Fuse, Blasting Time M700 50 FT per Marine</td>
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<tr>
<td>MN08</td>
<td>Igniter, Time Blasting Fuse with Sho 3 Per per Marine</td>
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EQUIPMENT: EOD family of equipment.

MATERIAL: Dunnage such as cardboard, paper, or wood that will burn
UNITS/PERSONNEL: Trauma Certified Corpsman

2300-DEMO-2009: 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.
4. Lay out propellants.
5. Build firing system.
6. Initiate firing system.
7. Evaluate results.
8. Conduct reporting.

REFERENCES:
1. AEODPS 60 Series Automated EOD Publication System

SUPPORT REQUIREMENTS:

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<tr>
<td>DA12 Charge, Propellant 155mm MACS M231</td>
<td>1 Per per Marine</td>
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<tr>
<td>G900 Grenade, Hand Incendiary Thermite AN</td>
<td>6 Per per Marine</td>
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<tr>
<td>M131 Cap, Blasting Non-Electric M7</td>
<td>2 Per per Marine</td>
</tr>
<tr>
<td>M670 Fuse, Blasting Time M700</td>
<td>50 FT per Marine</td>
</tr>
<tr>
<td>MN08 Igniter, Time Blasting Fuse with Sho</td>
<td>3 Per per Marine</td>
</tr>
</tbody>
</table>

RANGE/TRAINING AREA: Facility Code 17830 Light Demolition Range

EQUIPMENT: EOD Demo Kit

UNITS/PERSONNEL: Trauma Certified Corpsman

2300-DEMO-2010: Destroy Explosive Ordnance by Detonation

EVALUATION-CODED: NO  SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 2305, 2336
INITIAL TRAINING SETTING: FORMAL

CONDITION: Given an explosive ordnance item.

STANDARD: In order to destroy un-exploded ordnance.

PERFORMANCE STEPS:
1. Stage explosive ordnance item.
2. Place explosive charge.
3. Initiate explosives.
4. Conduct reporting.

REFERENCES:
1. Applicable Marine Corps Orders and Directives
2. AEODPS 60 Series Automated EOD Publication System

SUPPORT REQUIREMENTS:

ORDNANCE:

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

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

2300-DEMO-2011: Identify Improvised Explosive Device Components

EVALUATION-CODED: NO  SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 2305, 2336

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a device.

STANDARD: In order to accurately identify components.

PERFORMANCE STEPS:
1. X-ray components.
2. Positively identify all components.
3. Separate components.
4. Conduct reporting.
5. Forward components to the Combined Explosive Exploitation Cell (CEXC).

REFERENCES:
1. Applicable Marine Corps Orders and Directives
2. AEODPS 60 Series Automated EOD Publication System

2300-IED-2001: Conduct an Improvised Explosive Device (IED) response

EVALUATION-CODED: NO  SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: This event supports Counter IED efforts, forensics, exploitation analysis, and Attack the Network (AtN) operations. Personnel will be trained in 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 threat.

STANDARD: To ensure threat is eliminated.

PERFORMANCE STEPS:
1. Evaluate intelligence
2. Select PPE.
3. Locate/identify threat.
4. Search for secondaries.
6. Perform render safe procedures.
7. Verify render safe procedures.

REFERENCES:
1. AEODPS 60 Series Automated EOD Publication System
2. 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
2300-INTL-2001: Conduct Reconnaissance on Unexploded 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: In order to correctly identify unknown ordnance.

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: Laptop with AEDOPS, EOD family of equipment

2300-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 a designated area.

STANDARD: To determine the presence of explosives and/or threats.

PERFORMANCE STEPS:
1. Determine search method.
2. Conduct vehicle, area, container, and building searches, as required.
3. Brief EOD team.
4. Brief supporting personnel.
5. Establish perimeter.

REFERENCES:
1. 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)

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: The scope of this task can cover every type of environment from heavily populated urban settings to sparse mountainous desert climates. The threat can also range from a permissive to non-permissive environment. This task must be trained to support the higher Commands anticipated missions while meeting with EOD mission capability and SOPs. This may include support to USSS, Special Operations Forces, Conventional forces, and Law Enforcement.

2300-MED-2001: Perform Tactical Field Care (TFC)

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: 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 IAW MCRP 3-02G.

PERFORMANCE STEPS:
1. Disarm casualty, if necessary.
2. Evaluate casualties 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 casualties wounds.
9. Check casualty for additional wounds.
10. Splint casualties fractures.
11. Evaluate for TBI using IED checklist.
12. Seek medical assistance for casualty as soon as possible.
REFERENCES:
1. FMSS-4 Prehospital Trauma Life Support
2. MCRP 3-02G First Aid
3. Pre-hospital Trauma Life Support (PHTLS)

**2300-MED-2002**: Perform Care Under Fire (CUF)

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

**STANDARD**: To prevent additional casualties.

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

**REFERENCES**:
1. FMSS-4 Prehospital Trauma Life Support
2. MCRP 3-02G First Aid
3. Pre-hospital Trauma Life Support (PHTLS)

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**2300-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 munition.

**STANDARD**: To ensure correct application of procedures 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. Remove fuze.
5. Validate results.
6. Submit reports.

REFERENCES:
1. AEODPS 60 Series Automated EOD Publication System
2. MCO 1510.101 Individual Training Standards System for Marine Corps Special Skills, Vol. II
3. MCO 3571.2_ Explosive Ordnance Disposal (EOD) Program

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:** MK1 Mod 3, EOD family of equipment

---

**2300-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 an explosive threat.

**STANDARD:** To ensure complete disruption of firing train.

**PERFORMANCE STEPS:**
1. Identify UXO.
2. Research UXO.
3. Formulate Render Safe Procedure.
4. Prepare tools.
5. Perform procedure.
6. Validate results.
7. Submit reports.

**REFERENCES:**
1. Applicable Marine Corps Orders and Directives
2. AEODPS 60 Series Automated EOD Publication System

**SUPPORT REQUIREMENTS:**

**ORDNANCE:**
EQUIPMENT:
EOD family of equipment.
Exrod Procedures.

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

2300-RSP-2003: Conduct Render Safe Procedure on Aircraft Explosive Hazards

EVALUATION-CODED: NO SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 2305, 2336

GRADES: SGT, SSgt, GSgt, MSgt, MGsGT, WO-1, CWO-2, CWO-3, CWO-4, CWO-5, CAPT, MAJ, LTCOL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given an aircraft.

STANDARD: To safe all aircraft explosive components.

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. Submit RSP report.

REFERENCES:
1. AEODPS 60 Series Automated EOD Publication System

SUPPORT REQUIREMENTS:

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

2300-TOOL-2001: Operate 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.

**STANDARD:** To ensure the proper donning of the SCBA.

**PERFORMANCE STEPS:**
1. Conduct preventative maintenance checks and services on equipment.
2. Assemble the SCBA.
3. Conduct functions check.
4. Check for fit.
5. Don the SCBA.
6. Monitor air usage.
7. Conduct bottle exchange, as needed.
8. Doff SCBA.

**REFERENCES:**
1. AEODPS 60 Series Automated EOD Publication System

**SUPPORT REQUIREMENTS:**

**EQUIPMENT:** SCBA

**2300-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 ensure proper employment of a remote firing device.

**PERFORMANCE STEPS:**
1. Assemble the firing device.
2. Employ firing device.
3. Initiate firing device.

**REFERENCES:**
1. AEODPS 60 Series Automated EOD Publication System

**SUPPORT REQUIREMENTS:**

**ORDNANCE:**

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<th>DODIC</th>
<th>Quantity</th>
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RANGE/TRAINING AREA: Facility Code 17830 Light Demolition Range

EQUIPMENT: EOD Demo kit

UNITS/PERSOMNEL: Trauma certified Corpsman

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: 1 Shot in series and 1 shot in parallel.

2300-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: Ensuring successful removal of the fuze.

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.

REFERENCES:
1. AEODPS 60 Series Automated EOD Publication System
2. MCBul 8011 CLASS V(W) MATERIEL REQUIREMENTS FOR TRAINING, PROGRAMMED TESTING AND SECURITY
3. MCO 3571.2_ Explosive Ordnance Disposal (EOD) Program

SUPPORT REQUIREMENTS:

ORDNANCE:

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<td>M130</td>
<td>Cap, Blasting Electric M6</td>
</tr>
<tr>
<td>M174</td>
<td>Cartridge, Caliber .50 Impulse Elect</td>
</tr>
<tr>
<td>M456</td>
<td>Cord, Detonating PETN Type I Class E</td>
</tr>
</tbody>
</table>

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:** EOD Family of equipment.

**UNITS/PERSONNEL:** Corpsman with blast/burn trauma training

---

### 2300-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 a search area.

**STANDARD:** In order to conduct subsurface survey.

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

**REFERENCES:**
1. AEODPS 60 Series Automated EOD Publication System

**SUPPORT REQUIREMENTS:**

**EQUIPMENT:** Ordnance locator, power supply, digging tools, and marking equipment

---

### 2300-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,
INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a mission.

STANDARD: In order to render safe the threat and/or hazard.

PERFORMANCE STEPS:
1. Conduct preventative maintenance checks and services.
2. Conduct functions check.
3. Conduct recon.
5. Emplace explosive charge/tool.
6. Detonate explosive charge/tool.
7. Validate results.
8. Submit report.

REFERENCES:
1. AEODPS 60 Series Automated EOD Publication System

SUPPORT REQUIREMENTS:

ORDNANCE:

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<tr>
<th>DODIC</th>
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<td>AA62</td>
<td>CTG, 12 GA, MK 274 UVS EOD USE</td>
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<td>Cartridge, 12 Gauge Low Velocity Bla</td>
<td>3 Per per Marine</td>
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<td>M023</td>
<td>Charge, Demolition Block M112 1-1/4</td>
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<td>M032</td>
<td>Charge, Demolition Block TNT 1-Pound</td>
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<td>Cap, Blasting Electric M6</td>
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</tr>
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<td>Cap, Blasting Non-Electric M7</td>
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</tr>
<tr>
<td>M456</td>
<td>Cord, Detonating PETN Type I Class E</td>
<td>25 Per per Marine</td>
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<td>M980</td>
<td>Charge, Demolition Sheet 0.0831 Inch</td>
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<td>M981</td>
<td>Charge, Demolition Sheet 0.125 Inch</td>
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<td>MN08</td>
<td>Igniter, Time Blasting Fuse with Sho</td>
<td>10 Per per Marine</td>
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<td>MN88</td>
<td>Cap, Blasting, 500 ft mini-tube M21</td>
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<td>MN90</td>
<td>Cap, Blasting, 1000 ft mini-tube M23</td>
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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/Standardized
Facility Code 17830 Light Demolition Range
Facility Code 17962 MOUT Collective Training Facility (Small)
Facility Code 17963 MOUT Collective Training Facility (Large)

**EQUIPMENT:** EOD Family of Equipment.

**MATERIAL:** In addition units need to open purchase Hydrojets, Mineral Water Bottles, Slim Jims, Boot Bangers, and Head Shots. These are employed using robotics.

**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. Empty robot either wirelessly or teathered.
7. Employ CBRNE detection equipment.
8. Recover personnel.
9. Access an IED using a "gain access charge".
10. Render Safe and IED.
11. Blow in place IED.
12. Recover Components.
13. Preventative maintenance checks.

**2300-TOOL-2006:** Employ EOD disruption tools

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

**DESCRIPTION:** This event encompasses employing the following tools, but are not limited to: Mk 2 .50 Cal, percussion actuated neutralizer (PAN), Mk 40, small caliber dearmor (SCD), MK 171 light weight disposable disruptor, and Mk 42 medium directional energetic tool (MDET).

**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 threat, equipment, and references.

**STANDARD:** To disrupt and render safe the threat.

**PERFORMANCE STEPS:**
1. Conduct mission analysis.
2. Determine appropriate tool.
3. Conduct preventative maintenance checks and services.
4. Conduct functions check.
5. Engage target(s).
6. Validate results.
7. Submit reports.

REFERENCES:
1. AEODPS 60 Series Automated EOD Publication System

SUPPORT REQUIREMENTS:

ORDNANCE:

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<td>2 Per per Marine</td>
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<td>AA62</td>
<td>CTG, 12 GA, MK 274 UVS EOD USE</td>
<td>1 Per per Marine</td>
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<tr>
<td>AA63</td>
<td>CTG, 12 GA, MK 275 IEDSD EOD USE</td>
<td>1 Per per Marine</td>
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<td>Cartridge, 12 Gauge Low Velocity Bla</td>
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<td>AX14</td>
<td>Primer, Percussion 12 Gauge W209</td>
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<td>Power Bag Container Assembly, EOD</td>
<td>2 Per per Marine</td>
</tr>
<tr>
<td>M131</td>
<td>Cap, Blasting Non-Electric M7</td>
<td>3 Per per Marine</td>
</tr>
<tr>
<td>M174</td>
<td>Cartridge, Caliber .50 Impulse Elect</td>
<td>3 Per per Marine</td>
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<tr>
<td>M456</td>
<td>Cord, Detonating PETN Type I Class E</td>
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<td>M670</td>
<td>Fuse, Blasting Time M700</td>
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<td>M980</td>
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</tr>
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<td>ML03</td>
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</tr>
<tr>
<td>MN08</td>
<td>Igniter, Time Blasting Fuse with Sho</td>
<td>2 Per per Marine</td>
</tr>
</tbody>
</table>

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

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS:

1. Shot with slug.
2. Shot with steel shot.
3. Shot with water.
4. 2 shots using detonating cord and non-electric .50 caliber round.

2300-TOOL-2009: Employ Radiographic tools

EVALUATION-CODED: NO  SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: This event encompasses employing the following tools, but are not limited to: Mk 41 Advanced Radiographic System (ARS), Radiographic
Imaging System (RIS), and Mosaic Kit.

**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:** In order to obtain a comprehensible x-ray image.

**PERFORMANCE STEPS:**
1. Conduct mission analysis.
2. Determine appropriate tool.
3. Conduct preventative maintenance checks and services.
4. Conduct functions check.
5. Employ tool(s).

**REFERENCES:**
1. AEODPS 60 Series Automated EOD Publication System

**SUPPORT REQUIREMENTS:**

**EQUIPMENT:** X-Ray, Field Processor, and enclosed training IED

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**2300-TOOL-2012:** 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:** In order to gain access without influencing the fuze firing system.

**PERFORMANCE STEPS:**
1. Observe applicable safeties.
2. Make approach.
3. Execute mission.

**REFERENCES:**
1. Applicable Marine Corps Orders and Directives
2. AEODPS 60 Series Automated EOD Publication System

**SUPPORT REQUIREMENTS:**
**EQUIPMENT:** EOD family of tools

**2300-TOOL-2013:** Employ the AN/PDX-2 (QDR Kit)

**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 source.

**STANDARD:** In order to gather applicable readings and locate the source of radiation.

**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:**
1. AEODPS 60 Series Automated EOD Publication System

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5004. MOS 2301 ADVANCED EOD INDIVIDUAL EVENTS

**2301-ADMN-2001:** Manage Class V

**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 EOD mission.

**STANDARD:** To ensure allocation computation supports mission requirement.

**PERFORMANCE STEPS:**
1. Analyze requirement.
2. Identify required ammunition.
3. Requisition required ammunition.
4. Conduct proper storage, handling, and transportation of ammunition.
5. Submit an expenditure report.

REFERENCES:
1. Applicable Marine Corps Orders and Directives
2. AEODPS 60 Series Automated EOD Publication System
3. MCBu1 8011 CLASS V(W) MATERIEL REQUIREMENTS FOR TRAINING, PROGRAMMED TESTING AND SECURITY

SUPPORT REQUIREMENTS:

EQUIPMENT: EOD Family of Equipment.

2301-ADMN-2002: Apply the Military Munitions Rule

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 EOD operation.

STANDARD: To ensure compliance with applicable laws/regulations.

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

REFERENCES:
1. Applicable Marine Corps Orders and Directives
2. Military Munitions Rule
3. AEODPS 60 Series Automated EOD Publication System

2301-ADMN-2003: Integrate EOD functions into Marine Corps Planning Process

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

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given commander's initial guidance, battle space area evaluation, and an order.

STANDARD: To facilitate EOD efforts across the range of military operations.

PERFORMANCE STEPS:
1. Perform mission analysis.
2. Develop courses of action.
3. War game 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. MCO 3000.18_ Marine Corps Force Deployment Planning and Execution (FDP&E) Manual
3. MCO 3120.9 Policy for Marine Expeditionary Unit
4. MCRP 5-1 Marine Corps Planning Process

2301-C2-2001: 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 that requires EOD response.

STANDARD: In order 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:
3. MCO 3571.2_ Explosive Ordnance Disposal (EOD) Program
4. NIMS National Incident Management System

2301-DEMO-2001: 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 a target.

**STANDARD:** To render safe explosive device.

**PERFORMANCE STEPS:**
1. Evaluate target.
2. Determine charge to use.
3. Assemble charge.
4. Emplace charge.
5. Initiate charge.
6. Evaluate results.

**REFERENCES:**
1. AEODPS 60 Series Automated EOD Publication System
2. ATTP 3-90.15 Site Exploitation Operations
3. FM 5-25 Explosives and Demolitions
4. MCO 3502.3 Marine Expeditionary Unit (Special Operations Capable)
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:**

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<td>G900 Grenade, Hand Incendiary Thermite AN</td>
<td>3 per per Marine</td>
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<td>M023 Charge, Demolition Block M112 1-1/4</td>
<td>5 Per per Marine</td>
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<td></td>
<td>M032 Charge, Demolition Block TNT 1-Pound</td>
<td>3 Per per Marine</td>
</tr>
<tr>
<td></td>
<td>M130 Cap, Blasting Electric M6</td>
<td>5 Per per Marine</td>
</tr>
<tr>
<td></td>
<td>M131 Cap, Blasting Non-Electric M7</td>
<td>5 Per per Marine</td>
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<td>M174 Cartridge, Caliber .50 Impulse Elect</td>
<td>2 Per per Marine</td>
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<td></td>
<td>M456 Cord, Detonating PETN Type I Class E</td>
<td>50 FT per Marine</td>
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<td></td>
<td>M591 Dynamite, Military M1</td>
<td>1 Per per Marine</td>
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<td>M670 Fuse, Blasting Time M700</td>
<td>50 FT per Marine</td>
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<td>M980 Charge, Demolition Sheet 0.0831 Inch</td>
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<td>M981 Charge, Demolition Sheet 0.125 Inch</td>
<td>5 FT per Marine</td>
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M982 Charge, Demolition Sheet 0.161 Inch  5 FT per Marine
M986 Sheet Explosive  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
MM88 Cap, Blasting, 500 ft mini-tube M21 1 Per per Marine
MN90 Cap, Blasting, 1000 ft mini-tube M23 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: EOD Family of equipment.

2301-DEMO-2002: 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 demolition materials.
STANDARD: In order to successfully perform EOD procedures.

PERFORMANCE STEPS:
1. Evaluate target.
2. Identify explosives.
3. Choose explosives.
4. Prepare explosives.
5. Emplace explosives.
6. Initiate charge.
7. Evaluate results.

REFERENCES:
1. Applicable Marine Corps Orders and Directives
2. AEOEPS 60 Series Automated EOD Publication System
3. FM 5-25 Explosives and Demolitions
4. NAVSEA OP 5 Vol 1 Ammunition and Explosives/Asshore Safety Regulations of Handling, Storage, Production, Renovation and Shipping
5. NAVSEA SWO60-AA-MMA-010 Demolition Materials

SUPPORT REQUIREMENTS:
**RANGE/TRAINING AREA:**
- Facility Code 17430 Impact Area Dudded
- Facility Code 17431 Impact Area Non-Duded
- 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:** EOD family of tools

**MATERIAL:** Civilian or foreign explosives

**UNITS/PERSOONNEL:** Trauma Certified Corpsman

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

### 2301-IED-2001

**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 requirement.

**STANDARD:** To ensure the radio frequency threat is neutralized.

**PERFORMANCE STEPS:**
1. Prepare the electronic countermeasure for employment.
2. Place the electronic countermeasure.
3. Initiate the electronic countermeasure.

**REFERENCES:**
1. AEODPS 60 Series Automated EOD Publication System

**SUPPORT REQUIREMENTS:**

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

**EQUIPMENT:** T/O ECM Equipment

### 2301-INTL-2001

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

**DESCRIPTION:** Post blast analysis encompasses the following EOD operations:
IED, WMD, and Conventional ordnance. Train personnel on the following categories: point of origin, tactical acuity, and fragmentation identification.

**MOS PERFORMING:** 2305, 2336

**GRADES:** 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:** In order to determine size, construct, and/or initiation of a detonation.

**PERFORMANCE STEPS:**
1. Secure scene.
2. Establish safe area.
5. Process blast seat.
6. Collect items of interest.

**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:**

**ORDNANCE:**

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<td>B643</td>
<td>Cartridge, 60mm High Explosive M888</td>
<td>1 Per per Marine</td>
</tr>
<tr>
<td>C869</td>
<td>Cartridge, 81mm HE M889/M889A1 with</td>
<td>1 Per per Marine</td>
</tr>
<tr>
<td>D529</td>
<td>Projectile, 155mm High Explosive M79</td>
<td>1 Per per Marine</td>
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<tr>
<td>DA54</td>
<td>Projectile, 155mm HE (IMX-101) w/Sup</td>
<td>1 Per per Marine</td>
</tr>
<tr>
<td>DWEI</td>
<td>Pyrotechnic Lead Spool Assembly, MK</td>
<td>1000 FT per Marine</td>
</tr>
<tr>
<td>K143</td>
<td>Mine, Antipersonnel M18A1 with M57 F</td>
<td>1 Per per Marine</td>
</tr>
<tr>
<td>K250</td>
<td>Mine, Antitank Heavy M19 Non-Metalli</td>
<td>1 Per per Marine</td>
</tr>
<tr>
<td>M023</td>
<td>Charge, Demolition Block M112 1-1/4</td>
<td>4 Per per Marine</td>
</tr>
<tr>
<td>M032</td>
<td>Charge, Demolition Block TNT 1-Pound</td>
<td>3 Per per Marine</td>
</tr>
<tr>
<td>M130</td>
<td>Cap, Blasting Electric M6</td>
<td>5 Per per Marine</td>
</tr>
<tr>
<td>M131</td>
<td>Cap, Blasting Non-Electric M7</td>
<td>5 Per per Marine</td>
</tr>
<tr>
<td>M456</td>
<td>Cord, Detonating PETN Type I Class E</td>
<td>100 FT per Marine</td>
</tr>
<tr>
<td>M591</td>
<td>Dynamite, Military M1</td>
<td>3 Per per Marine</td>
</tr>
<tr>
<td>M670</td>
<td>Fuse, Blasting Time M700</td>
<td>100 FT per Marine</td>
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<tr>
<td>M757</td>
<td>Charge, Assembly Demolition M183 Com</td>
<td>1 Per per Marine</td>
</tr>
<tr>
<td>MN08</td>
<td>Igniter, Time Blasting Fuse with Sho</td>
<td>6 Per per Marine</td>
</tr>
</tbody>
</table>
MN88 Cap, Blasting, 500 ft mini-tube M21 1 Per per Marine
MN90 Cap, Blasting, 1000 ft mini-tube M23 1 Per per Marine

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: EOD Family of equipment

2301-INTL-2002: Conduct disassembly and inerting operations

EVALUATION-CODED: NO SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: This event encompasses exploitation, stripping, first seen items, IED componentry, and components from post blast. Additionally, field technical evaluation, historical preservation, force protection, special programs, training, research and development, quality assurance programs, and produce training aids.

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 ordnance item.

STANDARD: In order to provide intelligence and mitigate the threat.

PERFORMANCE STEPS:
1. Determine required tool/equipment.
2. Gather intelligence.
3. Develop procedures.
4. Submit procedures.
5. Prepare equipment.
7. Verify procedures.
8. Determine disposition.

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

SUPPORT REQUIREMENTS:

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

**EQUIPMENT:** EOD family of equipment.

**2301-OPS-2001:** Supervise EOD operations

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

**DESCRIPTION:** EOD operations include, but are not limited to: unexploded explosive ordnance, IED, WMD, conventional, exploitation, inerting, stripping, disassembly, and nuclear operations. Additionally this event supports Counter IED efforts, forensics, and exploitation analysis, targeting, and combating terrorism.

**MOS PERFORMING:** 2336

**GRADES:** SSGT, GYSGT

**INITIAL TRAINING SETTING:** FORMAL

**CONDITION:** Given a mission.

**STANDARD:** To ensure mission accomplishment.

**PERFORMANCE STEPS:**
1. Conduct mission analysis.
2. Identify logistical requirements.
3. Obtain equipment.
4. Coordinate with internal/external agencies.
5. Advise employment of specialized capabilities, if applicable.
6. Develop employment plan.
7. Task organize personnel.
8. Supervise execution effort.
9. Validate EOD reports.
10. Submit EOD reports.

**REFERENCES:**
1. AEODPS 60 Series Automated EOD Publication System
2. 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

2301-OPS-2002: Manage EOD operations

EVALUATION-CODED: NO  SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: EOD operations include, but are not limited to: unexploded explosive ordnance, IED, WMD, conventional, exploitation, inerting, stripping, disassembly, ATFP, and nuclear operations. Additionally this event supports Counter IED efforts, forensics, exploitation analysis, combating terrorism, and targeting.

MOS PERFORMING: 2305, 2336

GRADES: MSGT, MGYSGT, WO-1

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a mission.

STANDARD: To ensure mission accomplishment.

PERFORMANCE STEPS:
1. Conduct mission analysis.
2. Develop an estimate of support.
3. Develop EOD Standing Operating Procedures (SOP).
4. Develop LOI.
5. Evaluate employment plan.
6. Approve employment plan.
7. Exercise mission plan.
8. Advise chain of command.
9. Manage EOD reports.

REFERENCES:
1. AEODPS 60 Series Automated EOD Publication System
2. 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

2301-OPS-2003: Conduct Threat Assessment

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

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given previous threat assessments, ordnance order of battle, references and intelligence.

STANDARD: To identify threat capabilities and courses of action in the time available.

PERFORMANCE STEPS:
1. Review previous threat assessments.
2. Review intelligence.
3. Identify threat capabilities.
4. Identify trends.
5. Assess each threat based on likelihood and potential consequences.

REFERENCES:
1. JP 3-07.2 Antiterrorism
2. MCO 3571.2_ Explosive Ordnance Disposal (EOD) Program
3. MCWP 2-3 MAGTF Intelligence Production and Analysis
4. NAVMC 3500.103 Marine Corps Antiterrorism Manual

2301-OPS-2004: Conduct Vulnerability Assessment

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

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given previous threat assessments, ordnance order of battle, references and asset.

STANDARD: Identify how susceptible the asset is to a terrorist attack.

PERFORMANCE STEPS:
1. Review threat assessments.
2. Assess the susceptibility of asset to threat weapons.
3. Assess the degree of degradation from threat weapons.
4. Report findings.

REFERENCES:
1. JP 3-07.2 Antiterrorism
2. MCO 3571.2_ Explosive Ordnance Disposal (EOD) Program
3. MCWP 2-3 MAGTF Intelligence Production and Analysis
4. NAVMC 3500.103 Marine Corps Antiterrorism Manual

**2301-OPS-2005:** 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 requirement, facility, and system.

**STANDARD:** In order to gain access without triggering sensors.

**PERFORMANCE STEPS:**
1. Collect target intelligence.
2. Determine entry point.
3. Defeat locks.
4. Defeat alarms.
5. Defeat sensors.
6. Gain access mechanically, when required.
7. Gain access energetically, when required.
8. Conduct advanced access.
9. Defeat circuit(s).
10. Defeat target energetically.
12. Defeat target using hand entry techniques, when required.
14. Submit reports.

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

**MISCELLANEOUS:**

**SPECIAL PERSONNEL CERTS:** Basic EOD Course, Electronic Training, CQB Course, Dynamic Entry, Tactical Carbine/Pistol Course, Alarm Defeat Courses, Lock-picking Courses, Clandestine Entry Courses, Sandia National Laboratory Training Packages, Idaho National Laboratory Training Packages

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**2301-OPS-2006:** Operate in confined spaces

**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:** In order to safely perform required task.

**PERFORMANCE STEPS:**
1. Assess hazards.
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:**
1. AEODPS 60 Series Automated EOD Publication System

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**2301-OPS-2007:** Conduct target analysis

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

**DESCRIPTION:** The EOD technician will assist with Target Analysis utilizing the CARVER method.

**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.
STANDARD: In order to neutralize or destroy the threat.

PERFORMANCE STEPS:
1. Determine mission requirements.
2. Identify potential targets.
3. Determine appropriate assessments.
4. Synchronize target analysis.
5. Build target folder outline.

REFERENCES:
1. MCO 3571.2_ Explosive Ordnance Disposal (EOD) Program

MISCELLANEOUS:

SPECIAL PERSONNEL CRTS: Target Analysis Course

2301-PARA-2001: 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 A/MOS 8023 or serving in an EOD Company, MEU EOD Section, and MEF HQ.

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: By 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.
15. Execute post landing procedures.
16. Conduct actions on the objective.
REFERENCES:
1. MCO 3120.11 Marine Corps Parachuting Policy and Program Administration
2. MCWP 3-15.7 Static-Line Parachuting Techniques and Training
3. SOP Standard Operating Procedures (SOP)

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

2301-PARA-2002: 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 A/MOS 8023 or serving in an EOD Company, MEU EOD Section, and MEF HQ.

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.
15. Conduct emergency landing procedures, as required.
17. Conduct link up procedures.
REFERENCES:
1. MCO 3120.11 Marine Corps Parachuting Policy and Program Administration
2. MCWP 3-15.7 Static-Line Parachuting Techniques and Training
3. SOP Standard Operating Procedures (SOP)

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

2301-RSP-2001: 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, projectile, and equipment.

STANDARD: To ensure the removal of the projectile with minimal damage to the weapon system.

PERFORMANCE STEPS:
1. Verify gun crew has performed stuck round procedures.
2. Determine appropriate procedures.
3. Determine safeties based on fuzing system.
4. Determine fragmentation and blast distances.
5. Remove projectile mechanically.
6. Remove projectile energetically, if required.
7. Validate procedures.
8. Submit report.

REFERENCES:
1. AEODPS 60 Series Automated EOD Publication System

SUPPORT REQUIREMENTS:

<table>
<thead>
<tr>
<th>DODIC</th>
<th>Quantity</th>
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<tbody>
<tr>
<td>B546 Cartridge, 40mm HEDP M433</td>
<td>1 Per per Marine</td>
</tr>
<tr>
<td>B643 Cartridge, 60mm High Explosive M888</td>
<td>1 Per per Marine</td>
</tr>
<tr>
<td>C869 Cartridge, 81mm HE M889/M889A1 with</td>
<td>1 Per per Marine</td>
</tr>
<tr>
<td>DA54 Projectile, 155mm HE (IMX-101) w/Sup</td>
<td>2 Per per Marine</td>
</tr>
<tr>
<td>M023 Charge, Demolition Block M112 1-1/4</td>
<td>1 Per per Marine</td>
</tr>
<tr>
<td>M130 Cap, Blasting Electric M6</td>
<td>2 Per per Marine</td>
</tr>
</tbody>
</table>
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/Standardized
Facility Code 17830 Light Demolition Range

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

**MATERIAL:** Tape & water.

**OTHER SUPPORT REQUIREMENTS:** Large caliber foreign weapons.

**2301-RSP-2002:** Utilize 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 ensure deflagration of the explosives.

**PERFORMANCE STEPS:**
1. Identify ordnance type.
2. Select technique.
3. Position explosive or tool.
4. Initiate explosive or tool.

**REFERENCES:**
1. AEODPS 60 Series Automated EOD Publication System

**SUPPORT REQUIREMENTS:**

<table>
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<tr>
<th>DODIC</th>
<th>Description</th>
<th>Quantity</th>
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<tbody>
<tr>
<td>G900</td>
<td>Grenade, Hand Incendiary Thermite AN</td>
<td>6 Per per Marine</td>
</tr>
<tr>
<td>M023</td>
<td>Charge, Demolition Block M112 1-1/4</td>
<td>1 Per per Marine</td>
</tr>
<tr>
<td>M130</td>
<td>Cap, Blasting Electric M6</td>
<td>10 Per per Marine</td>
</tr>
<tr>
<td>M131</td>
<td>Cap, Blasting Non-Electric M7</td>
<td>2 Per per Marine</td>
</tr>
<tr>
<td>M474</td>
<td>Container, Demolition Charge MK1 Mod</td>
<td>1 Per per Marine</td>
</tr>
<tr>
<td>M475</td>
<td>Container, Demolition Charge MK2 Mod</td>
<td>1 Per per Marine</td>
</tr>
</tbody>
</table>
There are numerous explosive hazards 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 ensure the safe recovery for reuse and/or intelligence.

PERFORMANCE STEPS:
1. Identify weapons platform/system.
2. Identify ordnance.
3. Identify safety hazards.
4. Determine equipment.
5. Develop a plan in accordance with applicable manuals.
7. Determine disposition.
8. Submit reports.

REFERENCES:
1. AEODPS 60 Series Automated EOD Publication System
2. Applicable technical references

SUPPORT REQUIREMENTS:

RANGE/TRAINING AREA: Facility Code 17830 Light Demolition Range

EQUIPMENT: U.S. and Foreign weapon systems.

2301-RSP-2004: 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 clandestine laboratory.

STANDARD: In order execute render safe procedures.

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.
9. Manufacture improvised initiators, when required.
10. Perform field susceptibility.
11. Perform energetic material sampling, desensitization, collection, and categorization.
12. Employ energetic tools.
13. Conduct sampling from a post blast hazard.
14. Execute disposition of explosive hazards/waste chemicals.
REFERENCES:
1. AEODPS 60 Series Automated EOD Publication System

SUPPORT REQUIREMENTS:

RANGE/TRAINING AREA: Facility Code 17830 Light Demolition Range

EQUIPMENT: EOD family of 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.

MISCELLANEOUS: Energetic materials that could be synthesized and/or categorized:

1. Monomolecular Peroxides
   -Triacetone Triperoxide (TATP)
   -Hexamethylenetriperoxidediamine (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
   -Cyclotrimethylenetraminitramine (RDX)
   -Cyclotrimethylenetriminosamine (R-Salt)
   -Urea Nitrate

5. Aromatic Nitro Compounds
   -Picric Acid

   -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

2301-RSP-2005: Gain Vehicle Access
**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 a target.  
**STANDARD:** To successfully gain access and search the target area.  
**PERFORMANCE STEPS:**  
1. Identify target.  
2. Develop course of action.  
3. Determine appropriate Class V (W) requirement.  
4. Determine required equipment/material.  
5. Employ procedure(s).  
6. Evaluate results.  

**REFERENCES:**  
1. AEODPS 60 Series Automated EOD Publication System  

**SUPPORT REQUIREMENTS:**

**ORDNANCE:**

<table>
<thead>
<tr>
<th>DODIC</th>
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<tbody>
<tr>
<td>DWEI Pyrotechnic Lead Spool Assembly, MK</td>
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<td>M130 Cap, Blasting Electric M6</td>
<td>5 Per per Marine</td>
</tr>
<tr>
<td>M456 Cord, Detonating PETN Type I Class E</td>
<td>50 FT per Marine</td>
</tr>
<tr>
<td>M981 Charge, Demolition Sheet 0.125 Inch</td>
<td>4 FT per Marine</td>
</tr>
<tr>
<td>MN08 Igniter, Time Blasting Fuse with Sho</td>
<td>5 Per per Marine</td>
</tr>
<tr>
<td>MN90 Cap, Blasting, 1000 ft mini-tube M23</td>
<td>1 Per per Marine</td>
</tr>
</tbody>
</table>

**RANGE/TRAINING AREA:**

- Facility Code 17430 Impact Area Dudded
- Facility Code 17431 Impact Area Non-Dudded
- Facility Code 17830 Light Demolition Range

**EQUIPMENT:** Vehicle, EOD family of equipment, and applicable charge containers.

**MATERIAL:** Unit purchased Hydrojets, Mineral Water Bottles, Boot Bangers, Slim Jims, & Head Shot.

**2301-RSP-2006:** Employ Standoff Munitions Disruption

**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 a mission, range and ordnance.

STANDARD: In order to disrupt explosive ordnance.

PERFORMANCE STEPS:
1. Identify ordnance.
2. Select appropriate weapon system.
3. Determine safe area.
4. Evaluate environmental conditions.
5. Employ weapon system.
6. Verify results.

REFERENCES:
1. AEODPS 60 Series Automated EOD Publication System
2. Applicable technical references

SUPPORT REQUIREMENTS:

ORDNANCE: 

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<thead>
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<th>DODIC</th>
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<tr>
<td>A555 Cartridge, Caliber .50 Ball M33 Link</td>
<td>180 Per per Section</td>
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<td>A606 Cartridge, Caliber .50 API MK211 Mod</td>
<td>10 Per per Section</td>
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<tr>
<td>AA11 Cartridge, 7.62mm Long Range M118 LR</td>
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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: EOD Family of equipment

2301-RSP-2007: 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

INITIAL TRAINING SETTING: MOJT

CONDITION: Given a target.

STANDARD: In order to disrupt circuitry.

PERFORMANCE STEPS:
1. Identify the characteristics of target.
2. Determine type of disruption charge required.
3. Determine appropriate charge.
5. Determine emplacement method.
6. Emplace charge.
7. 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:

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<td>DWEI</td>
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<tr>
<td>M023</td>
<td>Charge, Demolition Block M112 1-1/4</td>
<td>3 Per per Marine</td>
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<td>M130</td>
<td>Cap, Blasting Electric M6</td>
<td>3 Per per Marine</td>
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<tr>
<td>M131</td>
<td>Cap, Blasting Non-Electric M7</td>
<td>6 Per per Marine</td>
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<tr>
<td>M456</td>
<td>Cord, Detonating PETN Type I Class E</td>
<td>20 FT per Marine</td>
</tr>
<tr>
<td>M670</td>
<td>Fuse, Blasting Time M700</td>
<td>12 FT per Marine</td>
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<tr>
<td>M980</td>
<td>Charge, Demolition Sheet 0.0831 Inch</td>
<td>2 FT per Marine</td>
</tr>
<tr>
<td>M981</td>
<td>Charge, Demolition Sheet 0.125 Inch</td>
<td>2 FT per Marine</td>
</tr>
<tr>
<td>MN08</td>
<td>Igniter, Time Blasting Fuse with Sho</td>
<td>10 Per per Marine</td>
</tr>
<tr>
<td>MN88</td>
<td>Cap, Blasting, 500 ft mini-tube M21</td>
<td>5 Per per Marine</td>
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<tr>
<td>MN90</td>
<td>Cap, Blasting, 1000 ft mini-tube M23</td>
<td>5 Per per Marine</td>
</tr>
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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: EOD Family of 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 with Trauma Training

2301-SOF-2001: Conduct Clandestine operations

EVALUATION-CODED: NO  SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: The EOD technician must be prepared to work as part of a small advanced specialized team wearing non-standard uniforms and grooming standards. He must be able to organize, transport and utilize select tools that are worn and used in a clandestine environment.

MOS PERFORMING: 2305, 2336
GRADES: SGT, SSGT, GYSGT, MSGT, MGYSGT, WO-1, CWO-2, CWO-3, CWO-4, CWO-5, CAPT, MAJ

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a requirement.

STANDARD: In order to integrate into a combined government, military, or SOF task forces or part of an ASO/TSO qualified team.

PERFORMANCE STEPS:
1. Determine applicable equipment.
2. Prepare equipment in accordance with regional guidance.
3. Conduct EOD actions without being compromised.

REFERENCES:
1. MCO 3571.2_ Explosive Ordnance Disposal (EOD) Program

2301-TRNG-2001: Conduct Unit Training

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

INITIAL TRAINING SETTING: FORMAL

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

STANDARD: To ensure the individual and collective training tasks are performed to standard.

PERFORMANCE STEPS:
1. Review the training standard to determine required resources and the most appropriate method(s) for delivering instruction.
2. Determine required resources.
3. Request the required resources.
4. Prepare a training outline.
5. Prepare the training area.
6. Prepare ORM.
7. Assemble the target audience.
8. Explain the training standard.
9. Conduct a safety brief.
10. Conduct the instruction.
11. Evaluate the performance.
12. Remediate Marines that do not master the training standard.
13. Conduct debrief.
14. Identify follow on training requirements.
15. Update individual training records.

REFERENCES:
1. MCO 3571.2_ Explosive Ordnance Disposal (EOD) Program
2. MCRP 3-0B How to Conduct Training
EOD T&R MANUAL

CHAPTER 6

MOE SPECIAL SKILLS EVENTS

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</tr>
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<td>PURPOSE</td>
<td>6000</td>
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<tr>
<td>EVENT CODING.</td>
<td>6001</td>
</tr>
<tr>
<td>INDEX OF INDIVIDUAL EVENTS</td>
<td>6002</td>
</tr>
<tr>
<td>2000-LEVEL EVENTS</td>
<td>6003</td>
</tr>
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</table>
6000. PURPOSE. This chapter details the individual Methods of Entry events that pertain to selected individuals from the following MOS's; 0307, 0321, 2305, 2336, 5815, 5816, 8152, and 8154. This training is designed to provide methods of entry skill sets to MARSOC, Special Operations Training Group, Force Reconnaissance, Marine Security Force Battalions, Military Police Special Response Teams, and Explosive Ordnance Disposal Teams.

Marines conducting these T&R events must be graduates of the Methods of Entry Course respectively, be serving in a breacher billet, and be certified in writing by their Commanding Officer as a Methods of Entry Breacher.

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
       MOE   Methods of Entry

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

      Code  Description
       BCHR  Breacher

   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

6002. INDEX OF INDIVIDUAL EVENTS

<table>
<thead>
<tr>
<th>EVENT CODE</th>
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<tr>
<td>MOE-BCHR-2001</td>
<td>Plan a Dynamic Entry</td>
<td>6-3</td>
</tr>
<tr>
<td>MOE-BCHR-2002</td>
<td>Prepare for a Dynamic Entry</td>
<td>6-3</td>
</tr>
<tr>
<td>MOE-BCHR-2004</td>
<td>Conduct an Explosive Breach</td>
<td>6-5</td>
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<tr>
<td>MOE-BCHR-2005</td>
<td>Conduct a Mechanical Breach</td>
<td>6-6</td>
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<tr>
<td>MOE-BCHR-2006</td>
<td>Conduct a Ballistic Breach</td>
<td>6-7</td>
</tr>
<tr>
<td>MOE-BCHR-2007</td>
<td>Conduct a Thermal Breach</td>
<td>6-8</td>
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</table>
6003. 2000-LEVEL EVENTS

MOE-BCHR-2001: Plan a Dynamic Entry

EVALUATION-CODED: NO  SUSTAINMENT INTERVAL: 6 months

DESCRIPTION: Upon receipt of a Warning Order, the Breacher is expected to use pertinent intelligence in the analysis and planning of the dynamic entry portion of a mission.

MOS PERFORMING: 0307, 0321, 2305, 2336, 5815, 5816, 8152, 8154

BILLETS: Methods of Entry Breacher

GRADES: CPL, SGT, SSgt, GYSGT, MSGT, WO-1, CWO-2, 2NDLT, 1STLT, CAPT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given the requirement, mission intelligence, and the references.

STANDARD: To support the scheme of maneuver, satisfy commander's intent and provide the team with mission essential information.

PERFORMANCE STEPS:
1. Determine mission requirements.
2. Assess the target.
3. Assess the hazards.
4. Determine the method of entry to be used.
5. Determine the required equipment.

REFERENCES:
1. Local Unit SOPs
2. MCO 3500.27 Operational Risk Management (ORM)
3. Methods of Entry Breachers Log Book
4. SWO 60-AA-MMA-010 Demolition Materials

MISCELLANEOUS:

SPECIAL PERSONNEL CERTS: Marines conducting this event must be qualified and certified as a Methods of Entry Breacher.

MOE-BCHR-2002: Prepare for a Dynamic Entry

EVALUATION-CODED: NO  SUSTAINMENT INTERVAL: 6 months

DESCRIPTION: This event encompasses the preparations conducted concurrently with mission planning and immediately following the completion of planning. The Breacher is expected to utilize manual, mechanical, ballistic, thermal, and explosive tools and techniques.
MOS PERFORMING: 0307, 0321, 2305, 2336, 5815, 5816, 8152, 8154

BILLETs: Methods of Entry Breacher

GRADES: CPL, SGT, SSGT, GYSGT, MSGT, WO-1, CWO-2, 2NDLT, 1STLT, CAPT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a requirement, mission intelligence, breacher's equipment, Class V, and the references.

STANDARD: To ensure the assault team is ready to execute the mission.

PERFORMANCE STEPS:
1. Determine breaching equipment/Class V required.
2. Gather Class V materials (as required).
3. Construct charges (as required).
4. Construct priming systems (as required).
5. Prepare manual equipment (as required).
6. Prepare mechanical equipment (as required).
7. Prepare ballistic equipment (as required).
8. Prepare thermal equipment (as required).
9. Conduct a breacher's brief.
10. Conduct rehearsals.
11. Conduct inspections.

PREREQUISITE EVENTS: MOES-BCHR-2001

REFERENCES:
1. Local Unit SOPs
2. Methods of Entry Breachers 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)
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: Scientific calculator, E-silhouette targets, Non-Metallic prop stick, Goodyear 330B rubber, 1000 ml IV bags, 550 cord, and spray adhesive.

UNITS/PERSOONEL: Trauma qualified Corpsman

MISCELLANEOUS:
ADMINISTRATIVE INSTRUCTIONS: Class V for this event will be obtained from MOES-BCHR-2004 Conduct an explosive breach.

SPECIAL PERSONNEL CERTS: Marines conducting this event must be qualified and certified as a Methods of Entry Breacher.

MOE-BCHR-2004: Conduct an Explosive Breach

EVALUATION-CODED: NO  SUSTAINMENT INTERVAL: 6 months

DESCRIPTION: This event encompasses the Breacher's actions in the Last Covered and Concealed (LCC) position, actions on the objective, and actions immediately following conclusion of the assault. The Breacher is expected to utilize explosive tools and techniques and record charge and charge effects within the charge report.

MOS PERFORMING: 0307, 0321, 2305, 2336, 5815, 5816, 8152, 8154

BILLETS: Methods of Entry Breacher

GRADES: CPL, SGT, SSGT, GYSGT, MSGT, WO-1, CWO-2, 2NDLT, 1STLT, CAPT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a requirement, charge, target, mission intelligence, and the references.

STANDARD: To allow unobstructed entry of the assault team 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.

PREREQUISITE EVENTS:
MOES-BCHR-2001 MOES-BCHR-2002

REFERENCES:
1. Local Unit SOPs
2. SWO 60-AA-MMA-010 Demolition Materials

SUPPORT REQUIREMENTS:

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<th>Quantity</th>
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<td>20 primers per Marine</td>
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<tr>
<td>M023 Charge, Demolition Block M112 1-1/4</td>
<td>5 charges per Marine</td>
<td></td>
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<tr>
<td>M130 Cap, Blasting Electric M6</td>
<td>4 blasting caps per Marine</td>
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<td>M456 Cord, Detonating PETN Type I Class E</td>
<td>100 FT per Marine</td>
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<tr>
<td>M980 Charge, Demolition Sheet 0.0831 Inch</td>
<td>3 FT per Marine</td>
<td></td>
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<tr>
<td>M981 Charge, Demolition Sheet 0.125 Inch</td>
<td>3 FT per Marine</td>
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M982 Charge, Demolition Sheet 0.161 Inch 7 FT per Marine
MM30 Charge, Flexible 20 Gram PETN MK140 10 charges per Marine
MM44 Charge, Demolition Flexible Linear S 3 charges per Marine
MM45 Charge, Demo Flex Linear Shaped 125 3 charges per Marine
MM46 Charge, Demolition Flexible Linear S 3 charges per Marine
MM47 Charge, Demolition Flexible Linear S 3 charges per Marine
MM51 Charge, Demolition Low Hazard MK143 15 FT per Marine
MN08 Igniter, Time Blasting Fuse with Sho 20 igniters per Marine
MN52 MK154 Mod 0 15 Roll 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/PERSOENNEL:** Trauma qualified Corpsman

**MISCELLANEOUS:**

**ADMINISTRATIVE INSTRUCTIONS:** Commanders will ensure that Marines conducting these events are in compliance with NAVMC Directive 5100.8: MARINE CORPS OCCUPATIONAL SAFETY AND HEALTH (OSH) PROGRAM MANUAL; Chapter 16.

**SPECIAL PERSONNEL CERTS:** Marines conducting this event must be qualified and certified as a Methods of Entry Breacher.

**MOE-BCHR-2005:** Conduct a Mechanical Breach

**EVALUATION-CODED:** NO  **SUSTAINMENT INTERVAL:** 6 months

**DESCRIPTION:** This event encompasses the Breacher's actions in the Last Covered and Concealed (LCC) position, actions on the objective, and actions immediately following conclusion of the assault. The Breacher is expected to use the cut-off saw.

**MOS PERFORMING:** 0307, 0321, 2305, 2336, 5815, 5816, 8152, 8154

**BILLETS:** Methods of Entry Breacher

**GRADES:** CPL, SGT, SSGT, GYSGT, MSGT, WO-1, CWO-2, 2NDLT, 1STLT, CAPT

**INITIAL TRAINING SETTING:** FORMAL
CONDITION: Given a requirement, mechanical equipment, target, mission intelligence, and the references.

STANDARD: To allow unobstructed entry of the assault team 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. Local Unit SOPs
2. Methods of Entry Breachers Log Book
3. 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].

MISCELLANEOUS:

SPECIAL PERSONNEL CERTS: Marines conducting this event must be qualified and certified as a Methods of Entry Breacher.

MOE-BCHR-2006: Conduct a Ballistic Breach

EVALUATION-CODED: NO SUSTAINMENT INTERVAL: 6 months

DESCRIPTION: This event encompasses the Breacher's actions in the Last Covered and Concealed (LCC) position, actions on the objective, and actions immediately following conclusion of the assault. The Breacher is expected to use one of the following shotguns to accomplish this task: Mossberg model 590, Remington model 870, Benelli M1014 Combat Shotgun.

MOS PERFORMING: 0307, 0321, 2305, 2336, 5815, 5816, 8152, 8154

BILLETS: Methods of Entry Breacher

GRADES: CPL, SGT, SSGT, GYSGT, MSGT, WO-1, CWO-2, 2NDLT, 1STLT, CAPT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a requirement, ballistic equipment, target, mission intelligence, and the references.
intelligence, and the references.

**STANDARD:** To allow unobstructed entry of the assault team 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. Local Unit SOPs
2. Methods of Entry Breachers Log Book
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.

**MATERIAL:** Doors (wood or metal), door knobs, deadbolts, and hinges.

**UNITS/PERSONNEL:** Trauma qualified Corpsman

**MISCELLANEOUS:**

**SPECIAL PERSONNEL CERTS:** Marines conducting this event must be qualified and certified as a Methods of Entry Breacher.

---

**MOE-BCHR-2007:** Conduct a Thermal Breach

**EVALUATION-CODED:** NO  
**SUSTAINMENT INTERVAL:** 6 months

**DESCRIPTION:** This event encompasses the Breacher's actions in the Last Covered and Concealed (LCC) position, actions on the objective, and actions immediately following conclusion of the assault. The Breacher is expected to use a Tactical Cutting Torch to accomplish this task.

**MOS PERFORMING:** 0307, 0321, 2305, 2336, 5815, 5816, 8152, 8154

**BILLETS:** Methods of Entry Breacher
**GRADES:** CPL, SGT, SSGT, GYSGT, MSGT, WO-1, CWO-2, 2NDLT, 1STLT, CAPT

**INITIAL TRAINING SETTING:** FORMAL

**CONDITION:** Given a requirement, tactical cutting torch, target, mission intelligence, and the references.

**STANDARD:** To allow unobstructed entry of the assault team 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. Local Unit SOPs
2. Methods of Entry Breachers Log Book
3. TCTK - 2006 Tactical Cutting Torch Kits Operating Instructions Manual (July 2006)

**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) TACMN: 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:** Trauma qualified Corpsman

**MISCELLANEOUS:**

**SPECIAL PERSONNEL CERTS:** Marines conducting this event must be qualified and certified as a Methods of Entry Breacher.

**MOE-BCHR-2008:** Conduct a Manual Breach

**EVALUATION-CODED:** NO  
**SUSTAINMENT INTERVAL:** 6 months

**DESCRIPTION:** This event encompasses the Breacher's actions in the Last Covered and Concealed (LCC) position, actions on the objective, and actions immediately following conclusion of the assault. The Breacher is expected to use one or more of the following to accomplish this task: Halligan tool, battering ram, sledgehammer, bolt cutters.

**MOS PERFORMING:** 0307, 0321, 2305, 2336, 5815, 5816, 8152, 8154

**BILLETS:** Methods of Entry Breacher
GRADES:  CPL, SGT, SSGT, GYSGT, MSGT, WO-1, CWO-2, 2NDLT, 1STLT, CAPT

INITIAL TRAINING SETTING:  FORMAL

CONDITION:  Given a requirement, manual equipment, target, mission intelligence, and the references.

STANDARD:  To allow unobstructed entry of the assault team 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:
1. Local Unit SOPs
2. Methods of Entry Breachers 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.

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS:  Re-breachable door and window trainers are a cost effective and suitable substitute for actual target material in a training environment.

SPECIAL PERSONNEL CERTS:  Marines conducting this event must be qualified and certified as a Methods of Entry Breacher.
# ACRONYMS AND ABBREVIATIONS

<table>
<thead>
<tr>
<th>Acronym</th>
<th>Description</th>
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<td>AA</td>
<td>administrative action</td>
</tr>
<tr>
<td>ACC</td>
<td>administrative clerk course</td>
</tr>
<tr>
<td>ADC</td>
<td>area distribution center</td>
</tr>
<tr>
<td>ADCON</td>
<td>administrative control</td>
</tr>
<tr>
<td>ADJ</td>
<td>Adjutant</td>
</tr>
<tr>
<td>ADP</td>
<td>automatic data processing</td>
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<tr>
<td>ADOS</td>
<td>Active Duty Operational Support</td>
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<td>ADSW</td>
<td>active duty special work</td>
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<td>armed forces active duty base date</td>
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<td>American Citizens</td>
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<td>AO</td>
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<td>AO</td>
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<td>AOR</td>
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<td>APAC</td>
<td>advance personnel administrative chief course</td>
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<td>APACS</td>
<td>Aircraft and Personnel Area Clearance System</td>
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<td>all purpose date stamp</td>
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<td>APES</td>
<td>Automated Performance Evaluation System</td>
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<td>APS</td>
<td>Awards Processing System</td>
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<td>ASR</td>
<td>Authorized Strength Report</td>
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<td>Basic Allowance for Subsistence</td>
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<td>Basic Allowance for Housing</td>
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<td>BIC</td>
<td>Billet Information Code</td>
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<td>BIR</td>
<td>basic individual record</td>
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<td>BTR</td>
<td>basic training record</td>
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<td>BMOS</td>
<td>Billet Military Occupational Specialty</td>
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<td>BCNR</td>
<td>Bureau of Corrections for Naval Records</td>
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<td>CA</td>
<td>Convening Authority</td>
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<td>CACO</td>
<td>Casualty Assistance Call Officer</td>
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<td>CAC</td>
<td>common access card</td>
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<td>CDPA</td>
<td>Central Design and Programming Activity</td>
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<td>CertCom</td>
<td>Certificate of Commendation</td>
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<td>CHART</td>
<td>Civilian Hiring and Recruitment Tool</td>
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<td>CJCS</td>
<td>Chairman of the Joint Chiefs of Staff</td>
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<td>CJCSI</td>
<td>Chairman of the Joint Chiefs of Staff instruction</td>
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<td>CJCSM</td>
<td>Chairman of the Joint Chiefs of Staff manual</td>
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<td>CMC</td>
<td>Commandant of the Marine Corps</td>
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<td>CMCC</td>
<td>Classified Material Control Center</td>
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<td>CMF</td>
<td>central master file</td>
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<td>CMR</td>
<td>Consolidated Memorandum Receipt</td>
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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
FMCC . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . Fleet Mail Center
FMMFM . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . Fleet Marine Force manual
FHTNR . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . Fleet Home Town News Release
FMCC . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . future monitor command code
FMIC . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 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
IHC . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . In Hands of Civilian Authorities
IHFPA . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 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
<table>
<thead>
<tr>
<th>Acronym</th>
<th>Full Form</th>
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<tr>
<td>IIADT</td>
<td>Incremental Initial Active Duty</td>
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<tr>
<td>IMA</td>
<td>Individual Mobilization Augmentee</td>
</tr>
<tr>
<td>IMM</td>
<td>International Mail Manual</td>
</tr>
<tr>
<td>IO</td>
<td>Investigating Officer</td>
</tr>
<tr>
<td>IPAC</td>
<td>Installation Personnel Administrative Center</td>
</tr>
<tr>
<td>IPP</td>
<td>In Progress Payments</td>
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<tr>
<td>IRO</td>
<td>Initial Review Officer</td>
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<td>IRR</td>
<td>Individual Ready Reserve</td>
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<td>IRT</td>
<td>Integrated Retail Terminal</td>
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<td>JCS</td>
<td>Joint Chiefs of Staff</td>
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<td>JFTR</td>
<td>Joint Federal Travel regulations</td>
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<td>JMPA</td>
<td>Joint Military Postal Activity (Atlantic or Pacific)</td>
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<td>JP</td>
<td>Joint Publication</td>
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<td>JPERSTAT</td>
<td>Joint Personnel Status</td>
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<td>JPRRA</td>
<td>Joint Personnel Recovery Agency</td>
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<td>JRC</td>
<td>Joint Reception Center</td>
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<td>Joint Task Force</td>
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<td>Key Volunteer Network</td>
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<td>Individual Augments</td>
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<td>Leave and Earnings Statement</td>
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<td>LES</td>
<td>Letter class mail</td>
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<td>LOA</td>
<td>Letter of appreciation</td>
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<td>Letter of Instruction</td>
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<td>LSSS</td>
<td>Legal Services Support Section</td>
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<td>Leave While Awaiting Separation</td>
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<td>MACOM</td>
<td>Major command</td>
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<td>MAGTF</td>
<td>Marine Air-Ground Task Force</td>
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<td>MAMAS</td>
<td>Military Automated Mail Accounting System</td>
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<td>MAO</td>
<td>Mail address only</td>
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<td>MARDIV</td>
<td>Marine Division</td>
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<td>Marine Corps Forces</td>
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<td>Marine Corps Base</td>
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<td>Marine Corps Combat Service Support Schools</td>
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<td>Marine Corps Order</td>
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<td>Marine Corps Mobilization Processing System</td>
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<td>MCWP</td>
<td>Marine Corps Warfighting Publication</td>
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<td>MCTFS</td>
<td>Marine Corps Total Force System</td>
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<td>MEF</td>
<td>Marine Expeditionary Force</td>
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<td>MEU</td>
<td>Marine Expeditionary Unit</td>
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<tr>
<td>MEU(SOC)</td>
<td>Marine Expeditionary Unit (special operations capable)</td>
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<td>MIDAS</td>
<td>Military and International Dispatch and Accountability System</td>
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<td>MILSTAMP</td>
<td>Military standard transportation and movement procedure</td>
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<td>MIS</td>
<td>Manpower Information Systems</td>
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<td>MISSA</td>
<td>Manpower Information System Support Agency</td>
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<td>MISSO</td>
<td>Manpower Information System Support Office</td>
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<tr>
<td>Acronym</td>
<td>Definition</td>
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<td>MLG</td>
<td>Marine Logistics Group</td>
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<td>MMSB</td>
<td>Manpower Management Support Branch</td>
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<td>MO</td>
<td>money order</td>
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<td>MOB</td>
<td>money order business</td>
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<td>MOC</td>
<td>Manpower Officer Course</td>
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<td>MODIS</td>
<td>Military Origin Destination Information System</td>
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<td>MOID</td>
<td>money order identification number</td>
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<td>MOJT</td>
<td>Managed On the Job Training</td>
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<td>MOL</td>
<td>Marine Online</td>
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<td>MOM</td>
<td>military ordinary mail</td>
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<tr>
<td>MOS</td>
<td>Military Occupational Specialty</td>
</tr>
<tr>
<td>MPC</td>
<td>military postal clerk</td>
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<tr>
<td>MPO</td>
<td>Military Post Office</td>
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<tr>
<td>MPS</td>
<td>Military Postal System</td>
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<td>MPSA</td>
<td>Military Postal Service Agency</td>
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<td>MRTM</td>
<td>Manpower requirements tracking module</td>
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<td>MSC</td>
<td>Major Subordinate Command</td>
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<tr>
<td>MSE</td>
<td>Major Subordinate Element</td>
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<tr>
<td>MSPF</td>
<td>Maritime Special Purpose Force</td>
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<td>MWR</td>
<td>Morale, Welfare and Recreation</td>
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<td>NAMALA</td>
<td>Navy and Marine Corps Appellate Leave Activity</td>
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<td>NATO</td>
<td>North Atlantic Treaty Organization</td>
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<td>NAVMC</td>
<td>Navy and Marine Corps</td>
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<td>NCIS</td>
<td>Naval Criminal Investigative Service</td>
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<td>NDEA</td>
<td>Non-DTS Entry Agent</td>
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<td>NEO</td>
<td>Noncombatant Evacuation Operations</td>
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<tr>
<td>NIPRNET</td>
<td>Nonsecure Internet Protocol Router Network</td>
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<td>NJP</td>
<td>non-judicial punishment</td>
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<td>NOK</td>
<td>Next of Kin</td>
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<td>NSPS</td>
<td>National Security Personnel System</td>
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<tr>
<td>NOE</td>
<td>Notice of Eligibility</td>
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<tr>
<td>NOK</td>
<td>Next of Kin</td>
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<td>OMF</td>
<td>Operational Data Storage Enterprise</td>
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<td>OCCFLD</td>
<td>occupational field</td>
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<td>OCONUS</td>
<td>Outside the Continental United States</td>
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<td>ODSE</td>
<td>Operational Defense Travel Administrator</td>
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<td>OHA</td>
<td>Overseas Housing Allowance</td>
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<tr>
<td>OMM</td>
<td>Official Mail Manager</td>
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<td>OMFP</td>
<td>Official Military Personnel File</td>
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<td>OPCODE</td>
<td>operational control</td>
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<td>OPOR</td>
<td>Operating Forces</td>
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<td>OPLAN</td>
<td>operations plan</td>
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<td>OPLAN</td>
<td>Office of the Chief of Naval Operations</td>
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<tr>
<td>OPORD</td>
<td>operations order</td>
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<td>OPT</td>
<td>Operational Planning Team</td>
</tr>
<tr>
<td>OSP</td>
<td>outside piece</td>
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<td>OPREP</td>
<td>Operations Report</td>
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<td>OPSEC</td>
<td>operations security</td>
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<td>QQR</td>
<td>Officer Qualification Record</td>
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<td>PAC</td>
<td>Personnel Administration Center</td>
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</table>
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.

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.
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.

Prerequisite Event. Prerequisites are the academic training and/or T&R events that must be completed prior to attempting the event.

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.

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.

**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.

**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.

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.
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 (1000 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 (2000-4000 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 NAVSCOLEOD 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 (4000-6000 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.
APPENDIX D

CLASS V(W) REQUIRED FOR EOD TRAINING

1. The Class V listed in this appendix is required to train both the individual collective events.

MEMORANDUM

3 Feb 2014

From: Training Ammunition Branch, TECOM G4
Subj: AMMUNITION BRANCH ANALYSIS FOR EOD T&R

Encl: (1) Proposed Ammo Appendix format for EOD T&R

1. TECOM G4 Ammo Branch has conducted a cost and supportability analysis for the subject T&R Ammunition Appendix.

2. 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.

3. 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
   DWE1 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

4. 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.

5. 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.
6. The point of contact for this analysis is Major Bill Lanham, 703 784-3711.

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The below matrix for Methods of Entry (MOES) is provided for reference only, refer to the MEU T&R for allowances.
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APPENDIX D

CLASS V(W) REQUIRED FOR EOD TRAINING

1. The Class V listed in this appendix is required to train both the individual collective events.

MEMORANDUM 3 Feb 2014

From: Training Ammunition Branch, TECOM G4
Subj: AMMUNITION BRANCH ANALYSIS FOR EOD T&R
Encl: (1) Proposed Ammo Appendix format for EOD T&R

1. TECOM G4 Ammo Branch has conducted a cost and supportability analysis for the subject T&R Ammunition Appendix.

2. 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.

3. 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

4. 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.

5. 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.
6. The point of contact for this analysis is Major Bill Lanham, 703 784-3711.

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**DODIC | NOMENCLATURE**
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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
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The below matrix for Methods of Entry (MOEs) is provided for reference only, refer to the MEU T&R for allowances.
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