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Subj: MARINE EXPEDITIONARY UNIT (MEU) TRAINING AND READINESS (T&R) MANUAL

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

Encl: (1) MEU T&R Manual

1. Purpose. Per references (a), this T&R Manual establishes training standards, regulations and practices of Marines and assigned Navy personnel in the MEUs. Additionally, it provides tasking for formal schools and the Special Operations Training Groups (SOTGs) to prepare personnel for deployment.

2. Cancellation. NAVMC 3500.44

3. Scope

a. The Core Capability Mission Essential Task List (METL) 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 Marines and assigned Navy personnel. Commanders will use reference (c) to incorporate Nuclear, Biological, and Chemical Defense (NBCD) training into training plans and reference (d) to integrate Operational Risk Management (ORM). References (e) and (f) provide amplifying information for effective planning and management of training within the unit.

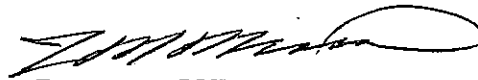
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c. Formal school and training detachment commanders will use references (a) and (g) to ensure programs of instruction meet skill training requirements established in this Manual and provides career progression training in the events designated for 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 (MTESD) (C 465), 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.



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By direction

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CHAPTER 1

OVERVIEW

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MEU T&R MANUAL

CHAPTER 1

OVERVIEW

**1000. INTRODUCTION**

1. The T&R Program is the Corps' primary tool for planning, conducting and evaluating training and assessing training readiness. Subject Matter Experts (SMEs) from the operating forces developed core capability Mission Essential Task Lists (METLs) for ground communities derived from the Marine Corps Task List (MCTL). T&R Manuals are built around these METLs and all events contained in T&R Manuals relate directly to this METL. 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 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 capabilities METL. However, commanders will adjust their training focus to support METLs associated with a major OPLAN/CONPLAN or named operation as designated by their higher commander and reported accordingly in the Defense Readiness Reporting System (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.** T&R Manuals are organized in one of two methods: unit-based or community-based. Unit-based T&R Manuals are written to support a type of unit (Infantry, Artillery, Tanks, etc.) and contain both collective and individual training standards. Community-based are written to support an Occupational Field, a group of related Military Occupational Specialties (MOSs), or billets within an organization (EOD, CBRN, Intel, etc.), and usually only contain individual training standards. T&R Manuals are comprised of chapters that contain unit METs, collective training standards (CTS), and individual training standards (ITS) for each MOS, billet, etc.

**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 4 characters indicate MOS or Community (e.g., 0321, 1812 or INTL)

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

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

<b>Individual Formal School Training Entry-Level (Core Skills)</b>	<b>Individual Training &amp; Career Progression MOJT, Career-level or Advanced-level School (Core Plus Skills)</b>	<b>Collective Training  CREW</b>	<b>Collective Training  SECTION</b>
1000-Level	2000-Level	3000-Level	4000-Level
<b>Collective Training  PLATOON</b>	<b>Collective Training  COMPANY</b>	<b>Collective Training  BATTALION</b>	<b>Collective Training  REG/BDE/MEU</b>
5000-Level	6000-Level	7000-Level	8000-Level

Figure 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 (3000-9000-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: 0231-TGT-3801 would refer to an event conducted by a four Marine Targeting Cell supporting a Regiment or Group, 0231-TGT-3001 would represent an event the Targeting Cell does in support of any sized unit. The event would not be labeled 0231-TGT-8001 because that would imply that a regiment sized targeting 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.

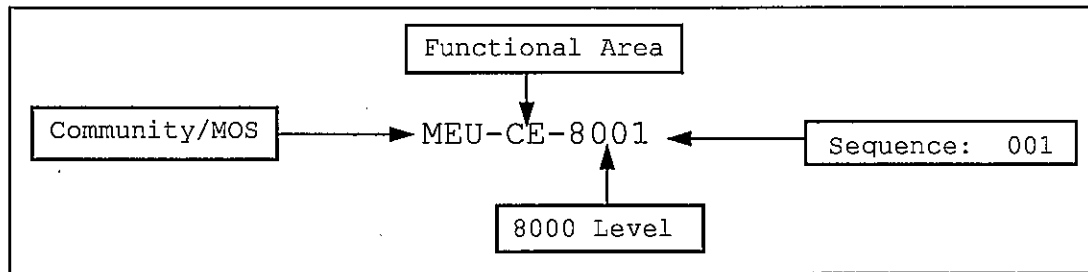


Figure 2: T&R Event Coding

**1006. EVALUATION-CODED (E-CODED) EVENTS.** 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 Evaluation-Coded, or 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 Mission Essential Tasks for units that must report readiness in the Defense Readiness Reporting System (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.

**1007. COMBAT READINESS PERCENTAGE**

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. Combat Readiness Percentage (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.

#### 1008. CRP CALCULATION

1. Collective training begins at the 3000 level (team, crew or equivalent). Unit training plans are designed to accomplish the events that support the unit METL while simultaneously sustaining proficiency in individual core skills. Using the battalion-based (unit) model, the battalion (7000-Level) has collective events that directly support a MET on the METL. These collective events are E-Coded and 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 4 E-Coded events, each contributing 25% towards the completion of the MET. If the unit has completed and is current on three of the four E-Coded events for a given MET, then they have completed 75% of the MET. The CRP for each MET is added

together and divided by the number of METS to get unit CRP; unit CRP is the average of MET CRP.

For Example:

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

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

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

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

#### 1009. 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 Evaluation-Coded, or 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 Mission Essential Tasks for units that must report readiness in the Defense Readiness Reporting System (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 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 its use is strongly encouraged for collective events. This field can be of great value guiding a formal learning center 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." 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 formal learning center (FLC), in the Operational Forces 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 DL for sustainment. If the occupational field determines that an event can be trained to standard by use of simulation or a DL product, this will be noted in the description block. The specific simulation or DL product that is acceptable will be noted in the block as well.

a. Simulation should be used, whenever possible, in lieu of live training (particularly when resources to support the event are constrained); or at the Commander's discretion, used as a precursor to live training in order to help maximize and enhance the live training event.

b. This task can be supported by self-paced, computer based training, (i.e. MarineNet).

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 4-2.



<u>0321-PAT-4101</u> Conduct Team Planning			
<u>EVALUATION CODED:</u> YES		<u>SUPPORTED MET(S):</u> 1, 2, 3, 4, 5, 6, 7, 8, 9	
<u>DESCRIPTION:</u> The unit is conducting tactical operations. The unit has been issued a warning order to conduct reconnaissance patrols to collect information and to conduct normal security patrols. The patrol will be conducted on a 24-hour basis. This event may be trained to standard using the XYZ simulation program available at all MISTC locations.			
<u>CONDITION:</u> When given a Warning Order, Patrol Order or Frag Order.			
<u>STANDARD:</u> Prior to commencement of exercise or operation, so that subordinates have 2/3 of the total time before step-off for planning, to include all elements of the plan.			
<u>EVENT COMPONENTS:</u>			
1. Receive Warning Order or Patrol Order.			
2. Analyze for Mission using commander's guidance, METT-TSL, KOCOA.			
3. Analyze the mission and available information to identify specific tasks with respect to commander's guidance, METT-TSL and KOCOA.			
4. Create the plan.			
<u>RELATED ITES:</u>			
0321-PAT -1102	0321-PAT -1101	0321-COMM-1207	0321-FSPT-2301
0321-FSPT-2302	0321-FSPT-2303	0321-SURV-1403	
<u>REFERENCES:</u>			
1. FMFM 6-4 Marine Rifle Company			
2. MCWP 3-11.3 Scouting and Patrolling			
3. MCRP 2-15.1 DRAFT Ground Reconnaissance Handbook			

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

#### 1010. CBRND TRAINING

1. All personnel assigned to the operating force must be trained in chemical, biological, radiological, and nuclear defense (CBRND), in order to survive and continue their mission in a CBRN 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 a CBRN incident. Basic operating standards are those that the individual, and collectively the unit, must perform to continue operations in a CBRND environment.

2. CBRN Officers and Specialists are instrumental in integrating realistic scenarios/situations that challenge units' ability to operate in a CBRN environment. Units should train under CBRND conditions whenever possible. Per reference (c), all units must be capable of accomplishing their assigned mission in a contaminated environment.

#### 1011. 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 individual, crew, and unit proficiency.

#### **1012. 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).

#### **1013. APPLICATION OF SIMULATION**

1. Simulations/Simulators and other training devices shall be used when they are capable of effectively and economically supplementing training on the identified training task. Particular emphasis shall be placed on simulators that provide training that might be limited by safety considerations or constraints on training space, time, or other resources. When deciding on simulation issues, the primary consideration shall be improving the quality of training and consequently the state of readiness. Potential savings in operating and support costs normally shall be an important secondary consideration.

2. Each training event contains information relating to the applicability of simulation. If simulator training applies to the event, then the applicable simulator(s) is/are listed in the "Simulation" section and the CRP for

simulation training is given. This simulation training can either be used in place of live training, at the reduced CRP indicated; or can be used as a precursor training for the live event, i.e., weapons simulators, convoy trainers, observed fire trainers, etc. It is recommended that tasks be performed by simulation prior to being performed in a live-fire environment. However, in the case where simulation is used as a precursor for the live event, then the unit will receive credit for the live event CRP only. If a tactical situation develops that precludes performing the live event, the unit would then receive credit for the simulation CRP.

#### **1014. 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 Marine Corps Task List (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.

MEU T&R MANUAL

CHAPTER 2

MISSION ESSENTIAL TASKS LIST MATRIX

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MEU T&R MANUAL

CHAPTER 2

MISSION ESSENTIAL TASKS LIST MATRIX

**2000. MEU MISSION ESSENTIAL TASKS (METS).** The list below includes the core capability METL for the MEU. The MEU METL is supported by the Command Element (CE) and Major Subordinate Elements (MSE) METLs identified in paragraph 2001. All METs are derived from the Marine Corps Task List (MCTL) and approved by the Marine Expeditionary Unit (MEU) Operational Advisory Group for DRRS reporting.

<b>MET 10</b>	MCT 1.3.2.2	Conduct Amphibious Raid
<b>MET 11</b>	MCT 1.3.2.3	Conduct Amphibious Assault
<b>MET 1</b>	MCT 1.3.2.8	Conduct Maritime Interdiction Operations
<b>MET 33</b>	MCT 1.3.3.3.2	Conduct Aviation Operations From Expeditionary Shore-Based Sites
<b>MET 34</b>	MCT 1.6.10	Conduct Advance Force Operations
<b>MET 14</b>	MCT 1.6.5.6	Conduct Airfield Seizure Operations
<b>MET 15</b>	MCT 1.6.6.6	Conduct Noncombatant Evacuation Operations (NEO)
<b>MET 16</b>	MCT 1.6.6.7	Conduct Humanitarian Assistance (HA)
<b>MET 17</b>	MCT 1.6.6.9	Conduct Stability Operations
<b>MET 35</b>	MCT 5.5	Conduct Joint and Combined Operations
<b>MET 36</b>	MCT 5.5.5	Conduct Support Theater Security Cooperation (TSC) Activities
<b>MET 19</b>	MCT 6.2.1	Conduct Tactical Recovery of Aircraft and Personnel (TRAP)

**2001. MISSION ESSENTIAL TASKS LIST (METL).** The list below includes the core capability METLs for the CE and MSE with the collective E-Coded events that support each MET. All METs are derived from the Marine Corps Task List (MCTL) and approved by the Marine Expeditionary Unit (MEU) Operational Advisory Group for DRRS reporting.

Command Element (CE) METL

<b>MET 1</b>	MCT 1.3.2.8	Conduct Maritime Interdiction Operations
<b>MET 2</b>	MCT 2.1	Plan and Direct Intelligence Operations
<b>MET 3</b>	MCT 3.2.1.3	Integrate Fire Support with the Scheme of Maneuver
<b>MET 4</b>	MCT 3.2.7	Conduct Battlespace Shaping Operations
<b>MET 5</b>	MCT 4.3.1	Conduct Embark Support
<b>MET 6</b>	MCT 4.11	Plan and Direct Logistics Operations
<b>MET 7</b>	MCT 5	Exercise Command and Control
<b>MET 8</b>	MCT 5.4.1	Conduct Information Operations Battlespace Shaping
<b>MET 9</b>	MCT 5.5.2.1	Integrate and Operate with Joint and Interagency Organizations
<b>MET 33</b>	MCT 1.3.3.3.2	Conduct Aviation Operations From Expeditionary Shore-Based Sites
<b>MET 34</b>	MCT 1.6.10	Conduct Advance Force Operations
<b>MET 35</b>	MCT 5.5	Conduct Joint and Combined Operations

**MET 36** MCT 5.5.5 Conduct Support Theater Security Cooperation (TSC) Activities

Ground Combat Element (GCE) METL

**MET 10** MCT 1.3.2.2 Conduct Amphibious Raid  
**MET 11** MCT 1.3.2.3 Conduct Amphibious Assault  
**MET 12** MCT 1.6.1 Conduct Offensive Operations  
**MET 13** MCT 1.6.4 Conduct Defensive Operations  
**MET 14** MCT 1.6.5.6 Conduct Airfield/Port Seizure Operations  
**MET 15** MCT 1.6.6.6 Conduct Noncombatant Evacuation Operations  
**MET 16** MCT 1.6.6.7 Conduct Humanitarian Assistance  
**MET 17** MCT 1.6.6.9 Conduct Stability Operations  
**MET 18** MCT 5.5.1 Integrate and Operate with Joint, Interagency, Intergovernmental & Multinational (JIIM) Organizations  
**MET 19** MCT 6.2.1 Conduct Tactical Recovery of Aircraft and Personnel

Logistics Combat Element (LCE) METL

**MET 20** MCT 1.6.6.6.1 Provide Evacuation Control Center (ECC)  
**MET 21** MCT 4.1.2 Conduct Ground Supply Operations  
**MET 22** MCT 4.2.2 Conduct Ground Equipment Maintenance  
**MET 23** MCT 4.3 Conduct Transportation Operations  
**MET 24** MCT 4.4 Conduct General Engineering Operations  
**MET 25** MCT 4.5 Provide Health Services  
**MET 26** MCT 4.6.1 Provide Logistics Combat Element (LCE) Support Services  
**MET 16** MCT 1.6.6.7 Conduct Humanitarian Assistance  
**MET 37** MCT 6.8 Conduct Explosive Ordnance Disposal (EOD) Operations

Aviation Combat Element (ACE) METL

**MET 27** MCT 1.3.3 Conduct Aviation Operations  
**MET 28** MCT 1.3.4 Conduct Assault Support Operations  
**MET 29** MCT 2.2.5.2 Conduct Air Reconnaissance  
**MET 30** MCT 3.2.3 Conduct Aviation Delivered Fires  
**MET 31** MCT 5.3.5 Control Aircraft and Missiles  
**MET 32** MCT 6.1.1.7 Conduct Anti-Air Warfare (Air Defense)

The matrix below reflects the appropriate supporting events for each MET. Events that are not MEU specific are maintained in the manual identified in column three.

Command Element (CE)

MET 1	MCT 1.3.2.8 Conduct Maritime Interdiction Operations	Manual	Version	E-Coded
MEU-VBSS-8001	Direct a VBSS Operation	MEU	New	Yes
MEU-VBSS-6001	Conduct a VBSS Mission	MEU	New	
MEU-VBSS-6002	Insert a Boat Assault Force (BAF)	MEU	New	
MEU-VBSS-6003	Insert a Helicopter-borne Assault Force (HAF)	MEU	New	
MEU-VBSS-6004	Insert a Combined BAF/HAF	MEU	New	

MEU-VBSS-8002	Plan and coordinate Supporting Fires	MEU	New	Yes
MEU-VBSS-5001	Conduct Close Quarters Tactics (CQT)	MEU	New	
MEU-VBSS-2001	Employ Ship, Vessel, or Maritime Platform Communications System	MEU	New	
MEU-VBSS-1001	Employ a Tactical Flotation Support System (TFSS)	MEU	New	
<del>MCT 2</del>	<del>MCT 2-1: Plan and Direct Intelligence Operations</del>	<del>Manual</del>	<del>Version</del>	<del>E-Coded</del>
MEU-INT-8003	Coordinate Full Spectrum Intelligence Operations	MEU	New	Yes
MEU-INT-8001	Conduct Intelligence Support to Planning	Infantry	Working Copy NAVMC 3500.44A (Revision Pending)	Yes
MEU-INT-8005	Conduct Intelligence and Surveillance and Reconnaissance Operations	Infantry	Working Copy NAVMC 3500.44A (Revision Pending)	Yes
MEU-OPS-8800	Conduct climatic/meteorological analysis	MEU	New	Yes
<del>MCT 3</del>	<del>MCT 3-2-1-3: Integrate Fire Support w/ the Scheme of Maneuver</del>	<del>Manual</del>	<del>Version</del>	<del>E-Coded</del>
MEU-FSPT-8301	Conduct Fire Support Planning	MEU	New	Yes
MEU-FSPT-8302	Conduct Fire Support Coordination	MEU	New	Yes
MEU-FSPT-8303	Develop deliberate (D3A) targeting	MEU	New	Yes
MEU-FSPT-8304	Develop dynamic targeting	MEU	New	Yes
MEU-FSPT-8306	Conduct joint fires	MEU	New	Yes
<del>MCT 4</del>	<del>MCT 3-2-7: Conduct Battlespace Shaping Operations</del>	<del>Manual</del>	<del>Version</del>	<del>E-Coded</del>
MEU-INT-8001	Conduct Intelligence Support to Planning	Infantry	Working Copy NAVMC 3500.44A (Revision Pending)	Yes
MEU-FSPT-8301	Conduct Fire Support Planning	MEU	New	Yes
MEU-FSPT-8302	Conduct Fire Support Coordination	MEU	New	Yes
MEU-INT-8005	Conduct Intelligence and Surveillance and Reconnaissance Operations	Infantry	Working Copy NAVMC 3500.44A (Revision Pending)	Yes
MEU-FSPT-8303	Develop deliberate (D3A) targeting	MEU	New	Yes
MEU-FSPT-8304	Develop dynamic targeting	MEU	New	Yes
MEU-FSPT-8306	Conduct joint fires	MEU	New	Yes
MEU-IO-8001	Plan and Direct Information Operations	MEU	New	Yes
MEU-OPS-8800	Conduct climatic/meteorological analysis	MEU	New	Yes
MEU-INT-8003	Coordinate Full Spectrum Intelligence Operations	MEU	New	Yes
<del>MCT 5</del>	<del>MCT 4-3-1: Conduct Embark Support</del>	<del>Manual</del>	<del>Version</del>	<del>E-Coded</del>
MEU-LOG-8006	Prepare Forces for Movement	MEU	New	Yes
MEU-LOG-8011	Plan and Direct Embarkation/Debarcation Operations	MEU	New	Yes
MEU-LOG-8010	Determine Lift Requirements	MEU	New	Yes
LOG-EXCU-4302	Conduct Amphibious Embarkation	Logistics	NAVMC 3500.27A - 26 June 2008	Yes
MEU-CE-8002	Conduct Embarkation	MEU	New	Yes
<del>MCT 6</del>	<del>MCT 4-11: Plan and Direct Logistics Operations</del>	<del>Manual</del>	<del>Version</del>	<del>E-Coded</del>
MEU-C2-8002	Conduct Combat Operations Center (COC) Operations	MEU	New	Yes
MEU-C2-8003	Establish/Conduct Landing Force Operations Center (LFOC) Operations	MEU	New	Yes
MEU-C2-8005	Conduct planning	MEU	New	Yes
MEU-C2-8006	Conduct assessment	MEU	New	Yes
MEU-CE-8002	Conduct embarkation	MEU	New	Yes
MEU-LOG-8002	Plan and direct Transportation Operations	MEU	New	Yes
MEU-LOG-8003	Plan and Direct supply operations	MEU	New	Yes
MEU-LOG-8004	Plan and direct general engineering	MEU	New	Yes

	operations			
MEU-LOG-8005	Plan and Direct maintenance operations	MEU	New	Yes
MEU-LOG-8006	Prepare Forces for Movement	MEU	New	Yes
MEU-LOG-8007	Plan and direct services	MEU	New	Yes
MEU-LOG-8010	Determine lift requirements	MEU	New	Yes
MEU-LOG-8011	Plan and direct embarkation/debarkation operations	MEU	New	Yes
MEU-LOG-8015	Provide and Direct health services support (HSS)	MEU	New	Yes
MEU-OPS-8001	Plan and direct amphibious operations	MEU	New	Yes
<b>MCT 7</b>	<b>MCT 5 Exercise Command and Control</b>	<b>Manual</b>	<b>Version</b>	<b>E-Coded</b>
MEU-C2-8001	Plan and Direct Communications and Information System (CIS)	MEU	New	Yes
MEU-C2-8002	Conduct combat operations center (COC) Operations	MEU	New	Yes
MEU-C2-8003	Establish/Conduct Landing Force Operations Center (LFOC)	MEU	New	Yes
MEU-C2-8004	Execute the orders process	MEU	New	Yes
MEU-C2-8005	Conduct Planning	MEU	New	Yes
MEU-C2-8006	Conduct assessment	MEU	New	Yes
MEU-CBRN-8702	Plan and direct CBRN defense operations	MEU	New	Yes
MEU-CE-8004	Conduct information operations	MEU	New	Yes
MEU-FSPT-8302	Conduct fire support coordination	MEU	New	Yes
MEU-OPS-8001	Plan and direct Amphibious Operations	MEU	New	Yes
MEU-OPS-8002	Plan and Direct Expeditionary Support to other operations, crisis response and contingency operations	MEU	New	Yes
MEU-OPS-8003	Integrate with Special Operations Forces	MEU	New	Yes
MEU-OPS-8004	Integrate with multinational forces and /or intergovernmental organizations	MEU	New	Yes
MEU-OPS-8007	Integrate with Joint Forces and Interagency Organizations	MEU	New	Yes
MEU-OPS-8008	Employ command and control systems	MEU	New	Yes
MEU-OPS-8009	Execute command and control of an operation	MEU	New	Yes
<b>MCT 8</b>	<b>MCT 5 4 1 Conduct Information Operations (IO) Battlespace Shaping</b>	<b>Manual</b>	<b>Version</b>	<b>E-Coded</b>
MEU-CE-8004	Conduct Information Operations	MEU	New	Yes
<b>MCT 9</b>	<b>MCT 5 5 2 1 Integrate and Operate with Joint and Interagency Organizations</b>	<b>Manual</b>	<b>Version</b>	<b>E-Coded</b>
MEU-OPS-8003	Integrate with Special Operations Forces	MEU	New	Yes
MEU-OPS-8004	Integrate with multinational forces and/or intergovernmental organizations	MEU	New	Yes
MEU-OPS-8005	Conduct security cooperation activities	MEU	New	
MEU-OPS-8007	Integrate with Joint Forces and Interagency Organizations	MEU	New	Yes

Ground Combat Element (GCE)

<b>MCT 10</b>	<b>MCT 1 3 2 2 Conduct Amphibious Raid</b>	<b>Manual</b>	<b>Version</b>	<b>E-Coded</b>
MEU-GCE-7001	Conduct Amphibious Operations	MEU	New	Yes
MEU-GCE-6001	Conduct Waterborne Ship-to-Shore Movement Using Small Boat (31st MEU Only)	MEU	New	



0321-AMPH-5001	Conduct Amphibious Reconnaissance	Recon	Working	
0321-C2-5001	Conduct Platoon Reconnaissance Operations Center (ROC) Operations	Recon	Working	Yes
0321-OFF-5001	Conduct a Raid	Recon	Working	Yes
0321-RECN-5001	Conduct Ground Reconnaissance	Recon	Working	
AAV-AMPH-5602	Conduct Waterborne Ship to Shore Movement	AAV	Version 1	Yes
AAV-AMPH-5603	Support Amphibious Raid	AAV	Signed Manual June 2009	Yes
ARTY-BTRY-6102	Conduct Reconnaissance and Selection of Position (Vertical Assault)	Artillery	Working Copy of Signed 15 Mar 07	Yes
ARTY-BTRY-6108	Occupy Position Area (Helo OPS)	Artillery	Working Copy of Signed 15 Mar 07	
ARTY-BTRY-6114	Plan and Schedule Fires	Artillery	Working Copy of Signed 15 Mar 07	
ARTY-BTRY-6115	Execute a Schedule of Fires	Artillery	Working Copy of Signed 15 Mar 07	
ARTY-BTRY-6132	Plan Helicopter Operations	Artillery	Working Copy of Signed 15 Mar 07	
ARTY-FDC-6113	Conduct Indirect Fire Missions	Artillery	Working Copy of Signed 15 Mar 07	Yes
ENGR-CMOB-5701	Create Obstacle Groups	Engineer	Version 2	
ENGR-MOBL-5801	Conduct Obstacle Breaching Operations	Engineer	Version 2	Yes
ENGR-INF-5401	Fight as Provisional Infantry	Engineer	Version 2	
ENGR-RECN-5901	Conduct Cache Sweep Operations	Engineer	Version 2	
INF-C2-7005	Conduct Planning	Infantry	Working Copy NAVMC 3500.44A (Revision Pending)	Yes
INF-C2-7002	Conduct Command Post (CP) Operations	Infantry	Working Copy NAVMC 3500.44A (Revision Pending)	Yes
INF-C2-6013	Prepare for Combat Operations	Infantry	Working Copy NAVMC 3500.44A (Revision Pending)	
INF-FSPT-7301	Operate the Fire Support Coordination Center or Equivalent	Infantry	Working Copy NAVMC 3500.44A (Revision Pending)	
INF-FSPT-7302	Conduct Fire Support Coordination	Infantry	Working Copy NAVMC 3500.44A (Revision Pending)	
INF-FSPT-6301	Conduct Fire Support Planning	Infantry	Working Copy NAVMC 3500.44A (Revision Pending)	
INF-FSPT-6302	Conduct Fire Support Team (FIST) Operations	Infantry	Working Copy NAVMC 3500.44A (Revision Pending)	
INF-MAN-7179	Conduct Amphibious Staff Planning	Infantry	Working Copy NAVMC 3500.44A (Revision Pending)	Yes
INF-MAN-7192	Conduct an Amphibious Assault	Infantry	Working Copy NAVMC 3500.44A (Revision Pending)	Yes
INF-MAN-6109	Conduct a Raid	Infantry	Working Copy NAVMC 3500.44A (Revision Pending)	Yes
INF-MAN-6154	Conduct a Helicopter-Borne/Tilt-Rotor Operations	Infantry	Working Copy NAVMC 3500.44A (Revision Pending)	Yes
MEU-11	MCT 1-3 2-3 Conduct Amphibious Assault	Manual	Version	E-Coded
MEU-GCE-7001	Conduct Amphibious Operations	MEU	New	Yes
MEU-GCE-6001	Conduct Waterborne Ship-to-Shore Movement Using Small Boat (31st MEU Only)	MEU	New	
0321-AMPH-5001	Conduct Amphibious Reconnaissance	Recon	Working	Yes
0321-RECN-5001	Conduct Ground Reconnaissance	Recon	Working	Yes
AAV-AMPH-5602	Support Amphibious Assault	AAV	Signed Manual June 2009	Yes
ARTY-BTRY-6102	Conduct Reconnaissance and Selection of Position (Vertical Assault)	Artillery	Working Copy of Signed 15 Mar 07	Yes
ARTY-BTRY-6108	Occupy Position Area (Helo OPS)	Artillery	Working Copy of Signed 15 Mar 07	
ARTY-BTRY-6132	Plan Helicopter Operations	Artillery	Working Copy of Signed 15 Mar 07	
ENGR-MOBL-5801	Conduct Obstacle Breaching	Engineer	Version 2	Yes

	Operations			
ENGR-INF-5401	Fight as Provisional Infantry	Engineer	Version 2	
ENGR-RECN-5401	Conduct Engineer Reconnaissance	Engineer	Version 2	Yes
ENGR-RECN-5901	Conduct Cache Sweep Operations	Engineer	Version 2	
INF-C2-7005	Conduct Planning	Infantry	Working Copy NAVMC 3500.44A (Revision Pending)	Yes
INF-C2-7002	Conduct Command Post (CP) Operations	Infantry	Working Copy NAVMC 3500.44A (Revision Pending)	Yes
INF-MAN-7179	Conduct Amphibious Staff Planning	Infantry	Working Copy NAVMC 3500.44A (Revision Pending)	Yes
INF-MAN-7192	Conduct an Amphibious Assault	Infantry	Working Copy NAVMC 3500.44A (Revision Pending)	Yes
INF-FSPT-7301	Operate the Fire Support Coordination Center	Infantry	Working Copy NAVMC 3500.44A (Revision Pending)	
INF-FSPT-7302	Conduct Fire Support Coordination	Infantry	Working Copy NAVMC 3500.44A (Revision Pending)	
LAR-DEF-5091	Conduct a Screen	LAR	NAVMC 3500.16 Draft Jan 2010	
LAR-MNVR-5001	Perform a Zone Reconnaissance	LAR	NAVMC 3500.16 Draft Jan 2010	Yes
<b>MET 12</b>	<b>MCT 1.6.1 Conduct Offensive Operations</b>	<b>Manual</b>	<b>Version</b>	<b>E-Coded</b>
MEU-GCE-7001	Conduct Amphibious Operations	MEU	New	Yes
MEU-GCE-7002	Conduct Offensive Operations	MEU	New	Yes
0321-AMPH-5001	Conduct Amphibious Reconnaissance	Recon	Working	Yes
0321-C2-5001	Conduct Platoon Reconnaissance Operations Center (ROC) Operations	Recon	Working	Yes
0321-RECN-5001	Conduct Ground Reconnaissance	Recon	Working	Yes
AAV-TAC-5701	Support a Mechanized Attack	AAV	Signed Manual June 2009	Yes
ARTY-FDC-6113	Conduct Indirect Fire Missions	Artillery	Working Copy of Signed 15 Mar 07	Yes
ENGR-CMOB-5701	Create Obstacle Groups	Engineer	Version 2	
ENGR-DEMO-5402	Conduct Demolition Operations	Engineer	Version 2	Yes
ENGR-MOBL-5401	Construct Expedient HLZ	Engineer	Version 2	Yes
ENGR-MOBL-5801	Conduct Obstacle Breaching Operations	Engineer	Version 2	Yes
ENGR-INF-5401	Fight as Provisional Infantry	Engineer	Version 2	
ENGR-RECN-5901	Conduct Cache Sweep Operations	Engineer	Version 2	
ENGR-SURV-5401	Construct Survivability Positions	Engineer	Version 2	Yes
INF-C2-7005	Conduct Planning	Infantry	Working Copy NAVMC 3500.44A (Revision Pending)	
INF-COMM-7201	Employ a Command, Control, Communication, and Computer Suite (C4)	Infantry	Working Copy NAVMC 3500.44A (Revision Pending)	
INF-FSPT-7301	Operate the Fire Support Coordination Center	Infantry	Working Copy NAVMC 3500.44A (Revision Pending)	
INF-FSPT-7302	Conduct Fire Support Coordination	Infantry	Working Copy NAVMC 3500.44A (Revision Pending)	
INF-MAN-7102	Conduct a Ground Attack	Infantry	Working Copy NAVMC 3500.44A (Revision Pending)	Yes
INF-MAN-7103	Conduct a Movement to Contact	Infantry	Working Copy NAVMC 3500.44A (Revision Pending)	
INF-MAN-7150	Occupy an Assembly Area	Infantry	Working Copy NAVMC 3500.44A (Revision Pending)	
INF-MAN-7179	Conduct Amphibious Staff Planning	Infantry	Working Copy NAVMC 3500.44A (Revision Pending)	Yes
INF-MAN-6113	Conduct a Relief in Place (RIP)	Infantry	Working Copy NAVMC 3500.44A (Revision Pending)	
INF-MAN-6114	Conduct a Passage of Lines	Infantry	Working Copy NAVMC 3500.44A (Revision Pending)	
INF-MAN-6154	Conduct a Helicopter-Borne/Tilt- Rotor Operations	Infantry	Working Copy NAVMC 3500.44A (Revision Pending)	Yes
INF-MAN-5107	React to a Meeting Engagement	Infantry	Working Copy NAVMC 3500.44A (Revision Pending)	
INF-WPNS-5309	Employ an Anti-Armor	Infantry	Working Copy NAVMC 3500.44A	

	Section/Platoon in Support of Battalion Operations		(Revision Pending)	
INF-STAB-7601	Conduct Civil Military Operations	Infantry	Working Copy NAVMC 3500.44A (Revision Pending)	
LAR-DEF-5091	Conduct a Screen	LAR	NAVMC 3500.16 Draft Jan 2010	
LAR-MNVR-5001	Conduct Zone Reconnaissance	LAR	NAVMC 3500.16 Draft Jan 2010	Yes
LAR-OFF-5202	Support an Attack	LAR	NAVMC 3500.16 Draft Jan 2010	
TANK-TAC-5808	Conduct an Attack by Fire	Tank	Working Copy of NAVMC DIR 3500.100	
<del>MCT 13</del>	<del>MCT 13.6.4 Conduct Defensive Operations</del>	<del>Manual</del>	<del>Version</del>	<del>E-Coded</del>
MEU-GCE-7001	Conduct Amphibious Operations	MEU	New	Yes
0321-C2-5001	Conduct Platoon Reconnaissance Operations Center (ROC) Operations	Recon	Working	Yes
0321-RECN-5001	Conduct Ground Reconnaissance	Recon	Working	Yes
AAV-TAC-5716	Support Infantry Defensive Operations	AAV	Version 1	Yes
ARTY-FDC-6113	Conduct Indirect Fire Missions	Artillery	Working Copy of Signed 15 Mar 07	Yes
ENGR-CMOB-5701	Create Obstacle Groups	Engineer	Version 2	
ENGR-MOBL-5401	Construct Expedient HLZ	Engineer	Version 2	Yes
ENGR-MOBL-5801	Conduct Obstacle Breaching Operations	Engineer	Version 2	
ENGR-INF-5401	Fight as Provisional Infantry	Engineer	Version 2	
ENGR-RECN-5401	Conduct Engineer Reconnaissance	Engineer	Version 2	Yes
ENGR-SURV-5401	Construct Survivability Positions	Engineer	Version 2	Yes
ENGR-SURV-5403	Construct Field Fortifications	Engineer	Version 2	Yes
INF-C2-7005	Conduct Planning	Infantry	Working Copy NAVMC 3500.44A (Revision Pending)	
INF-FSPT-7301	Operate the Fire Support Coordination Center	Infantry	Working Copy NAVMC 3500.44A (Revision Pending)	
INF-FSPT-7302	Conduct Fire Support Coordination	Infantry	Working Copy NAVMC 3500.44A (Revision Pending)	
INF-MAN-7179	Conduct Amphibious Staff Planning	Infantry	Working Copy NAVMC 3500.44A (Revision Pending)	Yes
INF-MAN-7141	Conduct Security Operations	Infantry	Working Copy NAVMC 3500.44A (Revision Pending)	
INF-MAN-6150	Occupy an Assembly Area	Infantry	Working Copy NAVMC 3500.44A (Revision Pending)	
INF-MAN-5132	Conduct a Defense	Infantry	Working Copy NAVMC 3500.44A (Revision Pending)	
INF-STAB-7601	Conduct Civil Military Operations	Infantry	Working Copy NAVMC 3500.44A (Revision Pending)	
LAR-DEF-5091	Conduct a Screen	LAR	NAVMC 3500.16 Draft Jan 2010	
LAR-DEF-5092	Establish a Platoon Battle Position	LAR	NAVMC 3500.16 Draft Jan 2010	Yes
TANK-TAC-5816	Defend a Battle Position	Tank	Working Copy of NAVMC DIR 3500.100	
<del>MCT 14</del>	<del>MCT 14.6.5.6 Conduct Airfield/Port Seizure Operations</del>	<del>Manual</del>	<del>Version</del>	<del>E-Coded</del>
MEU-GCE-7001	Conduct Amphibious Operations	MEU	New	Yes
MEU-GCE-7002	Conduct Offensive Operations	MEU	New	Yes
MEU-GCE-7003	Conduct Helicopter/Tilt-Rotor Borne Operations	MEU	New	
MEU-GCE-6001	Conduct Waterborne Ship-to-Shore Movement Using Small Boat (31st MEU Only)	MEU	New	
0321-AMPH-5001	Conduct Amphibious Reconnaissance	Recon	Working	Yes
0321-C2-5001	Conduct Platoon Reconnaissance Operations Center (ROC) Operations	Recon	Working	Yes
0321-RECN-5001	Conduct Ground Reconnaissance	Recon	Working	Yes

AAV-AMPH-5602	Support Amphibious Assault	AAV	Signed Manual June 2009	Yes
AAV-TAC-5701	Support a Mechanized Attack	AAV	Signed Manual June 2009	Yes
AAV-TAC-5716	Support Infantry Defensive Operations	AAV	Version 1	Yes
ARTY-FDC-6113	Conduct Indirect Fire Missions	Artillery	Working Copy of Signed 15 Mar 07	Yes
ENGR-CMOB-5701	Create Obstacle Groups	Engineer	Version 2	
ENGR-DEMO-5402	Conduct Demolition Operations	Engineer	Version 2	Yes
ENGR-MOBL-5801	Conduct Obstacle Breaching Operations	Engineer	Version 2	Yes
ENGR-INF-5401	Fight as Provisional Infantry	Engineer	Version 2	
ENGR-RECN-5901	Conduct Cache Sweep Operations	Engineer	Version 2	
INF-C2-7005	Conduct Planning	Infantry	Working Copy NAVMC 3500.44A (Revision Pending)	Yes
INF-COMM-7201	Employ a Command, Control, Communication, and Computer Suite (C4)	Infantry	Working Copy NAVMC 3500.44A (Revision Pending)	
INF-FSPT-7302	Conduct Fire Support Coordination	Infantry	Working Copy NAVMC 3500.44A (Revision Pending)	
INF-MAN-7191	Conduct Amphibious Staff Planning	Infantry	Working Copy NAVMC 3500.44A (Revision Pending)	Yes
INF-MAN-7192	Conduct an Amphibious Assault	Infantry	Working Copy NAVMC 3500.44A (Revision Pending)	Yes
INF-MAN-5132	Conduct a Defense	Infantry	Working Copy NAVMC 3500.44A (Revision Pending)	
LAR-MNVR-6001	Conduct Zone Reconnaissance	LAR	NAVMC 3500.16 Draft Jan 2010	Yes
LAR-DEF-6091	Conduct a Screen	LAR	NAVMC 3500.16 Draft Jan 2010	Yes
TANK-TAC-5808	Conduct an Attack by Fire	Tank	Working Copy of NAVMC DIR 3500.100	
TANK-TAC-5816	Defend a Battle Position	Tank	Working Copy of NAVMC DIR 3500.100	
MET-15	MCT 1-6-6 Conduct Noncombatant Evacuation Operations	Manual	Version	E-Coded
MEU-GCE-6002	Conduct Non-Lethal Weapons Operations	MEU	New	
0321-AMPH-5001	Conduct Amphibious Reconnaissance	Recon	Working	Yes
0321-C2-5001	Conduct Platoon Reconnaissance Operations Center (ROC) Operations	Recon	Working	Yes
0321-RECN-5001	Conduct Ground Reconnaissance	Recon	Working	Yes
AAV-AMPH-5606	Support Non Combatant Evacuation Operations	AAV	Signed Manual June 2009	
ARTY-LNO-6405	Coordinate Fire Support	Artillery	Working Copy of Signed 15 Mar 07	Yes
ARTY-BTRY-6103	Conduct a Tactical March	Artillery	Working Copy of Signed 15 Mar 07	Yes
ENGR-CMOB-5701	Create Obstacle Groups	Engineer	Version 2	
ENGR-INF-5401	Fight as Provisional Infantry	Engineer	Version 2	
ENGR-RECN-5401	Conduct Engineer Reconnaissance	Engineer	Version 2	Yes
ENGR-SURV-5401	Construct Survivability Positions	Engineer	Version 2	Yes
ENGR-SURV-5403	Construct Field Fortifications	Engineer	Version 2	Yes
INF-COIN-7705	Conduct Counterinsurgency Psychological Operations	Infantry	Working Copy NAVMC 3500.44A (Revision Pending)	
INF-COMM-7201	Employ a Command, Control, Communication, and Computer Suite (C4)	Infantry	Working Copy NAVMC 3500.44A (Revision Pending)	
INF-CSS-6403	Conduct Tactical Logistics	Infantry	Working Copy NAVMC 3500.44A (Revision Pending)	
INF-EXPO-6904	Conduct Non-Combatant Evacuation Operations (NEO)	Infantry	Working Copy NAVMC 3500.44A (Revision Pending)	Yes
INF-MAN-7135	Control an Area	Infantry	Working Copy NAVMC 3500.44A (Revision Pending)	
INF-MAN-7184	Conduct a Tactical March/Convoy Operations	Infantry	Working Copy NAVMC 3500.44A (Revision Pending)	

INF-MAN-7179	Conduct Amphibious Staff Planning	Infantry	Working Copy NAVMC 3500.44A (Revision Pending)	Yes
INF-MAN-7196	Conduct Non-Combatant Evacuation Operations (NEO)	Infantry	Working Copy NAVMC 3500.44A (Revision Pending)	
INF-PAT-6141	Conduct Security Operations	Infantry	Working Copy NAVMC 3500.44A (Revision Pending)	
<del>MEU-16</del>	<del>MCT 1-6-6.7 Conduct Humanitarian Assistance</del>	<del>Manual</del>	<del>Version</del>	<del>E-Coded</del>
MEU-GCE-7004	Support Humanitarian Assistance/Disaster Response	MEU	New	Yes
MEU-GCE-6002	Conduct Non-Lethal Weapons Operations	MEU	New	
0321-AMPH-5001	Conduct Amphibious Reconnaissance	Recon	Working	Yes
0321-C2-5001	Conduct Platoon Reconnaissance Operations Center (ROC) Operations	Recon	Working	Yes
0321-RECN-5001	Conduct Ground Reconnaissance	Recon	Working	Yes
AAV-AMPH-5602	Conduct Waterborne Ship-to-Shore Movement	AAV	Version 1	Yes
AAV-TAC-5716	Support Infantry Defensive Operations	AAV	Version 1	Yes
AAV-CSS-5503	Support Casualty Evacuation Operations	AAV	Signed Manual June 2009	
ENGR-MOBL-5401	Construct Expedient HLZ	Engineer	Version 2	Yes
ENGR-INF-5401	Fight as Provisional Infantry	Engineer	Version 2	
ENGR-RECN-5401	Conduct Engineer Reconnaissance	Engineer	Version 2	Yes
ENGR-SURV-5402	Harden Existing Structure	Engineer	Version 2	Yes
INF-C2-7005	Conduct Planning	Infantry	Working Copy NAVMC 3500.44A (Revision Pending)	
INF-COIN-7705	Conduct Counterinsurgency Psychological Operations	Infantry	Working Copy NAVMC 3500.44A (Revision Pending)	
INF-COMM-7201	Employ a Command, Control, Communication, and Computer Suite (C4)	Infantry	Working Copy NAVMC 3500.44A (Revision Pending)	
INF-CSS-6403	Conduct Tactical Logistics	Infantry	Working Copy NAVMC 3500.44A (Revision Pending)	
INF-MAN-7179	Conduct Amphibious Staff Planning	Infantry	Working Copy NAVMC 3500.44A (Revision Pending)	Yes
INF-MAN-7184	Conduct a Tactical March/Convoy Operations	Infantry	Working Copy NAVMC 3500.44A (Revision Pending)	
INF-MAN-5132	Conduct a Defense	Infantry	Working Copy NAVMC 3500.44A (Revision Pending)	
INF-MED-7430	Process Casualties	Infantry	Working Copy NAVMC 3500.44A (Revision Pending)	
INF-PAT-6141	Conduct Security Operations	Infantry	Working Copy NAVMC 3500.44A (Revision Pending)	
INF-STAB-6602	Restore Civil Security	Infantry	Working Copy NAVMC 3500.44A (Revision Pending)	Yes
LAR-DEF-6091	Conduct a Screen	LAR	NAVMC 3500.16 Draft Jan 2010	Yes
<del>MEU-17</del>	<del>MCT 1-6-6.9 Conduct Stability Operations</del>	<del>Manual</del>	<del>Version</del>	<del>E-Coded</del>
MEU-GCE-7004	Conduct Humanitarian Assistance	MEU	New	Yes
MEU-GCE-6002	Conduct Non-Lethal Weapons Operations	MEU	New	
0321-AMPH-5001	Conduct Amphibious Reconnaissance	Recon	Working	Yes
0321-C2-5001	Conduct Platoon Reconnaissance Operations Center (ROC) Operations	Recon	Working	Yes
0321-OFF-5001	Conduct a Raid	Recon	Working	Yes
0321-RECN-5001	Conduct Ground Reconnaissance	Recon	Working	Yes
AAV-TAC-5716	Support Infantry Defensive Operations	AAV	Version 1	Yes
AAV-TAC-5721	Support Infantry Offensive Operations	AAV	Version 1	Yes
ARTY-FDC-6113	Conduct Indirect Fire Missions	Artillery	Working Copy of Signed 15 Mar 07	Yes

ENGR-CMOB-5701	Create Obstacle Groups	Engineer	Version 2	
ENGR-DEMO-5402	Conduct Demolition Operations	Engineer	Version 2	Yes
ENGR-MOBL-5401	Construct Expedient HLZ	Engineer	Version 2	Yes
ENGR-MOBL-5801	Conduct Obstacle Breaching Operations	Engineer	Version 2	Yes
ENGR-INF-5401	Fight as Provisional Infantry	Engineer	Version 2	
ENGR-RECN-5401	Conduct Engineer Reconnaissance	Engineer	Version 2	Yes
ENGR-RECN-5901	Conduct Cache Sweep Operations	Engineer	Version 2	
ENGR-SURV-5401	Construct Survivability Positions	Engineer	Version 2	Yes
ENGR-SURV-5402	Harden Existing Structure	Engineer	Version 2	Yes
ENGR-SURV-5403	Construct Field Fortifications	Engineer	Version 2	Yes
INF-C2-7005	Conduct Planning	Infantry	Working Copy NAVMC 3500.44A (Revision Pending)	
INF-COIN-7703	Build Local Governance	Infantry	Working Copy NAVMC 3500.44A (Revision Pending)	
INF-COIN-7705	Conduct Counterinsurgency Psychological Operations	Infantry	Working Copy NAVMC 3500.44A (Revision Pending)	
INF-COIN-7706	Conduct Attack the Network (AtN) operations	Infantry	Working Copy NAVMC 3500.44A (Revision Pending)	
INF-COMM-7201	Employ a Command, Control, Communication, and Computer Suite (C4)	Infantry	Working Copy NAVMC 3500.44A (Revision Pending)	
INF-FSPT-7302	Conduct Fire Support Coordination	Infantry	Working Copy NAVMC 3500.44A (Revision Pending)	
INF-INT-7002	Conduct Intelligence Support to Operations	Infantry	Working Copy NAVMC 3500.44A (Revision Pending)	
INF-MAN-7179	Conduct Amphibious Staff Planning	Infantry	Working Copy NAVMC 3500.44A (Revision Pending)	Yes
INF-MAN-7102	Conduct a Ground Attack	Infantry	Working Copy NAVMC 3500.44A (Revision Pending)	Yes
INF-CSS-6406	Process Detainees	Infantry	Working Copy NAVMC 3500.44A (Revision Pending)	Yes
INF-MAN-6154	Conduct a Helicopter-Borne/Tilt-Rotor Operations	Infantry	Working Copy NAVMC 3500.44A (Revision Pending)	Yes
INF-MAN-5132	Conduct a Defense	Infantry	Working Copy NAVMC 3500.44A (Revision Pending)	
INF-MAN-6109	Conduct a Raid	Infantry	Working Copy NAVMC 3500.44A (Revision Pending)	Yes
INF-MAN-6710	Conduct a Cordon and Search	Infantry	Working Copy NAVMC 3500.44A (Revision Pending)	Yes
INF-PAT-6141	Conduct Security Operations	Infantry	Working Copy NAVMC 3500.44A (Revision Pending)	
INF-STAB-7601	Conduct Civil Military Operations	Infantry	Working Copy NAVMC 3500.44A (Revision Pending)	
INF-STAB-7603	Support the Establishment of Civil Control	Infantry	Working Copy NAVMC 3500.44A (Revision Pending)	
INF-STAB-7604	Support the Restoration of Essential Services	Infantry	Working Copy NAVMC 3500.44A (Revision Pending)	
INF-STAB-7606	Support Economic Development	Infantry	Working Copy NAVMC 3500.44A (Revision Pending)	
INF-STAB-7611	Hold an Area Cleared of Insurgents	Infantry	Working Copy NAVMC 3500.44A (Revision Pending)	
INF-STAB-6602	Restore Civil Security	Infantry	Working Copy NAVMC 3500.44A (Revision Pending)	Yes
LAR-DEF-6091	Conduct a Screen	LAR	NAVMC 3500.16 Draft Jan 2010	Yes
LAR-DEF-6096	Conduct Area Security	LAR	NAVMC 3500.16 Draft Jan 2010	Yes
TANK-OTH-5703	Support Roadblock/Checkpoint Operations	Tank	Working Copy of NAVMC DIR 3500.100	
MCT 18	MCT 5-5-1 Integrate and Operate with Joint, Interagency, Intergovernmental & Multinational (JIIIM) Organizations	Manual	Version	E-Coded
INF-COIN-7705	Conduct Counterinsurgency	Infantry	Working Copy NAVMC 3500.44A	

	Psychological Operations		(Revision Pending)	
INF-INT-7002	Conduct Intelligence Support to Operations	Infantry	Working Copy NAVMC 3500.44A (Revision Pending)	
<del>MEU-19</del>	<del>MCT 6-2-14 Conduct Tactical Recovery of Aircraft and Personnel</del>	<del>Manual</del>	<del>Version</del>	<del>E-Coded</del>
MEU-GCE-7005	Conduct a Tactical Recovery of Aircraft and Personnel (TRAP)	MEU	New	Yes

Logistics Combat Element (LCE)

<del>MEU-20</del>	<del>MCT 18-6-6-14 Provide Evacuation Control Center</del>	<del>Manual</del>	<del>Version</del>	<del>E-Coded</del>
MEU-LCE-7002	Provide Evacuation Control Center (ECC) Operations	MEU	New	Yes
<del>MEU-16</del>	<del>MCT 18-6-6-17 Conduct Humanitarian Assistance</del>	<del>Manual</del>	<del>Version</del>	<del>E-Coded</del>
MEU-LCE-7001	Provide Combat Service Support	MEU	New	Yes
MEU-LCE-7003	Support Civil-Military Operations	MEU	New	
MEU-LCE-7004	Support Disaster Relief Operations	MEU	New	
MEU-LCE-7005	Support Non-Combatant Evacuation Operations (NEO)	MEU	New	
MEU-LCE-4001	Provide Military Police Support	MEU	New	
C2OP-OPS-7001	Communicate with Commander throughout the orders process	C2	Working Copy	Yes
C2OP-OPS-7003	Employ command and control systems	C2	Working Copy	Yes
C2OP-OPS-7004	Execute command and control of an operations	C2	Working Copy	Yes
C2OP-PLAN-7007	Establish C2 Systems Integration Plan	C2	Working Copy	Yes
ENGR-CMOB-5701	Create Obstacle Groups	Engineer	Version 2	
ENGR-MOBL-5401	Construct Expedient HLZ	Engineer	Version 2	Yes
ENGR-MOBL-5501	Construct Tactical Landing Zones	Engineer	Version 2	
ENGR-MOBL-5709	Construct Combat Roads	Engineer	Version 2	Yes
ENGR-SURV-5401	Construct survivability positions	Engineer	Version 2	Yes
ENGR-SURV-5402	Harden Existing Structure	Engineer	Version 2	Yes
ENGR-SURV-5403	Construct Field Fortifications	Engineer	Version 2	Yes
ENGR-XENG-5401	Provide Engineer Equipment Support	Engineer	Version 2	Yes
ENGR-XENG-5402	Prepare Site For Construction	Engineer	Version 2	
ENGR-XENG-5501	Conduct Horizontal Construction	Engineer	Version 2	Yes
ENGR-XENG-5701	Conduct Vertical Construction	Engineer	Version 2	
FUEL-XENG-5502	Maintain Bulk Fuel Petroleum Distribution Site	Engineer	Version 2	
UTIL-XENG-5401	Provide Utilities Support	Engineer	Version 2	Yes
FMS-HSS-5003	Provide Level I HSS	Health Services	Version 1	Yes
FMS-HSS-4003	Provide Level I HSS	Health Services	Version 1	
FMS-FP-4012	Perform Dental Care	Health Services	Version 1	Yes
FMS-FP-4014	Perform Immunization	Health Services	Version 1	Yes
INF-C2-7XXX	Conduct COC Operations	Infantry	Working Copy NAVMC 3500.44A (Revision Pending)	Yes
LOG-OPS-6004	Conduct Convoy Operations	Logistics	NAVMC 3500.27 (Draft Version 25 Oct 2010)	
LOG-OPS-5004	Conduct Beach Operations	Logistics	NAVMC 3500.27 (Draft Version 25 Oct 2010)	
LOG-OPS-5005	Conduct Landing Force Support Party (LFSP) Operations	Logistics	NAVMC 3500.27 (Draft Version 25 Oct 2010)	
MCMT-MAIN-3002	Maintain Motor Transport Equipment	MT	T&R Manual (Approved 17 Aug 10)	
MCMT-MAIN-3003	Perform Maintenance on Recovered Equipment	MT	T&R Manual (Approved 17 Aug 10)	
MCMT-MAIN-3005	Conduct Recovery Operations	MT	T&R Manual (Approved 17 Aug 10)	

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MCMT-OPER-3004	Conduct Convoy Operations	MT	T&R Manual (Approved 17 Aug 10)	
MCMT-OPER-3006	Conduct Movement Control	MT	T&R Manual (Approved 17 Aug 10)	
MCMT-OPER-3008	Conduct Refueling Operations	MT	T&R Manual (Approved 17 Aug 10)	
ORDM-CSSO-3007	Employ Maintenance Contact Teams	Ground Ordnance	NAVMC 3500.33 - 26 Oct 2007	
ORDM-CSSO-3008	Conduct Recovery of Ordnance Weapons Systems and Equipment	Ground Ordnance	NAVMC 3500.33 - 26 Oct 2007	Yes
SUPP-MISC-7003	Provide Munitions Supply	Supply	NAVMC 3500.64 (4 Aug 2009 Admin Revision)	Yes
SUPP-MISC-7004	Provide Munitions Storage	Supply	NAVMC 3500.64 (4 Aug 2009 Admin Revision)	Yes
SUPP-MISC-7005	Conduct Distribution Operations	Supply	NAVMC 3500.64 (4 Aug 2009 Admin Revision)	Yes
SUPP-FISC-5003	Conduct Unit Fiscal Accounting for Commander	Supply	NAVMC 3500.64 (4 Aug 2009 Admin Revision)	Yes
SUPP-PRAC-5004	Account for Property and Materiel	Supply	NAVMC 3500.64 (4 Aug 2009 Admin Revision)	Yes
<b>MET 21</b>	<b>MCT 4.1.2 Conduct Ground Supply Operations</b>	<b>Manual</b>	<b>Version</b>	<b>E-Coded</b>
MEU-LCE-7001	Provide Combat Service Support	MEU	New	Yes
LOG-SUP-7005	Conduct Supply Operations	Logistics	NAVMC 3500.27 (Draft Version 25 Oct 2010)	Yes
SUPP-CSS-5001	Plan for Combat Supply Support Operations	Supply	NAVMC 3500.64 (4 Aug 2009 Admin Revision)	Yes
SUPP-CSS-5002	Prepare for Deployment	Supply	NAVMC 3500.64 (4 Aug 2009 Admin Revision)	Yes
SUPP-PRAC-5004	Account for Property and Materiel	Supply	NAVMC 3500.64 (4 Aug 2009 Admin Revision)	Yes
<b>MET 22</b>	<b>MCT 4.2.2 Conduct Ground Equipment Maintenance</b>	<b>Manual</b>	<b>Version</b>	<b>E-Coded</b>
MEU-LCE-7001	Provide Combat Service Support	MEU	New	Yes
LOG-MAIN-7004	Conduct Maintenance Operations	Logistics	NAVMC 3500.27 (Draft Version 25 Oct 2010)	
MCMT-MAIN-3002	Maintain Motor Transport Equipment	MT	T&R Manual (Approved 17 Aug 10)	
MCMT-MAIN-3003	Perform Maintenance on Recovered Equipment	MT	T&R Manual (Approved 17 Aug 10)	
MCMT-MAIN-3005	Conduct Recovery Operations	MT	T&R Manual (Approved 17 Aug 10)	
ORDM-CSSO-3008	Conduct Recovery of Ordnance Weapon Systems and Equipment	Ground Ordnance	NAVMC 3500.33 - 26 Oct 2007	Yes
<b>MET 23</b>	<b>MCT 4.3 Conduct Transportation Operations</b>	<b>Manual</b>	<b>Version</b>	<b>E-Coded</b>
MEU-LCE-7001	Provide Combat Service Support	MEU	New	Yes
LOG-TRAN-7007	Conduct Transportation Operations	Logistics	NAVMC 3500.27 (Draft Version 25 Oct 2010)	
LOG-LS-7003	Conduct Landing Support Operations	Logistics	NAVMC 3500.27 (Draft Version 25 Oct 2010)	
LOG-OPS-6004	Conduct Convoy Operations	Logistics	NAVMC 3500.27 (Draft Version 25 Oct 2010)	
LOG-OPS-5004	Conduct Beach Operations	Logistics	NAVMC 3500.27 (Draft Version 25 Oct 2010)	
LOG-OPS-5005	Conduct Landing Force Support Party (LFSP) Operations	Logistics	NAVMC 3500.27 (Draft Version 25 Oct 2010)	
MCMT-OPER-3004	Conduct Convoy Operations	MT	T&R Manual (Approved 17 Aug 10)	
MCMT-OPER-3006	Conduct Movement Control	MT	T&R Manual (Approved 17 Aug 10)	
<b>MET 24</b>	<b>MCT 4.4 Conduct General Engineering Operations</b>	<b>Manual</b>	<b>Version</b>	<b>E-Coded</b>
MEU-LCE-7001	Provide Combat Service Support	MEU	New	Yes



ENGR-CMOB-5701	Create Obstacle Groups	Engineer	Version 2	
ENGR-MOBL-5401	Construct Expedient HLZ	Engineer	Version 2	Yes
ENGR-MOBL-5501	Construct Tactical Landing Zones	Engineer	Version 2	
ENGR-MOBL-5702	Conduct Breach Lane Improvement Operations	Engineer	Version 2	
ENGR-MOBL-5709	Construct Combat Roads	Engineer	Version 2	Yes
ENGR-SURV-5401	Construct survivability positions	Engineer	Version 2	Yes
ENGR-SURV-5402	Harden Existing Structure	Engineer	Version 2	Yes
ENGR-SURV-5403	Construct Field Fortifications	Engineer	Version 2	Yes
ENGR-XENG-5401	Provide Engineer Equipment Support	Engineer	Version 2	Yes
ENGR-XENG-5402	Prepare Site For Construction	Engineer	Version 2	
ENGR-XENG-5501	Conduct Horizontal Construction	Engineer	Version 2	Yes
ENGR-XENG-5701	Conduct Vertical Construction	Engineer	Version 2	
FUEL-XENG-5502	Maintain Bulk Fuel Petroleum Distribution Site	Engineer	Version 2	
UTIL-XENG-5401	Provide Utilities Support	Engineer	Version 2	Yes
LOG-ENG-7001	Conduct General Engineering Operations	Logistics	NAVMC 3500.27 (Draft Version 25 Oct 2010)	
<del>MET 25</del>	<del>MCT 4.5 Provide Health Services</del>	<del>Manual</del>	<del>Version</del>	<del>E-Coded</del>
MEU-LCE-7001	Provide Combat Service Support	MEU	New	Yes
FMS-HSS-7007	Establish a Casualty Treatment Facility	Health Services	Version 1	
FMS-HSS-6003	Deploy Class VIII	Health Services	Version 1	
FMS-HSS-6008	Perform Mass Casualty Care	Health Services	Version 1	
FMS-FP-4012	Perform Dental Care	Health Services	Version 1	Yes
FMS-FP-4014	Perform Immunization	Health Services	Version 1	Yes
LOG-HSS-7002	Conduct Health Services Operations	Logistics	NAVMC 3500.27 (Draft Version 25 Oct 2010)	
<del>MET 26</del>	<del>MCT 4.6 Provide Logistics Combat Element (LCE) Support Services</del>	<del>Manual</del>	<del>Version</del>	<del>E-Coded</del>
MEU-LCE-7001	Provide Combat Service Support	MEU	New	Yes
LOG-SVC-7006	Conduct Services Operations	Logistics	NAVMC 3500.27 (Draft Version 25 Oct 2010)	
LEO-LO-6001	Conduct a Law Enforcement Patrol	Military Police	NAVMC 3500.10A (March 2010)	
LEO-LO-6003	Conduct Limited Detainee/EPW Operations	Military Police	NAVMC 3500.10A (March 2010)	
MPOF-ISO-3014	Establish a Forward EPW Collection Point	Military Police	NAVMC 3500.10 - 24 July 2007	Yes
<del>MET 37</del>	<del>MCT 6.8 Conduct Explosive Ordnance Disposal (EOD) Operations</del>	<del>Manual</del>	<del>Version</del>	<del>E-Coded</del>
EOD-ADMIN-4002	Provide Full Spectrum EOD Direct and General Support	EOD	NAVMC 3500.66A (July 2010)	Yes

Aviation Combat Element (ACE)

<del>MET 27</del>	<del>MCT 1.3.3 Conduct Aviation Operations</del>	<del>Manual</del>	<del>Version</del>	<del>E-Coded</del>
MEU-AOPS-7001	Conduct Airborne Command and Control	MEU	New	Yes
MEU-AOPS-7002	Conduct Expeditionary Sea-Based Operations	MEU	New	Yes
MEU-AOPS-7003	Conduct Expeditionary Shore-Based Operations	MEU	New	Yes
MEU-AOPS-7004	Conduct Forward Arming/Dearming Refueling Point (FARP) Operations	MEU	New	
<del>MET 28</del>	<del>MCT 1.3.4 Conduct Assault Support Operations</del>	<del>Manual</del>	<del>Version</del>	<del>E-Coded</del>
MEU-ASLT-7001	Conduct Tactical Recovery of Aircraft and Personnel (TRAP)	MEU	New	Yes

MEU-ASLT-7002	Conduct Aerial Insertion/Extraction (AIE)/Helicopter Insertion Extraction (HIE)	MEU	New	Yes
MEU-ASLT-7003	Conduct External Loads	MEU	New	Yes
MEU-ASLT-7004	Conduct Aerial Delivery	MEU	New	
MEU-ASLT-7005	Conduct Aerial Evacuation	MEU	New	
MEU-ASLT-7006	Conduct Sniper Operations	MEU	New	
MEU-ASLT-7007	Conduct Aerial Escort (AESC)	MEU	New	
MEU-ASLT-7008	Conduct Battlefield Illumination	MEU	New	
MCT 29	MCT 29 2.5.2 Conduct Air Reconnaissance	Manual	Version	E-Coded
MEU-RECN-7001	Conduct Multisensor Imagery Reconnaissance (MIR)	MEU	New	Yes
MEU-RECN-7002	Conduct Unmanned Aerial System Operations (UAS)	MEU	New	
MCT 30	MCT 30 2.3 Conduct Aviation Delivered Fires	Manual	Version	E-Coded
MEU-OAS-7001	Conduct Close Air Support (CAS)	MEU	New	Yes
MEU-OAS-7002	Conduct Air Interdiction (AI)	MEU	New	
MEU-OAS-7003	Conduct Armed Reconnaissance (AR)	MEU	New	
MEU-OAS-7004	Conduct Forward Air Controller (Airborne) [FAC (A)]	MEU	New	
MEU-OAS-7005	Conduct Strike Coordination and Reconnaissance (SCAR)	MEU	New	
MCT 31	MCT 31 5.3.5 Control Aircraft and Missiles	Manual	Version	E-Coded
MEU-CAM-7001	Conduct Tactical Air Controller (Airborne) [TAC(A)]	MEU	New	
MEU-CAM-7002	Provide Surface-to-Air Weapons Fires	MEU	New	
MCT 32	MCT 32 6.1.1.7 Conduct Anti-Air Warfare (Air Defense)	Manual	Version	E-Coded
MEU-AAW-7001	Conduct Air Combat Maneuvering	MEU	New	Yes
MEU-AAW-7002	Conduct Defensive Air Combat Maneuvering	MEU	New	
MEU-CAM-7002	Provide Surface-to-Air Weapons Fires	MEU	New	

MEU T&R MANUAL

CHAPTER 3

3000-LEVEL COLLECTIVE EVENTS

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MEU T&R MANUAL

CHAPTER 3

3000-LEVEL COLLECTIVE EVENTS

**3000. PURPOSE.** This chapter includes all collective events. A collective event is an event that an established unit would perform in combat. A number of these events are linked to a Service-Level Mission Essential Task (MET). This linkage tailor's collective and individual training for the selected MET. Each collective event is composed of component events that provide the major actions required. This may be likely actions, list of functions, or procedures. Accomplishment and proficiency level required of component events are determined by the event standard.

**3001. EVENT CODING.** Collective events are depicted using an up to 12-digit alphanumeric system (i.e. MEU-VBSS-5002) divided into three fields of up to 4 digits. This chapter utilizes the following methodology:

- a. Field One - Each event in this chapter begins with the Community/MOS in which the skill is intended to be performed.
- b. Field Two - This field abbreviates the functional area.
- c. Field Three - This field provides the level (i.e. 3000, 4000, 5000, 6000, 7000 or 8000): The last three digits of this field is the sequence.

**3002. ADMINISTRATIVE NOTES**

1. As applicable, events contain a paragraph that describes internal and external Support Requirements the unit and Marines will need to complete the event. Ranges/Training Areas are described in this section using plain-language description. They are also described using the Range/Facility Codes that identify the type of range and/or training area needed to accomplish the Event. Marines can use the codes to find information about available ranges at their geographic location by using the web-based Range/Training Area Management System (see TECOM website). The intent of the Range/Training Area Code (RTAC) is to facilitate range utilization by identifying those events that can be accomplished at each range. Additionally, usage of the RTAC supports readiness reporting by identifying events that cannot be accomplished at certain locations due to a lack of suitable ranges.

2. Every effort is being made to make the T&R Manual system generic. To that end, the term "Service Rifle/Carbine" refers to the current version of Service Rifle fielded in the operating forces and formal schools.

**3003. INDEX OF COLLECTIVE EVENTS**

EVENT NUMBER	EVENT TITLE	PAGE
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ORDM-CSSO-3007	Employ maintenance contact teams	3-13
ORDM-CSSO-3008	Conduct recovery of ordnance weapons systems and equipment	3-14
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**3004. 3000-LEVEL EVENTS**

**CMO-PLEX-3801:** Support in the execution of Populace and Resources Control (PRC) Operations

**SUPPORTED MET(S):** 1, 2, 3

**EVALUATION-CODED:** YES

**SUSTAINMENT INTERVAL:** 12 months

**DESCRIPTION:** PRC assists Host Nation (HN) governments or de facto authorities in retaining control over their population centers, thus precluding complicating problems that may hinder mission accomplishment. The PRC measures seek to identify, reduce, relocate, or access population resources that may impede or otherwise threaten success. Populace control provides for security of the populace, mobilization of human resources, denial of personnel availability to the enemy, and detection and reduced effectiveness of enemy agents. Resources control regulates the movement or consumption of materiel resources, mobilizes materiel resources, and denies materiel to the enemy.

**CONDITION:** Given a mission, and commander's intent.

**STANDARD:** In order to minimize civilian interference with military operations and to ensure the commander meets the moral and legal obligations to the civilian populace.

**EVENT COMPONENTS:**

1. Participate in the execution of selected PRC operations and activities, (as needed or directed).
2. Assist in the arbitration of problems arising from the implementation of PRC measures.

3. Identify existing PRC measures. (e.g. medical, transportation, etc)
  4. Evaluate effectiveness of existing PRC measures, as required.
  5. Advise Commander on PRC measures.
  6. Provide recommendations on how to implement PRC measures.
  7. Coordinate with Joint Interagency, Intergovernmental, and Multinational (JIIM) agencies.
  8. Develop PRC measures for dissemination to the Indigenous Population and Institutions (IPI).
  9. Develop measures of effectiveness.
- 

**CMO-PLEX-3802:** Support in the execution of Foreign Humanitarian Assistance (FHA)

**SUPPORTED MET(S):** 1, 2, 4

**EVALUATION-CODED:** YES

**SUSTAINMENT INTERVAL:** 12 months

**DESCRIPTION:** FHA consists of DOD activities, normally in support of the United States Agency for International Development (USAID) or Department of State (DOS), conducted outside the United States, its territories, and possessions to relieve or reduce human suffering, disease, hunger, or privation.

**CONDITION:** Given a mission, commander's intent and problem framing analysis.

**STANDARD:** To relieve or reduce the results of natural or manmade disasters or endemic conditions that might present a serious threat to life or that can result in great damage to or loss of property.

**EVENT COMPONENTS:**

1. Conduct civil reconnaissance to determine scope of problem.
  2. Coordinate with joint, interagency, intergovernmental, and multinational organizations.
  3. Identify available assets.
  4. Identify available resources.
  5. Recommend COAs.
  6. Identify MOEs.
  7. Support FHA operations.
  8. Assess MOEs.
  9. Transition to follow-on organizations.
- 

**CMO-PLEX-3803:** Conduct Nation Assistance (NA)

**SUPPORTED MET(S):** 1, 2, 5

**EVALUATION-CODED:** YES

**SUSTAINMENT INTERVAL:** 12 months

**DESCRIPTION:** Nation assistance is civil or military assistance (other than FHA) rendered to a nation by US forces within that nation's territory during peacetime, crises or emergencies, or war, based on agreements mutually

concluded between the US and that nation. Nation assistance programs often include, but are not limited to, security assistance, foreign internal defense, and humanitarian and civic assistance (HCA). NA performed by MAGTF forces takes the form of US military to foreign military training and HCA events, such as medical, dental, or engineering-related projects in conjunction with military operations and exercises.

**CONDITION:** Given mission, commander's intent and problem framing analysis.

**STANDARD:** To meet the mission requirements, commanders intent and to support the building of partnership capacity.

**EVENT COMPONENTS:**

1. Ensure mission complies with NA regulations, laws and directives.
  2. Conduct civil reconnaissance to determine scope of problem. (as required)
  3. Coordinate with joint, interagency, intergovernmental, and multinational organizations.
  4. Identify existing local capacity.
  5. Identify existing local standards.
  6. Identify available assets and resources.
  7. Recommend COA refinements. (As required)
  8. Support NA operations.
  9. Provide civil information. (As required)
  10. Transition to follow-on organizations.
- 

**CMO-PLEX-3804:** Conduct Civil Information Management

**SUPPORTED MET(S):** 1, 2, 6

**EVALUATION-CODED:** YES

**SUSTAINMENT INTERVAL:** 6 months

**DESCRIPTION:** Civil Information Management (CIM) at its essence is a discipline of information management comprised of people, process and technology. Civil information managers and other MAGTF planners leverage the process of Planning, Collection, Consolidation, Assessment, Production, and sharing of civil information with technology to support the visualization and understanding of the civil environment to the commander's decision making process. Coordination ensures the timely availability of relevant, actionable civil information for analysis and the widest possible dissemination of raw and analyzed civil information to the MAGTF and all stakeholders throughout the AO.

**CONDITION:** Given mission, commander's intent and problem framing analysis.

**STANDARD:** Ensuring the timely availability of civil information for analysis and the widest possible dissemination of raw and analyzed civil information to the MAGTF and all stakeholders throughout the AO.

**EVENT COMPONENTS:**

1. Identify information requirements.
2. Establish Collection plan.
3. Conduct civil reconnaissance (CR) utilizing all available sources.

4. Consolidate all civil information.
  5. Develop the civil components of the common operational picture (COP).
  6. Analyze civil information.
  7. Disseminate civil information.
- 

**CMO-PLEX-3806:** Support civil support operations

**SUPPORTED MET(S):** 1, 2

**EVALUATION-CODED:** NO

**SUSTAINMENT INTERVAL:** 12 months

**DESCRIPTION:** When directed, civil support encompasses domestic short-range programs alleviating human suffering. Civil support is usually conducted in response to natural or man-made disasters, or civil disorder which may take the form of disaster relief or dislocated civilian assistance. Civil support is designed to supplement or complement the efforts of local authorities or agencies, which have primary responsibility for providing relief.

**CONDITION:** Given mission, commander's intent and Problem framing analysis.

**STANDARD:** To relieve or reduce the results of natural or manmade disasters or endemic conditions that might present a serious threat to life or that can result in great damage to or loss of property.

**EVENT COMPONENTS:**

1. Conduct civil reconnaissance to determine scope of problem.
  2. Coordinate with joint, federal, state, and local agencies.
  3. Identify available assets and resources.
  4. Recommend COAs.
  5. Identify MOEs.
  6. Support civil support operations.
  7. Assess MOEs.
  8. Transition to follow-on organizations.
- 

**CMO-PLEX-3809:** Operate a Civil Military Operations Center (CMOC)

**SUPPORTED MET(S):** 1, 2, 3, 4, 5, 6, 7

**EVALUATION-CODED:** YES

**SUSTAINMENT INTERVAL:** 12 months

**DESCRIPTION:** The MAGTF may establish a task-organized CMOC to assist in the coordination of activities of engaged military forces with other USG agencies, NGOs, IGOs, local governmental leaders, and civilian populations.

**CONDITION:** Given a mission, commanders intent, MCWP 3-33.1\_, MCRP 3-33.1\_, SOPs, interpreters (as needed), and security support.

**STANDARD:** To meet commanders intent and to ensure that coordination with the Country Team, IGOs, NGOs, and IPIs, host nation's governmental and public organizations is initiated, recorded, and disseminated.



**EVENT COMPONENTS:**

1. Provide agency point of contact, agency capability list, information summaries, population density, demographic, and DC overlays, which might be posted on a public information board.
  2. Establish CMOC.
  3. Provide USG interagency partners, IGOs, and NGOs with a single, accessible POC for CMO.
  4. Facilitate collaborative civil-military efforts with joint and coalition forces, UN, HN, and other nonmilitary agencies.
  5. Support in the transfer of authority and/or transition of operations from the MAGTF to DOS, UN, NATO, HN, or other nonmilitary agency control.
  6. Coordinate all civilian support requests, from the MAGTF and other US military forces.
- 

**CMO-PLEX-3810:** Conduct Humanitarian and Civic Assistance Operations (HCA)

**SUPPORTED MET(S):** 1, 2

**EVALUATION-CODED:** YES

**SUSTAINMENT INTERVAL:** 12 months

**DESCRIPTION:** United States Code, Title 10, permits US military forces to carry out HCA projects and activities in conjunction with military operations overseas. DODI 2205.2, Humanitarian and Civic Assistance (HCA) Activities, establishes policy and assigns responsibilities of DOD components. Military deployments for exercises and training are an integral part of maintaining a forward US military presence, ensuring operational readiness to respond to crises, and preparing US RCs for wartime missions. HCA programs may include: 1. Medical, dental, and veterinary care provided in rural or underserved areas of a country. 2. Construction of rudimentary surface transportation system. 3. Well drilling and construction of basic sanitation facilities. 4. Rudimentary construction and repair of public facilities.

**CONDITION:** Given mission, commander's intent and problem framing analysis.

**STANDARD:** In order to promote the security interests of both the United States and foreign country, operational readiness skills of the US forces, which complements, but does not duplicate, any other US assistance and serves the basic economic and social needs of the host nation's populace.

**EVENT COMPONENTS:**

1. Ensure mission complies with HCA regulations, laws and directives.
  2. Conduct civil reconnaissance to determine scope of problem.
  3. Coordinate with joint, interagency, intergovernmental, and multinational organizations.
  4. Identify existing local standards.
  5. Recommend COA refinements. (As required)
  6. Identify assets and resources available.
  7. Support FHA operations.
  8. Provide civil information. (As required)
  9. Transition to follow-on organizations.
-

CMO-PLEX-3811: Transition of CMO to follow on authority

SUPPORTED MET(S): 1, 2, 3, 4, 5, 6, 7

EVALUATION-CODED: YES SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: Transition operations involve termination of activity or task, and transfer of activity or task to the appropriate authority.

CONDITION: Given mission, commander's intent with a defined end state for current operations.

STANDARD: In order to identify when an incoming organization will assume control of each specific task or activity and to successfully redeploy for follow on missions.

EVENT COMPONENTS:

1. Create milestones or criteria.
2. Ensure incoming organization has been validated by higher headquarters.
3. Orient the incoming organization.
4. Transfer authority.

---

INF-MAN-3102: Breach an obstacle (D)

SUPPORTED MET(S): 1

EVALUATION-CODED: NO SUSTAINMENT INTERVAL: 6 months

CONDITION: Given a breaching element operating as part of a larger force and equipped with the proper tools and demolition to conduct a breach.

STANDARD: To support the scheme of maneuver.

EVENT COMPONENTS:

1. Conduct a ballistic breach.
2. Conduct a mechanical breach.
3. Conduct an explosive breach.

RELATED EVENTS:

0351-DEMO-2212      0351-DEMO-2203      INF-MAN-4102  
0351-DEMO-1211      0351-DEMO-1212

REFERENCES:

1. FM 5-250 Explosives and Demolitions
2. MCWP 3-11.2 Marine Rifle Squad
3. MCWP 3-17.3 MAGTF Breaching Operations
4. MCWP 3-35.3 Military Operations on Urbanized Terrain (MOUT)
5. TM 9-1375-213-12 Demolition Materials

SUPPORT REQUIREMENTS:

**RANGE/TRAINING AREA:**

Facility Code 17410 Maneuver/Training Area, Light Forces  
Facility Code 17830 Light Demolition Range

**EQUIPMENT:** Mechanical breaching kit (grappling hook, sledge hammer, halligan tool, etc.).

**OTHER SUPPORT REQUIREMENTS:** 1. Appropriate demolition range (if ammunition is used). 2. Live fire and maneuver range.

---

**MCMT-MAIN-3002:** Maintain motor transport equipment

**SUPPORTED MET(S):** 1, 3

**EVALUATION-CODED:** NO

**SUSTAINMENT INTERVAL:** 12 months

**CONDITION:** Provided with motor transport equipment and resources.

**STANDARD:** To an operational readiness status.

**EVENT COMPONENTS:**

1. Conduct crew/ operator maintenance.
2. Provide maintenance support teams.
3. Provide maintenance contact teams.
4. Establish external maintenance related programs.

**REFERENCES:**

1. AETM Applicable Equipment Technical Manuals
2. AIETM Applicable Interactive Electronic Technical Manual
3. ALO/I Applicable Lubrication Order/Instruction
4. ASL-3 Applicable Stock Listing -3
5. ATI Applicable Technical Instruction
6. MCO 5311.1\_ Total Force Structure Process (TFSP)
7. MCO P11262.2 Inspection, Testing, and Certification of Tactical Ground Load Lifting Equipment
8. MCO P4790.1 MIMMS Introduction Manual
9. MCO P4790.2\_ MIMMS Field Procedures Manual
10. MCWP 4-11.4 Maintenance Operations
11. TM 11240-OD\_ Principal Technical Characteristics of U.S. Marine Corps Motor Transport Equipment

**SUPPORT REQUIREMENTS:**

**OTHER SUPPORT REQUIREMENTS:** Contract Logistics Support

---

**MCMT-MAIN-3003:** Perform maintenance on recovered equipment

**SUPPORTED MET(S):** 1

**EVALUATION-CODED:** NO

**SUSTAINMENT INTERVAL:** 12 months

**CONDITION:** Given appropriate equipment and the basic issue items.

**STANDARD:** To restore equipment to mission capable status without injury to personnel or further damage to equipment.

**EVENT COMPONENTS:**

1. Change Logistics Vehicle System wheel and tire assembly.
2. Perform PMCS on tactical wrecker, auxiliary tools and equipment.
3. Perform field expedient repairs.
4. Cut metal with oxygen acetylene torch.

**CHAINED EVENTS:**

3510-MAIN-2302	3531-OPER-2211	3534-OPER-2003
3536-OPER-2001	3536-OPER-2002	3537-MAIN-2201

**REFERENCES:**

1. AETM Applicable Equipment Technical Manuals
2. AIETM Applicable Interactive Electronic Technical Manual
3. ALO/I Applicable Lubrication Order/Instruction
4. MCO P11262.2 Inspection, Testing, and Certification of Tactical Ground Load Lifting Equipment
5. MCO P4790.2\_MIMMS Field Procedures Manual
6. MCRP 4-11.4 Recovery and Battlefield Damage Assessment and Repair
7. MCWP 4-11.4 Maintenance Operations

---

**MCMT-OPER-3004:** Conduct convoy operations

**SUPPORTED MET(S):** 3

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

**CONDITION:** Given vehicles, personnel, required tools and equipment.

**STANDARD:** Arrive at a determined location with all required equipment and personnel.

**EVENT COMPONENTS:**

1. Conduct a debrief.
2. Prepare a convoy commander's after action report.
3. Analyze the operation order.
4. Draft a movement order.
5. Identify classifications for routes.
6. Conduct a convoy commander's brief.
7. Identify defense requirements of a tactical convoy.
8. Identify convoy communication requirements.
9. Perform land navigation.
10. Organize the convoy in march order.

**CHAINED EVENTS:**

3510-OPER-2401	3531-OPER-2205	3531-OPER-2210
3531-OPER-2213	3531-OPER-2214	3531-OPER-2215
3533-OPER-2001	3533-OPER-2003	3533-OPER-2002

3537-OPER-2302      3537-OPER-2306      3537-OPER-2308  
3537-OPER-2312

**REFERENCES:**

1. FM 55-30 Army Motor Transport Units and Operations
  2. MCRP 3-40-3A Multi-Service Communications Procedures and Tactical Radio Procedures in Joint environment
  3. MCRP 4-11.3F Convoy Operations Handbook
  4. MCRP 4-11.3H Multi-service Tactics, Techniques, and Procedures for Tactical Convoy Operations
  5. MCRP 4-11.4 Recovery and Battlefield Damage Assessment and Repair
  6. MCWP 3-17.1 River-Crossing Operations
  7. MCWP 4-1 Logistics Operations
  8. MCWP 4-11 Tactical-Level Logistics
  9. MCWP 4-11.3 Transportation Operations
  10. MCWP 5-1 Marine Corps Planning Process (MCPP)
  11. MSTP PAM 4-0.1 Movement Control
  12. NAVSEA SWO20-AC-SAF-010 Transportation and Storage Data for Ammunition, Explosives and Related Hazardous Materials
  13. NAVSEA SWO20-AF-ABK-010 Motor Vehicle Driver and Shipping Inspector's Manual for Ammunition, Explosives and Related Hazardous Materials
  14. NAVSEA SWO20-AF-HBK-010 Motor Vehicle Driver and Shipping Inspector's Manual for Ammunition, Explosives, and Related Hazardous Materials
  15. NAVSEA SWO20-AG-SAF-010 Navy Transportation Safety Handbook for Ammunition, Explosives and related Hazardous Materials
- 

**MCMT-OPER-3005:** Conduct recovery operations

**SUPPORTED MET(S):** 3

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

**CONDITION:** Given appropriate equipment and the basic issue items.

**STANDARD:** By moving the disabled vehicle to a designated location without injury to personnel or further damage to equipment.

**EVENT COMPONENTS:**

1. Operate tactical wrecker off road.
2. Operate tactical wrecker on road.
3. Complete crane inspection checklist.
4. Operate tactical wrecker in unusual conditions.
5. Recover vehicle by lift tow.
6. Recover vehicle by flat tow.
7. Recover vehicle with winches.
8. Operate auxiliary tools on tactical wrecker.
9. Perform coupling procedures.
10. Inventory/PMCS basic issue items.
11. Recover vehicle by using block and tackle.

**CHAINED EVENTS:**

3510-OPER-2404      3510-OPER-2405      3510-OPER-2406

3536-OPER-2001	3536-OPER-2002	3536-OPER-2003
3536-OPER-2004	3536-OPER-2005	3536-OPER-2006
3536-OPER-2007	3537-OPER-2309	3537-OPER-2311

**REFERENCES:**

1. AETM Applicable Equipment Technical Manuals
2. AIETM Applicable Interactive Electronic Technical Manual
3. FM 5-125 Rigging Techniques, Procedures and Applications
4. MCRP 4-11.3F Convoy Operations Handbook
5. MCRP 4-11.3H Multi-service Tactics, Techniques, and Procedures for Tactical Convoy Operations
6. MCRP 4-11.4 Recovery and Battlefield Damage Assessment and Repair

---

**MCMT-OPER-3006:** Conduct movement control

**SUPPORTED MET(S):** 3

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

**CONDITION:** Given a requirement, personnel and equipment for vehicle movements, automated informational system.

**STANDARD:** To safely meet operational requirements with no injury to personnel or damage to equipment.

**EVENT COMPONENTS:**

1. Process scheduling requirements
2. Determine movement control factors
3. Establish movement control planning process
4. Process routing requirements

**CHAINED EVENTS:**

3510-OPER-2402	3510-OPER-2406	3510-OPER-2408
3531-OPER-2208	3537-OPER-2304	3537-OPER-2305
3537-OPER-2307		

**REFERENCES:**

1. FM 21-305 Manual for Wheeled Vehicle Driver
2. MCRP 4-11.3F Convoy Operations Handbook
3. MCWP 4-11.3 Transportation Operations
4. MSTP PAM 4-0.1 Movement Control

---

**MCMT-OPER-3008:** Conduct refueling operations

**SUPPORTED MET(S):** 1

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

**CONDITION:** Provided with the requirement, equipment and personnel.

**STANDARD:** To safely meet operational requirements with no injury to personnel or damage to equipment.

**EVENT COMPONENTS:**

1. Re-circulate semi-trailer refueler.
2. Obtain fuel sample for testing.
3. Refuel ground equipment.
4. Troubleshoot semi-trailer refueler.
5. Perform emergency shutdown procedures.
6. Maintain fuel logbook.
7. Refuel aircraft.
8. Operate semi-trailer refueler on road.
9. Operate semi-trailer refueler off road.
10. Operate semi-trailer refueler under unusual conditions.
11. Operate semi-trailer refueler in administrative conditions.
12. Operate semi-trailer refueler under limited vision conditions.
13. Conduct de-fueling operations.
14. Perform semi-trailer coupling procedures.
15. Transport hazardous cargo.

**REFERENCES:**

1. FM 21-305 Manual for Wheeled Vehicle Driver
2. FM 55-30 Army Motor Transport Units and Operations
3. MCO P5100.8 Marine Corps Occupational Safety and Health Program Manual (Obsolete - replaced by NAVMC DIR 5100.8)
4. NAVAIR 00-80T-109 Aircraft Refueling NATOPS Manual
5. NAVSEA OP 5 VOL 1 Ammunition & Explosives Ashore Safety Regulation (ESQD Information)
6. NAVSEA OP 5 VOL 2 Ammunition & Explosives Ashore Safety Regulation
7. TM 5-2330-356-14&P Semi-Trailer Tank, 5000
8. TM 9-2320-272-10 Operator Manual for M939 Series Vehicle

---

**MPOF-ISO-3014:** Establish a forward EPW collection point

**SUPPORTED MET(S):** 4

**EVALUATION-CODED:** YES

**SUSTAINMENT INTERVAL:** 12 months

**DESCRIPTION:** This event determines the participant's ability to properly establish a forward enemy collection point. A forward collection point must be mobile and modular and able to set up, expand, and move quickly with little or no notice. Forward collection point's areas are for receiving detainees directly from the capturing unit.

**CONDITION:** In a combat environment, without the aid of references, given, an appropriate operations order, detainees to process, a requirement to establish a forward EPW collection point, SL-3 complete HMMWV with communication and medium to heavy machinegun, a map and compass, with a combat load.

**STANDARD:** Establish security, process and secure the captives, and prepare them for evacuation to a central collecting point or holding area. Receive

detainees as far forward as possible to prevent maneuvering units of being burdened providing security on the detainees. Field process detainees using the five S's and T method. Search, Silence, Segregate, Speed, Safeguard and Tag in accordance with the reference.

**PREREQUISITE EVENTS:**

5811-ISO-1045 MPOF-ISO-3012 5811-ISO-2019  
5811-ISO-2018 MPOF-ISO-3013

**REFERENCES:**

1. DODD 2310.1 DOD Enemy POW Detainee Program
2. FM 3-19.40 Internment/Resettlement Operations
3. MCRP 4-11.8C Enemy Prisoners of War and Civilian Internees
4. MCRP 4-27 EPW Operations

**SUPPORT REQUIREMENTS:**

**RANGE/TRAINING AREA:**

Facility Code 17962 MOUT Collective Training Facility (Small)  
Facility Code 17961 Combat In Cities Facility  
Facility Code 17963 MOUT Collective Training Facility (Large)  
Facility Code 17904 Prisoner Of War Training Area

**EQUIPMENT:** with a combat load.

**UNITS/PERSONNEL:** Role player(s)

---

**ORDM-CSSO-3007:** Employ maintenance contact teams

**SUPPORTED MET(S):** 1

**EVALUATION-CODED:** NO

**SUSTAINMENT INTERVAL:** 12 months

**DESCRIPTION:** Employ task organized contact to conduct on site repairs.

**CONDITION:** Provided necessary maintenance resources (equipment and personnel) and forward located ordnance equipment.

**STANDARD:** Repair forward located ordnance equipment to a satisfactory operating level.

**EVENT COMPONENTS:**

1. Identify required resources.
2. Make liaison with supported unit, HHQ Intel, and Operations sections.
3. Assess situation.
4. Form contact teams based on mission.
5. Establish and maintain communications.
6. Submit AAR.
7. Plan route (to and from).
8. Request external support requirements.
9. Conduct movement to and from site.
10. Maintain security and control during all movements.



11. Perform required maintenance actions or recovery.

---

ORDM-CSSO-3008: Conduct recovery of ordnance weapons systems and equipment

SUPPORTED MET(S): 1

EVALUATION-CODED: YES

SUSTAINMENT INTERVAL: 6 months

DESCRIPTION: Conduct battle damage assessment and repair or recovery of weapon systems and equipment.

CONDITION: Provided required recovery assets and a variety of forward located ordnance equipment.

STANDARD: Ensure that ordnance weapons systems and equipment are recovered, in order to enable the repair and return of serviceable ordnance assets to forward elements.

EVENT COMPONENTS:

1. Identify required equipment and personnel.
  2. Operate recovery equipment.
  3. Establish collection points.
  4. Provide necessary documentation to equipment owner.
  5. Assess the situation.
  6. Conduct route reconnaissance.
  7. Establish communications with supported units.
  8. Establish communications with recovery teams.
  9. Conduct battle damage assessment.
  10. Conduct repair.
- 

SCPF-INTL-3701: Conduct Sensitive Site Exploitation (SSE)

SUPPORTED MET(S): None

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 18 months

DESCRIPTION: Will be conducted if required by mission analysis. This event is intended to provide basic SSE capability.

CONDITION: Given a sensitive site.

STANDARD: To gather sensitive information to support mission accomplishment and commander's intent.

EVENT COMPONENTS:

1. Assemble a Site Exploitation (SE) Kit
2. Determine sensitivity of site contents.
3. Conduct systematic search.
4. Document findings.
5. Use Tactical Questioning (TQ) to complete details for evidence

NAVMC 3500.99  
13 Nov 2012

collection.

6. Transport items and report debrief to higher IAW current local requirements.

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CHAPTER 4

4000-LEVEL COLLECTIVE EVENTS

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CHAPTER 4

4000-LEVEL COLLECTIVE EVENTS

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LOG-EXCU-4302	Conduct Amphibious Embarkation	4-5
MEU-LCE-4001	Provide military police support	4-6

4001. 4000-LEVEL EVENTS

**EOD-ADMN-4002:** Provide full spectrum EOD direct and general support

**SUPPORTED MET(S):** None

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

**DESCRIPTION:** An EOD Section supports a Battalion size element, Marine Expeditionary (MEU), Marine Aircraft Group (MAG), Forward Operating Base (FOB), multiple Forward Arming and Refueling Points (FARP), and/or Marine Corps Base or Station.

**CONDITION:** Given a mission.

**STANDARD:** Ensuring 24 hour support is maintained.

**EVENT COMPONENTS:**

1. Analyze mission.
2. Review Ordnance Order of Battle.
3. Task organize EOD personnel and equipment.

**CHAINED EVENTS:**

EOD-INTL-3401                      EOD-INTL-4201                      EOD-NEUT-3501  
EOD-NEUT-3502

**REFERENCES:**

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

FMS-FP-4012: Perform dental care

SUPPORTED MET(S): 2

EVALUATION-CODED: YES

SUSTAINMENT INTERVAL: 1 month

DESCRIPTION: The Aid Station will perform routine, emergency dental care and airway management.

CONDITION: Given a mission, on-hand dental personnel, dental equipment and supplies.

STANDARD: Emergency dental care and airway management provided to casualties and dental readiness of 95% or greater of personnel maintained.

EVENT COMPONENTS:

1. Assist in triage.
2. Provide emergency airway management.
3. Identify casualties that require airway management.
4. Identify personnel requiring routine dental care.
5. Provide emergency dental care.
6. Report dental readiness.

REFERENCES:

1. BUMEDINST 6600 Dental Health Care
2. MCO 6600.3 Dental Health Care Program
3. NAVMED P-117 Manual of the Medical Department

SUPPORT REQUIREMENTS:

EQUIPMENT: ADALs

---

FMS-FP-4014: Perform immunization

SUPPORTED MET(S): 2

EVALUATION-CODED: YES

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: Aid station performs required immunizations.

CONDITION: Annually or for a given mission, immunization records and available personnel.

STANDARD: Identified personnel will receive required immunizations.

EVENT COMPONENTS:

1. Provide emergency equipment and medications.
2. Acquire immunizations.
3. Train personnel in use of reporting programs.
4. Perform immunizations and document in record and reporting program.
5. Provide reports as required.
6. Perform a comprehensive record review.

7. Ensure personnel have appropriate training to provide immunizations (Smallpox, etc.).

**RELATED EVENTS:** FMSO-PLAN-1601 FMSO-FP-1605

**REFERENCES:**

1. BUMEDINST 6230.15 Immunizations and Chemoprophylaxis
2. MCDP-5 Planning
3. MCWP 4-11.1 Health Service Support Operations

**SUPPORT REQUIREMENTS:**

**ROOMS/BUILDINGS:** Space for immunizations.

**EQUIPMENT:** Hypodermic syringes and needles. Training aids. Emergency medications and equipment.

**MATERIAL:** Immunizations.

---

**FMS-HSS-4003:** Provide Level I HSS

**SUPPORTED MET(S):** 2

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

**DESCRIPTION:** The Aid Station will perform routine and emergency medical/dental care during an operation.

**CONDITION:** Given a mission, available personnel and supplies.

**STANDARD:** Ensure injuries are assessed and identified. Appropriate level I care is performed, decreasing the risk of further injury or death.

**EVENT COMPONENTS:**

1. Perform sick call and basic first aid.
2. Perform emergency dental care.
3. Perform emergency life saving procedures.

**RELATED EVENTS:**

FMST-HSS-1416	FMST-HSS-2405	FMST-HSS-1414
FMST-HSS-1413	FMST-HSS-1412	FMST-HSS-1411
FMST-HSS-1410	FMST-HSS-1409	FMST-HSS-1408
FMST-HSS-1407	FMST-HSS-1406	FMST-HSS-1405
FMST-HSS-1404	FMST-HSS-1401	FMSO-HSS-2809
FMST-HSS-1403	FMST-HSS-1402	FMSO-HSS-2808
FMSO-HSS-2807	FMSO-HSS-2806	FMSO-HSS-2805
FMSO-HSS-2804	FMSO-HSS-2803	FMSO-HSS-2802
FMSO-HSS-2801	FMSO-HSS-1410	FMSO-HSS-1409
FMSO-HSS-1408	FMSO-HSS-1407	FMSO-HSS-1406
FMSO-HSS-1405	FMSO-HSS-1404	FMSO-HSS-1403
FMSO-HSS-1402	FMSO-HSS-1401	FMST-HSS-1422
FMST-HSS-1421	FMST-HSS-1420	FMST-HSS-1419

FMST-HSS-1418      FMST-HSS-1415

**REFERENCES:**

1. MCWP 4-11.1 Health Service Support Operations

**SUPPORT REQUIREMENTS:**

**RANGE/TRAINING AREA:** Facility Code 17413 Field Training Area

**EQUIPMENT:** AMAL/ADALS

---

**INF-INT-4711:** Conduct Tactical Site Exploitation (TSE) (D)

**SUPPORTED MET(S):** 1, 2, 3, 4, 6

**EVALUATION-CODED:** NO

**SUSTAINMENT INTERVAL:** 6 months

**CONDITION:** While operating as a squad or serving as the search element participating in larger operations.

**STANDARD:** To obtain sensitive intelligence information to support mission accomplishment and commander's intent.

**EVENT COMPONENTS:**

1. Conduct systemic search of an area, building, room, or vehicle.
2. Use PSD; Photographs, Statements, Diagrams to document all "finds" where and how items are found.
3. Collect all "finds" using best practices to minimize damage to evidentiary/intelligence value.
4. Consolidate all items after documenting where/how found.
5. Use Tactical Questioning (TQ) to complete details for evidence collection.
6. Ensure Site Exploitation (SE) minimizes damage for maximum intelligence and evidence value and method is appropriate to gain/maintain support and cooperation of occupants and other local civilians.
7. Effectively use SE kit as available (gloves, paper and plastic bags, tags, explosive residue kit, finger-print kit, biometric systems, etc.).
8. Ensure SE is prioritized and efficient to minimize time in the objective as appropriate.
9. Transport items and report debrief to higher IAW current local requirements (timelines, detainee paperwork, evidentiary rules) and to maximize intelligence/evidence value.
10. Document all "finds" using proper chain of custody and inventory documentation.

**REFERENCES:**

1. CALL 07-26 Tactical Site Exploitation and Cache Search Operations
2. ISBN: 9780160800863 USMC Site Exploitation: Evidence Collection - training support package
3. MCRP 3-31.4B Multi-service Tactics, Techniques, and Procedures for Cordon and Search Operations

LOG-EXCU-4302: Conduct Amphibious Embarkation

SUPPORTED MET(S): 3

EVALUATION-CODED: YES SUSTAINMENT INTERVAL: 12 months

CONDITION: Given deployment data, internet connectivity, ship load-planning AIS.

STANDARD: To ensure 100% accountability IAW BALS.

EVENT COMPONENTS:

1. Ensure team load plans are provided to the ships.
2. Ensure team load plans are approved by appropriate ship CO.
3. Provide input for the Berthing and Loading Schedule (BALS).
4. Coordinate LFSP functions.
5. Monitor loading.
6. Publish Organization for Embarkation & Assignment to Shipping (OE&AS).
7. Assign embarkation teams.
8. Assist teams in load plan preparations.

REFERENCES:

1. CFR 49 Code of Federal Regulations - Hazardous Materials
  2. CFR 49 PARTS 100-185 Code of Federal Regulations - Transportation
  3. DOD 4500.9-R Defense Transportation Regulation Parts I, II & III
  4. MCO P4030.19 Preparing Hazardous Materials for Military Air Shipments
  5. MCO P4600.14 Transportation Fac Guide Vol 4
  6. MCO P4600.7 USMC Transportation Manual
  7. MCWP 4-1 Logistics Operations
  8. MCWP 4-11 Tactical-Level Logistics
  9. MCWP 4-11.3 Transportation Operations
- 

MEU-LCE-4001: Provide military police support

SUPPORTED MET(S): None

EVALUATION-CODED: NO SUSTAINMENT INTERVAL: 12 months

CONDITION: Given commanders intent, requirements, military police personnel, and equipment

STANDARD: Per MCWP 3-34.1 Military Police Operations Chapter 2 Military Police Personnel.

EVENT COMPONENTS:

1. Provide MP support.
2. Conduct nonlethal weapons (NLW) training and employment.
3. Provide mission assurance planning and assessments.
4. Conduct criminal investigations.
5. Conduct Route Reconnaissance.
6. Conduct Route Security.
7. Conduct combat logistics patrols.



8. Conduct accident investigations.
9. Provide physical security.
10. Conduct limited detainee operations.
11. Support limited detainee operations afloat.
12. Conduct Law and Order operations.
13. Conduct tactical site exploitation.

**REFERENCES:**

1. FM 41-10 Civil Affairs Operations
2. FMFM 7-10 Domestic Support Operations
3. JP 3-57.1 Joint Doctrine for Civil Affairs
4. MCO 3120.9 Policy for Marine Expeditionary Unit
5. MCO 3502.3 Marine Expeditionary Unit (Special Operations Capable)
6. MCWP 3-15.8 Multi-service Procedures for the Tactical Employment of Non-lethal Weapons
7. MCWP 3-33.1 MAGTF Civil Military Operations
8. MCWP 3-34.1 Military Police In Support of the MAGTF
9. OH 1-24 Expeditionary Forces Conducting Humanitarian Assistance Operations
10. SPHERE Project Humanitarian Charter and Minimum Standards in Disaster Response Handbook, dtd 2004
11. USAID FOG U.S. Agency for International Development (USAID) Field Operations Guide (FOG) for Disaster Assessment and Response - Version 4.0 (Sep 05)

**SUPPORT REQUIREMENTS:**

**OTHER SUPPORT REQUIREMENTS:** An operations cell, mission-essential equipment and task-organized personnel.

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CHAPTER 5

5000-LEVEL COLLECTIVE EVENTS

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**5001. 5000-LEVEL EVENTS**

**0321-AMPH-5001:** Conduct Amphibious Reconnaissance

**SUPPORTED MET(S):** None

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

**CONDITION:** Given a reconnaissance platoon, organic equipment, resources sufficient to sustain 96 hours of continuous operations, an appropriate situation and mission.

**STANDARD:** Provide detailed information in support of commander's specific information requirements and the collection plan.

**EVENT COMPONENTS:**

1. Conduct insertion into Reconnaissance Area of Operations (RAO).
2. Execute actions within the RAO. This includes, but is not limited to hydrographic, surf, beach reconnaissance tasks. Additional tasks may also include Initial Terminal Guidance and riverine reconnaissance.
3. Plan and prepare for an amphibious reconnaissance mission.
4. Employ surface or subsurface movement techniques to and within the RAO.
5. Conduct extract or exfiltration / re-entry of friendly lines.
6. Conduct post-mission priorities of work (patrol reports/debriefs submitted to higher headquarters).

**REFERENCES:**

1. COMNAVSURFPAC/COMNAVSURFLANT INSTR 3480.1B Joint Surf Manual
2. FM 3-05.212 Special Forces Waterborne Operations
3. FM 3-55.93 Long Range Surveillance Operations
4. MCRP 3-14.1A Reconnaissance Platoon
5. MCWP 2-2 MAGTF Intelligence Collection
6. OPNAVINSTRUCTION 1500.75 High Risk Training Order

**SUPPORT REQUIREMENTS:**

**RANGE/TRAINING AREA:**

Facility Code 17440 Personnel/Equipment Drop Zone  
Facility Code 17411 Maneuver/Training Area, Amphibious Forces  
Facility Code 17410 Maneuver/Training Area, Light Forces

**UNITS/PERSONNEL:** 1. Support personnel as required by local range regulations. 2. HHQ element with necessary support personnel and equipment to receive collected information. 3. Aviation, Surface or Sub-surface craft and equipment to support amphibious operations.

---

**0321-C2-5001:** Conduct Platoon Reconnaissance Operations Center (ROC) Operations

**SUPPORTED MET(S):** 1

**EVALUATION-CODED:** YES

**SUSTAINMENT INTERVAL:** 6 months

**CONDITION:** Given vehicles with mounted radios and crew-served weapons, a task organized platoon-level 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 reconnaissance teams and higher/adjacent/supported agencies appropriate to METT-TSL, commander's intent and unit SOPs.

**EVENT COMPONENTS:**

1. Plan and prepare for command post operations.
2. Conduct a review of Unit ROC SOP.
3. Inspect comm-elec equipment, and other organizational equipment and furniture.
4. Establish Command Post.
5. Conduct Marine Corps Planning Process.
6. Facilitate intelligence support to subordinate elements, including the submission of support requests for imagery, maps, ISR, and other Intel support. Assist in the development of a collection plan in order to support the HHQ/supported-unit(s) scheme of maneuver.
7. Conduct Fire Support Planning and Coordination.
8. Conduct Operational Security.
9. Provide communications support to subordinate elements.
10. Conduct sustained command/control functions, utilizing ROC watch schedules and assigned assets.
11. Conduct battle drills, including the systematic receipt of information from subordinate elements and the steps required at each level to react to/exploit the situation (e.g. Unit Situation Reports; Contact Reports; etc).
12. Maintain and update situational maps via electronic systems and wall maps as necessary.
13. Maintain and update information on operations, intelligence, and communications contingency boards displayed in ROC.
14. Integrate with HHQ, FSC, Current Operations, Future Operations and other supported agency planning efforts in support of current and future missions.
15. Facilitate tactical logistics support to subordinate elements, to include establishment of caches and resupply bundles in support of team operations.

**REFERENCES:**

1. FMFM 3-1 Command and Staff Action

2. FMFM 6-3 Marine Infantry Battalion
3. MCRP 2-25A Reconnaissance Reports Guide
4. MCRP 3-11.1A Commander's Tactical Handbook
5. MCWP 3-1 Ground Combat Operations
6. MCWP 3-16 Fire Support Coordination in the Ground Combat Element
7. MCWP 3-40.3 MAGTF Communications System, 8 January 2010
8. MCWP 5-1 Marine Corps Planning Process (MCP)
9. Applicable Technical Manuals
10. Local Range Regulations
11. Unit Standard Operating Procedures (SOP)

**SUPPORT REQUIREMENTS:**

**RANGE/TRAINING AREA:**

Facility Code 17962 MOUT Collective Training Facility (Small)  
Facility Code 17410 Maneuver/Training Area, Light Forces

**MISCELLANEOUS:**

**ADMINISTRATIVE INSTRUCTIONS:** 1. ROC facilities can be simulated using the Combined Arms Staff Trainer (CAST) facility. 2. Appropriate Range Safety and Medical personnel may be required.

---

**0321-OFF-5001:** Conduct a Raid

**SUPPORTED MET(S):** None

**EVALUATION-CODED:** YES

**SUSTAINMENT INTERVAL:** 12 months

**CONDITION:** Given a unit, a mission, commander's intent, fighting load, with any of the following: wheeled vehicle transportation, small boats, helicopters, or mechanized transportation.

**STANDARD:** To support the scheme of maneuver.

**EVENT COMPONENTS:**

1. Conduct BAMCIS.
2. Assign each element a withdrawal plan.
3. Conduct movement to the ORP.
4. Emplace security.
5. Emplace support element.
6. Conduct actions on the objective.
7. On order, the unit withdraws from the objective.
8. Account for all personnel prior to the final withdrawal.
9. Execute withdrawal.

**PREREQUISITE EVENTS:**

0321-RECN-4002	0321-RECN-4003	0321-RECN-4013
0321-OFF-4001	0321-RECN-4010	0321-RECN-4004
0321-RECN-4005		

**CHAINED EVENTS:** 0321-OFF-4001

**RELATED EVENTS:** 0321-OFF-5001

**REFERENCES:**

1. FMFM 6-4 Marine Rifle Company/Platoon
2. MCWP 3-43.1 Raid Operations

**SUPPORT REQUIREMENTS:**

**ORDNANCE:**

DODIC Quantity

A059 Cartridge, 5.56mm Ball M855 10/Clip 120/wpn  
A063 Cartridge, 5.56mm Tracer M856 Single 20/wpn  
A064 Cartridge, 5.56mm 4 Ball M855/1 Tracer 200/wpn  
A075 Cartridge, 5.56mm Blank M200 Linked 200/man  
A080 Cartridge, 5.56mm Blank M200 Single 60/man  
A131 Cartridge, 7.62mm 4 Ball M80/1 Trace 200/wpn  
AA12 Cartridge, 9mm FX Red Marking 90/man  
AA21 Cartridge, 9mm FX Blue Marking 90/man  
B519 Cartridge, 40mm Target Practice M781 2/wpn  
B534 Cartridge, 40mm Multiple Projectile 2/wpn  
B546 Cartridge, 40mm HEDP M433 2/wpn  
C995 Cartridge and Launcher, 84mm M136 AT 2/team  
G811 Grenade, Hand Practice Body M69 2/man  
G878 Fuse, Hand Grenade Practice M228 2/man  
G881 Grenade, Hand Fragmentation M67 2/man  
G930 Grenade, Hand Smoke HC AN-M8 2/man  
G940 Grenade, Hand Green Smoke M18 4/team  
G950 Grenade, Hand Red Smoke M18 2/team  
G963 Grenade, Hand Riot CS M7A3 2/team  
HA29 Rocket 66mm HE, M72A7, LAW W/GRAZE 2/team  
K143 Mine, Antipersonnel M18A1 with M57 F 2/team  
L307 Signal, Illumination Ground White St 4/team  
L312 Signal, Illumination Ground White St 4/team  
L314 Signal, Illumination Ground Green St 4/team  
L495 Flare, Surface Trip M49 Series 10/team  
L596 Simulator, Artillery Flash M110 5/team  
L600 Simulator Booby Trap Whistling M119 w 5/team  
M131 Cap, Blasting Non-Electric M7 2/team  
M456 Cord, Detonating PETN Type I Class E 200 ft  
M670 Fuse, Blasting Time M700 50 ft  
M766 Igniter, M60 for Time Blasting Fuse 2/team

**RANGE/TRAINING AREA:**

Facility Code 17430 Impact Area Dudded  
Facility Code 17410 Maneuver/Training Area, Light Forces  
Facility Code 17581 Machine Gun Field Fire Range  
Facility Code 17631 Light Antiarmor Weapons Range Live  
Facility Code 17670 Mortar Range  
Facility Code 17671 Field Artillery Indirect Fire Range  
Facility Code 17730 Fire And Movement Range  
Facility Code 17936 Close Air Support Range

**OTHER SUPPORT REQUIREMENTS:** 1. Range must support all platoon weapons and attached weapons, to include dud-producing ordnance and overhead fires. 2.

SESAMS-Conversion Kits (M4/M16/M9/M1911)

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: WEAPON AND AMMUNITION (BLANK/SESAMS): Weapon: PyrotechnicsG811 GRENADE, HAND, PRACTICE (BODY) 2/manG878 FUZE, DELAY, F/G811, PRAC GRENADE 2/manG930 GRENADE, HAND, SMOKE, HC, AN-M8 1/manG940 GRENADE, HAND, SMOKE, GREEN, M18 2/teamG948 GRENADE, HAND, SMOKE, YELLOW, M18 2/teamG950 GRENADE, HAND, SMOKE, RED, M18 1/teamK105 MINE, APERS PRACTICE, M8 2/teamL307 SIGNAL, WHITE STAR CLUSTER, M159 2/teamL310 SIGNAL, GREEN STAR PARACHUTE, M159 2/teamL312 SIGNAL, WHITE STAR PARACHUTE, M159 2/teamL314 SIGNAL, GREEN STAR CLUSTER, M159 2/teamL315 SIGNAL, RED STAR CLUSTER, M159 1/teamL495 SIMULATOR, FLASH, BOOBY TRAP 5/teamL600 SIMULATOR, EXPL, BOOBY TRAP 5/team Weapon: M16 Series 5.56mm Service RifleA080 CTG, 5.56MM, BLANK 60/manAA12 CTG, 9MM FX MKG RED 60/manAA21 CTG, 9MM FX MKG BLUE 60/man Weapon: M249 5.56mm Light Machinegun - Squad Automatic WeaponA075 CTG, 5.56MM, BLANK, LINKED 200/man Weapon: M9 9mm PistolAA12 CTG, 9MM FX MKG RED 30/manAA21 CTG, 9MM FX MKG BLUE 30/man WEAPON AND AMMUNITION (LIVE FIRE):Weapon: Pyrotechnics/DemolitionsG930 GRENADE, HAND, SMOKE, HC, AN-M8 1/manG940 GRENADE, HAND, SMOKE, GREEN, M18 2/teamG948 GRENADE, HAND, SMOKE, YELLOW, M18 2/teamG950 GRENADE, HAND, SMOKE, RED, M18 1/teamL307 SIGNAL, WHITE STAR CLUSTER, M159 2/teamL310 SIGNAL, GREEN STAR PARACHUTE, M159 2/teamL312 SIGNAL, WHITE STAR PARACHUTE, M159 2/teamL314 SIGNAL, GREEN STAR CLUSTER, M159 1/teamL495 SIMULATOR, FLASH, BOOBY TRAP 5/teamL596 Simulator, artillery flash, M110 5/teamG881 GRENADE, HAND, FRAG, M67 2/manG963 GRENADE, HAND, SMOKE, CS, M7A3 2/teamK013 TRIP WIRE 2/teamK143 MINE, APERS, M18A1, W/ACCES 2/teamM456 DETONATING CORD 200 ftM131 Cap, Blasting non-elec, M7 2/teamM766 Igniter, M60 for time fuse 2/teamM670 Fuse, blasting time, M700 50 ftWeapon: Anti-Tank WeaponC995 ROCKET 83MM AT-4 2/teamHA29 ROCKET 66MM M72A7 LAW 2/team Weapon: M203 40mm grenade launcherB519 CTG, 40MM, PRACTICE, M781 2/wpnB534 CTG, 40mm, APERS 2/wpnB546 CTG, 40MM, HE DP, M433 2/wpnWeapon: M240G 7.62mm medium machinegunA131 CTG, 7.62MM, LINKED 4&1 200/wpnWeapon: M249 5.56mm light machinegun - squad automatic weaponA064 CTG, 5.56MM, 4&1 LINKED, F/SAW 200/wpnWeapon: M16 Series 5.56mm Service RifleA059 CTG, 5.56MM, BALL, M855 60/wpnA063 CTG, 5.56MM, TRACER, M856 20/wpn1. Sustainment requires three iterations per training interval. The above ammunition requirement reflects those amounts required per iteration. 2. Live ammunition is preferred if training facilities are available, but this task can be accomplished to standard with blanks or SESAMS.

SPECIAL PERSONNEL CERTS: Certified range safety and medical personnel are required.

---

0321-RECN-5001: Conduct Ground Reconnaissance

SUPPORTED MET(S): None

EVALUATION-CODED: YES

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: SUPPORTED MET(S): 1, 3, 4



**CONDITION:** Given a reconnaissance platoon, organic equipment, resources sufficient to sustain 96 hours of continuous operations, an appropriate situation and mission.

**STANDARD:** Provide detailed information in support of commander's specific information requirements and the collection plan.

**EVENT COMPONENTS:**

1. Employ mounted or dismounted movement techniques to and within the RAO.
2. Plan and prepare for a ground reconnaissance mission.
3. Conduct insertion into Reconnaissance Area of Operations (RAO).
4. Execute actions within the RAO. This includes, but is not limited to route, area and/or zone reconnaissance tasks. Additional tasks may also include battle damage assessment, terrain, urban, force-oriented, engineer, or electronic reconnaissance, when task organized.
5. Conduct extract or exfiltration/re-entry of friendly lines.
6. Conduct post-mission priorities of work (patrol reports/debriefs submitted to higher headquarters).

**REFERENCES:**

1. FM 3-55.93 Long Range Surveillance Operations
2. FMFM 6-4 Marine Rifle Company/Platoon
3. MCRP 3-14.1A Reconnaissance Platoon
4. MCWP 2-2 MAGTF Intelligence Collection
5. MCWP 3-11.3 Scouting and Patrolling

**SUPPORT REQUIREMENTS:**

**RANGE/TRAINING AREA:**

Facility Code 17963 MOUT Collective Training Facility (Large)  
Facility Code 17410 Maneuver/Training Area, Light Forces  
Facility Code 17440 Personnel/Equipment Drop Zone

**UNITS/PERSONNEL:** 1. Support personnel as required by local range regulations. 2. HHQ element with necessary support personnel and equipment to receive collected information. 3. Vehicles to support mounted operations.

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**AAV-AMPH-5602:** Conduct Waterborne Ship-to-Shore Movement

**SUPPORTED MET(S):** 3, 5

**EVALUATION-CODED:** YES

**SUSTAINMENT INTERVAL:** 3 months

**CONDITION:** The Assault Amphibian platoon is embarked aboard amphibious shipping and is in receipt of order to conduct waterborne ship-to-shore movement operations. All necessary unit personnel and equipment are available. The unit has communications with Primary Control Ship, supporting fire agencies, adjacent, and subordinate elements. The unit is provided guidance on the rules of engagement (ROE) and rules of interaction (ROI). Coalition forces and noncombatants may be present in the operational environment. Some iterations of this task are conducted during limited

visibility conditions. Some iterations of this task are performed in MOPP 4.

**STANDARD:** The platoon launches from amphibious shipping, crosses the LD, moves through the boat lane and touches down within 50 meters of center beach in proper formation. The unit accomplishes ship-to-shore movement under the guidance of the Primary Control Ship's Combat Information Center and in accordance with the established timeline and standing operating procedures.

**EVENT COMPONENTS:**

1. Monitor internal communications.
2. AAVs maintain proper formation and interval.
3. AAVs guide on wave commander.
4. AAVs maintain rate of march according to guidance from PCS or Global Positioning System (GPS) in order to achieve touchdown on time.
5. Conduct emergency operations/vehicle recovery, if required.
6. Conduct changes to waterborne formation outside the surf zone, as required.
7. Control the sequence and employment of mine clearance systems from the surf zone through the high water mark and other beach obstacles.
8. Move AAVs into cleared lanes.
9. AA unit leaders report their waves' touchdown.
10. Employ vehicle screening systems.
11. Signal lifting or shifting of supporting fires.
12. Maneuver AAVs into required tactical wave formations per the landing plan after leaving the ship.
13. Monitor communications with Primary Control Ship (PCS) and other AAVs in wave.

**RELATED EVENTS:**

1833-CMDC-1209      1833-AMPH-2605      1833-AMPH-2604  
1833-AMPH-2606

**REFERENCES:**

1. JCS PUB 3-02 Joint Doctrine for Amphibious Operations
2. JCS PUB 3-02.1 Joint Doctrine for Landing Force Operations
3. LFM 03 Amphibious Embarkation
4. MCO 3500.27 Operational Risk Management (ORM)
5. MCRP 3-31.3A Over the Horizon Surface Operations
6. MCRP 3-31B Amphibious Ships and Landing Craft Data Book
7. MCWP 3-13 Employment of Amphibious Assault Vehicles (AAVs)
8. MCWP 3-31.3 Surf Zone Operations
9. MCWP 3-31.5 Ship-to-Shore Movement
10. TM 09674A-10/3B Operator's Manual (With Component List), Assault Amphibious Vehicle, 7A1 Family of Vehicles and RAM/RS

**SUPPORT REQUIREMENTS:**

**ORDNANCE:**

**DODIC Quantity**

L311 Signal, Illumination Ground Red Star 1 per crew  
L312 Signal, Illumination Ground White St 1 per crew

**RANGE/TRAINING AREA:** Facility Code 17411 Maneuver/Training Area,  
Amphibious Forces

**AAV-AMPH-5603:** Support Amphibious Raid

**SUPPORTED MET(S):** 2

**EVALUATION-CODED:** YES **SUSTAINMENT INTERVAL:** 6 months

**CONDITION:** Given higher headquarters operation order and commander's guidance.

**STANDARD:** To make a swift incursion into or temporary occupation of an objective followed by a planned withdrawal.

**EVENT COMPONENTS:**

1. Conduct ship to objective maneuver
2. Maneuver security element into designated positions
3. Maneuver support element to over-watch position
4. Maneuver assault element to designated assault position
5. Execute planned withdrawal
6. Task organize for the raid

**PREREQUISITE EVENTS:**

1833-CMDC-1204	1833-VOPS-1302	1833-AMPH-1601
1833-VOPS-2302	1833-CMDC-2203	1833-CMDC-2208
1833-AMPH-1603		

**CHAINED EVENTS:**

1833-AMPH-1602	AAV-GNRY-5101	AAV-CSS-5503
AAV-AMPH-5601	AAV-AMPH-5602	

**RELATED EVENTS:**

1833-CMDC-2207	1833-CMDC-2202	1833-CMDC-2201
1833-CMDC-1203	1833-CMDC-1202	1833-VOPS-1308
1833-GNRY-1110	1833-GNRY-2108	1833-GNRY-2107
1833-GNRY-1111	1833-VOPS-1310	1833-CMDC-1201

**REFERENCES:**

1. MCWP 3-13 Employment of Amphibious Assault Vehicles (AAVs)
2. MCWP 3-31.3 Surf Zone Operations
3. MCWP 3-31.5 Ship-to-Shore Movement

**SUPPORT REQUIREMENTS:**

**ORDNANCE:**

**DODIC Quantity**

L311 Signal, Illumination Ground Red Star 2 per crew  
L312 Signal, Illumination Ground White St 2 per crew

**RANGE/TRAINING AREA:**

Facility Code 17411 Maneuver/Training Area, Amphibious Forces  
Facility Code 17420 Maneuver/Training Area, Heavy Forces

**EQUIPMENT:** Amphibious shipping required to accomplish this task.

**MISCELLANEOUS:**

**ADMINISTRATIVE INSTRUCTIONS:** Ensure personnel accountability prior to withdrawal.

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**AAV-AMPH-5606:** Support Non-combatant Evacuation Operations

**SUPPORTED MET(S):** 2

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

**CONDITION:** Given higher headquarters operation order and commander's guidance.

**STANDARD:** To evacuate identified personnel to amphibious shipping or other safe haven.

**EVENT COMPONENTS:**

1. Task organize
2. Draw and issue specialized equipment
3. Conduct security operations
4. Conduct retrograde
5. Conduct ship-to-objective/evacuation site movement
  
6. React to public disturbance, enemy action, or reports of evacuees at other locations

**PREREQUISITE EVENTS:**

1833-VOPS-1302      1833-AMPH-2601

**CHAINED EVENTS:**

AAV-CSS-5503      AAV-AMPH-5603

**RELATED EVENTS:**

1833-CMDC-2208	1833-CMDC-2207	1833-CMDC-2202
1833-CMDC-2201	1833-CMDC-1203	1833-CMDC-1202
1833-AMPH-1603	AAV-GNRY-5101	1833-GNRY-2108
1833-GNRY-2107	1833-GNRY-1111	1833-GNRY-1110
AAV-AMPH-5601	1833-CMDC-1201	

**REFERENCES:**

1. MCWP 3-13 Employment of Amphibious Assault Vehicles (AAVs)
2. MCWP 3-31.3 Surf Zone Operations
3. MCWP 3-31.5 Ship-to-Shore Movement

**SUPPORT REQUIREMENTS:**

**ORDNANCE:**

**DODIC Quantity**

L311 Signal, Illumination Ground Red Star 2 per crew  
L312 Signal, Illumination Ground White St 2 per crew

**RANGE/TRAINING AREA:**

Facility Code 17411 Maneuver/Training Area, Amphibious Forces  
Facility Code 17420 Maneuver/Training Area, Heavy Forces  
Facility Code 17962 MOUT Collective Training Facility (Small)

**EQUIPMENT:** Amphibious shipping required to accomplish this task.

**UNITS/PERSONNEL:** 1. Role players (Evacuees). 2. Opposing forces

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**AAV-CSS-5503:** Support Casualty Evacuation Operations

**SUPPORTED MET(S):** 2, 4, 5

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

**DESCRIPTION:** This task is designed to train the platoon in using the AAV as an ambulance equipped with the litter kit.

**CONDITION:** Given injured personnel.

**STANDARD:** To move a casualty from the battle-space or sight of injury to a facility that can provide the necessary treatment capability.

**EVENT COMPONENTS:**

1. Local unit provides security at CCP
2. Maneuver to CCP
3. Corpsman stabilizes and prioritize casualty
4. Transfer to next higher collection points, MedEvac Landing Zone, or amphibious shipping

**RELATED EVENTS:**

1833-CMDC-2207	1833-CMDC-2201	1833-VOPS-1313
1833-CMDC-1202	1833-CMDC-1201	1833-CMDC-1203

**REFERENCES:**

1. MCRP 3-02G First Aid
2. MCRP 4-11.1G Patient Movement
3. MCWP 3-13 Employment of Amphibious Assault Vehicles (AAVs)
4. TM 09674A-10/3C Operator's Manual, Assault Amphibious Vehicle 7A1 Family of Vehicles (With Special Mission Kits)

**SUPPORT REQUIREMENTS:**

**RANGE/TRAINING AREA:** Facility Code 17420 Maneuver/Training Area, Heavy Forces

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**AAV-TAC-5701:** Support a Mechanized Attack

**SUPPORTED MET(S):** 4

EVALUATION-CODED: YES SUSTAINMENT INTERVAL: 12 months

CONDITION: Given infantry unit, mission and commander's intent.

STANDARD: To seize the enemy occupied position.

EVENT COMPONENTS:

1. Dismount/employ infantry to support/protect vehicles when required by situation and terrain
2. Employ mechanized battle drills as required
3. Conduct planning, inspections, rehearsals and preparations
4. Determine load/bump plan
5. Develop means of communication between dismounted unit and supporting mechanized assets
6. Perform danger area crossing
7. Conduct passage of lines
8. Conduct dismount, link-up and remount procedures
9. Assist in development of scheme of maneuver to deliver infantry to the pre-determined dismount points, and support their assault by fires
10. Apply movement techniques and formations depending upon enemy situation and terrain
11. Conduct planning, inspections, rehearsals and preparations
12. Determine load/bump plan
13. Assist in development of scheme of maneuver to deliver infantry to the pre-determined dismount points and support their assault by fires
14. Develop means of communication between dismounted unit and supporting mechanized assets
15. Conduct passage of lines
16. Apply movement techniques and formations depending upon enemy situation and terrain
17. Perform danger area crossing

CHAINED EVENTS: AAV-GNRY-5101

RELATED EVENTS:

AAV-CSS-5503	1833-CMDC-2208	1833-CMDC-2207
1833-CMDC-2205	1833-CMDC-2202	1833-CMDC-2201
1833-VOPS-1310	1833-CMDC-1201	1833-CMDC-1203
1833-GNRY-1111	1833-GNRY-2108	1833-GNRY-1110
1833-GNRY-2107	1833-CMDC-1202	

REFERENCES:

1. FM 3-20.95 Cavalry Operations
2. FMFM 6-4 Marine Rifle Company/Platoon
3. MCWP 3-13 Employment of Amphibious Assault Vehicles (AAVs)

SUPPORT REQUIREMENTS:

RANGE/TRAINING AREA:

Facility Code 17420 Maneuver/Training Area, Heavy Forces  
Facility Code 17722 Tank/Fighting Vehicle Multipurpose Range Complex,

MISCELLANEOUS:

**ADMINISTRATIVE INSTRUCTIONS:** 1. Mechanized attacks can include the following Special Purpose Attacks: Raid, Spoiling, Feint, Counter-attack and demonstration. 2. Platoon can assume any of the following roles: assault force or support force.

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**AAV-TAC-5716:** Support Infantry Defensive Operations

**SUPPORTED MET(S):** 1, 6

**EVALUATION-CODED:** YES

**SUSTAINMENT INTERVAL:** 6 months

**CONDITION:** The Assault Amphibian platoon is conducting tactical operations as part of a company team and receives an OPORD/FRAGO directing it to defend an area of operations (AO). Enemy contact is not expected prior to the "defend NLT" time specified in the OPORD or FRAGO. The order includes all applicable overlays and graphics. Indirect fires, engineer, intelligence, and air defense (AD) assets are available upon request. All necessary unit personnel and equipment are available. The unit establishes communications with subordinate, adjacent, and higher headquarters, and is passing information in accordance with the standing operating procedure (SOP). The unit is provided guidance on the rules of engagement (ROE) and rules of interaction (ROI). Coalition forces and noncombatants may be present in the operational environment. Some iterations of this task are performed in limited visibility. Some iterations of this task are performed in MOPP 4.

**STANDARD:** The platoon defends in accordance with SOP, the order, and higher commander's guidance and intent. The unit reconnoiters, occupies and defends from mutually supporting positions before the defense "not later than (NLT)" time specified in the order. The unit adjusts positions as necessary to cover target reference points (TRPs), engagement areas (EAs), and sectors of fire. The unit complies with the ROE and ROI.

**EVENT COMPONENTS:**

1. Employ obstacles (natural and manmade) to disrupt, delay, block, or canalize enemy movement in coordination with fire support to destroy his reconnaissance elements and defeat his main attack.
2. Establish vehicle fighting positions to include fire sketch. At a minimum establish Target Reference Points (TRPs) by vehicle, element, and unit when conducting the hasty defense of a battle position.
3. Employ vehicle weapons to engage enemy troops and vehicles in accordance with engagement criteria established in the OPORD/FRAGO.
4. Displace to alternate, supplementary, and subsequent positions in accordance with disengagement criteria established in the OPORD/FRAGO.
5. Conduct local counterattacks.
6. Conduct combat reporting.
7. Conduct consolidation and reorganization.
8. Conduct resupply, recovery, and evacuation operations.

**PREREQUISITE EVENTS:** AAV-TAC-5717

**RELATED EVENTS:**

1833-TAC-2703      1833-TAC-2704      1833-CBTS-2411

1833-CMDC-2202      1833-CMDC-1209      1833-CMDC-2217

**REFERENCES:**

1. MCO 3500.27\_ Operational Risk Management (ORM)
  2. MCWP 3-13 Employment of Amphibious Assault Vehicles (AAVs)
  3. TM 09674A-10/3B Operator's Manual (With Component List), Assault Amphibious Vehicle, 7A1 Family of Vehicles and RAM/RS
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**AAV-TAC-5721:** Support Infantry Offensive Operations

**SUPPORTED MET(S):** 1, 2, 5, 8

**EVALUATION-CODED:** YES

**SUSTAINMENT INTERVAL:** 6 months

**CONDITION:** The Assault Amphibian platoon is conducting tactical operations as part of a company/team and receives an OPORD/FRAGO to support a hasty attack, deliberate attack, attack of a strongpoint, reconnaissance in force, feint, demonstration, mechanized raid, or counterattack. Some iterations of this task are performed in limited visibility. Some iterations of this task are performed in MOPP 4.

**STANDARD:** The platoon supports the infantry with fire and maneuver which results in the destruction, capture, or withdrawal of enemy forces. The platoon sustains no personnel or equipment losses due to friendly fire. The platoon maintains situational awareness by monitoring communications. Time required to plan and implement is increased when operating in MOPP 4.

**EVENT COMPONENTS:**

1. Acknowledge receipt of the higher headquarters warning order and initiate planning.
2. Issue warning order to subordinate units.
3. Develop and issue the unit operations order.
4. Establish liaison with higher, adjacent, and supporting units, as appropriate request direct liaison, when appropriate.
5. Conduct rehearsals as time permits and coordinate rehearsals with supported unit.
6. Conduct leader's reconnaissance as time permits.
7. Coordinate passage of lines, if required.
8. Conduct forward passage of lines with unit in contact with enemy force.
9. Conduct movement to and conduct attack position activities.
10. Cross line of departure.
11. Conduct movement to and conduct dismount point activities.
12. Initiate preparatory fires if included in the operations order.
13. Provide support by fire.
14. Conduct other mission as assigned by the operations order.
15. Conduct breach of enemy obstacle belt, as necessary.
16. Assault enemy objectives.
17. Prepare for enemy counterattack.
18. Prepare for follow on mission.
19. Conduct combat reporting as required.
20. Conduct preparation for combat, to include pre-combat checks and pre-combat inspections.



21. Embark dismounted supported unit, if applicable.
22. Conduct consolidation and reorganization on the objective.

**PREREQUISITE EVENTS:** AAV-TAC-5722

**RELATED EVENTS:**

1833-TAC-2701	1833-CMDC-1209	1803-CMDC-1221
1803-CMDC-1218	1833-CMDC-2217	1833-CMDC-2202

**REFERENCES:**

1. MCO 3500.27\_ Operational Risk Management (ORM)
2. MCWP 3-13 Employment of Amphibious Assault Vehicles (AAVs)
3. NAVMC DIR 3500.87 Infantry Training & Readiness Manual

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**ENGR-CMOB-5701:** Create obstacle groups

**SUPPORTED MET(S):** 3

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

**DESCRIPTION:** Obstacles can be explosive or non-explosive in nature.

**CONDITION:** Given mission, commander's intent, location of adjacent friendly forces, estimated locations and most recent activities of enemy, weather conditions, defined area of operations, routes, rules of engagement, supporting arms, an equipment density list and available personnel.

**STANDARD:** To turn, block, fix, or disrupt the enemy and supports the commanders intent.

**EVENT COMPONENTS:**

1. Develop/review obstacle plan.
2. Analyze engagement areas, battle positions, and weapons location.
3. Determine possible obstacle locations and types.
4. Identify the commander's obstacle priorities.
5. Determine resources.
6. Determine actual work sequence.
7. Determine task organization required.
8. Determine coordination required.
9. Coordinate with supported unit for specific obstacle placement and observation.
10. Coordinate observation and reporting for decision/triggering point(s) for reserve/situational obstacles as required.
11. Emplace explosive obstacle(s).
12. Create non-explosive obstacle(s).
13. Close lanes as required.
14. Submit required reports.
15. Submit required reports.

**REFERENCES:**

1. FM 20-32 Mine/Countermine Operations
2. FM 3-06 Urban Operations

3. FM 5-100 Engineers in Combat Operations
4. FM 5-102 Countermobility
5. FM 5-103 Survivability
6. FM 5-170 Engineer Reconnaissance
7. FM 5-34 Engineer Field Data - Field Expedient Charges
8. FM 90-1 Countermobility
9. FM 90-7 Combined Arms Obstacle Integration
10. JP 3-15 Joint Doctrine for Barriers, Obstacles, and Mine Warfare
11. JP 3-34 Engineer Doctrine for Joint Operations
12. MCRP 3-17A Engineer Field Data
13. MCWP 3-17 Engineer Operations

**SUPPORT REQUIREMENTS:**

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

**EQUIPMENT:** Engineer Material Handling equipment, Combat Engineer equipment

**UNITS/PERSONNEL:** Range Safety Officer, Corpsman

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**ENGR-DEMO-5402:** Conduct demolition operations

**SUPPORTED MET(S):** 2, 3, 4

**EVALUATION-CODED:** YES

**SUSTAINMENT INTERVAL:** 6 months

**CONDITION:** Given a tactical situation, an order, task organized equipment and personnel, specifications, demolition materials, and appropriate references.

**STANDARD:** To achieve desired effects in accordance with commander's intent.

**EVENT COMPONENTS:**

1. Employ demolitions in support of countermobility operations.
2. Submit required reports.
3. Employ demolitions in support of horizontal construction as required.
4. Coordinate demolition operations.
5. Plan demolition operations.
6. Conduct engineer reconnaissance.
7. Destroy captured arms and ammunition as required.
8. Employ demolitions in support of mobility operations as required.
9. Employ demolitions in support of expeditionary operations as required.
10. Employ demolitions in support of survivability position construction.

**REFERENCES:**

1. FM 3-34.119 Improvised Explosive Device (IED) Defeat
2. FM 3-34.210 Explosive Hazard Operations
3. FM 3-34.214 Explosives and Demolitions

**SUPPORT REQUIREMENTS:**

EQUIPMENT: Combat engineer demolitions kit

UNITS/PERSONNEL: Range Safety Officer, Corpsman

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ENGR-INF-5401: Fight as Provisional Infantry

SUPPORTED MET(S): 1

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: Offensive operations including attacks, raids, movement to contact, etc. Defensive operations (including withdrawal), patrolling (including check point ops), mobility (including screening, convoy ops), and employment of organic weapons. Operations other than war (civil disturbance, TRAP, cordon and search), MOUT (attack, defend, patrol, clear a building, vehicle check point). Participate in amphibious assault and raid operations.

CONDITION: Given a requirement, commander's intent and references.

STANDARD: To augment supported unit or conduct offensive and defensive operations to support mission requirements.

EVENT COMPONENTS:

1. Conduct planning.
2. Task organize.
3. Issue orders.
4. Conduct inspections, rehearsals, and preparations.
5. Elements employ appropriate formations and tactics.
6. Conduct final preparations.
7. Use, coordinate, and observe fires.
8. Employ supporting arms as required.
9. Establish redundant communications.
10. Treat and evacuate casualties as required.
11. Process detainees as required.
12. Send and receive required reports.

REFERENCES:

1. MCDP 1 Warfighting
2. MCDP 1-3 Tactics
3. MCRP 2-3A Intelligence Preparation of the Battlefield/Battlespace
4. MCRP 3-02G First Aid
5. MCWP 3-11.2 Marine Rifle Squad

SUPPORT REQUIREMENTS:

RANGE/TRAINING AREA: Facility Code 17730 Fire and Movement Range

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ENGR-MOBL-5401: Construct expedient HLZ

SUPPORTED MET(S): 2, 4, 5

**EVALUATION-CODED:** YES

**SUSTAINMENT INTERVAL:** 3 months

**DESCRIPTION:** Conduct construction of expedient HLZ; includes but is not limited to clearing and grubbing geographical locations for takeoff and landing of rotary wing in support of troop transport, resupply, MedEvac operations, etc.

**CONDITION:** Given a mission, commander's intent, available resources, and references.

**STANDARD:** To create a landing site that will support rotary wing aircraft for the loading and unloading of personnel, resupply, and equipment in accordance with commander's intent, concept of operations and supported unit requirements.

**EVENT COMPONENTS:**

1. Task organize
2. Conduct engineer reconnaissance and survey.
3. Coordinate resource requirements.
4. Issue the order.
5. Clear landing site.
6. Maintain and improve landing site as required.
7. Submit required reports.

**REFERENCES:**

1. FM 5-101 Mobility
2. FM 5-170 Engineer Reconnaissance
3. FM 5-412 Project Management
4. FM 5-430-00-1, Volume 1 Planning and Design of Roads, Airbases, and Heliports in the Theater of Operations
5. FM 5-430-00-2 Planning and design of roads, airfields, and heliports in the theater of operations--Airfield and Heliport design
6. MCWP 3-17 Engineer Operations

**SUPPORT REQUIREMENTS:**

**RANGE/TRAINING AREA:**

Facility Code 17420 Maneuver/Training Area, Heavy Forces  
Facility Code 17918 Road/Airfield Construction Training Site

**EQUIPMENT:** Engineer Earthmoving equipment, Engineer Material Handling equipment

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**ENGR-MOBL-5501:** Construct tactical landing zones

**SUPPORTED MET(S):** 1, 2, 4, 5, 7

**EVALUATION-CODED:** NO

**SUSTAINMENT INTERVAL:** 6 months

**DESCRIPTION:** Conduct construction of tactical landing zones; includes but is not limited to site selection, construction, repair, and maintenance of existing or expeditionary airfields, landing zones, and other facilities for

takeoff and landing of fixed and rotary wing aircraft in support of MAGTF operations.

**CONDITION:** Given a mission, commander's intent, available resources, and references.

**STANDARD:** To create, repair, and maintain tactical landing zones that meet or exceed landing zone requirements listed in the design specifications per the size, type, and number of aircraft.

**EVENT COMPONENTS:**

1. Task organize.
2. Conduct engineer reconnaissance and survey.
3. Estimate engineer equipment requirements.
4. Coordinate necessary support.
5. Issue the order.
6. Construct/repair airfield, landing zone, or other facilities as required.
7. Maintain and improve airfield, landing zone, or other facilities as required.
8. Submit required reports.
9. Finalize construction plan.

**REFERENCES:**

1. FM 5-100 Engineers in Combat Operations
2. FM 5-101 Mobility
3. FM 5-170 Engineer Reconnaissance
4. FM 5-250 Explosives and Demolitions
5. FM 5-34 Engineer Field Data - Field Expedient Charges
6. FM 5-36 Route Reconnaissance and Classification
7. FM 5-430-00-2 Planning and design of roads, airfields, and heliports in the theater of operations--Airfield and Heliport design
8. FMFM 13 MAGTF Engineer Operations
9. FMFM 4-4 Engineer Operations
10. MCRP 3-17A Engineer Field Data
11. MCRP 3-17B Engineer Forms and Reports
12. MCRP 4-11.3E Multi-service Helicopter Sling Load: Vols I, II and III
13. MCWP 3-17 Engineer Operations

**SUPPORT REQUIREMENTS:**

**RANGE/TRAINING AREA:**

Facility Code 17410 Maneuver/Training Area, Light Forces  
Facility Code 17918 Road/Airfield Construction Training Site

**EQUIPMENT:** Engineer Earthmoving equipment, Material Handling equipment, Utilities equipment

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**ENGR-MOBL-5702:** Conduct breach lane improvement operations

**SUPPORTED MET(S):** 2, 5

**EVALUATION-CODED:** NO

**SUSTAINMENT INTERVAL:** 12 months

**DESCRIPTION:** As the breach force progresses, it creates two lanes in the tactical obstacles. The breach force marks lanes with the initial lane-marking pattern and passes the assault force through the lanes. At this stage of the breaching operation, the TF maintains lanes in the tactical obstacles and controls all movement of forces within the breach area.

**CONDITION:** Given a mission, commanders intent, a map, a breached lane marked to initial standard, tasked organized personnel, equipment, and references.

**STANDARD:** To improve breach lanes through enemy obstacles to support two-way traffic, the commander's intent and concept of operations.

**EVENT COMPONENTS:**

1. Determine breach lane improvement requirements.
2. Coordinate receipt of breached lanes.
3. Improve breach lanes for trafficability as required.
4. Mark lanes as required.
5. Turnover lane(s) to designated forces.
6. Analyze breach lane reporting.
7. Task organize support breach teams.
8. Coordinate security for breach lanes as required.
9. Widen lanes as required.
10. Submit required reports.
11. Reconstitute the support breach team.

**REFERENCES:**

1. FM 3-34.119 Improvised Explosive Device (IED) Defeat
2. FM 5-101 Mobility
3. FM 5-170 Engineer Reconnaissance
4. FM 5-34 Engineer Field Data - Field Expedient Charges
5. FM 90-13-1 Combined Arms Breaching Operations
6. FMFM 13 MAGTF Engineer Operations
7. FMFM 4-4 Engineer Operations
8. MCWP 3-17.3 MAGTF Breaching Operations
9. MCWP 4-11 Combat Service Support

**SUPPORT REQUIREMENTS:**

**RANGE/TRAINING AREA:**

Facility Code 17410 Maneuver/Training Area, Light Forces  
Facility Code 17420 Maneuver/Training Area, Heavy Forces

**EQUIPMENT:** Engineer Earthmoving equipment, Combat Engineer Breaching equipment

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**ENGR-MOBL-5709:** Construct combat roads

**SUPPORTED MET(S):** 2, 3

**EVALUATION-CODED:** YES

**SUSTAINMENT INTERVAL:** 12 months

**DESCRIPTION:** To create hasty expedient roads and trails.

**CONDITION:** Provided a mission order, commander's intent, a tactical situation, task organization of engineer equipment and personnel.

**STANDARD:** To create/repair/maintain expeditionary military roads (unimproved surface, Class C or D) that meets or exceeds the traffic support requirements in accordance with the commanders intent and the mobility plan.

**EVENT COMPONENTS:**

1. Conduct dust abatement as required.
2. Submit required reports.
3. Review mission directives to determine class of road.
4. Determine geometric criteria.
5. Determine structural criteria.
6. Determine construction criteria.
7. Conduct engineer reconnaissance and survey.
8. Task organize.
9. Coordinate with supporting units.
10. Issue order.
11. Conduct site preparations as required.
12. Conduct rough grading as required.
13. Cut and fill as required.
14. Conduct soil stabilization as required.
15. Shape road.
16. Construct drainage structures as required.
17. Surface road as required.

**REFERENCES:**

1. FM 5-101 Mobility
2. FM 5-101-5-1 Operational Terrain and Symbols
3. FM 5-170 Engineer Reconnaissance
4. FM 5-250 Explosives and Demolitions
5. FM 5-335 Drainage
6. FM 5-34 Engineer Field Data - Field Expedient Charges
7. FM 5-412 Project Management
8. FM 5-430-00-1, Volume 1 Planning and Design of Roads, Airbases, and Heliports in the Theater of Operations
9. FM 5-430-00-2 Planning and design of roads, airfields, and heliports in the theater of operations--Airfield and Heliport design
10. FM 5-434 Earthmoving Operations
11. GTA 5-2-5 Engineer Reconnaissance
12. MCWP 3-17 Engineer Operations
13. MCWP 4-11 Combat Service Support

**SUPPORT REQUIREMENTS:**

**RANGE/TRAINING AREA:**

Facility Code 17420 Maneuver/Training Area, Heavy Forces  
Facility Code 17410 Maneuver/Training Area, Light Forces  
Facility Code 17413 Field Training Area  
Facility Code 17918 Road/Airfield Construction Training Site

**EQUIPMENT:** Engineer earthmoving equipment, Combat engineer equipment

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**ENGR-MOBL-5801:** Conduct obstacle breaching operations

**SUPPORTED MET(S):** 2, 5

**EVALUATION-CODED:** YES

**SUSTAINMENT INTERVAL:** 6 months

**DESCRIPTION:** Breaching operations are conducted to allow maneuver despite the presence of obstacles. Obstacle breaching is the employment of a combination of tactics and techniques to advance an attacking force to the far side of an obstacle that is covered by fire.

**CONDITION:** Given a mission, commander's intent, a map, designated area, tasked organized personnel, equipment, and references.

**STANDARD:** To breach lanes through enemy obstacles to support the commander's intent and concept of operations.

**EVENT COMPONENTS:**

1. Analyze obstacle intelligence.
2. Gather obstacle intelligence as required.
3. Determine breach requirement.
4. Task organize obstacle clearing detachment(s) (OCD).
5. Coordinate suppression of enemy over-watching obstacle.
6. Coordinate obscuration of enemy over-watching obstacle.
7. Coordinate security for breach lanes.
8. Coordinate breach with assault force, support force, and support breach team(s).
9. Verify suppression/obscuration effects.
10. Breach lanes through obstacle(s).
11. Submit required reports.
12. Turnover lane(s) to designated forces.
13. Reconstitute the breach force.

**REFERENCES:**

1. FM 3-34.119 Improvised Explosive Device (IED) Defeat
2. FM 3-34.210 Explosive Hazard Operations
3. FM 3-34.214 Explosives and Demolitions
4. FM 5-100 Engineers in Combat Operations
5. FM 5-101 Mobility
6. FM 5-34 Engineer Field Data - Field Expedient Charges
7. FM 90-13-1 Combined Arms Breaching Operations
8. MCRP 3-17A Engineer Field Data
9. MCRP 3-17B Engineer Forms and Reports
10. MCWP 3-17 Engineer Operations
11. MCWP 3-17.3 Breaching Operations
12. MCWP 3-17.3 MAGTF Breaching Operations

**SUPPORT REQUIREMENTS:**

**ORDNANCE:**

**DODIC Quantity**

J143 Rocket Motor, 5-inch MK22 Mod 4  
M913 Charge, Demolition High Explosive Li  
M914 Charge, Demolition Inert Linear M68A



**RANGE/TRAINING AREA:**

Facility Code 17420 Maneuver/Training Area, Heavy Forces  
Facility Code 17931 Medium/Heavy Equipment Training Area  
Facility Code 17410 Maneuver/Training Area, Light Forces  
Facility Code 17413 Field Training Area

**EQUIPMENT:** Combat Engineer Breaching equipment, Engineer Earthmoving equipment, Engineer Material Handling equipment

**UNITS/PERSONNEL:** Range Safety officer, Corpsman

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**ENGR-RECN-5401:** Conduct engineer reconnaissance

**SUPPORTED MET(S):** 2, 5

**EVALUATION-CODED:** YES

**SUSTAINMENT INTERVAL:** 6 months

**DESCRIPTION:** To conduct a directed effort to obtain detailed engineer information within/along designated routes, zones, and/or areas.

**CONDITION:** Given a mission, commander's intent, task organization of personnel and equipment, and references.

**STANDARD:** To gather all relevant engineer data, and produce an engineer estimate (or designated products IAW unit SOPs or guidance) to support the concept of operations and in accordance with commander's intent.

**EVENT COMPONENTS:**

1. Review reconnaissance plan.
  2. Analyze support requirements and location(s).
  3. Conduct final coordination with supporting units (logistics, etc).
  4. Conduct zone reconnaissance as required.
  5. Conduct area reconnaissance as required.
  6. Conduct route reconnaissance as required.
  7. Submit required reports.
  8. Conduct final coordination with supported unit (location, requirements, security, ground guides, etc.).
- 

**ENGR-RECN-5901:** Conduct cache sweep operations

**SUPPORTED MET(S):** 2, 5, 9

**EVALUATION-CODED:** NO

**SUSTAINMENT INTERVAL:** 6 months

**DESCRIPTION:** Items in a cache may include (but is not limited to): documents, discs, tapes, weapons, explosives, ammunition, chemical materials, bombs, electronic equipment, etc. Appropriate safety and evidentiary preservation measures should be employed during cache sweeps.

**CONDITION:** Provided a mission, designated area/building to search for known,

potential, or suspected materials that may be used against friendly forces or be of intelligence value.

**STANDARD:** in order to detect, identify, and secure materials discovered during the course of the search in accordance with the commanders intent.

**EVENT COMPONENTS:**

1. Analyze search area intelligence.
2. Tasks organize.
3. Coordinate with supported unit.
4. Coordinate with supporting units.
5. Detect cache within search area.
6. Identify items within cache(s).
7. Mark cache(s) as required.
8. Reduce captured enemy ammunition as required.
9. Verify cache reduction.
10. Coordinate explosive ordnance disposal activities as required.
11. Coordinate weapons intelligence team activities as required.
12. Coordinate with other specialist personnel as required.
13. Submit required reports.

**REFERENCES:**

1. FM 3-34.119 Improvised Explosive Device (IED) Defeat
2. FM 3-34.210 Explosive Hazard Operations
3. FM 3-34.214 Explosives and Demolitions
4. MCRP 3-17.2 Multiservice Procedures for Explosive Ordnance Disposal (NTTP) in a Joint Environment
5. MCRP 3-17A Engineer Field Data
6. MCWP 3-17 Engineer Operations
7. MCWP 3-17.4 Engineer Reconnaissance

**SUPPORT REQUIREMENTS:**

**ORDNANCE:**

**DODIC Quantity**

M023 Charge, Demolition Block M112 1-1/4  
M130 Cap, Blasting Electric M6  
M131 Cap, Blasting Non-Electric M7  
M456 Cord, Detonating PETN Type I Class E  
M670 Fuse, Blasting Time M700  
MN08 Igniter, Time Blasting Fuse with Sho

**RANGE/TRAINING AREA:** Facility Code 17830 Light Demolition Range

**EQUIPMENT:** Combat engineer tools and kits

**UNITS/PERSONNEL:** Explosive ordnance disposal personnel, Weapons intelligence team, Corpsman

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**ENGR-SURV-5401:** Construct survivability positions

**SUPPORTED MET(S):** 3, 8

**EVALUATION-CODED:** YES

**SUSTAINMENT INTERVAL:** 6 months

**DESCRIPTION:** To construct positions designed to reduce the vulnerability of personnel, equipment, weapons, and supplies to enemy fire and as a means to enhance force protection. Positions may include fighting and protective positions.

**CONDITION:** Provided a mission, commander's intent, reconnaissance reports, survivability plan, a task organization of personnel and equipment, and references.

**STANDARD:** That meets the mission requirements and supports the concept of operations in accordance with the commander's intent.

**EVENT COMPONENTS:**

1. Conduct engineer reconnaissance and survey.
2. Coordinate with supported unit for specific position placement and requirements.
3. Harden existing structure(s) as required.
4. Emplace pre-fabricated barriers as required
5. Construct field fortification as required.
6. Construct Vehicle Control Point (VCP) as required.
7. Construct Entry Control Point (ECP) as required
8. Construct earth filled barrier/structure as required.
9. Construct individual fighting positions as required.
10. Construct vehicle fighting positions as required.
11. Construct vehicle survivability positions as required.
12. Construct revetment as required.
13. Construct crew-serve weapon positions as required.
14. Construct shelter/bunker as required.
15. Conduct earth moving operations as required.
16. Construct triggering screen as required.
17. Construct trench as required.
18. Wire position for electricity as required.
19. Submit required reports.
20. Plan survivability construction.
21. Analyze engagement areas, battle positions, and weapons location.
22. Coordinate resources for project.
23. Conduct site preparation.
24. Construct overhead cover as required.
25. Construct berms as required.

**REFERENCES:**

1. FM 21-75 Combat Skills of the Soldier
2. FM 3-06 Urban Operations
3. FM 3-07 Stability Operations (2008)
4. FM 5-100 Engineers in Combat Operations
5. FM 5-102 Countermobility
6. FM 5-103 Survivability
7. FM 5-170 Engineer Reconnaissance
8. FM 5-250 Explosives and Demolitions
9. FM 5-34 Engineering Field Data
10. FM 5-426 Carpentry
11. FM 90-3 Desert Operations

12. FM 90-5 Jungle Operations
13. FMFM 13 MAGTF Engineer Operations
14. FMFRP 12-51 Engineer Operations
15. JP 3-34 Engineer Doctrine for Joint Operations
16. MCRP 3-17A Engineer Field Data
17. MCWP 3-17 Engineer Operations
18. MCWP 3-41.1 Rear Area Operations
19. MCWP 4-11 Combat Service Support

**SUPPORT REQUIREMENTS:**

**EQUIPMENT:** Combat Engineer equipment, Engineer Earthmoving equipment, Material Handling equipment, Utilities equipment

**MATERIAL:** MAP, COMPASS, PROTRATOR, OVERLAY SHEETS, RECONNASAICE REPORTS

**MISCELLANEOUS:**

**ADMINISTRATIVE INSTRUCTIONS:** ORM

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**ENGR-SURV-5402:** Harden existing structure

**SUPPORTED MET(S):** 3, 9

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

**DESCRIPTION:** To harden positions in order to reduce the vulnerability of personnel, equipment, weapons, and supplies to enemy fire and as a means to enhance force protection.

**CONDITION:** Provided a mission, in an urban environment, commander's intent, reconnaissance reports, and survivability plan, a task organization of personnel and equipment, and references.

**STANDARD:** To harden an existing structure that meets the mission requirements and supports the concept of operations in accordance with the commander's intent.

**EVENT COMPONENTS:**

1. Plan structure hardening.
2. Conduct engineer reconnaissance and survey.
3. Analyze reconnaissance reports.
4. Coordinate with supported unit for specific position requirements.
5. Coordinate resources for project.
6. Conduct site preparation.
7. Construct perimeter security as required.
8. Shore walls/ floors/roofs as required.
9. Remove/reinforce windows as required.
10. Compartmentalize interior of structure as required.
11. Emplace prefabricated barriers as required.
12. Construct earth filled barrier/structure as required.
13. Conduct earthmoving operations as required.

14. Construct overhead cover as required.
15. Construct shelter/bunker as required.
16. Construct triggering screen as required.
17. Wire position for electricity as required.
18. Submit required reports.

**REFERENCES:**

1. FM 21-75 Combat Skills of the Soldier
2. FM 3-06 Urban Operations
3. FM 3-07 Stability Operations (2008)
4. FM 5-100 Engineers in Combat Operations
5. FM 5-102 Countermobility
6. FM 5-103 Survivability
7. MCRP 3-17A Engineer Field Data
8. MCWP 3-17.4 Engineer Reconnaissance

**SUPPORT REQUIREMENTS:**

**EQUIPMENT:** Engineer earthmoving equipment, Combat engineer tools & kits, Utilities equipment

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**ENGR-SURV-5403:** Construct field fortifications

**SUPPORTED MET(S):** 3, 9

**EVALUATION-CODED:** YES

**SUSTAINMENT INTERVAL:** 12 months

**DESCRIPTION:** To build field fortifications that reduce the vulnerability of personnel, equipment, weapons, and supplies to enemy fire, increase effectiveness of friendly weapons, and as a means to enhance force protection.

**CONDITION:** Provided a mission, commanders intent, reconnaissance reports, a task organization of personnel and equipment, and references.

**STANDARD:** That meets the mission requirements and supports the concept of operations in accordance with the commander's intent.

**EVENT COMPONENTS:**

1. Plan survivability construction.
2. Analyze engagement areas, battle positions, and weapons location.
3. Conduct engineer reconnaissance and survey.
4. Submit required reports.
5. Coordinate with supported unit for specific position placement and requirements.
6. Construct obstacles as required.
7. Conduct earthmoving operations as required.
8. Construct survivability positions as required.
9. Conduct vertical construction as required.

**REFERENCES:**

1. FM 21-75 Combat Skills of the Soldier

2. FM 3-06 Urban Operations
3. FM 3-07 Stability Operations (2008)
4. FM 5-101 Mobility
5. FM 5-102 Countermobility
6. FM 5-103 Survivability
7. MCRP 3-17A Engineer Field Data
8. MCWP 3-17.4 Engineer Reconnaissance

**SUPPORT REQUIREMENTS:**

**EQUIPMENT:** Engineer Earthmoving equipment, Combat engineer tools & kits

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**ENGR-XENG-5401:** Provide engineer equipment support

**SUPPORTED MET(S):** 1, 2, 3, 4, 5, 6, 7, 8, 9

**EVALUATION-CODED:** YES

**SUSTAINMENT INTERVAL:** 3 months

**DESCRIPTION:** To support the mission utilizing the required type(s) of Engineer equipment and personnel

**CONDITION:** Given a mission, a support plan, equipment availability, commander's intent, personnel and equipment, an area of operations or support, and references.

**STANDARD:** To provide support and IAW unit SOPs or guidance to support the concept of operations and in accordance with commander's intent.

**EVENT COMPONENTS:**

1. Coordinate with supporting units (logistics, etc).
2. Manage engineer equipment operations.
3. Conduct earthmoving operations as required.
4. Conduct material handling operations as required.
5. Conduct horizontal construction as required.
6. Conduct maintenance as required.
7. Recover engineer equipment as required.
8. Submit required reports.
9. Determine task organization required.
10. Coordinate with supported unit (location, requirements, security, ground guides, etc.).
11. Review equipment support plan.
12. Analyze support requirements and location(s).
13. Determine resources.
14. Determine schedule of work.

**REFERENCES:**

1. FM 100-10 Combat Service Support
2. FM 5-412 Project Management
3. FM 5-430-00-1, Volume 1 Planning and Design of Roads, Airbases, and Heliports in the Theater of Operations
4. FM 5-430-00-2 Planning and design of roads, airfields, and heliports in

- the theater of operations--Airfield and Heliport design
5. FM 5-434 Earthmoving Operations
  6. JP 3-34 Engineer Doctrine for Joint Operations
  7. MCRP 3-17A Engineer Field Data
  8. MCRP 3-17B Engineer Forms and Reports
  9. Appropriate Equipment Manual

**SUPPORT REQUIREMENTS:**

**EQUIPMENT:** Engineer equipment, Motor Transport equipment, Utilities equipment

**UNITS/PERSONNEL:** Engineer equipment maintainers, Utilities equipment maintainers

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**ENGR-XENG-5402:** Prepare Site for Construction

**SUPPORTED MET(S):** 2, 4, 5, 9

**EVALUATION-CODED:** NO

**SUSTAINMENT INTERVAL:** 12 months

**DESCRIPTION:** This task includes all types of vertical and horizontal construction- the mission will guide actual event components during execution.

**CONDITION:** Given a mission, a support plan, a site for construction or engineer operations, commander's intent, task organized personnel and equipment, and references.

**STANDARD:** To prepare a site for construction IAW unit capabilities, SOPs or guidance to support the concept of operations and in accordance with commander's intent.

**EVENT COMPONENTS:**

1. Conduct demolition operations as required.
2. Conduct material handling operations as required.
3. Conduct vertical construction operations as required.
4. Submit required reports.
5. Review construction site plan.
6. Conduct final coordination with supported unit (location, requirements, security, ground guides, etc.).
7. Conduct final coordination with supporting units (logistics, etc).
8. Conduct earthmoving operations as required.
9. Analyze support requirements and location(s).
10. Move to site.
11. Provide utilities support as required.

**REFERENCES:**

1. FM 3-34.471 Plumbing, Pipefitting, and Sewerage
2. FM 5-33 Terrain Analysis
3. FM 5-335 Drainage
4. FM 5-412 Project Management

5. FM 5-434 Earthmoving Operations
6. MCRP 3-17A Engineer Field Data
7. MCRP 3-17B Engineer Forms and Reports
8. MCWP 3-17 Engineer Operations
9. MCWP 3-17.4 Engineer Reconnaissance

**SUPPORT REQUIREMENTS:**

**EQUIPMENT:** Engineer Earthmoving equipment, Material Handling equipment, Motor Transportation equipment, Utilities equipment

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**ENGR-XENG-5501:** Conduct Horizontal Construction

**SUPPORTED MET(S):** 2, 3, 4, 5, 9

**EVALUATION-CODED:** YES

**SUSTAINMENT INTERVAL:** 3 months

**DESCRIPTION:** In order to meet operational requirements of the MAGTF horizontal construction is conducted to shape the terrain for various projects such as but not limited to MSR construction and/or maintenance, expeditionary airfields, site preparation for bed down facilities, and ordnance storage facilities.

**CONDITION:** Given a mission, commanders intent, tactical situation, a map, task organized equipment and personnel, design specifications, construction materials and references.

**STANDARD:** To create the assigned project that meets or exceed the requirements listed in the design specifications and the commander's intent.

**EVENT COMPONENTS:**

1. Construct drainage structures as required.
2. Construct expeditionary airfield as required.
3. Construct non-explosive obstacles as required.
4. Submit required reports.
5. Plan horizontal construction.
6. Conduct engineer reconnaissance and survey.
7. Coordinate horizontal construction.
8. Conduct site preparation.
9. Construct road(s) as required.
10. Construct tactical landing zones as required.
11. Conduct dust abatement as required.
12. Conduct beachhead improvement as required.
13. Construct expedient HLZ as required.

**REFERENCES:**

1. FM 5-101 Mobility
2. FM 5-101-5-1 Operational Terrain and Symbols
3. FM 5-103 Survivability
4. FM 5-170 Engineer Reconnaissance
5. FM 5-335 Drainage
6. FM 5-34 Engineering Field Data



7. FM 5-412 Project Management
8. FM 5-428 Concrete Masonry
9. FM 5-430-00-1, Volume 1 Planning and Design of Roads, Airbases, and Heliports in the Theater of Operations
10. FM 5-430-00-2 Planning and design of roads, airfields, and heliports in the theater of operations--Airfield and Heliport design
11. FM 5-434 Earthmoving Operations
12. JP 3-34 Engineer Doctrine for Joint Operations
13. MCWP 3-17 Engineer Operations
14. MCWP 3-17.4 Engineer Reconnaissance
15. MCWP 3-41.1 Rear Area Operations

**SUPPORT REQUIREMENTS:**

**RANGE/TRAINING AREA:**

Facility Code 17413 Field Training Area  
Facility Code 17931 Medium/Heavy Equipment Training Area  
Facility Code 17420 Maneuver/Training Area, Heavy Forces

**EQUIPMENT:** Engineer Earthmoving equipment, Material Handling equipment, Utilities equipment

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**ENGR-XENG-5701:** Conduct Vertical Construction

**SUPPORTED MET(S):** 2, 3, 4, 5, 6, 9

**EVALUATION-CODED:** NO

**SUSTAINMENT INTERVAL:** 12 months

**DESCRIPTION:** To conduct vertical construction is to build or provide improvements to existing structures or construction of base camps, command posts, and maintenance facilities for use by the MAGTF.

**CONDITION:** Given a mission, commanders intent, tactical situation, task organized equipment and personnel, design specifications, construction materials and appropriate references.

**STANDARD:** To build/improve facilities that meet the requirement listed in the design specification and in accordance with the commander's intent.

**EVENT COMPONENTS:**

1. Wire structure for electricity as required.
2. Submit required reports.
3. Construct manufactured steel structure as required.
4. Construct wood frame structure as required.
5. Construct timber structure as required.
6. Construct concrete structure as required.
7. Construct drainage structure as required.
8. Plumb structure as required.
9. Plan vertical construction.
10. Conduct engineer reconnaissance and survey.
11. Coordinate resources for project.
12. Conduct site preparation.

13. Construct concrete block structure as required
14. Repair facility as required.
15. Erect prefabricated structure as required.

**REFERENCES:**

1. FM 21-10 Field Hygiene and Sanitation
2. FM 21-75 Combat Skills of the Soldier
3. FM 3-06 Urban Operations
4. FM 3-07 Stability Operations (2008)
5. FM 3-34.471 Plumbing, Pipefitting, and Sewerage
6. FM 5-163 Sewerage
7. FM 5-335 Drainage
8. FM 5-34 Engineering Field Data
9. FM 5-412 Project Management
10. FM 5-426 Carpentry
11. FM 5-428 Concrete Masonry
12. FM 5-430-00-1, Volume 1 Planning and Design of Roads, Airbases, and Heliports in the Theater of Operations
13. FM 5-430-00-2 Planning and design of roads, airfields, and heliports in the theater of operations--Airfield and Heliport design
14. FM 5-434 Earthmoving Operations
15. FM 5-553 General Drafting
16. GTA 5-7-13 Bridge Classification Booklet
17. GTA 5-7-6 Bridge Design Card
18. JP 3-15 Joint Doctrine for Barriers, Obstacles, and Mine Warfare
19. JP 3-34 Engineer Doctrine for Joint Operations
20. MCWP 3-17 Engineer Operations
21. MCWP 4-11 Combat Service Support
22. TM 5-232 Elements of Construction Surveying
23. TM 5-760 Interior Wiring

**SUPPORT REQUIREMENTS:**

**RANGE/TRAINING AREA:**

Facility Code 17410 Maneuver/Training Area, Light Forces  
Facility Code 17420 Maneuver/Training Area, Heavy Forces

**EQUIPMENT:** Engineer Earthmoving equipment, Material Handling equipment, Motor Transportation equipment

**MATERIAL:** Vertical construction building materials

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**FMS-HSS-5003:** Provide Level I HSS

**SUPPORTED MET(S):** 2

**EVALUATION-CODED:** YES

**SUSTAINMENT INTERVAL:** 12 months

**DESCRIPTION:** The STP will perform routine and emergency medical/dental care.

**CONDITION:** Given a mission, available personnel, supplies and casualties.

**STANDARD:** Appropriate Level I care is performed.

**EVENT COMPONENTS:**

1. Perform sick call and basic first aid.
2. Perform emergency dental care.
3. Perform emergency life saving procedures/measures.

**RELATED EVENTS:**

FMST-HSS-2404	FMSO-EVAC-1411	FMST-HSS-2402
FMST-HSS-2401	FMST-HSS-1422	FMST-HSS-1421
FMST-HSS-1420	FMST-HSS-1419	FMST-HSS-1418
FMST-HSS-2405	FMST-HSS-1416	FMST-HSS-1415
FMST-HSS-1414	FMST-HSS-1413	FMST-HSS-1412
FMST-HSS-1411	FMST-HSS-1410	FMST-HSS-1409
FMST-HSS-1408	FMST-HSS-1407	FMST-HSS-1406
FMST-HSS-1405	FMST-HSS-1404	FMST-HSS-1403
FMST-HSS-1402	FMST-HSS-1401	FMSO-HSS-2809
FMSO-HSS-2808	FMSO-HSS-2807	FMSO-HSS-2806
FMSO-HSS-2805	FMSO-HSS-2804	FMSO-HSS-2803
FMSO-HSS-2802	FMSO-HSS-2801	FMSO-HSS-1410
FMSO-HSS-1409	FMSO-HSS-1408	FMSO-HSS-1407
FMSO-HSS-1406	FMSO-HSS-1405	FMSO-HSS-1404
FMSO-HSS-1403	FMSO-HSS-1402	FMSO-HSS-1401
FMST-EVAC-1423	FMST-HSS-2403	

**REFERENCES:**

1. MCWP 4-11.1 Health Service Support Operations
2. MCWP 4-11.2 Patient Movement
3. Prehospital Trauma Life Support (PHTLS). National Association of Emergency Medical Technicians: current edition.

**SUPPORT REQUIREMENTS:**

**RANGE/TRAINING AREA:** Facility Code 17413 Field Training Area

**EQUIPMENT:** AMALs/ADALs

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**FUEL-XENG-5502:** Maintain Bulk Fuel Petroleum Distribution Site

**SUPPORTED MET(S):** 7

**EVALUATION-CODED:** NO

**SUSTAINMENT INTERVAL:** 12 months

**DESCRIPTION:** Employ tactical fuel systems, to include: Expedient Refueling System (ERS), Ground Expedient Refueling System (GERS), SIX-CON Pump and Tank Module, MK970 Semi-Trailer Tank (5K) and MK931 Truck Tractor (7 Ton), Helicopter Expedient Refueling System (HERS), and the Tactical Airfield Fuel Dispensing System (TAFDS).

**CONDITION:** With a bulk petroleum distribution plan, bulk petroleum supply, distribution system, safety equipment and personnel.

**STANDARD:** To dispense fuel in order to meet mission requirements.

**EVENT COMPONENTS:**

1. Coordinate with supported unit.
2. Determine personnel, tools, and equipment requirement(s).
3. Survey proposed area and prepare site.
4. Construct tactical fuel system (TFS) (mission dependant).
5. Place environmental control devices.
6. Place firefighting equipment.
7. Ensure quality control measures are in compliance.
8. Conduct bulk fuel operations.
9. Implement inventory control procedures.
10. Provide reports as required.

**REFERENCES:**

1. FM 10-69 Petroleum Supply Point Equipment and Operations
2. MCWP 4-11 Combat Service Support
3. MCWP 4-11.6 Petroleum and Water Logistics Operations
4. MIL STD 3004 Quality Surveillance Handbook for Fuels, Lubricants and Related Products
5. NAVAIR 00-80T-109 Aircraft Refueling NATOPS Manual
6. TM 3835-OI/1 Marine Corps Tactical Fuel Systems
7. UNIT SOP Unit's Standing Operating Procedures

**SUPPORT REQUIREMENTS:**

**RANGE/TRAINING AREA:** Facility Code 17933 POL Training Area

**EQUIPMENT:** Tactical Fuel System (TFS), Engineer Material Handling Equipment (MHE) and operators, motor transport equipment and operators, and personal protective equipment (PPE).

**MISCELLANEOUS:**

**ADMINISTRATIVE INSTRUCTIONS:** Other personnel required: Corpsman and security personnel.

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**INF-MAN-5107:** React to a meeting engagement (B)

**SUPPORTED MET(S):** 1

**EVALUATION-CODED:** NO

**SUSTAINMENT INTERVAL:** 6 months

**DESCRIPTION:** The unit is conducting a tactical movement. Elements have either observed or been engaged by enemy forces. The enemy can be moving or stationary.

**CONDITION:** Given a reinforced rifle platoon, an assigned mission.

**STANDARD:** The unit reacts to the enemy and the situation based on the commander's intent, maintaining control of all elements and awareness of subordinate and adjacent unit positions and actions.

**EVENT COMPONENTS:**

1. React per developed Standard Operating Procedures (SOPs), rehearsed immediate action drills, or in accordance with commander's intent.
2. Elements maintain awareness of adjacent unit locations.
3. Forward an initial SITREP.
4. Determine the enemy's location and disposition.
5. Set conditions to support follow on operations.
6. Conduct an assessment of the situation and issue a verbal fragmentary order that specifies an objective and provides control measures.
7. Consolidate, reorganize, and submit reports per Standard Operating Procedures.

**RELATED EVENTS:** INF-MAN-6108

**REFERENCES:**

1. FMFM 6-4 Marine Rifle Company/Platoon

**SUPPORT REQUIREMENTS:**

**ORDNANCE:**

**DODIC Quantity**

A059 Cartridge, 5.56mm Ball M855 10/Clip 40

A064 Cartridge, 5.56mm 4 Ball M855/1 Tracer 120

**RANGE/TRAINING AREA:**

Facility Code 17410 Maneuver/Training Area, Light Forces

Facility Code 17430 Impact Area Dudded

Facility Code 17581 Machine Gun Field Fire Range

Facility Code 17631 Light Antiarmor Weapons Range Live

Facility Code 17670 Mortar Range

Facility Code 17671 Field Artillery Indirect Fire Range

Facility Code 17730 Fire And Movement Range

Facility Code 17936 Close Air Support Range

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**INF-MAN-5132:** Conduct a defense (D)

**SUPPORTED MET(S):** 2

**EVALUATION-CODED:** NO

**SUSTAINMENT INTERVAL:** 6 months

**CONDITION:** Given a platoon with a fighting load and a mission.

**STANDARD:** To support the company scheme of maneuver.

**EVENT COMPONENTS:**

1. Conduct BAMCIS.
2. Establish local security plan.
3. Determine tactical control measures.
4. Establish target precedence list.
5. Develop engagement/disengagement criteria.
6. Set rates of fire for all weapons.
7. Consolidate subordinate fire plan sketches into one fire plan sketch and

- submit the platoon sketch to higher headquarters.
8. Report information acquired by security elements to higher headquarters.
  9. Implement priorities of work (S.A.F.E.).
  10. Execute continuing actions.

**RELATED EVENTS:** INF-MAN-6131 INF-MAN-4132

**REFERENCES:**

1. FMFM 6-4 Marine Rifle Company/Platoon
2. MCRP 3-11.1A Commander's Tactical Handbook
3. MCWP 3-11.2 Marine Rifle Squad

**SUPPORT REQUIREMENTS:**

**ORDNANCE:**

**DODIC Quantity**

A059 Cartridge, 5.56mm Ball M855 10/Clip 40 per wpn  
B519 Cartridge, 40mm Target Practice M781 3 per wpn

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

**OTHER SUPPORT REQUIREMENTS:** 1. Training areas that support pyrotechnics.  
2. Live fire and maneuver range.

**MISCELLANEOUS:**

**ADMINISTRATIVE INSTRUCTIONS:** 1. Small arms to build range cards, assuming 4 TRPs, 1 FPL or PDF. 2. All environments applicable (i.e., urban).

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**INF-WPNS-5309:** Employ an anti-armor section/platoon in support of defensive operations (D)

**SUPPORTED MET(S):** 2

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

**CONDITION:** Given an operation order to participate in defensive operations, operating independently, indirect support, or attached to another unit.

**STANDARD:** The unit issues an order, makes necessary adjustments to the plan as the situation develops and changes, completes the priorities of work by the time specified, maintains security, and coordinates mutually supporting fires, achieving the commander's intent.

**EVENT COMPONENTS:**

1. In accordance with the operation order, coordinate and occupy defensive positions that are integrated with the direct, indirect fire, and obstacle plans.
2. Unit issues order, which at a minimum includes specific instructions on the mission, intent, control and coordinating measures, fire pattern and priority, fires in support, obstacles/barriers, engagement and disengagement

- criteria, trigger point/lines, maximum and minimum engagement lines, and friendly positions.
3. Fire plan sketches are compiled and submitted to higher and/or supported units.
  4. Weapons are assigned primary and alternate positions that provide observation over the main avenues of approach, range is known to likely engagement points, and security is coordinated for the crew-served weapons positions.
  5. Coordinate, control, and integrate fires to defeat the enemy's assault.
  6. Process casualties and detainees as required.
  7. Submit reports to higher headquarters as required.

**RELATED EVENTS:** INF-0352-4100            INF-0352-5100

**REFERENCES:**

1. FM 17-97 Cavalry Troop
2. FM 17-98 Scout Platoon
3. FMFM 6-3 Marine Infantry Battalion
4. FMFM 6-4 Marine Rifle Company/Platoon
5. MCWP 3-11.2 Marine Rifle Squad
6. MCWP 3-15.5 Anti-armor Operations

**SUPPORT REQUIREMENTS:**

**RANGE/TRAINING AREA:**

Facility Code 17430 Impact Area Dudded  
Facility Code 17581 Machine Gun Field Fire Range  
Facility Code 17610 Grenade Launcher Range  
Facility Code 17410 Maneuver/Training Area, Light Forces  
Facility Code 17631 Light Antiarmor Weapons Range Live

**OTHER SUPPORT REQUIREMENTS:** 1. Crew-served weapons. 2. Live fire range for anti-armor weapons (Javelin, TOW) and machineguns (M2, MK19) with stationary and moving vehicle targets at ranges of 300 to 3750 meters

**MISCELLANEOUS:**

**ADMINISTRATIVE INSTRUCTIONS:** 1. Unit may be supported by attachments to form combined anti-armor teams (i.e., Heavy machineguns). 2. Unit can be mounted or dismounted

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**LAR-DEF-5091:** Conduct a screen

**SUPPORTED MET(S):** 3, 4, 5, 7

**EVALUATION-CODED:** NO

**SUSTAINMENT INTERVAL:** 6 months

**CONDITION:** Given an Operations Order, a moving or stationary unit, and an enemy threat.

**STANDARD:** To protect a moving or stationary force from enemy reconnaissance or contact.

**EVENT COMPONENTS:**

1. Report all threat activity to higher headquarters.
2. Maintain continuous surveillance of all avenues of approach within sector.
3. Destroy or repel enemy reconnaissance units within capability.
4. Locate the lead enemy unit of each suspected advance guard formation and determine its direction of movement.
5. Gain and maintain contact with the enemy and report their activity.
6. Delay, impede, and or attrite enemy force by employing direct and indirect fire support.
7. Do not become decisively engaged unless directed.
8. Be prepared to conduct a battle handover as necessary.
9. Plan the screen mission, incorporating fire support, employment of C4I assets, and logistical support.

**REFERENCES:**

1. FM 3-20.98 Reconnaissance Platoon

**SUPPORT REQUIREMENTS:**

**ORDNANCE:**

**DODIC Quantity**

A111 Cartridge, 7.62mm Blank M82 Linked	2800
A131 Cartridge, 7.62mm 4 Ball M80/1 Trace	2800
A940 Cartridge, 25mm TPDS-T M910 Linked	1400
A976 Cartridge, 25mm TP-T M793 Linked	1400
C869 Cartridge, 81mm HE M889/M889A1 with	50
C871 Cartridge, 81mm Illuminating M853A1	8
G826 Grenade, Launcher Smoke Infrared Scr	112

**RANGE/TRAINING AREA:**

Facility Code 17413 Field Training Area  
Facility Code 17721 Tank/Fighting Vehicle Multipurpose Range Complex  
Facility Code 17631 Light Antiarmor Weapons Range Live  
Facility Code 17640 Antiarmor Tracking And Live-Fire Range  
Facility Code 17641 Automated Antiarmor Tracking And Live-Fire Range  
Facility Code 17760 MOUT Assault Course (MAC)  
Facility Code 17641 Automated Antiarmor Tracking And Live-Fire Range  
Facility Code 17963 MOUT Collective Training Facility (Large)  
Facility Code 17420 Maneuver/Training Area, Heavy Forces  
Facility Code 17410 Maneuver/Training Area, Light Forces

**OTHER SUPPORT REQUIREMENTS:** 1. Battle Simulation Center. 2. Advance Gunnery Training (AGTS)

**MISCELLANEOUS:**

**ADMINISTRATIVE INSTRUCTIONS:** This task may be accomplished to standard utilizing simulation.

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**LAR-DEF-5092:** Establish a platoon battle position

**SUPPORTED MET(S):** 4, 5



EVALUATION-CODED: YES SUSTAINMENT INTERVAL: 6 months

CONDITION: Given an operations order and key terrain

STANDARD: In order to defend and repel against an enemy attack

EVENT COMPONENTS:

1. Direct the assignment of sectors of fires.
2. Assign alternate/supplemental vehicle positions.
3. Assign primary vehicle positions.
4. Establish route of withdrawal.
5. Coordinate supporting fires.
6. Coordinate with adjacent units.
7. Prepare for combat.

REFERENCES:

1. FM 3-20.98 Reconnaissance Platoon

SUPPORT REQUIREMENTS:

ORDNANCE:

DODIC Quantity

A059 Cartridge, 5.56mm Ball M855 10/Clip 1440  
A063 Cartridge, 5.56mm Tracer M856 Single 360  
A064 Cartridge, 5.56mm 4 Ball M855/1 Tracer 2400  
A075 Cartridge, 5.56mm Blank M200 Linked 2400  
A080 Cartridge, 5.56mm Blank M200 Single 1440  
A112 Cartridge, 7.62mm Blank M82 2800  
A131 Cartridge, 7.62mm 4 Ball M80/1 Trace 2800  
A358 Cartridge, 9mm TP-T M939 for AT-4 Tr 8  
A940 Cartridge, 25mm TPDS-T M910 Linked 700  
A976 Cartridge, 25mm TP-T M793 Linked 700  
B519 Cartridge, 40mm Target Practice M781 120  
B535 Cartridge, 40mm White Star Parachute 75  
C869 Cartridge, 81mm HE M889/M889A1 with 40  
C870 Cartridge, 81mm Smoke Red Phosphorus 16  
C871 Cartridge, 81mm Illuminating M853A1 20  
C995 Cartridge and Launcher, 84mm M136 AT 2  
HA21 Rocket, 21mm Sub-Caliber, M72AS Trai 4  
HX07 Rocket, 83mm HEAA Practice MK7 Mod 0 2

RANGE/TRAINING AREA:

Facility Code 17721 Tank/Fighting Vehicle Multipurpose Range Complex  
Facility Code 17631 Light Antiarmor Weapons Range Live  
Facility Code 17640 Antiarmor Tracking And Live-Fire Range  
Facility Code 17641 Automated Antiarmor Tracking And Live-Fire Range  
Facility Code 17660 Tank/Fighting Vehicle Stationary Gunnery Range  
Facility Code 17730 Fire And Movement Range  
Facility Code 17760 MOUT Assault Course (MAC)  
Facility Code 17963 MOUT Collective Training Facility (Large)  
Facility Code 17420 Maneuver/Training Area, Heavy Forces  
Facility Code 17410 Maneuver/Training Area, Light Forces  
Facility Code 17413 Field Training Area

OTHER SUPPORT REQUIREMENTS: Battle Simulation Center

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: This task may be accomplished to standard utilizing simulation.

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LAR-MNVR-5001: Perform a zone reconnaissance

SUPPORTED MET(S): 3, 5, 6

EVALUATION-CODED: YES                      SUSTAINMENT INTERVAL: 6 months

CONDITION: Given an Operation Order.

STANDARD: To provide critical information to higher.

EVENT COMPONENTS:

1. Reconnoiter all terrain within the zone.
2. Inspect and classify all bridges in zone.
3. Locate fords and crossing sites near all bridges in the zone.
4. Inspect and classify all over passes under passes and culverts in zone.
5. Within capability, locate all minefields and other obstacles in the zone, reduce or breach them and clear and mark lanes through the obstacles.
6. Locate bypasses around built up areas, obstacles and contaminated areas.
7. Find and report all threat forces in the zone.
8. Report reconnaissance information.

CHAINED EVENTS:

LAR-MNVR-4006            LAR-MNVR-4001            LAR-MNVR-3001  
0313-RECN-2103

REFERENCES:

1. FM 3-20.98 Reconnaissance Platoon
2. MCWP 3-14.1 Light Armored Vehicle-25 Gunnery and Employment

SUPPORT REQUIREMENTS:

RANGE/TRAINING AREA:

Facility Code 17730 Fire And Movement Range  
Facility Code 17410 Maneuver/Training Area, Light Forces  
Facility Code 17721 Tank/Fighting Vehicle Multipurpose Range Complex  
Facility Code 17413 Field Training Area  
Facility Code 17420 Maneuver/Training Area, Heavy Forces

OTHER SUPPORT REQUIREMENTS: OTHER SUPPORT REQUIREMENTS: Battle Simulation Center

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: This task may be accomplished to standard utilizing simulation.

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LAR-OFF-5202: Support an attack

SUPPORTED MET(S): 1, 3, 5

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

CONDITION: An LAR platoon is in direct support of a company sized unit and is directed to provide supporting fires for moving (supported) friendly elements. Threat contact is expected.

STANDARD: The platoon must comply with the supported commander's order and intent. The platoon assumes a position from which it can provide supporting fires for the supported element. The platoon suppresses and, within its capabilities, destroys threat elements that could effect accomplishment of the supported elements mission. The platoon maintains situational awareness and communications with the supported force and warns of its lapses in overwatch coverage.

EVENT COMPONENTS:

1. Direct platoon to occupy designated support by fire position.
2. Platoon maneuvers and occupies support by fire position.
3. Platoon acquires, suppresses, and or destroys identified threat elements.
4. Platoon prevents threat forces from placing accurate fires against the supported force.
5. Shifts or ceases fires as necessary to suppress or destroy identified threat elements.
6. Issue fragmentary order.

REFERENCES:

1. FM 3-20.98 Reconnaissance Platoon
  2. FMFM 6-4 Marine Rifle Company/Platoon
- 

LOG-OPS-5004: Conduct beach operations

SUPPORTED MET(S): None

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

CONDITION: Given personnel, equipment, a load plan, and loading sequence/landing serial table.

STANDARD: In order to support movement timeline, maintaining safety and accountability.

EVENT COMPONENTS:

1. Direct passenger movement.
2. Report onload/offload status of personnel and equipment.
3. Conduct beach reconnaissance.
4. Setup up beach landing zone.
5. Establish communications.
6. Establish staging/call forward area.
7. Employ In-transit-visibility (ITV).

8. Direct equipment movement.
9. Assign responsibilities.
10. Identify beach landing zone(s).

**REFERENCES:**

1. MCRP 3-31.1A Employment of Landing Craft Air Cushion (LCAC)
2. MCRP 3-31B Amphibious Ships and Landing Craft
3. MCRP 4-11.3 Transportation Operations
4. MCRP 4-11.3D/NWP 22.5 The Naval Beach Group
5. MCRP 4-11.3F Convoy Operations Handbook
6. MCRP 4-11.3 G Unit Embarkation Handbooks
7. MCRP 4-11C Combat Cargo Operations Handbook
8. MCWP 3-31.5 Ship-to-Shore Movement
9. MCWP 3-31.5/FMFM 1-8 Ship-to-Shore Movement
10. MCWP 3-31B Amphibious Ships and Landing Craft Data Book
11. MCWP 3-32 Maritime Pre-positioning Force (MPF) Operations
12. MCWP 4-1 Logistics Operations
13. MCWP 4-11 Tactical-Level Logistics
14. MCWP 4-11.3 Transportation Operations
15. MCWP 4-11.6 Petroleum and Water Logistics Operations
16. MCWP 4-12 Operational-Level Logistics
17. MCWP-11.9 Combat Cargo Operation

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**LOG-OPS-5005:** Conduct landing force support party (LFSP) operations

**SUPPORTED MET(S):** None

**EVALUATION-CODED:** NO

**SUSTAINMENT INTERVAL:** 12 months

**CONDITION:** Given a beach/port, personnel and equipment, movement data, personnel and equipment to be moved.

**STANDARD:** To facilitate the landing and movement of personnel, supplies and equipment across the beach into a vertical landing zone or through a port.

**EVENT COMPONENTS:**

1. Coordinate with external agencies.
2. Conduct liaison with assigned units.
3. Establish communications requirements.
4. Conduct a BOG.
5. Conduct a POG.
6. Conduct HST operations.
7. Conduct beach salvage operations.
8. Conduct evacuation of casualties and Enemy Prisoners of War (EPW).
9. Facilitate the establishment of the Combat Service Support (CSS) elements.
10. Complete documentation.
11. Complete required reports.

**REFERENCES:**

1. MCRP 3-31.1A Employment of Landing Craft Air Cushion (LCAC)
2. MCRP 3-31B Amphibious Ships and Landing Craft
3. MCRP 4-11.3 Transportation Operations

4. MCRP 4-11.3D/NWP 22.5 The Naval Beach Group
  5. MCRP 4-11.3F Convoy Operations Handbook
  6. MCRP 4-11.3G Unit Embarkation Handbook
  7. MCRP 4-11C Combat Cargo Operations Handbook
  8. MCWP 3-31.5 Ship-to-Shore Movement
  9. MCWP 3-31.5/FMFM 1-8 Ship-to-Shore Movement
  10. MCWP 3-31B Amphibious Ships and Landing Craft Data Book
  11. MCWP 3-32 Maritime Pre-positioning Force (MPF) Operations
  12. MCWP 4-1 Logistics Operations
  13. MCWP 4-11 Tactical-Level Logistics
  14. MCWP 4-11.3 Transportation Operations
  15. MCWP 4-11.6 Petroleum and Water Logistics Operations
  16. MCWP 4-12 Operational-Level Logistics
  17. MCWP-11.9 Combat Cargo Operation
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**MEU-VBSS-5001:** Conduct Close Quarters Tactics (CQT)

**SUPPORTED MET(S):** 1

**EVALUATION-CODED:** NO

**SUSTAINMENT INTERVAL:** 3 months

**CONDITION:** Given the Maritime Raid Capability's Force Reconnaissance Platoon, organic weapons and equipment, a target site (structure, ship, vessel, or maritime platform), and an assigned CQT mission.

**STANDARD:** To enter, clear, control, and exploit the target site in accordance with the reference.

**EVENT COMPONENTS:**

1. Plan for mission.
2. Prepare for mission.
3. Conduct rehearsal.
4. Employ breaching techniques and diversionary devices as needed throughout mission.
5. Make entry to target site
6. Utilize appropriate movement techniques.
7. Clear danger areas.
8. Identify targets.
9. Discriminate targets.
10. Neutralize threats.
11. Control unknowns.
12. Mark cleared areas.
13. Reach limit of advance.
14. Conduct back clear.
15. Conduct external sweep, if applicable.
16. Conduct Tactical Site Exploitation.
17. Conduct consolidation procedures.
18. Withdraw from Target site.

**CHAINED EVENTS:**

0321-RECN-2503      0321-OFF-4006      INF-INT-4711  
0321-OFF-5002

**RELATED EVENTS:**

0321-OFF-4003	0321-OFF-4004	0321-OFF4005
0321-OFF-4007	0321-OPS-4001	MOES-BCHR-2001
MOES-BCHR-2002	MOES-BCHR-2003	MOES-BCHR-2004
MOES-BCHR-2005	MOES-BCHR-2006	MOES-BCHR-2007
INF-MED-6430	INF-MAN-5101	

**REFERENCES:**

1. MCO 1510.101A Marine Corps Order, ITS System for Marine Corps Special Skills, Volume 2.
2. MCO 3120.9C MEU Policy Order
3. MCO 3502.3B MEU PTP Order
4. SOTG CQT POI
5. WTBN MOEC POI
6. MOES-BL Methods of Entry Breacher Logbook
7. MCIP 3-33.04 VBSS Ops

**MISCELLANEOUS:**

**ADMINISTRATIVE INSTRUCTIONS:** SPECIAL PERSONNEL CERTIFICATIONS:

1. Participants must be current graduates in good standing of the SOTG CQT course.
2. Appropriate support/safety personnel and equipment.

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**SUPP-CSS-5001:** Plan for combat supply support operations

**SUPPORTED MET(S):** 5, 6

**EVALUATION-CODED:** YES

**SUSTAINMENT INTERVAL:** 24 months

**CONDITION:** Given an initiating directive, Commander's guidance, operations order, and access to an automated system with applicable software with internet connectivity, and the references.

**STANDARD:** To ensure the supply support plan will compliment the established priorities and support the operation concept and mission objectives.

**EVENT COMPONENTS:**

1. Use the principles of CSS in developing the supply related CSS objectives.
2. Verify the supply related CSS mission objectives coincide with the MAGTF mission objectives.
3. Review mobilization and/or embarkation order as applicable.
4. Develop combat supply support mission statement.
5. Review CSS planning documents required for supply to support the operation.

**RELATED EVENTS:**

3052-OPFN-2030	3002-CSS-1001	3052-OPFN-2028
3052-OPFN-2024	3051-OPFN-2054	3010-CSSO-2011
3010-CSSO-2010	3002-CSSO-2004	3002-CSSO-2005
3043-CSS-2008	3043-CSS-2007	3043-CSS-2006
3043-CSS-2004	3043-CSS-2002	3043-CSS-2003

3010-CSS-2009	3010-CSS-2008	3010-CSS-2007
3010-CSS-2005	3010-CSS-2004	3010-CSS-2003
3002-CSS-2003	3002-CSS-2002	3002-CSS-1004
3002-CSS-1003	3052-OPFN-2029	

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**SUPP-CSS-5002:** Prepare for deployment

**SUPPORTED MET(S):** 3, 4, 5, 6

**EVALUATION-CODED:** YES

**SUSTAINMENT INTERVAL:** 24 months

**CONDITION:** Given an initiating directive, operations order, Commander's guidance, TPFDD, embarkation guidance, equipment density list (EDL), unit equipment report (UER), readiness report (s), access to automated system with applicable software, internet connectivity, local SOP, and the references.

**STANDARD:** To provide uninterrupted supply support as the unit transitions from the garrison environment.

**EVENT COMPONENTS:**

1. Review the initiating directive.
2. Establish mission objectives.
3. Review embarkation plan.
4. Verify EDL.
5. Determine and obtain special individual equipment.
6. Determine and obtain special organizational equipment.
7. Obtain sustainment requirements for deploying forces.
8. Contact PP&P for embarkation component requirements.
9. Identify RBE and coordinate storage as required.
10. Perform custody transfer of active personal effects cases.
11. Facilitate storage of personal effects for deploying Marines.
12. Create storage operations plan.
13. Determine MHE requirements.
14. Process unserviceable equipment.
15. Prepare for embarkation.
16. Request TAC Address change.
17. Conduct property transfers from garrison to deployed accounts as required.
18. Review reception, staging, onward movement and integration (RSO&I).

**RELATED EVENTS:**

3010-REQS-2091	3010-REQS-2090	3010-REQS-2089
3010-REQS-2088	3010-REQS-2087	3010-REQS-2086
3010-REQS-2085	3002-REQS-1044	3002-REQS-1042
3002-REQS-1041	3002-REQS-1040	3002-REQS-1039
3002-REQS-1038	3002-STDR-2038	3052-CNTM-2005
3051-OPFN-2036	3051-OPFN-1017	3052-OPFN-1047
3052-OPFN-2028	3052-OPFN-2027	3051-OPFN-2034
3051-OPFN-2054	3051-OPFN-2053	3051-OPFN-2052
3051-OPFN-2051	3051-OPFN-2046	3051-OPFN-2045
3051-OPFN-2042	3051-OPFN-2040	3051-OPFN-2038
3051-OPFN-2044	3051-OPFN-2043	3051-OPFN-2041

3051-OPFN-2039	3051-OPFN-2037	3051-OPFN-1016
3052-QCNT-2039	3051-QCNT-2056	3051-QCNT-2055
3051-QCNT-2062	3051-QCNT-2061	3010-PRAC-2081
3010-PRAC-2080	3010-PRAC-2079	3010-PRAC-2078
3010-PRAC-2077	3010-PRAC-2076	3010-PRAC-2075
3010-PRAC-2074	3010-PRAC-2072	3010-PRAC-2071
3010-PRAC-2070	3010-PRAC-2069	3010-PRAC-2068
3002-PRAC-1036	3002-PRAC-1035	3002-PRAC-1034
3002-PRAC-1033	3002-PRAC-1032	3002-PRAC-1031
3002-PRAC-1026	3002-PRAC-1025	3002-PRAC-1024
3002-PRAC-1023	3051-LOCS-1013	3051-LOCS-2033
3051-LOCS-2032	3051-LOCS-2027	3051-LOCS-2031
3051-LOCS-2028	3051-LOCS-2026	3051-LOCS-1014
3051-LOCS-1012	3043-CSS-2008	3043-CSS-2007
3043-CSS-2006	3043-CSS-2004	3043-CSS-2002
3043-CSS-2003	3010-CSS-2008	3010-CSS-2007
3010-MISC-2059	3010-MISC-2058	3010-MISC-2065
3010-MISC-2064	3002-MISC-2024	3002-MISC-2023
3002-MISC-1019	3002-MISC-1016	3051-FAEQ-2008
3052-MTPP-2022	3052-MPCK-2015	3052-MPCK-2013
3052-PSHP-2034	3010-ISS-2029	3010-ISS-2028
3002-ISS-2015	3002-ISS-2014	3002-ISS-2013
3010-FISC-2017	3010-FISC-2016	3010-FISC-2015
3010-FISC-2014	3010-FISC-2013	3010-FISC-2020
3002-FISC-2011	3002-FISC-2010	3002-FISC-2009
3043-PSEF-2073	3002-PSEF-1037	3051-INVT-2020
3051-INVT-2023	3051-INVT-2022	3051-INVT-2021

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**SUPP-FISC-5003:** Conduct unit fiscal accounting for Commander

**SUPPORTED MET(S):** 3, 4, 5

**EVALUATION-CODED:** YES

**SUSTAINMENT INTERVAL:** 24 months

**CONDITION:** Provided Government funds, budget plan, associated fiscal files/records, document control file, current budget, financial management reports and local guidance from comptroller, access to automated system with applicable software, internet connectivity and the references.

**STANDARD:** To ensure financial resources are properly accounted for.

**EVENT COMPONENTS:**

1. Execute budget plan.
2. Verify source documents.
3. Validate all pending requisitions/cancellations and receipts.
4. Reconcile financial management reports.
5. Prioritize, justify and report unfunded deficiencies.
6. Manage reimbursable.
7. Meet quarterly obligation goals.
8. Conduct Mid-Year Review.
9. Formulate the budget for the following fiscal year.
10. Conduct fiscal year closeout.



**RELATED EVENTS:**

3043-REQS-2088	3043-REQS-2081	3043-REQS-2092
3043-REQS-2094	3043-REQS-2086	3043-REQS-2084
3043-REQS-2083	3043-REQS-2079	3043-REQS-2077
3043-REQS-2076	3043-REQS-1020	3043-REQS-1019
3043-REQS-1016	3043-REQS-1015	3043-RIPT-2105
3043-RIPT-2103	3043-RIPT-2107	3010-RIPT-2096
3043-RIPT-2108	3043-MISC-2037	3010-MISC-2065
3010-MISC-2061	3010-MISC-2060	3010-ISTC-2040
3043-FISC-2012	3043-FISC-2011	3043-FISC-2017
3043-FISC-2016	3043-FISC-2015	3043-FISC-2010
3043-FISC-2009	3043-FISC-2014	3043-FISC-2013
3010-FISC-2018	3010-FISC-2017	3010-FISC-2016
3010-FISC-2015	3010-FISC-2014	3010-FISC-2013
3010-FISC-2012	3010-FISC-2024	3010-FISC-2023
3010-FISC-2022	3010-FISC-2021	3010-FISC-2020
3010-FISC-2019	3002-FISC-2012	3002-FISC-2011
3002-FISC-2010	3002-FISC-2009	3002-FISC-2008
3002-FISC-2007	3002-FISC-2006	3002-FISC-1012
3002-FISC-1011	3002-FISC-1010	3002-FISC-1009
3002-FISC-1008	3002-FISC-1007	3052-FISC-2012
3052-FISC-2011	3043-FISC-2018	3043-TRNG-2112
3043-TRNG-2111	3043-TRNG-2110	3043-TRNG-2109

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**SUPP-PRAC-5004:** Account for property and materiel

**SUPPORTED MET(S):** 3, 4, 6

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

**CONDITION:** Given property accounting documents, document control file, command support, automated system with applicable software, accountable assets and the references.

**STANDARD:** To ensure the activity's accountable assets are accurately reflected on the property records.

**EVENT COMPONENTS:**

1. Validate due-in status of accountable assets.
2. Execute adjustment transactions as required.
3. Validate allowances of Type I, 2, and 3 assets.
4. Validate property accounting/sub custody records.
5. Verify inventory results.

**CHAINED EVENTS:**

3002-PRAC-1023	3002-PRAC-1024	3002-PRAC-1021
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**RELATED EVENTS:**

3043-REQS-1018	3043-REQS-1017	3043-REQS-1015
3043-REQS-2078	3043-REQS-2077	3043-REQS-2076
3043-REQS-1019	3043-REQS-2093	3043-REQS-2084
3043-REQS-2083	3010-RIPT-2096	3010-RIPT-2105

3010-RIPT-2103	3043-RIPT-2105	3043-RIPT-2107
3043-RIPT-2104	3043-PRAC-2055	3043-PRAC-2054
3043-PRAC-2053	3043-PRAC-2064	3010-PRAC-2070
3043-PRAC-1006	3043-PRAC-1005	3043-PRAC-1004
3043-PRAC-1003	3043-PRAC-1002	3043-PRAC-1001
3010-PRAC-2079	3010-PRAC-2078	3010-PRAC-2077
3010-PRAC-2076	3010-PRAC-2075	3010-PRAC-2073
3010-PRAC-2072	3010-PRAC-2071	3010-PRAC-2069
3010-PRAC-2068	3010-PRAC-2067	3010-PRAC-2066
3002-PRAC-2025	3002-PRAC-1035	3002-PRAC-1034
3002-PRAC-1033	3002-PRAC-1032	3002-PRAC-1031
3002-PRAC-1030	3043-PRAC-2051	3043-PRAC-2050
3043-PRAC-2049	3043-PRAC-1012	3043-PRAC-1011
3043-PRAC-1010	3043-PRAC-2048	3043-PRAC-1009
3043-PRAC-1008	3002-PRAC-1029	3002-PRAC-1028
3002-PRAC-1027	3002-PRAC-1026	3002-PRAC-1025
3002-PRAC-1024	3002-PRAC-1023	3002-PRAC-1021
3002-PRAC-1036	3043-PRAC-2070	3043-PRAC-2068
3043-PRAC-2067	3043-PRAC-2066	3043-PRAC-2065
3043-PRAC-2052	3043-PRAC-2063	3043-PRAC-2062
3043-PRAC-2061	3043-PRAC-2072	3043-PRAC-2060
3043-PRAC-2059	3043-PRAC-2071	3043-PRAC-2058
3043-PRAC-2047	3010-PRAC-2082	3010-CSS-2008
3002-CSS-1004	3043-MISC-2041	3010-MISC-2064
3010-MISC-2062	3043-MISC-2036	3043-MISC-2045
3010-MISC-2057	3010-MISC-2056	3002-MISC-1019
3002-MISC-1018	3002-MISC-1016	3043-MISC-2046
3043-MISC-2040	3043-MISC-2039	3010-MISC-2065
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3051-IMAT-2015	3051-IMAT-1006	3010-ISS-2028
3051-INVT-2018	3051-INVT-2020	3051-INVT-2021
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3043-TRNG-2110		

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**TANK-OTH-5703:** Support Roadblock/Checkpoint Operations

**SUPPORTED MET(S):** None

**EVALUATION-CODED:** NO

**SUSTAINMENT INTERVAL:** 12 months

**DESCRIPTION:** Establishment of checkpoints is a high-frequency task for subordinate elements involved in stability operations. Roadblocks/checkpoints can be either deliberate or hasty.

**CONDITION:** While conducting stability operations or support operations as part of a company/team (CO/TM), the platoon has digital connectivity, if equipped, with the company and receives an OPORD/FRAGO to support a roadblock/checkpoint in conjunction with infantry elements. The platoon has translator support, and the local police may assist in the operation of the roadblock/checkpoint. Required construction materials, tools, and transportation assets are available. The platoon has guidance provided by

the rules of engagement (ROE), status of forces agreement (SOFA), and rules of interaction (ROI). Civilians, governmental agencies, nongovernmental organizations (NGO), and local and international media may be present in the area. Some iterations of this task are performed in MOPP 4.

**STANDARD:** The roadblock/checkpoint is supported at the established location and time specified in the OPORD/FRAGO. The platoon is prepared to use incremental force proportionate to the threat to support the roadblock/checkpoint. The platoon complies with the ROE/ROI, higher headquarters order, and any other applicable special orders.

**EVENT COMPONENTS:**

1. Establish communication signals to alert the platoon to civil disturbance or other hostile actions.
2. Establish communications priorities for nondigital units.
3. Select most advantageous tactical site to support the roadblock/checkpoint.
4. Position roadblock/checkpoint support elements in depth.
5. Position support elements to channel traffic into the checkpoint (if applicable).
6. Cover roadblock with observation and direct fire weapons.
7. Platoon conducts rehearsals IAW SOP.
8. Employ specific limitations on use of lethal force to stop a charging vehicle or fleeing pedestrian.
9. Perform vehicle and personnel searches using approved methods.
10. Conduct questioning and/or appropriate search.
11. Conduct apprehension and detention of civilian personnel.
12. Platoon maintains security for the roadblock/checkpoint.
13. Position an element in concealed location at an appropriate distance from the roadblock/checkpoint to prevent escape of any vehicle or person attempting to turn back upon sighting the roadblock/checkpoint.
14. Establish rest area for platoon personnel near the search area so platoon personnel can be assembled quickly as a reaction force.
15. Develop measures for protecting platoon personnel from possible explosives.
16. Ensure fields of fire of the close-in security element are not masked.
17. Use sentries and patrols to prevent possible ambushes.
18. Establish OPs as required to maintain observation of areas that could influence the roadblock/checkpoint.
19. Ensure personnel do not deploy beyond the range of the platoon's quick reaction force (QRF) capability.
20. Platoon reacts to hostile elements and/or actions IAW ROE/ROI/SOFA/SOP requirements.
21. Fire warning shots to deter personnel or vehicles attempting to flee or breach the roadblock/checkpoint.
22. Control fleeing civilians using minimum force as required.
23. Use necessary force to disarm evading military or paramilitary forces.
24. Attack to disable all vehicles attempting to flee or breach the roadblock/checkpoint.
25. Destroy vehicles that return or initiate fires.
26. Destroy vehicles that persist in attempting to flee or breach the roadblock/checkpoint.
27. Administer first aid to casualties.
28. Send SPOTREPs and SITREPs to higher headquarters as needed (FM or

digital).

29. Determine location, duration, and purpose of the roadblock/checkpoint.
30. Conduct troop-leading procedures.
31. Review and brief entire platoon on current situation, including: political/social climate among the local populace, behavior toward civilians, and applicable ROE/ROI.
32. Request civil police to conduct female searches with MP oversight, if possible.
33. Request additional assets required to establish and operate the roadblock/checkpoint.
34. Organize the platoon to support the roadblock/checkpoint, to include: vehicle search area, female search area, obstacle barriers, overwatch areas, reaction force, and detention areas.

**REFERENCES:**

1. FM 3-06 Urban Operations
2. FM 3-07 Stability Operations (2008)
3. FM 3-20.15 Tank Platoon
4. MCO 3500.27 Operational Risk Management (ORM)
5. MCWP 3-12 Marine Corps Tank Employment
6. MCWP 3-33 Military Operations Other Than War (MOOTW)
7. MCWP 3-35.3 Military Operations on Urbanized Terrain (MOUT)
8. NAVMC DIR 3500.87 Infantry Training & Readiness Manual

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**TANK-TAC-5808:** Conduct an Attack by Fire

**SUPPORTED MET(S):** None

**EVALUATION-CODED:** NO

**SUSTAINMENT INTERVAL:** 12 months

**DESCRIPTION:** The purpose of the attack by fire is to destroy the enemy using long-range fires from dominating terrain or using standoff of the main gun. The platoon can use an attack by fire to destroy inferior forces when the platoon commander does not desire to close with the enemy or when the platoon is part of a company-level effort. In addition, the platoon may occupy an attack by fire position as part of a company-level hasty defense with the goal of destroying a superior force. A successful attack by fire destroys the enemy force.

**CONDITION:** The tank platoon is operating in a tactical environment as part of a company/team (CO/TM) that has made contact with a moving or stationary enemy. The commander has directed the platoon to conduct an attack by fire from a designated position. Some iterations of this task are performed in limited visibility. Some iterations of this task are performed in MOPP 4.

**STANDARD:** The platoon occupies the designated ABF position and places effective direct and indirect fire (if applicable) on the enemy element and destroys or suppresses the unit. The platoon sustains no personnel or equipment losses due to friendly fire. The platoon maintains situational awareness by monitoring digital communications displays and FM communications. Time required to plan and implement is increased when operating in MOPP 4.

**EVENT COMPONENTS:**

1. Platoon commander receives/analyzes OPORD/FRAGO.
2. Determine location of enemy element.
3. Identify covered and concealed routes to ABF position (if not specified in the order) and, if applicable, use way points to assist in navigation.
4. Confirm commander's direct fire and indirect fire (if applicable) scheme of maneuver (who has indirect fire control; when to lift and shift fires).
5. Coordinate with supporting elements as required.
6. Issue FRAGO to the platoon using digital communications or FM communications.
7. Platoon performs tactical movement to ABF position.
8. Use appropriate speed, formation, and movement technique to the ABF position.
9. In many situations, bounding overwatch will be the most advantageous technique.
10. Orient weapon systems to provide all around security during movement.
11. Engage enemy forces, if necessary.
12. Platoon occupies the ABF position.
13. Use machine gun fire to suppress dismounted troops and suspected enemy positions.
14. Use indirect fires on enemy elements.
15. Platoon continues the attack by fire until all enemy elements are destroyed, suppressed or the order to lift fires is received.
16. Sustain a continuous and consistent rate of fire on the enemy position.
17. Shift, start, or cease direct and/or indirect fires, as necessary.
18. Move to alternate ABF positions as necessary to avoid becoming decisively engaged and/or to maintain effective fires on the enemy.
19. Cease fire once the enemy is destroyed, or on order from the company commander.
20. Confirm that the position provides for placement of effective fires on the enemy, and facilitates weapons standoff.
21. Confirm the position affords cover and concealment for hull-down or turret-down positions.
22. Perform a hasty occupation of the ABF position.
23. Designate or identify CO/TM TRPs.
24. Brief platoon on sector of fire and adjust positions as needed.
25. Platoon attacks by fire.
26. Scan for enemy elements.
27. Use digital communications to locate other friendly elements, and ensure all tanks know friendly situation.
28. Use main gun fire to suppress and destroy large targets.
29. The platoon commander issues a platoon fire command specifying the method of fire, firing pattern and rate of fire the platoon must sustain to accomplish the task.

**REFERENCES:**

1. FM 3-20.15 Tank Platoon
2. FM 3-90.1 Tank and Mechanized Infantry Company Team
3. FM 3-90.2 Tank and Mechanized Infantry Battalion Task Force
4. MCO 3500.27 Operational Risk Management (ORM)
5. MCRP 3-11.2A Marine Troop Leader's Guide
6. MCWP 3-12 Marine Corps Tank Employment
7. NAVMC DIR 3500.87 Infantry Training & Readiness Manual

**TANK-TAC-5816:** Defend a Battle Position

**SUPPORTED MET(S):** None

**EVALUATION-CODED:** NO

**SUSTAINMENT INTERVAL:** 12 months

**DESCRIPTION:** Defense of a battle position is a technique that places a unit in a battle position (BP) to concentrate its fires, to limit its maneuver, or to place it in an advantageous position to counterattack. The BP is a general location on the ground. The commander positions his forces on the best terrain within and in the vicinity of the BP. The commander may position security forces forward of and about the BP. He can also locate combat support and combat service support elements outside the BP. The commander can maneuver his forces freely within the BP and seize the initiative to maneuver outside of the BP to attack enemy forces provided that it does not interfere with the commander's concept.

**CONDITION:** The tank platoon completes occupation of a BP as part of a company/team (CO/TM) defense or in preparation for a perimeter defense. The platoon commander prepares a platoon fire plan in digital communications or on overlay and receives displacement criteria from the commander. The platoon observes an advancing enemy, or is alerted to an enemy unit by a digital or FM SPOTREP from the company commander or another element. Some iterations of this task are performed in limited visibility. Some iterations of this task are performed in MOPP 4.

**STANDARD:** The platoon destroys, blocks, or canalizes the enemy force, or begins displacement IAW the commander's orders/intent. The platoon moves to a subsequent BP before being overrun by the enemy force in its sector, if necessary. The platoon sustains no personnel or equipment losses due to friendly fire. The platoon maintains situational awareness by monitoring digital communications displays and FM communications. Time required to plan and implement is increased when operating in MOPP 4.

**EVENT COMPONENTS:**

1. Platoon reacts to the enemy contact.
2. Alert the rest of the platoon with a SPOTREP (FM communications) of enemy contact (TC making initial contact).
3. Send a SPOTREP (FM communications) of enemy contact to the commander, or acknowledge the incoming SPOTREP or contact report.
4. Platoon commander analyzes the incoming message (voice/digital) if contact results from a report by another unit.
5. Identify mounted/dismounted avenues of approach you expect the enemy to use to enter the platoon sector.
6. Determine the enemy element's capabilities and objectives based on the information available.
7. Platoon commander disseminates information from the contact report/SPOTREP to TCs and OPs.
8. Identify enemy's expected avenues of approach and projected capabilities and objectives.
9. Provide other tactical information as available.
10. Direct crew making first contact with the enemy to alert the platoon with a SPOTREP or contact report (FM communications).
11. Platoon prepares for the enemy's arrival.

12. Adjust REDCON level as necessary.
13. Start engines simultaneously and move to turret-down positions on platoon commander's signal (visual, wire, FM communications).
14. Withdraw from dismounted positions and remount vehicles, if applicable.
15. Scan for targets and enemy activity.
16. Platoon commander/platoon sergeant calls for indirect fire, through CO/TM FiST.
17. Request indirect fire IAW the defensive fire plan, using digital communications or FM communications.
18. Adjust indirect fire to force the enemy to button up and deploy.
19. Platoon commander issues a platoon fire command.
20. Give alert (address the vehicle or vehicles to fire).
21. Describe target (number, type, and activity of enemy elements).
22. Specify orientation (location given by reference point, terrain feature, or direction to target).
23. Specify execution (such as "FIRE" or "AT MY COMMAND").
24. Platoon prepares to engage.
25. Lay main guns for direction.
26. Issue fire commands specifying "AT MY COMMAND."
27. Load specified ammunition.
28. Orient gunners on proper targets.
29. Report to platoon commander when ready to engage.
30. Platoon commander directs engagement of enemy elements with direct fire.
31. Direct the platoon to move simultaneously into hull-down positions within primary fighting positions.
32. Direct vehicles to engage targets within their sector IAW the platoon fire plan.
33. Order "FIRE" when the enemy crosses the trigger line.
34. Coordinate sections' movement to alternate positions with the platoon sergeant, so only one tank per section moves at a time.
35. Issue additional fire commands, as necessary, to destroy all enemy targets within the platoon sector, while controlling overkill and ammunition expenditure.
36. Direct all, or a portion of the platoon, to move to supplementary fighting positions, as necessary, to destroy enemy forces moving through different sectors of fire or avenues of approach.
37. Platoon continues to defend from its present location, if the enemy has been destroyed or halted.
38. Terminate direct fire engagements when platoon commander announces "CEASE FIRE."
39. Back into turret-down positions as directed by the platoon commander.
40. Scan for additional enemy targets.
41. Send a periodic and complete SITREP to the company commander, using digital communications or FM communications.
42. Perform consolidation and reorganization.
43. Platoon displaces to subsequent or alternate BP (the platoon displaces if the enemy force advances in sufficient force to meet the displacement criteria specified in the commander's guidance and/or OPORD/FRAGO).

**REFERENCES:**

1. FM 3-20.15 Tank Platoon
2. FM 3-90.1 Tank and Mechanized Infantry Company Team
3. FM 3-90.2 Tank and Mechanized Infantry Battalion Task Force
4. MCO 3500.27\_ Operational Risk Management (ORM)

5. MCRP 3-11.2A Marine Troop Leader's Guide
  6. MCWP 3-12 Marine Corps Tank Employment
  7. MCWP 3-12.1 (FM 17-15) Tank Platoon
  8. NAVMC DIR 3500.87 Infantry Training & Readiness Manual
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**UTIL-XENG-5401:** Provide Utilities Support

**SUPPORTED MET(S):** 6, 8

**EVALUATION-CODED:** YES **SUSTAINMENT INTERVAL:** 6 months

**DESCRIPTION:** Provide tactical electrical supply and distribution; tactical water supply and hygiene service; heating, ventilation, air conditioning and refrigeration service; and maintenance capabilities for all utilities equipment in accordance with the units mission statement.

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

**STANDARD:** To provide support IAW with the concept of operations and in accordance with commander's intent.

**EVENT COMPONENTS:**

1. Maintain Utilities Equipment
2. Recover utilities equipment as required.
3. Submit required reports.
4. Coordinate supported unit requirements
5. Establish Utilities Plan
6. Establish Utilities Site(s)
7. Provide potable water as required
8. Provide tactical electrical support as required
9. Provide tactical hygiene support as required
10. Provide non-tactical utilities support as required

**REFERENCES:**

1. 29 CFR 1910.147 Chapter 29, Code of Federal Regulations, Part Number 1910 (Occupational Safety and Health Standards), Standard Number 147 - Control of Hazardous Energy (Lockout/Tagout)
2. 29 CFR 1910.269 Chapter 29, Code of Federal Regulations, Part Number 1910 (Occupational Safety and Health Standards), Standard Number 269 - Electrical Power Generation, Transmission, and Distribution
3. 29 CFR 1910.301-399 Chapter 29, Code of Federal Regulations, Part Number 1910 (Occupational Safety and Health Standards), Subpart S, (Standard Numbers 301-399) - Electrical
4. 40 CFR 82 Chapter 40, Code of Federal Regulations, Part Number 82 (Protection of Stratospheric Ozone)
5. 42 USC 85 VI 7671 Title 42, United States Code, Chapter 85, Subchapter VI, Section 7671 (Ozone Protection)
6. FM 10-52 Water Supply in Theaters of Operation
7. FM 10-52-1 Water Supply Point Equipment and Operations
8. FM 5-424 Theater of Operations Electrical Systems (Jun 97)
9. Joint Pub 4-03 Joint Bulk Petroleum and Water Doctrine



10. MCO 5090.1 Chlorofluorocarbons (CFC's) and Halons (Oct 89)
11. MCRP 3-17B Engineer Forms and Reports
12. MCRP 4-11.1D Field Hygiene and Sanitation
13. MCRP 4-11B Environmental Considerations in Military Operations (Jun 00)
14. MCWP 3-17 Engineer Operations
15. MCWP 3-17.4 Engineer Reconnaissance
16. MCWP 4-11 Tactical-Level Logistics
17. MCWP 4-11.4 Maintenance Operations
18. MCWP 4-11.6 Petroleum and Water Logistics Operations
19. MCWP 5-1 Marine Corps Planning Process (MCPPE)
20. NAVMED P-5010-5 Manual of Preventive Medicine, Chapter 5, Water Supply Ashore (Nov 90)
21. NEC (NFPA 70) National Electrical Code - by National Fire Protection Association
22. TB MED 577 Occupational and Environmental Health Sanitary Control and Surveillance of Field Water Supplies
23. TB MED 593 Guidelines for Field Waste Management
24. TC 3-34.489 The Soldier and the Environment
25. TM 11275-15/3D Principal Technical Characteristics of U.S. Marine Corps Engineer Equipment (May 02)
26. TM 12359A-OD/B Principal Technical Characteristics of Expeditionary Power Systems Equipment
27. Appropriate Technical Manuals

**SUPPORT REQUIREMENTS:**

**EQUIPMENT:** Utilities equipment, Engineer Material Handling equipment

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MEU T&R MANUAL

CHAPTER 6

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CHAPTER 6

6000-LEVEL COLLECTIVE EVENTS

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6001. 6000-LEVEL EVENTS

ARTY-BTRY-6102: CONDUCT RECONNAISSANCE AND SELECTION OF POSITION (VERTICAL ASSAULT)

SUPPORTED MET(S): None

EVALUATION-CODED: YES SUSTAINMENT INTERVAL: 2 months

DESCRIPTION: During the planning phase, the tactical situation will permit limited aerial reconnaissance.

CONDITION: Given an operations order or frag order, all required equipment and ammunition, and the reference.

STANDARD: Per the event components.

EVENT COMPONENTS:

1. Y; N; NE Desirable features are considered in selecting the position. (KI)
2. Y; N; NE Time permitting, aerial photos of possible landing zones (LZ's) are requested.
3. Y;N;NE Reconnaissance provides needed information on new position areas to include alternate LZ's, terrain, routes of communication, enemy situation, and location of friendly troops.

REFERENCES:

1. MCWP 3-16.3 Tactics, Techniques, and Procedures for the Field Artillery Cannon Battery

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: EVALUATOR INSTRUCTIONS: None. KEY INDICATORS: DESIRABLE FEATURES. 1. Dry, well drained area within or adjacent to the battery position that can accommodate helicopters, when required. 2. Terrain is suitable for defense and is located within the infantry perimeter if appropriate. 3. Maximum firing capability consistent with mission and enemy situation. 4. Maximum defilade consistent with mission. 5. Close proximity to natural obstacles. 6. Location away from the most likely enemy avenue of approach. 7. Easy access to LZ.

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ARTY-BTRY-6103: CONDUCT A TACTICAL MARCH

SUPPORTED MET(S): None

EVALUATION-CODED: YES SUSTAINMENT INTERVAL: 2 months

DESCRIPTION: The battery has received an order to move to a new position. Battery commander has issued his movement order. A reconnaissance has been conducted. The enemy is employing a broad spectrum of air, ground, and target acquisition capabilities. The battery conducts the appropriate tactical march for the situation (Open column movement, Close column

movement, Infiltration, or Terrain march).

**CONDITION:** Given the tactical situation, a movement order from higher headquarters (artillery battalion or Battalion Landing Team), and an equip battery.

**STANDARD:** Per the event components.

**EVENT COMPONENTS:**

1. Y; N; NE Crosses release point on time.
2. Y; N; NE Type of displacement, march column interval, and march column configuration maximizes passive and active defense posture. (KI)
3. Y; N; NE Crosses start point on time, reports to higher headquarters when crossing checkpoints, and designates a release point (if operating independently).
4. Y; N; NE Maintains march discipline.
5. Y; N; NE Maintains convoy interval.
6. Y; N; NE Unit executes appropriate immediate action drill when convoy comes under attack by air, ground (blocked and unblocked), and/or artillery/rocket/mortars. Attack may include NBC.
7. Y; N; NE Supporting friendly fires to counter ground attacks is coordinated with higher headquarters.
8. Y; N; NE March column is organized so that dispersion of automatic weapons provides for delivery of heavy volumes of fire against ground/air attacks in all directions. (KI)
9. Y;N;NE Maintains 360-degree security while on the march with each organic M2 and MK19 machinegun being mounted and assigned a sector of fire
10. Y; N; NE Vehicles are appropriately prepared for convoy defense; e.g., canvas up, sand bagged, etc.

**PREREQUISITE EVENTS:** ARTY-GUNS-6330            ARTY-BTRY-6101

**REFERENCES:**

1. MCWP 3-16.3 Tactics, Techniques, and Procedures for the Field Artillery Cannon Battery
2. UNIT SOP Unit's Standing Operating Procedures

**SUPPORT REQUIREMENTS:**

**OTHER SUPPORT REQUIREMENTS:** Two positions with sufficient road or terrain space and distance between them to achieve the march interval ordered.

**MISCELLANEOUS:**

**ADMINISTRATIVE INSTRUCTIONS:** EVALUATOR INSTRUCTIONS: 1. This task is to be completed two times: once in daylight and once in darkness. 2. A movement may be conducted as a road or terrain march. 3. Open and closed columns are not applicable to movement at night, since the blackout marker determines the interval between vehicles. 4. Evaluate each displacement and use the 90 percent rule. KEY INDICATORS: TYPES OF MARCH COLUMNS: 1. Open column - a 100 meter vehicle interval is used when: enemy detection is unlikely, time is a critical factor, considerable travel distance is involved, road network is uncrowded and adequate. 2. Close column - vehicle interval is less than 100 meters and is under circumstances similar to the open column except the unit

is/has: need for maximum command and control, limited visibility, and moving through built-up or congested areas. 3. Infiltration - requires that vehicles are dispatched individually or in small groups without reference to a march table and is used when: enemy has good target acquisition means, enemy has quick reaction means, and the battery requires stealth in moving to a new position. 4. Terrain March - movement may be by unit or echelon and is conducted generally off the roads moving close to tree lines, along gullies, and close to hill masses when: open roads are congested, enemy interdiction or air attack is likely, ground reconnaissance is accomplished, soil conditions permit movement, displacement time is not critical, and vehicle tracks may compromise the new position. ORGANIZATION OF THE COLUMN 1. If enemy attack is probable, howitzers are dispersed throughout the entire column. 2. The column is organized to facilitate command and control as a first priority, and if possible so that vehicles at the head of the column occupy the deepest position in the new area. 3. If feasible, there are two air guards per vehicle, one scans the sky forward of the vehicle and the other scans the sky rearward. 4. Machineguns are distributed evenly throughout the column and should be aimed alternately to the left and right sides of the route of march. 5. Canvas should be removed or set at half-mast to allow personnel to have their individual weapons poised to return fire if attacked. 6. Key personnel are dispersed throughout the column to preclude the loss of a disproportionate number as a result of enemy action. Simulation. No.

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ARTY-BTRY-6108: OCCUPY POSITION AREA (HELO OPS)

SUPPORTED MET(S): None

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

CONDITION: At the time specified for the helicopter displacement, the first wave arrives at the correct zone. During the planning phase the battery commander tentatively selects locations of key positions; coordinates procedures for control of aircraft during the occupation; and briefs the advance party on the LZ, the order of drop, and the howitzer direction of fire. FDC personnel accompany the advance party. Personnel from external agencies are not available for LZ assistance.

STANDARD: Per the event components.

EVENT COMPONENTS:

1. Y; N; NE Equipment is placed in the LZ according to plan and directions given to pilot by ground directors
2. Y; N; NE Battery reports time of landing of lead elements to higher headquarters.
3. Y; N; NE Battery attains a firing capability within: (KI) DAYLIGHT M198 12 min; M777A1 11 min DARKNESS M198 20 min; M777A1 19 min
4. Y; N; NE Designated sites are occupied.
5. Y; N; NE On landing, the leading elements deplane quickly and disperse.
6. Y; N; NE Security is established in new position area upon initial set down.
7. Y; N; NE Aircraft are effectively coordinated.

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: EVALUATOR INSTRUCTIONS: 1. Ammunition is on the ground and the crew is in position before the timing starts. 2. Time Starts: Second howitzer has arrived and stopped in its designated gun position. 3. Time Stops: FIRECAP sent to higher headquarters (or given to evaluator); i.e., the FDC has processed the XO's report. KEY INDICATORS: STANDARD NUMBER 6. 1. Two howitzers are capable of firing. 2. Aim point established. 3. XO's Min QE computed and sent to FDC. 4. Prefire checks done. 5. Boresight checked. 6. Communications established between FDC and guns (wire or radio). 7. Lay verified by second aiming circle using a method of orientation other than that used by the lay circle. 8. At least one round per howitzer is prepared for firing. 9. Howitzers emplaced as per weapon TM and unit SOP.

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ARTY-BTRY-6114: PLAN AND SCHEDULE FIRES

SUPPORTED MET(S): None

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 2 months

CONDITION: Battery has received a complete list of targets containing priority targets, or a target list worksheet from a maneuver unit FSC containing a minimum of three targets.

STANDARD: Per event components.

EVENT COMPONENTS:

1. Y; N; NE Priority targets are specified, and data is computed and immediately transmitted to the gun line (KI).
2. Y; N; NE After scheduling data is completed, fire commands transmitted to gun line in a timely manner.
3. Y; N; NE Prepares schedule of fires based on maneuver unit commander's guidance. (KI)

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: EVALUATOR INSTRUCTIONS: None. KEY INDICATORS: SCHEDULING 1. Preparations and counter preparations are phased per the references. 2. Gaps and shift times between targets in schedules are per the references. 3. Battery completes scheduling worksheet based on target list worksheet provided by supported unit FSCC.

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ARTY-BTRY-6115: EXECUTE A SCHEDULE OF FIRES

SUPPORTED MET(S): None

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 2 months

CONDITION: Battery must fire a schedule of fires.

STANDARD: Per the event components.

EVENT COMPONENTS:

1. Y; N; NE Computes firing data to all targets on the schedule.
2. Y; N; NE Fire commands immediately sent to the gun line.
3. Y; N; NE Conducts a rehearsal of the schedule of fires (time permitting).
4. Y; N; NE Controls the firing of the schedule of fires.

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: EVALUATOR INSTRUCTIONS: The FDC MAY NOT simply assign the 1st target to the 1st gun, the 2d target to the 2d gun, etc... The battery is required to mass all guns on each target. KEY INDICATORS: None.

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ARTY-BTRY-6132: PLAN HELICOPTER OPERATIONS

SUPPORTED MET(S): None

EVALUATION-CODED: NO SUSTAINMENT INTERVAL: 4 months

CONDITION: The battery is in receipt of an operations order directing a displacement by helicopter.

STANDARD: Per the event components.

EVENT COMPONENTS:

1. Y; N; NE Plans are formulated for external support to include HST, Mission Commander, and ITG.
2. Y; N; NE Location of selected landing zone.
3. Y; N; NE Procedures for control of aircraft.
4. Y; N; NE Locations of key battery installations.
5. Y; N; NE On receipt of the operation order, battery issues a warning order. (KI)
6. Y; N; NE Plans are formulated in coordination with the supported unit for the employment of initial terminal guidance (ITG). (KI)
7. Y; N; NE Fire plan to support link up is prepared, if required.
8. Y; N; NE Battery commander (if available) or designated representative conducts a ZIPPO brief. All personnel are briefed on their roles/duties within the landing zone to include the establishment of security.
9. Advance party leader briefs advance party on components 6-10:
10. Y; N; NE Order of drop.
11. Y; N; NE Howitzer formation to be used.

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: EVALUATOR INSTRUCTIONS: The maximum planning time permitted if the artillery unit and helicopters are on the same ship is 6 hours; if the artillery unit and helicopters are on separate ships - 8 hours. Ashore, the planning time permitted will be reduced to 4 hours from receipt of an order. The order may be given by the evaluator as a portion of the ground operations evaluation or it may relate to the scenario for an



amphibious landing. KEY INDICATORS: WARNING ORDER 1. If the helicopter lift is part of a previously planned and organized scenario event within an assault landing, the warning order is simplified down to the fact that the landing is to go as planned (or with modifications noted) and the time is confirmed. 2. If the helicopter displacement is an event accomplished in the response to either the input of the evaluator or the initiative of the battalion commander or the battery commander, the warning order is more detailed. It must include: a. Units to be displaced. b. The new position. c. Anticipated time of the movement. d. Anticipated helicopter availability. e. Available support. ITG The supported unit must consider the possibility of providing terminal guidance for the helicopter landing. While it is possible for a daylight helicopter displacement to proceed without ITG, it is essential for successful night operations.

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**ARTY-FDC-6113:** CONDUCT INDIRECT FIRE MISSIONS

**SUPPORTED MET(S):** None

**EVALUATION-CODED:** YES

**SUSTAINMENT INTERVAL:** 2 months

**DESCRIPTION:** The battery must execute indirect fires upon completion of the prerequisites.

**CONDITION:** Prerequisites have been completed.

**STANDARD:** Indirect fire mission will be conduct per chained events ARTY-BRTY-6114 and ARTY-BRTY-6115. Collective time standards are contained within the "Admin Instructions" in this event. More specific events and time standards are contained in each functional area for FO, FDC and GUNS.

**CHAINED EVENTS:**

ARTY-BTRY-6114      ARTY-BTRY-6115

**REFERENCES:**

1. JREGTO 3570.1C Standing Operating Procedures for Field Artillery Safety
  2. MCWP 3-16.2 Procedures for the Marine Corps Fire Support
  3. MCWP 3-16.3 Tactics, Techniques, and Procedures for the Field Artillery Cannon Battery
  4. MCWP 3-16.4 Tactics, Techniques and Procedures for the Field Artillery Manual Cannon Gunnery
  5. UNIT SOP Unit's Standing Operating Procedures
- 

**ARTY-LNO-6405:** COORDINATE FIRE SUPPORT

**SUPPORTED MET(S):** None

**EVALUATION-CODED:** YES

**SUSTAINMENT INTERVAL:** 2 months

**DESCRIPTION:** Requirement. A maneuver element is conducting tactical operations. Air, artillery, NSFS, EW, and organic mortars support the unit.

The operations can occur during daylight and under limited visibility conditions. The team performs appropriate actions to coordinate target engagement, targeting and fire support planning through the application of the fire support principles.

**CONDITION:** Given a tactical scenario, commander's guidance, a fully manned fire support coordination center, and the references.

**STANDARD:** Fire support will be coordinated per chained events ARTY-LNO-6406 thru ARTY-LNO-6411.

**PREREQUISITE EVENTS:**

ARTY-LNO-6403      ARTY-LNO-6402      ARTY-LNO-6401  
ARTY-LNO-6404

**CHAINED EVENTS:**

ARTY-LNO-6406      ARTY-LNO-6410      ARTY-LNO-6408  
ARTY-LNO-6409      ARTY-LNO-6407      ARTY-LNO-6411

**REFERENCES:**

1. MCWP 3-16 Fire Support Coordination in the Ground Combat Element
2. MCWP 3-16.1 Artillery Operations
3. MCWP 3-16.2 Procedures for the Marine Corps Fire Support
4. MCWP 3-42.1 Fire Support in MAGTF Operations
5. UNIT SOP Unit's Standing Operating Procedures

**MISCELLANEOUS:**

**ADMINISTRATIVE INSTRUCTIONS:** Simulation. Yes.

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**FMS-HSS-6003:** Deploy Class VIII

**SUPPORTED MET(S):** 1, 2

**EVALUATION-CODED:** NO

**SUSTAINMENT INTERVAL:** 12 months

**DESCRIPTION:** Will draw and maintain required Class VIII.

**CONDITION:** Given a mission, Class VIII, personnel and lift.

**STANDARD:** Deploy with basic load Class VIII and sustain as required.

**EVENT COMPONENTS:**

1. Perform pre-LTI to determine critical equipment and supplies regardless of readiness percentage of AMAL/ADALs.
2. Develop POA&M to mitigate Class VIII Shortfall(s).
3. Report shortfalls to HHQ.
4. Perform LTI.
5. Determine and maintain adequate Class VIII levels to support mission duration.

RELATED EVENTS:

FMSO-HSS-1502      FMST-HSS-2501

REFERENCES:

1. MCDP 4 Logistics
2. MCWP 4-1 Logistics Operations
3. MCWP 4-11.1 Health Service Support Operations

SUPPORT REQUIREMENTS:

RANGE/TRAINING AREA: Facility Code 17413 Field Training Area

EQUIPMENT: AMAL/ADALs

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FMS-HSS-6008: Perform mass casualty care

SUPPORTED MET(S): 2

EVALUATION-CODED: NO                      SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: The Surgical Co/FRSS will perform casualty care during a mass casualty incident.

CONDITION: Given a mission, multiple casualties, personnel and Class VIII.

STANDARD: Ensure that casualties are categorized appropriately and provide resuscitative stabilization of surgical intervention.

EVENT COMPONENTS:

1. Assess the number of casualties.
2. Establish Communication with PET.
3. ID non-medical assets available to assist.
4. Provide resuscitative stabilization or surgical care.
5. Perform triage.

RELATED EVENTS:

FMS-HSS-6007	FMS-HSS-6006	FMS-HSS-6005
FMS-HSS-6004	FMSO-EVAC-1411	FMST-HSS-1421
FMSO-HSS-1502	FMSO-HSS-1407	FMST-EVAC-1423
FMST-HSS-1422		

REFERENCES:

1. MCWP 4-11.1 Health Service Support Operations
2. MCWP 4-11.2 Patient Movement
3. Emergency War Surgery (EWS) NATO Handbook
4. Prehospital Trauma Life Support (PHTLS). National Association of Emergency Medical Technicians: current edition.

SUPPORT REQUIREMENTS:

RANGE/TRAINING AREA: Facility Code 17413 Field Training Area

EQUIPMENT: AMAL/ADALs

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INF-C2-6013: Prepare for combat operations (D)

SUPPORTED MET(S): 1, 2, 3, 4, 6

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 1 month

DESCRIPTION: All Marines know mission critical information and unit is appropriately prepared/equipped to accomplish mission through order issue, inspections, rehearsals, and subordinate leader brief backs. The unit's plan has been coordinated with higher, adjacent, and supporting units.

CONDITION: Given an operations order or warning order to conduct combat operations.

STANDARD: In order to successfully accomplish the tasks/mission and satisfy commander's intent.

EVENT COMPONENTS:

1. Conduct Planning to determine, at a minimum: Mission, Cmdr's Intent, Scheme of Maneuver, Tasks & Coordinating Instructions
2. Arrange for reconnaissance: use tentative scheme of maneuver and information requirements to determine priorities for reconnaissance. Determine method of reconnaissance (leader's recon, recon patrol, aerial recon, etc.), personnel, gear and special instructions required to conduct reconnaissance.
3. Conduct Reconnaissance
4. Conduct necessary coordination with higher, adjacent, subordinate, supporting units. Coordinate with other organizations that impact the AO (NGOs, HN, etc) Coordination should include a review of tasks and intended actions (Scheme of Maneuver), fire support plan, enabler support requirements/requests, intelligence crosswalk, etc.
5. Issue necessary orders and instructions.
6. Supervise: Conduct final mission preparations. Leaders conduct brief backs of their plan. Rehearse (key actions at a minimum)
7. Perform pre-combat inspections (PCIs) - ensure equipment and weapons are ready (maintained, tested, properly stored or carried, prepared for use) ICW unit SOP. Inspections should include individual, team and unit gear including logistical resupplies, vehicles, crew served weapons, night vision equip, NBC equipment, comm equipment, etc.
8. Perform pre-combat checks (PCCs) to verify proper understanding and memory of mission critical information. Checks should include, at a minimum: mission, commander's intent, assigned tasks, signals, coordination requirements (e.g. link up instructions), tactical control measures, and key leader locations and methods of control.
9. Modify the plan based off changes to METT-T, other units' actions, and/or issues identified during rehearsals, inspections, checks, etc.

REFERENCES:

1. FMFM 6-4 Marine Rifle Company/Platoon
2. MCWP 3-1 Ground Combat Operations

3. MCWP 5-1 Marine Corps Planning Process (MCP)

SUPPORT REQUIREMENTS:

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

OTHER SUPPORT REQUIREMENTS: Combined Arms Staff Trainer (CAST)

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INF-CSS-6403: Conduct tactical logistics (B)

SUPPORTED MET(S): 1, 2, 3, 4, 6

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

CONDITION: Given a unit, equipment, a mission, and commander's intent that requires logistical sustainment, either as an independent unit or as part of a larger unit.

STANDARD: To coordinate requirements for logistical support; distribute sustainment to meet mission requirements; ensure the proper, secure, and timely use of supplies and equipment; and report logistical status per unit SOPs.

EVENT COMPONENTS:

1. Develops a logistics plan to include: establishing deliver times or supply points based on technique of distribution, identifying combat load and operational equipment requirements for the unit, procedures for maintenance and medical services, a timeline for execution, priority of support, and inspection criteria and location.
2. The unit coordinates logistical support in a timely manner to include: required classes of supply, method and location of distribution, motor transportation requirements, medical service support, and maintenance needs.
3. Conducts resupply, maintenance, and organizes service support in a secure manner, per the timeline, and to the standard and priority identified in the plan.
4. Reports logistics status to higher headquarters.
5. The unit determines the logistical requirements based on higher headquarters' requirements and in accordance with the mission.

RELATED EVENTS: INF-CSS-7402

REFERENCES:

1. FMFM 6-4 Marine Rifle Company/Platoon
2. MCDP 4 Logistics
3. MCO 3120.8A Organization of FMF for Combat
4. MCRP 3-11.2A Marine Troop Leader's Guide

SUPPORT REQUIREMENTS:

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

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MEU-OPS-6406: Process Detainees (D)

SUPPORTED MET(S): None

EVALUATION-CODED: YES SUSTAINMENT INTERVAL: 1 month

CONDITION: Given the apprehension of personnel during operations

STANDARD: To ensure safe and expeditious handling of detainees in accordance with the laws of armed conflict.

EVENT COMPONENT:

1. Search detainees for weapons and ammunition, items of intelligence value, and other inappropriate items. The search should include all clothing on the individual, to include shoes. To ensure the safety and security of the capturing force, do not exempt anything from search.
2. Photograph scenes of intelligence or judicial value.
3. Tag detainees with a DD Form 2745 (Capture Tag) or a field-expedient capture tag that includes the following information: date and time of capture, capturing unit, location of capture (grid coordinates), special circumstances of capture (how the person was captured, if the detainee resisted, if the detainee surrendered, and so forth), did the person have weapons on them at the time of capture, list all documents and other items on their person at the time of capture.
4. Report number of personnel detained. Initiate coordination for transportation of detainees to a detainee collection point (DCP).
5. Evacuate to a DCP. Deliver all documents/pocket litter captured with the detainee(s) in order to assist interrogators.
6. Segregate detainees based on perceived status of authority or position. During initial screening, identify leaders and segregate them from the remainder of the population.
7. Safeguard detainees according to applicable international customary and conventional law and US policy, law, and/or regulations. Provide medical care as needed.
8. Complete appropriate documentation in accordance with local theater guidance.

REFERENCES:

1. MCRP4-11.8D Detainee Operations

SUPPORT REQUIREMENTS:

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

OTHER SUPPORT REQUIREMENTS: 1. Assault Support Aircraft. 2. Suitable landing zone. 3. Tactical vehicle(s)

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS:

1. Evaluator will tag detainees. Marines who are tagged with incapacitating wounds drop where "hit." Marines tagged as incapacitated, do not move under their own power, but rely on others to carry them.

2. This task may be trained to standard in garrison.

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INF-CSS-6411: Process Casualties (D)

SUPPORTED MET(S): 1, 2, 3, 4, 6

EVALUATION-CODED: YES

SUSTAINMENT INTERVAL: 3 months

CONDITION: Given a unit that is conducting operations and casualties have occurred.

STANDARD: To treat, evacuate, and track casualties in a timely manner with minimal interruption of operations.

EVENT COMPONENTS:

1. Begin casualty reporting and tracking immediately after an individual is wounded, starting at the lowest level and terminating at higher headquarters.
2. In accordance with SOPs, civilian casualties are either evacuated through military system, or coordination is conducted for treatment by civilian medical personnel/facilities.
3. Injured Marine applies self-aid.
4. Marines apply buddy aid to the injured.
5. Evacuate friendly and enemy WIA and KIA to Casualty Collection Point (CCP), while taking reasonable measures to safeguard casualties.
6. Wounded enemy combatants are safeguarded/escorted as required.
7. Unit corpsmen conduct triage at CCP, and advise company leadership on evacuation priorities and numbers.
8. Conduct coordination with higher headquarters for evacuation.
9. Weapons, serialized gear, and PPE are handled and accounted for in accordance with unit SOP.

RELATED EVENTS: INF-CSS-7411

REFERENCES:

1. FMFM 6-4 Marine Rifle Company/Platoon
2. MCRP 3-02G First Aid

SUPPORT REQUIREMENTS:

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

OTHER SUPPORT REQUIREMENTS: 1. Assault Support Aircraft. 2. Suitable landing zone. 3. Tactical vehicle(s)

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: 1. Evaluator will tag casualties. Marines who are tagged with incapacitating wounds drop where "hit." Marines tagged as incapacitated, do not move under their own power, but rely on others to carry them. 2. This task may be trained to standard in garrison.

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INF-EXPO-6904: Conduct Non-Combatant Evacuation Operations (NEO) (B)

SUPPORTED MET(S): 3

EVALUATION-CODED: YES

SUSTAINMENT INTERVAL: 6 months

CONDITION: Given an order to participate in or conduct a non-combatant evacuation operation as security and/or evacuation control center (ECC) operations.

STANDARD: To safely evacuate identified personnel to amphibious shipping or another safe haven.

EVENT COMPONENTS:

1. Conduct planning, coordination, and prepare for combat.
2. Conduct intelligence preparation.
3. Task organize.
4. Draw and issue specialized equipment/prepare ECC suite.
5. Conduct movement to the objective/evacuation site.
6. Conduct security and/or ECC operations.
7. Conduct liaison/coordination with Marine Security Guard, local security, and/or State Department personnel, as required.
8. React to public order disturbance, enemy action, or reports of evacuees at other locations.
9. Conduct retrograde.
10. Send and receive required reports.
11. Conduct debrief.

RELATED EVENTS:

INF-EXPO-8904      INF-EXPO-5904

REFERENCES:

1. MCDP 1-0 Marine Corps Operations, Sep 2001

SUPPORT REQUIREMENTS:

RANGE/TRAINING AREA:

Facility Code 17410 Maneuver/Training Area, Light Forces  
Facility Code 17760 MOUT Assault Course (MAC)  
Facility Code 17962 MOUT Collective Training Facility (Small)

UNITS/PERSONNEL: 1. MOUT facility/MOUT Training area. 2. Role players (Evacuees). 3. Opposing Forces

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: 1. This may include public order operations such as augmenting local security forces, protecting key installations, riot control, removing unlawful obstructions, or dispersing an unlawful assembly.

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INF-FSPT-6301: Conduct fire support planning (D)



**SUPPORTED MET(S):** 1, 2, 3, 4, 6

**EVALUATION-CODED:** NO

**SUSTAINMENT INTERVAL:** 3 months

**CONDITION:** Given supporting attachments operating in a MAGTF, Joint, and Combined, and/or Inter agency environment, a higher headquarters operations order, commander's guidance.

**STANDARD:** To rapidly and effectively deliver fires to support the scheme of maneuver/concept of operations in order to achieve the commander's intent.

**EVENT COMPONENTS:**

1. Begin D3A process
2. Review available intelligence and assess current situation.
3. Identify available fire support assets.
4. Develop Essential Fires Support Tasks (EFSTs).
5. Determine desired effects (i.e., suppress, neutralize, or destroy).
6. Develop fire support plan in concert with the scheme of maneuver.
7. Employ ISR to support fire support planning.
8. Determine priorities of fires, allocation of assets, positioning of units/agencies.
9. Identify priority targets and make plans to shift as the operation progresses.
10. Establish fire support coordination measures (FSCMs).
11. Coordinate the establishment of aviation control measures (ACMs).
12. Identify ammunition and target restrictions.
13. Identify Rules of Engagement (ROE) restrictions.
14. Conduct Targeting Board.
15. Develop Attack Guidance Matrix (AGM).
16. Conduct weaponeering and collateral damage estimates (CDE).
17. Submit overall fire support requirements for NSFS, artillery, an aviation to appropriate agencies in a timely manner.
18. Plan for the displacement of the FiST.
19. Plan for the transition of fires control
20. Coordinate for the use of airspace.
21. Coordinate and integrate subordinate elements fire support plans.
22. Prepare a fire support overlay.
23. Publish the fire support plan.

**RELATED EVENTS:**

INF-FSPT-7302      INF-WPNS-5302      INF-FSPT-6302  
INF-FSPT-7301

**REFERENCES:**

1. FM 3-09.31 Tactics, Techniques, and Procedures for Fire Support for the Combined Arms Commander
2. JP 3-09 Joint Fire Support
3. MCRP 3-15.2A Mortars
4. MCRP 3-16.6A Multi-Service Procedures for the Joint Application of Firepower (J-FIRE)
5. MCRP 3-16A Tactics, Techniques, and Procedures for the Targeting Process
6. MCRP 3-16C Tactics, Techniques, and Procedures for Fire Support for the Combined Arms Commander

7. MCWP 3-16 Fire Support Coordination in the Ground Combat Element
8. MCWP 3-16.6A Supporting Arms Observer, Spotter and Controller (FMFM 6-8)
9. MCWP 3-31.6 Supporting Arms Coordination in Amphibious Operations

**SUPPORT REQUIREMENTS:**

**OTHER SUPPORT REQUIREMENTS:** 1. Supporting fire support agencies should be present for fire support planning.

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**INF-FSPT-6302:** Conduct Fire Support Team (FiSt) Operations (B)

**SUPPORTED MET(S):** 1, 2, 3, 4, 6

**EVALUATION-CODED:** NO

**SUSTAINMENT INTERVAL:** 12 months

**CONDITION:** Given a tactical scenario including: company commander's scheme of maneuver, higher headquarters' fire support guidance/plan, fire support agencies, communications equipment, and appropriate maps, FiST battle board, and target identification/acquisition devices.

**STANDARD:** To achieve effective combined arms employment in support of company commander's scheme of maneuver/concept of operations.

**EVENT COMPONENTS:**

1. Begin the initial adjust fire process/requests for fires in support of fire planning.
2. Develop plan for fires based on scheme of maneuver, EFSTs, assets available, and commander's guidance.
3. Integrate and de-conflict direct, indirect, and aviation delivered fires.
4. FiST tactically assumes position to best coordinate fires and maneuver.
5. Send and receive reports as required and maintain situational awareness.
6. FiST selects appropriate supporting agency (60s, 81s, Artillery, HSFS, F/W, or R/W aviation) to prosecute target.
7. Coordinate and deconflict fire plan with higher, adjacent, and supporting agencies.
8. FiST conducts rehearsal of fire support plan.
9. Execute fire support coordination.
10. Confirm fires are delivered in the required manner and are having the appropriate effect. Adjustments are made as required.
11. Establish and maintain coordination with maneuver commanders and supporting agencies to continue, shift, or cease fires as required.
12. Report effects of fires to company commander and pass effects of fires to supporting agencies when the mission is completed. Record as required.
13. FiST prepares for follow-on missions/tasks.
14. FiST leader orients team to targets, briefs enemy situation.
15. FiST conducts battle drill per unit SOP: team determines target(s), location(s), direction, distance, and elevation.
16. FiST confirms friendly position(s) and status of fire support agencies to include priority targets and non-organic assets available.

17. Report lead trace/position of friendly units to supporting agencies/  
higher headquarters and conduct initial coordination for fires.

**RELATED EVENTS:**

INF-FSPT-7302      INF-WPNS-5302      INF-FSPT-6301  
INF-FSPT-7301

**REFERENCES:**

1. JP 3-09 Joint Fire Support
2. MCRP 3-15.2A Mortars
3. MCRP 3-16.1A Tactics, Techniques and Procedures for Field Artillery  
Target Acquisition
4. MCRP 3-16.2 Techniques and Procedures for Fire Support Coordination
5. MCRP 3-16C Tactics, Techniques, and Procedures for Fire Support for the  
Combined Arms Commander
6. MCWP 3-16 Fire Support Coordination in the Ground Combat Element
7. MCWP 3-16.6A Supporting Arms Observer, Spotter and Controller (FMFM 6-  
8)

**SUPPORT REQUIREMENTS:**

**RANGE/TRAINING AREA:**

Facility Code 17670 Mortar Range  
Facility Code 17671 Field Artillery Indirect Fire Range  
Facility Code 17936 Close Air Support Range  
Facility Code 17410 Maneuver/Training Area, Light Forces  
Facility Code 17430 Impact Area Dudded

**ROOMS/BUILDINGS:** 1. Combined Arms Staff Trainer (CAST)

**UNITS/PERSONNEL:** 1. Close Air Support (CAS) aircraft/Forward Air Controller  
(FAC). 2. Mortar/Artillery Unit. 3. Naval Surface Fires Platform

**MISCELLANEOUS:**

**ADMINISTRATIVE INSTRUCTIONS:** Live fire training area suitable for the  
coordinated employment of mortars, artillery, CAS, and NSFS Note: Range must  
be capable of laser targeting/acquisition device employment.

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**INF-MAN-6109:** Conduct a Raid

**SUPPORTED MET(S):** 1

**EVALUATION-CODED:** YES

**SUSTAINMENT INTERVAL:** 6 months

**CONDITION:** The company is ordered to conduct a limited objective attack with  
a planned withdrawal upon completion of the mission in either a combat or  
stability environment. The company can be mounted, mechanized, embarked  
aboard zodiacs (CRRC's), helicopter borne or foot mobile. The company is  
located in an assembly area. The company will provide its own security. The  
company has attached: Scout Sniper Team, obstacle clearing detachment. The  
company may also have in direct support a transportation unit and unmanned

aerial surveillance

**STANDARD:** The company conducts a raid in accordance with the order, SOP and higher commander's guidance. The raid force achieves its mission and withdrawals using a different route than was used in the approach when possible. The company complies with the ROE and Commanders Intent/guidance.

**EVENT COMPONENTS:**

1. Conduct intelligence preparation necessary to allow for precise planning.
2. Organize raid force into functional groups/elements, each tailored to carry out essential tasks (normally: command, reconnaissance, support, assault, security, and reserve).
3. Develop a scheme of maneuver that is simple, detailed, and clearly understood by all.
4. Conduct fire support planning, and establish control measures that maximize detail, precision, and surprise.
5. Develop contingency plans for premature detection.
6. Identify Go/No Go criteria, abort-decisions during movement to objective, and decision points to execute alternate plans.
7. Considering the situation and time available back plan from actions on the objective to develop a scheme of maneuver that includes withdrawal (and insert/extract means if appropriate).
8. Infiltrate to the objective.
9. Isolate the objective.
10. Conduct actions on the objective.
11. Before the enemy has time to react, withdraw along specified routes, in a specified sequence, with identified elements and/or fires used to cover/delay.
12. Send and receive required reports.
13. Ensure accountability of all personnel and equipment throughout the raid.
14. Conduct debrief.
15. Conduct rehearsals and preparations to address all contingencies and alternate plans.

**CHAINED EVENTS:** INF-MAN-5113

**REFERENCES:**

1. FMFM 6-4 Marine Rifle Company/Platoon
2. MCWP 3-43.1 Raid Operations

**SUPPORT REQUIREMENTS:**

**RANGE/TRAINING AREA:**

Facility Code 17631 Light Antiarmor Weapons Range Live  
Facility Code 17410 Maneuver/Training Area, Light Forces  
Facility Code 17581 Machine Gun Field Fire Range  
Facility Code 17670 Mortar Range  
Facility Code 17430 Impact Area Dudded  
Facility Code 17671 Field Artillery Indirect Fire Range  
Facility Code 17730 Fire And Movement Range  
Facility Code 17936 Close Air Support Range

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: 1. Amphibious raids will include detailed planning, coordination, and rehearsals with Navy and other designated personnel for the conduct of ship-to-shore surface or air movement. Specific procedures, requirements, factors, control measures, and expertise for specific amphibious insertion techniques will be required. 2. Range must support all company weapons and attached weapons, to include dud-producing ordnance and overhead fires.

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INF-MAN-6113: Conduct a relief in place (RIP)

SUPPORTED MET(S): 1

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 3 months

CONDITION: As either the stationary or relieving unit, given supporting attachments operating in a MAGTF, Joint, Combined, and/or Interagency environment, a higher headquarters operations order, commander's guidance.

STANDARD: To ensure passage of tactical responsibilities, and control of a designated area with minimal disruption in operations.

EVENT COMPONENTS:

1. Employ all means to ensure common view of battle space and operations and passage of information, to include but not limited to: co-location of command groups and exchange of liaison personnel at all levels.
2. Exchange all required intelligence and tactical information.
3. Coordinate/identify when and where battle handover/passage of command will occur.
4. Provide an operations overlay and a copy of the fragmentary order to the relieving unit.
5. Conduct detailed coordination and liaison between representatives of fire support units in support of both units at the command post (CP)/combat operations center (COC) of the stationary unit.
6. Provide fire plan sketches or overlays to the relieving units.
7. Maintain security and communications at normal levels.
8. Keep liaison personnel in position until the relieving unit has assumed control.
9. Conduct the movement of units over planned routes, based on the planned sequence of movement and relief.
10. Maintain noise and light discipline and the dispersion of forces throughout movement.
11. Use guides to lead relieving units into positions and to lead relieved units out of position.
12. Relieve local security units last.
13. Keep fire support assets in position throughout the relief of maneuver units. Ensure they are prepared to support both units.
14. Ensure that at every level down to and including the individual Marine, face-to-face briefs are conducted.
15. Conduct familiarization and combined operations to ensure relieving unit readiness to assume mission, if applicable.

16. Relieve crew-served weapons personnel after rifle units.
17. Relinquish responsibility for the area upon agreement by the two commanders and after approval from the higher commander.
18. Send and receive required reports.
19. Coordinate the transfer or exchange of supplies and equipment to include: communications, wire lines, radio antennas, and petroleum, oils, and lubricants (POL).
20. Use assembly areas that provide cover and concealment and are large enough to allow for the dispersion of units.
21. Maintain all-around security throughout the entire relief of units.
22. Account for all personnel, supplies, and equipment.
23. Execute tactical deception during the relief.
24. Conduct coordination and planning between higher headquarters, both stationary and relieving unit, as well as all other supporting units and fire support agencies.

**RELATED EVENTS:** INF-MAN-7136

**REFERENCES:**

1. FMFM 6-4 Marine Rifle Company/Platoon

**SUPPORT REQUIREMENTS:**

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

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**INF-MAN-6114:** Conduct a Passage of Lines

**SUPPORTED MET(S):** 1

**EVALUATION-CODED:** NO

**SUSTAINMENT INTERVAL:** 12 months

**CONDITION:** As either the moving or stationary unit, given supporting attachments operating in a MAGTF, Joint, Combined, and/or Interagency environment, a higher headquarters operations order, commander's guidance.

**STANDARD:** To ensure the safety of all personnel involved.

**EVENT COMPONENTS:**

1. Coordination conducted with higher headquarters and between passing units to limit enemy observation and awareness of passage of lines.
2. Conduct coordination and planning between higher headquarters, both stationary and moving unit, as well as all other supporting units and fire support agencies.
3. Employ all means to ensure common view of battle space and operation and passage of information, to include but not limited to: co-location of command groups and exchange of liaison personnel at all levels.
4. Exchange all required intelligence and tactical information.
5. Establish graphic control measures (start points, contact points, passage lanes, passage points, release points) and coordinate with all units involved in the passage.
6. Send and receive required reports.

7. Coordinate/identify when and where battle handover/passage of command will occur.
8. Coordinate plan for casualty evacuation and detainee handling.
9. Arrange for leader's reconnaissance of passage area and forward battle space by elements of the moving unit.
10. Stationary unit selects and marks passage lanes/points/areas, and positions personnel to guide moving unit.
11. Establish priorities for use of routes and resources.
12. The stationary unit controls/delivers supporting fires prior to, and until battle handover/passage of command.
13. Conduct continual coordination during movement and passage to include marking/identification of moving unit's lead and rear trace.
14. At identified release points, moving unit commanders re-assume control of their units.
15. Moving unit assumes responsibility for control of fires and battle space from stationary unit at the planned/coordinated time/place.

**RELATED EVENTS:** INF-MAN-7124

**REFERENCES:**

1. FM 17-95 Cavalry
2. FM 17-97 Cavalry Troop

**SUPPORT REQUIREMENTS:**

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

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**INF-MAN-6150:** Occupy an Assembly Area

**SUPPORTED MET(S):** None

**EVALUATION-CODED:** NO

**SUSTAINMENT INTERVAL:** 1 month

**CONDITION:** Given an assigned sector or battle position to defend as a battalion that is conducting tactical operations with supporting attachments operating in a MAGTF, Joint, and Combined, and/or Interagency environment, a higher headquarters operations order, commander's guidance.

**STANDARD:** To accomplish the mission, fulfill commander's intent, and be prepared for follow-on missions.

**EVENT COMPONENTS:**

1. Establish communications and signals plan.
2. Establish alert postures.
3. Conduct continuing actions.
4. Send and receive required reports.
5. Establish and rehearse final protective fires, counterattack plan, and defensive battle drills.
6. Conduct planning, inspections, and preparation.
7. Task organize.
8. Make reconnaissance and establish initial security.

9. Identify and mark primary, alternate, and supplementary positions.
10. Occupy the defense using marked occupation routes.
11. Initiate patrolling plan and improve security.
12. Identify, mark, and establish command posts.
13. Conduct work in accordance with priorities and timeline.
14. Establish and mark sectors of fire for subordinate, supporting, and attached units.
15. Establish fields of fire.
16. Coordinate and supervise at all levels to ensure effective employment of weapon systems, safety, and the geometry of fires.
17. Emplace obstacles.
18. Conduct the fire support/targeting process and ensure integration of direct and indirect fires.
19. Register indirect fires.
20. Produce, receive, and forward fire plan sketches and range cards.
21. Refine positions.
22. Entrench and improve positions.

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**INF-MAN-6154**: Conduct a Helicopter/Tilt-Rotor Borne Operations (B)

**SUPPORTED MET(S)**: 1

**EVALUATION-CODED**: YES

**SUSTAINMENT INTERVAL**: 12 months

**CONDITION**: Given a unit, equipment, a mission, and commander's intent.

**STANDARD**: To accomplish the mission and meet commander's intent.

**EVENT COMPONENTS**:

1. Reduce obstacles and mines in the vicinity of the LZ.
2. Upon landing, lead elements of the assault force quickly clear the immediate vicinity of the zone, move to previously assigned areas, and establish positions that provide protection for subsequent waves.
3. Quickly build up combat power in the zone.
4. Maintain security during landing and adjust unit and weapons positions as required.
5. Task helicopter support teams (HSTs) and equip them to conduct external loading and unloading and to relieve any ITG teams.
6. Conduct terminal guidance (if applicable).
7. Establish a means of maintaining ground unit leader's situational awareness while on aircraft.
8. Develop link-up plan (if applicable).
9. Conduct planning, inspections and preparation (must include primary/alternate routes and landing zones (LZs), loading plan/pick-up LZ plan, and landing plan/insert LZ plan).
10. Conduct fire support planning/deconfliction and combined arms rehearsal to support aviation movement routes, preparatory fires (if applicable), suppression of enemy air defense (SEAD), and insert.
11. Ensure assault force Marines, aircraft crew chiefs, and ground and aviation leaders at all levels exhibit a clear understanding of embarkation/debarkation of aircraft, actions in insert LZs/geometry of fires, and emergency/safety procedures.



12. Develop an accurate system for manifesting all Marines to ensure accountability throughout the operation.
13. Conduct ground or aerial reconnaissance to gain information (routes of ingress/egress, landing sites, obstacles, enemy positions, anti-aircraft defense, etc.).
14. Task Organize
15. Maintain security during loading.
16. Establish a bump plan.
17. Establish Go/No Go criteria (if applicable).
18. Control and coordinate fires in support of movement, insert, and attack. (Establish criteria for hand-off of control of fires from aviation elements to the assault force element.)
19. Develop plan for airborne command and control (if applicable).
20. Send and receive required reports.

**RELATED EVENTS:**

INF-EXPO-5905      INF-MAN-5111      INF-MAN-6101  
INF-MAN-7102

**REFERENCES:**

1. FMFM 6-4 Marine Rifle Company/Platoon
2. MCWP 3-11.4 Helicopter Borne Operations

**SUPPORT REQUIREMENTS:**

**RANGE/TRAINING AREA:**

Facility Code 17631 Light Antiarmor Weapons Range Live  
Facility Code 17670 Mortar Range  
Facility Code 17410 Maneuver/Training Area, Light Forces  
Facility Code 17430 Impact Area Dudded  
Facility Code 17581 Machine Gun Field Fire Range  
Facility Code 17671 Field Artillery Indirect Fire Range  
Facility Code 17730 Fire And Movement Range  
Facility Code 17936 Close Air Support Range

**OTHER SUPPORT REQUIREMENTS:** 1. Helicopter support. 2. Suitable Helicopter landing zone. 3. Range must support all company weapons and attached weapons, to include dud-producing ordnance overhead fires.

**MISCELLANEOUS:**

**ADMINISTRATIVE INSTRUCTIONS:** 1. Planning, preparations, and rehearsals must be conducted with full representation from assault/escort and other supporting aviation, higher headquarters, attachments, and fire support agencies. 2. Ground actions in insert LZ/on the objective must drive the aviation plan (not vice versa).

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**INF-MAN-6710:** Conduct a cordon and search (B)

**SUPPORTED MET(S):** 1, 2, 3, 6

**EVALUATION-CODED:** YES

**SUSTAINMENT INTERVAL:** 6 months

**CONDITION:** Given an order, a specified location, appropriate supporting personnel, and commander's intent.

**STANDARD:** To locate and/or seize designated personnel, weapons, and/or equipment.

**EVENT COMPONENTS:**

1. Initiate reconnaissance plan.
2. Conduct planning and coordination with higher, supporting, adjacent, and attached units.
3. Task organize.
4. Establish cordon and search battle drills.
5. Issue the order.
6. Establish inner and outer cordon around the search area/location and prevent movement into out of the area.
7. Maintain situational awareness of units and factors relative to the cordon and search.
8. Search site for personnel, weapons, equipment, or other contraband.
9. Send and receive required reports.
10. Employ battle drills, as necessary.
11. Execute the mission.
12. Conduct retrograde.
13. Conduct debrief.

**RELATED EVENTS:**

INF-MAN-5710            INF-PAT-6141

**REFERENCES:**

1. MCIP 3-33.01 Small Unit Leader's Guide to Counterinsurgency
2. MCRP 3-31.4B Multi-service Tactics, Techniques, and Procedures for Cordon and Search Operations
3. MCWP 3-33.5 Counterinsurgency Operations
4. BUST Handbook

**SUPPORT REQUIREMENTS:**

**RANGE/TRAINING AREA:**

Facility Code 17962 MOUT Collective Training Facility (Small)  
Facility Code 17410 Maneuver/Training Area, Light Forces

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**INF-PAT-6141:** Conduct security operations (D)

**SUPPORTED MET(S):** 1, 2, 3, 6

**EVALUATION-CODED:** NO

**SUSTAINMENT INTERVAL:** 12 months

**CONDITION:** Given an order, a clearly delineated security area and/or route, necessary equipment, and considering the situation, unit capabilities, and time available.

**STANDARD:** To deny the enemy the ability to influence friendly actions in a specific area/route and/or deny its use.

**EVENT COMPONENTS:**

1. Coordinate with local authorities, the civilian population, multi-national forces, and other service components as required.
2. Conduct planning, inspections, and preparation.
3. Task organize.
4. Conduct operations.
5. Prevent enemy ground forces from coming within direct fire range, or influencing the protected route or area.
6. Emplace obstacles or mines in support of the scheme of maneuver.
7. Detect and defeat enemy observation/reconnaissance.
8. Maintain a quick reaction force/reserve to respond to situations and contingencies.
9. Send and receive required reports.

**RELATED EVENTS:**

INF-MOUT-5814      INF-MAN-5710      INF-MAN-6710  
INF-MOUT-5803

**REFERENCES:**

1. FM 17-95 Cavalry
2. FM 17-97 Cavalry Troop
3. MCDP 1-3 Tactics

**SUPPORT REQUIREMENTS:**

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

**AIRCRAFT:** Close Air Support (CAS) aircraft/Forward Air Controller (FAC)

**MISCELLANEOUS:**

**ADMINISTRATIVE INSTRUCTIONS:** 1. Conduct of security operations may include tactical operations such as: patrols, vehicle checkpoints, cordon operations, etc. Combined operations with host nation forces may be an integral aspect of this task depending on METT-TSL.

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**INF-STAB-6602:** Restore civil security

**SUPPORTED MET(S):** 3

**EVALUATION-CODED:** YES

**SUSTAINMENT INTERVAL:** 6 months

**DESCRIPTION:** This task supersedes the task "Conduct Civil Disturbance Operations" contained in the previous edition of the T&R.

**CONDITION:** Given a unit, and a mission with commander's intent.

**STANDARD:** To contain or quell the situation in accordance with commander's intent.

**EVENT COMPONENTS:**

1. Establish a media/public affairs plan.
2. Conduct public order operations, to include, but not limited to: augmenting civil authority security forces, protecting key installations, riot control, removing unlawful obstructions, or dispersing an unlawful assembly.
3. Establish teams in overwatch.
4. When operating in support of local security forces/police, exchange liaison personnel and co-locate command posts.
5. Identify and position a quick reaction force to reinforce/support as required.
6. Escalate force as necessary to achieve control.
7. Employ non-lethal weapons (when available) to reduce collateral damage and injury to civilians, while simultaneously ensuring readiness to apply lethal force if required.
8. Send and receive required reports.
9. Identify and prioritize key facilities/area to be protected.
10. Incorporate local and civil authorities into planning, preparation, and execution, if applicable.
11. Minimize collateral damage.
12. Conduct appropriate pre-combat preparations, rehearsals, checks, and inspections.
13. Task organize.
14. Conduct reconnaissance and IPB/IPOE, if applicable.
15. Request and distribute specialized equipment and PPE.
16. Identify restraints/constraints with regard to detainee handling and other mission-particular factors.

**REFERENCES:**

1. FM 3-07 Stability Operations (2008)
2. MCIP 3-33.01 Small Unit Leader's Guide to Counterinsurgency
3. MCWP 3-33.5 Counterinsurgency Operations

**SUPPORT REQUIREMENTS:**

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

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**LAR-DEF-6091:** Conduct a screen

**SUPPORTED MET(S):** 3, 4, 5, 7

**EVALUATION-CODED:** YES

**SUSTAINMENT INTERVAL:** 6 months

**CONDITION:** Given an Operations Order.

**STANDARD:** To protect a friendly unit from enemy reconnaissance or contact.

**EVENT COMPONENTS:**

1. Company commander plans the screen mission, incorporating fire support, employment of C4I assets, and logistical support.
2. Report all threat activity to higher headquarters

3. Destroy or repel enemy reconnaissance units within capability.
4. Gain and Maintain contact with the enemy and report their activity
5. Be prepared to conduct a battle handover as necessary.
6. Maintain continuous surveillance of all company sized avenues of approach.
7. Locate the lead enemy unit of each suspected advance guard formation and determine its direction of movement.
8. Delay, impede, and or attrite enemy force by employing direct and indirect fire support.
9. Does not become decisively engaged unless directed.

**CHAINED EVENTS:** LAR-DEF-5091

**REFERENCES:**

1. FM 17-97 Cavalry Troop
2. FM 3-20.97 Reconnaissance Troop
3. MCWP 3-14.1 Light Armored Vehicle-25 Gunnery and Employment

**SUPPORT REQUIREMENTS:**

**ORDNANCE:**

**DODIC Quantity**

A059 Cartridge, 5.56mm Ball M855 10/Clip 90 (per weapon)  
A063 Cartridge, 5.56mm Tracer M856 Single 10 (per weapon)  
A064 Cartridge, 5.56mm 4 Ball M855/1 Tracer 200 (per weapon)  
A075 Cartridge, 5.56mm Blank M200 Linked 200 (per weapon)  
A080 Cartridge, 5.56mm Blank M200 Single 90 (per weapon)  
A112 Cartridge, 7.62mm Blank M82 200 (per weapon)  
A131 Cartridge, 7.62mm 4 Ball M80/1 Trace 200 (per weapon)  
A358 Cartridge, 9mm TP-T M939 for AT-4 Tr 2 (per weapon)  
A363 Cartridge, 9mm Ball M882 50 (per weapon)  
A576 Cartridge, Caliber .50 4 API M8/1 AP 200 (per weapon)  
A606 Cartridge, Caliber .50 API MK211 Mod 10 (per weapon)  
A940 Cartridge, 25mm TPDS-T M910 Linked 60 (per weapon)  
A976 Cartridge, 25mm TP-T M793 Linked 150 (per weapon)  
AX11 Cartridge, 9mm Spotting Rifle MK212 3 (per weapon)  
B535 Cartridge, 40mm White Star Parachute 2 (per weapon)  
B542 Cartridge, 40mm HEDP M430/M430A1 Lin 96 (per weapon)  
B546 Cartridge, 40mm HEDP M433 5 (per weapon)  
BA12 Cartridge, 40mm Practice MK 281 Mod 5 (per weapon)  
C869 Cartridge, 81mm HE M889/M889A1 with 10 (per weapon)  
C870 Cartridge, 81mm Smoke Red Phosphorus 10 (per weapon)  
C871 Cartridge, 81mm Illuminating M853A1 10 (per weapon)  
G930 Grenade, Hand Smoke HC AN-M8 20  
G940 Grenade, Hand Green Smoke M18 20  
G945 Grenade, Hand Yellow Smoke M18 20  
HA34 Rocket 83mm HE, SMAW-NE, MK80-0 1 (per weapon)  
HX07 Rocket, 83mm HEAA Practice MK7 Mod 0 1 (per weapon)  
L307 Signal, Illumination Ground White St 10  
L312 Signal, Illumination Ground White St 10  
L314 Signal, Illumination Ground Green St 10

**RANGE/TRAINING AREA:**

Facility Code 17410 Maneuver/Training Area, Light Forces

Facility Code 17413 Field Training Area  
Facility Code 17631 Light Antiarmor Weapons Range Live  
Facility Code 17640 Antiarmor Tracking And Live-Fire Range  
Facility Code 17660 Tank/Fighting Vehicle Stationary Gunnery Range  
Facility Code 17730 Fire And Movement Range  
Facility Code 17641 Automated Antiarmor Tracking And Live-Fire Range  
Facility Code 17420 Maneuver/Training Area, Heavy Forces  
Facility Code 17721 Tank/Fighting Vehicle Multipurpose Range Complex,

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LAR-DEF-6096: Conduct area security

SUPPORTED MET(S): 3, 4, 5, 7

EVALUATION-CODED: YES

SUSTAINMENT INTERVAL: 6 months

CONDITION: Given an Operations Order.

STANDARD: To deny the enemy use of the area.

EVENT COMPONENTS:

1. Employs all available assets in order to influence friendly actions in a specific area.
2. Move into the area and find, fix and destroy enemy forces.
3. Defend the area and counters penetrations.
4. Maintain a quick reaction force and reserve to respond to enemy contact, civil disturbance, and/or any other contingency.
5. Prepare to execute a relief-in-place or battle handover with higher, adjacent, or follow-on units.
6. The company commander and staff conduct the planning process and develops a course of action, issues the order, and supervises rehearsals.

RELATED EVENTS:

LAR-PAT-5168      LAR-SCT-5296      LAR-PAT-4187

REFERENCES:

1. FM 17-97 Cavalry Troop
2. FM 3-20.97 Reconnaissance Troop
3. MCWP 3-14.1 Light Armored Vehicle-25 Gunnery and Employment

SUPPORT REQUIREMENTS:

ORDNANCE:

DODIC Quantity

A 559 Cartridge .50 Caliber Blank Linked 200 (per weapon)  
A075 Cartridge, 5.56mm Blank M200 Linked 200 (per weapon)  
A080 Cartridge, 5.56mm Blank M200 Single 90 (per weapon)  
A112 Cartridge, 7.62mm Blank M82 200 (per weapon)  
G930 Grenade, Hand Smoke HC AN-M8 10  
G940 Grenade, Hand Green Smoke M18 10  
G945 Grenade, Hand Yellow Smoke M18 10  
L307 Signal, Illumination Ground White St 5  
L312 Signal, Illumination Ground White St 5

L314 Signal, Illumination Ground Green St 5

RANGE/TRAINING AREA:

Facility Code 17410 Maneuver/Training Area, Light Forces  
Facility Code 17413 Field Training Area  
Facility Code 17420 Maneuver/Training Area, Heavy Forces

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LAR-MNVR-6001: Conduct zone reconnaissance

SUPPORTED MET(S): 3, 5, 6

EVALUATION-CODED: YES SUSTAINMENT INTERVAL: 6 months

CONDITION: Given an Operation Order.

STANDARD: To provide critical information to higher.

EVENT COMPONENTS:

1. Locates suitable fording or crossing sites near all bridges in zone.
2. Reconnoiters all defiles within the zone to locate all enemy or obstacles within the defile; destroys enemy within capability or locates a bypass. Reduces or bypasses all obstacles within the defile.
3. Company finds all enemy forces within the zone, determining locations, strength, composition, and activity.
4. Reports reconnaissance information to higher headquarters.
5. Detects all enemies within the zone and reports to higher headquarters. Destroys or repels all enemy elements (IAW higher commander's intent) by employing indirect fires as the primary means, and direct fires as a last resort.
6. Company Commander receives Operations Order and issues a company level order.
7. Reconnoiters and determines trafficability of all terrain within the zone, to include urban areas.
8. Reconnoiters all open terrain within the zone, determining trafficability of all open terrain, cover and concealment information, inter-visibility information, and updates all map data.
9. Inspects and classifies all bridges within the zone.
10. Inspects and classifies all overpasses, underpasses, and culverts.
11. Locates a bypass around mines, obstacles, and barriers. If bypass not available, reduces obstacles/barriers within capability.

CHAINED EVENTS:

LAR-MNVR-5001      LAR-MNVR-4001      0313-RECN-2103  
LAR-MNVR-3001

REFERENCES:

1. FM 17-97 Cavalry Troop
2. FM 3-20.97 Reconnaissance Troop
3. MCWP 3-14.1 Light Armored Vehicle-25 Gunnery and Employment

SUPPORT REQUIREMENTS:

**ORDNANCE:**

**DODIC Quantity**

A 559 Cartridge .50 Caliber Blank Linked 200 (per weapon)  
A075 Cartridge, 5.56mm Blank M200 Linked 200 (per weapon)  
A080 Cartridge, 5.56mm Blank M200 Single 90 (per weapon)  
A112 Cartridge, 7.62mm Blank M82 200 (per weapon)  
G930 Grenade, Hand Smoke HC AN-M8 10  
G940 Grenade, Hand Green Smoke M18 10  
G945 Grenade, Hand Yellow Smoke M18 10  
L307 Signal, Illumination Ground White St 5  
L312 Signal, Illumination Ground White St 5  
L314 Signal, Illumination Ground Green St 5

**RANGE/TRAINING AREA:**

Facility Code 17420 Maneuver/Training Area, Heavy Forces  
Facility Code 17410 Maneuver/Training Area, Light Forces  
Facility Code 17413 Field Training Area

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**LEO-LO-6001:** Conduct a Law Enforcement patrol

**SUPPORTED MET(S):** None

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

**CONDITION:** Across the range of military operations (ROMO), given a mission, unit, equipment, and references.

**STANDARD:** To accomplish the mission and meet commander's intent.

**EVENT COMPONENTS:**

1. Coordinate and conduct movement at specified times and along specified times and along specified.
2. Employ supporting arms as required.
3. Establish patrol base, if applicable.
4. Conduct planning of factors relevant to the patrol to include tactical control measures and fire support plan.
5. Conduct inspections, rehearsals, and preparation.
6. Task organize.
7. Issue order.
8. Coordinate with adjacent, attached, and supporting units.
9. Conduct directed actions during the patrol.
10. Send and receive required reports.
11. Employ patrol battle drills for given situations.
12. Complete actions on the objective/mission requirements.
13. Conduct re-entry of friendly lines/extraction from patrolling area.
14. Conduct patrol debrief.
15. Occupy assembly area and conduct forward unit coordination.
16. Depart friendly lines.

**REFERENCES:**

1. MCWP 3-11.3 Scouting and Patrolling
  2. MCWP 3-34.1 Military Police In Support of the MAGTF
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**LEO-LO-6003**: Conduct limited detainee/EPW operations

**SUPPORTED MET(S)**: None

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

**CONDITION**: Across the range of military operations (ROMO), given a mission, unit, equipment, and references.

**STANDARD**: To ensure safe and expeditious handling of detainees in accordance with the laws of armed conflict.

**EVENT COMPONENTS**:

1. Establish a forward EPW collection point.
2. Provide cadre support to a detainee/EPW holding facility.
3. Process detainees/EPW.

**REFERENCES**:

1. FMFM 6-4 Marine Rifle Company/Platoon
  2. MCRP 4-11.8C Enemy Prisoners of War and Civilian Internees
  3. MCWP 3-34.1 Military Police In Support of the MAGTF
- 

**LOG-OPS-6004**: Conduct convoy operations

**SUPPORTED MET(S)**: None

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

**DESCRIPTION**: This event is for any company sized unit tasked to conduct convoy operations.

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

**STANDARD**: In order to support movement timeline, maintaining safety and accountability.

**EVENT COMPONENTS**:

1. Receive/review intelligence reports.
2. Determine lift requirements.
3. Conduct route reconnaissance.
4. Task organize.
5. Develop a movement plan.
6. Submit movement plan to higher headquarters.
7. Coordinate cas/medevac support procedures.
8. Direct loading operations.
9. Issue order to all organic, attached, and supporting units.
10. Conduct pre-combat actions, checks/inspections.
11. Direct the movement of the convoy.
12. Establish convoy communication.
13. Conduct cross-boundary coordination.
14. Employ current technology and equipment (e.g., COMM, BFT, CREW).
15. Employ crew-served weapons from motorized platforms.

16. Direct the defense of the convoy.
17. Conduct escalation of force.
18. React to enemy contact (e.g., IED, small arms, complex ambush).
19. Supervise vehicle fording operations.
20. React to a vehicle roll over.
21. Supervise vehicle recovery operations.
22. Supervise field expedient repairs.
23. Supervise limited visibility driving operations.
24. Send and receive required reports.
25. Conduct convoy debrief with convoy personnel.
26. Conduct mission debrief with appropriate staff.
27. Prepare mission after-action brief.

**REFERENCES:**

1. FM 20-22 Vehicle Recovery Operations
2. FM 20-30 Battlefield Damage Assessment and Repair
3. FM 55-15 Transportation Reference Data
4. MCRP 4-11.3F Convoy Operations Handbook
5. MCWP 4-11.3 Transportation Operations
6. NAVSEA OP 2239 Explosive Driver Handbook
7. Unit SOP Unit SOP

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**MEU-GCE-6001:** Conduct Waterborne Ship-to-Shore Movement Using Small Boat  
(31st MEU Only)

**SUPPORTED MET(S):** 21, 22, 25

**EVALUATION-CODED:** NO

**SUSTAINMENT INTERVAL:** 12 months

**CONDITION:** Given a reconnaissance team, an appropriate situation and mission

**STANDARD:** Ensuring all personnel and equipment are ashore to conduct mission.

**EVENT COMPONENTS:**

1. Launch small craft from surface platform.
2. Conduct appropriate movement techniques including over the horizon navigation.
3. Conduct mission planning.
4. Prepare personnel and equipment for mission.
5. Execute appropriate emergency procedures as required. (e.g. man overboard, capsized boat, towing procedures engine failure)
6. Conduct clandestine amphibious landing.
7. Conduct mission.
8. Conduct extract.
9. Conduct recovery of small craft and personnel.

**REFERENCES:**

1. COMDINST MI6114.5A U. S. Coast Guard Boat Crew Seamanship Manual
2. COMNAVSURFPAC/COMNAVSURFLANT INSTR 3480.1B Joint Surf Manual
3. OPNAVINSTRUCTION 1500.75 High Risk Training Order

MEU-GCE-6002: Conduct Non-Lethal Weapons Operations

SUPPORTED MET(S): 27

EVALUATION-CODED: NO SUSTAINMENT INTERVAL: 12 months

CONDITION: Given a condition where deadly force is not appropriate

STANDARD: To maintain or reestablish order.

EVENT COMPONENTS:

1. Conduct mission analysis of situation requiring less than lethal force.
2. Determine Rules of Engagement restrictions for implementation of force.
3. Develop plan to reinforce unit conducting less than lethal operations.
4. Employ unit to maintain order utilizing force continuum.
5. Redeploy unit.

REFERENCES:

1. FM 3-19.15 Civil Disturbance Operations
  2. MCWP 3-15.8 Multi-service Procedures for the Tactical Employment of Non-lethal Weapons
- 

MEU-VBSS-6001: Conduct a VBSS mission

SUPPORTED MET(S): 1

EVALUATION-CODED: NO SUSTAINMENT INTERVAL: 6 months

CONDITION: Given a VBSS warning order and a target ship, vessel, or maritime platform.

STANDARD: To board, seize, control and turn over a target ship, vessel or maritime platform meeting the Commanders intent, Standard Operating Procedures, and listed references regarding Maritime Operations.

EVENT COMPONENTS:

1. Receive Warning Order.
2. Determine Insertion points and platforms.
3. Coordinate with supporting agencies.
4. Conduct Close Quarters Tactics
5. Employ supporting fires.
6. Seize Key and critical spaces.
7. Control operation of target ship, vessel, or maritime platform.
8. Verify Shipping Documents (eg. Crew Manifest, Crew Passports, Hazardous Cargo Manifest, Certificate of Registry, etc.)
9. Control Crew members, allowing compliant needed crew to continue operation of ship.
10. Identify all personnel aboard target.
11. Conduct Seaworthiness Assessment.
12. Search Target, as needed.
13. Conduct Emergency Evacuation, as needed.
14. Conduct Lifting/Lowering procedures, as needed.

15. Conduct TACEVAC, as needed.
16. Conduct detainee handling, as needed.
17. Conduct Tactical Site Exploitation (TSE), as needed.
18. Conduct CBRNE Environment Reconnaissance Operations, as needed
19. Link up with Ship's Control Team (SCT), as needed.
20. Turnover Target to SCT, as needed.
21. Perform marshalling procedures.
22. Extract from Target.

**REFERENCES:**

1. MCIP 3-33.04
2. MCWP 5-12.1
3. SOTG VBSS POI

**SUPPORT REQUIREMENTS:** Facility Code 17411 Maneuver/Training Area, Amphibious Forces; Appropriate underway/at sea training ship, vessel, or maritime platform; Aircraft; 11m NSW RHIB; Role Players [clothing to dress parts]; Dry Ship on Land; training documents and materials; and inert [explosive] training devices.

**MISCELLANEOUS:**

**ADMINISTRATIVE INSTRUCTIONS:** Incorporate an event scenario to facilitate training to standard. Operational Risk Management (ORM) worksheet completed. To get the most realistic training possible consider Role Players with characters established on cue cards. Have role players dress, act and speak language regarding their parts. Instructors will inform role players and persons within assault/security elements if they have become a casualty and tagged accordingly to injury.

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**MEU-VBSS-6002:** Insert a Boat Assault Force (BAF)

**SUPPORTED MET(S):** 1

**EVALUATION-CODED:** NO

**SUSTAINMENT INTERVAL:** 6 months

**CONDITION:** Given a VBSS mission with appropriate personnel/equipment

**STANDARD:** To achieve a safe and timely insert onto target ship, vessel, or maritime platform.

**EVENT COMPONENTS:**

1. Coordinate with surface vessel crews for support with surface insert.
2. Ensure communications interoperability with and between insert platform.
3. Develop load plan/bump plan.
4. Prep and rehearse employment of climbing system (Hook and Climb).
5. Develop and rehearse unit SOPs.
6. Insert BAF.

**REFERENCES:**

1. MCIP 3-33.04 VBSS Ops
2. MCWP 3-35.8 Tactical Boat Operations

3. SOTG VBSS POI

SUPPORT REQUIREMENTS:

1. Appropriate support/safety personnel and equipment.
  2. Naval Special Warfare (NSW) Rigid Hull Inflatable Boats (RHIBs)
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MEU-VBSS-6003: Insert a Helicopter-borne Assault Force (HAF)

SUPPORTED MET(S): 1

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

CONDITION: Given a VBSS mission with appropriate personnel/equipment

STANDARD: Maintaining currency and affecting a safe insert onto a target ship, vessel or maritime platform, with no more than 45 seconds between last and first ropers of successive helicopters, in accordance with the reference.

EVENT COMPONENTS:

1. Coordinate with air crew for support with air insert.
2. Ensure communications interoperability with and between insert platform.
3. HRST Masters conduct HRST briefs, HRST training and pilots briefs, as required.
4. Develop load plans/bump plans.
5. Prepare and inspect all HRST and combat equipment.
6. Rig HRST equipment at appropriate stations.
7. Conduct rehearsals for actions on the landing zone, security and movement.
8. Stage/Load all equipment to be used.
9. Insert HAF.

REFERENCES:

1. MCO 3500.42A W/ ERRATUM Marine Corps Helicopter Rope Suspension Training Policy (HRST) and Program Administration
2. MCRP 3-11.4 Helicopter Rope Suspension Techniques (HRST) Operations
3. MCRP 3-11.4A Helicopter Insertion/Extraction
4. MCIP 3-33.04 VBSS Ops

SUPPORT REQUIREMENTS:

AIRCRAFT: Task requires a Helicopter

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS:

1. Requires current HRST Master.
  2. Requires current Safety Insert Officer (SIO)
  3. In training, all safety requirements as listed in reference above apply.
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MEU-VBSS-6004: Insert a Combined HAF/BAF

SUPPORTED MET(S): 1

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

CONDITION: Given a VBSS mission with appropriate personnel/equipment

STANDARD: Ensure safe and coordinated near-simultaneous insert onto a target ship, vessel or maritime platform.

EVENT COMPONENTS:

1. Coordinate with surface vessel crews for support with surface insert.
2. Coordinate with air crew for support with air insert.
3. Ensure communications interoperability with and between insert platforms.
4. HRST Masters conduct HRST briefs, HRST training and pilots briefs, as required.
5. Develop load plans/bump plans.
6. Prepare and inspect all HRST and combat equipment.
7. Rig HRST equipment at appropriate stations.
8. Conduct rehearsals for employment of climbing system, actions on the landing zone, security and movement.
9. Stage/Load all equipment to be used.
10. Insert HAF/BAF.

REFERENCES:

1. MCO 3500.42A W/ ERRATUM Marine Corps Helicopter Rope Suspension Training Policy (HRST) and Program Administration
2. MCRP 3-11.4 Helicopter Rope Suspension Techniques (HRST) Operations
3. MCRP 3-11.4A Helicopter Insertion/Extraction
4. MCIP 3-33.04 VBSS Ops

SUPPORT REQUIREMENTS

AIRCRAFT/SURFACE: Task requires appropriate Aviation and surface craft support.

ADMINISTRATIVE INSTRUCTIONS:

1. Requires current HRST Master.
  2. Requires current Safety Insert Officer (SIO)
  3. In training, all safety requirements as listed in reference above apply.
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