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Subj: MARINE AIR GROUND TASK FORCE (MAGTF) COMMAND ELEMENT (CE) TRAINING AND  
READINESS (T&R) MANUAL

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

Encl: (1) Marine Air Ground Task Force (MAGTF) Command Element (CE) Training  
and Readiness (T&R) Manual

1. Purpose. Per reference (a), this T&R Manual establishes training standards, regulations and policies regarding the training of Marines and other assigned personnel in MAGTF Command Elements.

2. Cancellation. None

3. Scope

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

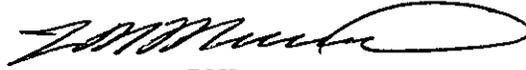
b. Per reference (b), commanders will conduct an internal assessment of the unit's ability to execute its mission and develop long-, mid-, and short-range training plans to sustain proficiency and correct deficiencies. Training plans will incorporate these events to standardize training and provide objective 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 other assigned 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.

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 and to ensure a current Core Capabilities METL is available for use in DRRS-MC. All questions pertaining

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to the Marine Corps Ground T&R Program and Unit Training Management (UTM) should be directed to: CG, TECOM, Marine Air Ground Task Force Training and Education Standards Division (MTESD), 1019 Elliot Road, Quantico, VA 22134.

5. Command. This Manual is applicable to the Marine Corps Total Force.
6. Certification. Reviewed and approved this date.



T. M. MURRAY  
By direction

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CHAPTER 1

OVERVIEW

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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 Mission Essential Task Lists (METLs) for MAGTF Command Elements derived from the Marine Corps Task List (MCTL). This T&R Manual is built around these METLs and other related Marine Corps Tasks (MCT). All events contained in the manual relate directly to these METLs and MCTs. This comprehensive T&R Program will help to ensure the Marine Corps continues to improve its combat readiness by training more efficiently and effectively. Ultimately, this will enhance the Marine Corps' ability to accomplish real-world missions.

2. The T&R Manual contains collective training requirements to prepare MAGTF Command Elements to accomplish their combat missions. 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 collective tasks performed by operating forces (OPFOR) units and supervised by personnel in the performance of unit Mission Essential Tasks (METs).

**1001. UNIT TRAINING**

1. The training of Marines to perform as an integrated unit in combat lies at the heart of the T&R program. Unit and individual readiness are directly related. Individual training and the mastery of individual core skills serve as the building blocks for unit combat readiness. A Marine's ability to perform critical skills required in combat is essential. However, it is not necessary to have all individuals within a unit fully trained in order for that organization to accomplish its assigned tasks. Manpower shortfalls, temporary assignments, leave, or other factors outside the commander's control, often affect the ability to conduct individual training. During these periods, unit readiness is enhanced if emphasis is placed on the individual training of Marines on-hand. Subsequently, these Marines will be mission ready and capable of executing as part of a team when the full complement of personnel is available.

2. Commanders will ensure that all tactical training is focused on their combat mission. The T&R Manual is a tool to help develop the unit's training

plan. In most cases, unit training should focus on achieving unit proficiency in the core METL. However, commanders will adjust their training focus to support METLs associated with a major OPLAN/CONPLAN or named operation as designated by their higher commander and reported accordingly in the Defense Readiness Reporting System (DRRS-MC). 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.

## **1002. UNIT TRAINING MANAGEMENT**

1. Unit Training Management (UTM) is the application of the Systems Approach to Training (SAT) and the Marine Corps Training Principles. This is accomplished in a manner that maximizes training results and focuses the training priorities of the unit in preparation for the conduct of its wartime mission.

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

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

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

## **1003. SUSTAINMENT AND EVALUATION OF TRAINING**

1. The evaluation of training is necessary to properly prepare Marines for combat. Evaluations are either formal or informal, and performed by members of the unit (internal evaluation) or from an external command (external evaluation).

2. Marines are expected to maintain proficiency in the training events for their MOS at the appropriate grade or billet to which assigned. Leaders are responsible for recording the training achievements of their Marines. Whether it involves individual or collective training events, they must ensure proficiency is sustained by requiring retraining of each event at or before expiration of the designated sustainment interval. Performance of the training event, however, is not sufficient to ensure combat readiness.

Leaders at all levels must evaluate the performance of their Marines and the unit as they complete training events, and only record successful accomplishment of training based upon the evaluation. The goal of evaluation is to ensure that correct methods are employed to achieve the desired standard, or the Marines understand how they need to improve in order to attain the standard. Leaders must determine whether credit for completing a training event is recorded if the standard was not achieved. While successful accomplishment is desired, debriefing of errors can result in successful learning that will allow ethical recording of training event completion. Evaluation is a continuous process that is integral to training management and is conducted by leaders at every level and during all phases of planning and the conduct of training. To ensure training is efficient and effective, evaluation is an integral part of the training plan. Ultimately, leaders remain responsible for determining if the training was effective.

3. The purpose of formal and informal evaluation is to provide commanders with a process to determine a unit's/Marine's proficiency in the tasks that must be performed in combat. Informal evaluations are conducted during every training evolution. Formal evaluations are often scenario-based, focused on the unit's METs, based on collective training standards, and usually conducted during higher-level collective events. References (a) and (f) provide further guidance on the conduct of informal and formal evaluations using the Marine Corps Ground T&R Program.

**1004. ORGANIZATION.** The MAGTF CE T&R Manual is comprised of 3 chapters and 3 appendices. Chapter 1 is an overview of the Ground T&R Program. Chapter 2 lists the Community Core METs, which are used as part of the Defense Readiness Reporting System (DRRS-MC). Chapter 3 contains collective events. Appendix A is ACRONYMS AND ABBREVIATIONS, Appendix B is TERMS AND DEFINITIONS and Appendix C is REFERENCES.

#### **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 echelon at which the events are performed, and sequence. Figure 1-1 shows the relationship of unit size to event code. All events in this manual are 9000 level, or MAGTF events.

(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 echelon of the unit performing the event.

#### 1006. EVALUATION-CODED (E-CODED) EVENTS

1. 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-MC). All events in this manual are E-coded.

#### 1007. 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 ideally contains one action verb and ideally, one object. However, in order to conform with accepted and approved MAGTF CE Mission Essential Task Training Measures of Effectiveness, the events in this manual often contain more than one verb.
3. Evaluation Coded. 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-MC). 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-MC. 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.
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. 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.

7. 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.

8. 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.

9. Event Components. 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.

a. The event components 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.

10. 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.

11. 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 for the related subordinate level events.

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

13. 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).

14. 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.

15. Distance Learning Products. Distance learning (DL) 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 MTSO representative, the event can be taught via one of these media vice attending a formal course of instruction or receiving MOJT.

16. Simulation and Simulators. Simulations and simulators are an important component of Marine Corps training. Although most task detailed in the T&R manual can be accomplished in the live training realm, additional benefits and efficiencies can be gained by appropriately using simulations to accomplish training objectives. Therefore, it is recommended that commanders consider integrating simulations and simulators into their training plans to maximize the available training opportunities for Marines.

17. 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.

18. Suitability of Simulation / DL for sustainment. All events feature a notation following the event title that includes an L, S or L/S. Events noted with an L can only be trained to standard using Live performance of the event. Events noted with an S can only be trained to standard with Simulation. Events noted with an L/S can be trained to standard using a combination of Live and Simulation.

19. Miscellaneous. 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
- Simulation Activities that may replace live activities (e.g. Simulated Road Miles for Actual Road Miles)

#### 1008. CBRN TRAINING

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

2. In order to develop and maintain the ability to operate in a CBRN environment, CBRN training is an integral part of the training plan and events in this T&R Manual. Units should train under CBRN conditions whenever possible. Per reference (c), all units must be capable of accomplishing their assigned mission in a contaminated environment by training to the CBRN Mission Performance, Unit Staff, Medical, CBRN Reconnaissance and Surveillance, MAGTF Assessment and CBRN Consequence Management Team, Decontamination Team, and CBRN Center training standards.

#### 1009. NIGHT TRAINING

1. While it is understood that all personnel and units of the operating force are capable of performing their assigned mission in "every climate and

place," current doctrine emphasizes the requirement to perform assigned missions at night and during periods of limited visibility. Basic skills are significantly more difficult when visibility is limited.

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

#### 1010. 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).

#### 1011. APPLICATION OF SIMULATION

Simulation should be used whenever practicable. The following is some guidance for employment 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. Given these considerations, all events in this manual were rated as being on appropriate for L (live training), S (simulation) or S/L (combination simulation and live).

**1012. MARINE CORPS GROUND T&R PROGRAM**

1. The Marine Corps Ground T&R Program continues to evolve. The vision for Ground T&R Program is to publish a T&R Manual for every readiness-reporting unit so that core 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). The T&R links Marine Corps Tasks to a standardized training syllabus in order to produce MET-based readiness, enabling an objective assessment of training readiness in DRRS-MC.

2. DRRS-MC 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' METs.

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CHAPTER 2

MISSION ESSENTIAL TASKS MATRIX

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CHAPTER 2

MISSION ESSENTIAL TASKS MATRIX

2000. MARINE EXPEDITIONARY FORCE (MEF) CE CORE MISSION ESSENTIAL TASK LIST (METL). The MEF CE METL Table lists the Standardized Core Mission Essential Tasks (MET), derived from the Marine Corps Task List (MCTL), for the MEF CE. This METL is used for readiness reporting in the Defense Readiness Reporting System (DRRS).

MEF CE CORE MISSION ESSENTIAL TASKS

MARINE CORPS TASK LIST	MET NUMBER	MEF CE CORE METL
MCT 1.2	1	Move Forces
MCT 2.1	2	Plan and Direct Intelligence Operations
MCT 3.1	3	Conduct Targeting
MCT 4.11	4	Plan and Direct Logistics Operations
MCT 5.5.1	5	Integrate and Operate with Joint, Interagency, Intergovernmental and Multinational Organizations
MCT 5.7	6	Exercise Command and Control of Air and Ground Forces
MCT 5.7.4	7	Plan and Direct Stability Operations

2001. MARINE EXPEDITIONARY BRIGADE MEB CE CORE MISSION ESSENTIAL TASK LIST (METL). The MEB CE METL Table lists the Standardized Core Mission Essential Tasks (MET), derived from the Marine Corps Task List (MCTL), for the MEB CE. This METL is used for readiness reporting in the Defense Readiness Reporting System (DRRS).

MEB CE CORE MISSION ESSENTIAL TASKS

MARINE CORPS TASK LIST	MET NUMBER	MEB CE CORE METL
MCT 1.2	8	Move Forces
MCT 2.1	9	Plan and Direct Intelligence Operations
MCT 3.1	10	Conduct Targeting
MCT 4.10.2	11	Plan and Direct Civil-Military Operations
MCT 4.11	12	Plan and Direct Logistics Operations
MCT 5.5.1	13	Integrate and Operate with Joint, Interagency, Intergovernmental and Multinational Organizations
MCT 5.7	14	Exercise Command and Control of Air and Ground Forces

2002. MAGTF CE MISSION ESSENTIAL TASKS MATRIX. The MAGTF CE Mission Essential Task Matrix contains the METs identified in the MEF CE and MEB CE METL. The MAGTF CE MET matrix includes the designated MET number and supporting collective events.

**MET#/MISSION ESSENTIAL TASK**

<b>MET 1 (MEF) . MOVE FORCES</b>	
CE-LOG-9001	Plan and Direct maritime prepositioning force (MPF) operations (L/S)
CE-LOG-9008	Prepare Forces for Movement (L/S)
CE-LOG-9009	Plan and Direct Reception, Staging, Onward Movement, and Integration (RSO&I) (L/S)
CE-LOG-9010	Identify Lift Requirements (L/S)
CE-LOG-9011	Plan and Direct Embarkation/Debarcation Operations (L/S)
CE-OPS-9004	Plan and Coordinate In-Transit Security (L/S)
CE-PLAN-9002	Plan and Direct Force Reconstitution/redeployment (L/S)
<b>MET 2 (MEF) . PLAN AND DIRECT INTELLIGENCE OPERATIONS</b>	
CE-PLAN-9001	Prepare Plans and Orders (L/S)
CE-INTL-9001	Plan and Coordinate for Collection Management (L/S)
CE-INTL-9002	Analyze and Synthesize Information (L/S)
CE-INTL-9003	Coordinate Full spectrum Intelligence Operations (L/S)
CE-INTL-9004	Evaluate the Threat (L/S)
CE-INTL-9005	Prepare Intelligence Products (L/S)
CE-INTL-9006	Integrate Joint, National, and Foreign Intelligence Support (L/S)
<b>MET 3 (MEF) . CONDUCT TARGETING</b>	
CE-OPS-9002	Conduct Assessment (L/S)
CE-PLAN-9001	Prepare Plans and Orders (L/S)
CE-FIRE-9001	Plan and Direct Non-Lethal and Lethal Attacks (L/S)
CE-FIRE-9002	Develop Targeting Objectives, Guidance and Intent (L/S)
CE-FIRE-9003	Develop, Validate, Nominate, and Prioritize Targets (L/S)
CE-FIRE-9004	Conduct Targeting Capabilities Analysis (L/S)
CE-FIRE-9005	Plan and Direct Time Sensitive Target engagement (L/S)
CE-FIRE-9006	Apportion Firepower Resources (L/S)
CE-INTL-9003	Coordinate Full spectrum Intelligence Operations (L/S)
<b>MET 4 (MEF) . PLAN AND DIRECT LOGISTICS OPERATIONS</b>	
CE-CBRN-9001	Plan and Direct CBRN Operations (L/S)
CE-LOG-9001	Plan and Direct Maritime Prepositioning Force (MPF) Operations (L/S)
CE-LOG-9002	Plan and Direct Transportation Operations (L/S)
CE-LOG-9003	Plan and Direct Maintenance Operations (L/S)
CE-LOG-9004	Plan and Direct General Engineering Operations (L/S)
CE-LOG-9005	Provide and Direct Health Services (L/S)
CE-LOG-9006	Plan and Direct Services (L/S)
CE-LOG-9007	Develop Logistics Plans and Orders (L/S)
CE-OPS-9003	Direct the execution of the operational plans (L/S)
CE-PLAN-9001	Prepare Plans and Orders (L/S)
<b>MET 5 (MEF) . INTEGRATE AND OPERATE WITH JOINT, INTERAGENCY, INTERGOVERNMENTAL AND MULTINATIONAL ORGANIZATIONS</b>	
CE-INTL-9006	Integrate Joint, National, and Foreign Intelligence Support (L/S)
CE-JOPS-9001	Integrate with Joint Forces and Interagency Organizations (L/S)

CE-JOPS-9002	Integrate with Multinational Forces And/Or Intergovernmental Organizations (L/S)
CE-JOPS-9003	Integrate with Special Operations Forces (L/S)
CE-JOPS-9004	Plan and Direct Support to Security Force Assistance (SFA)/Foreign Internal Defense (FID) (L/S)
CE-OPS-9005	Plan and Direct Theater Security Cooperation Activities - (L/S)
CE-STAB-9001	Plan and Direct Civil Military Operations CMO (L/S)
<b>MET 6 (MEF) . EXERCISE COMMAND AND CONTROL OF AIR AND GROUND FORCES</b>	
CE-BUDG-9001	Plan and Direct Budgeting and Accounting (L/S)
CE-COMM-9001	Plan and direct Communications Information System Operations (L/S)
CE-CBRN-9001	Plan and Direct CBRN Operations (L/S)
CE-EXPO-9001	Plan and Direct Amphibious Operations (L/S)
CE-IO-9001	Plan and Direct Information Operations (IO) (L/S)
CE-LOG-9001	Plan and Direct Maritime Prepositioning Force (MPF) Operations (L/S)
CE-PLAN-9001	Prepare Plans and Orders (L/S)
CE-PLAN-9003	Plan and Direct Force Deployment/Redeployment Using JOPEs (L/S)
CE-OPS-9001	Establish and Conduct Combat Operations Center (COC) Ops (L/S)
CE-OPS-9003	Direct the Execution of the Operational Plans (L/S)
CE-OPS-9005	Plan and Direct Theater Security Cooperation Activities - (L/S)
CE-OPS-9006	Plan and Direct Force Protection (L/S)
CE-OPS-9007	Plan and Direct Defense Support to Civil Activities (DSCA) (L/S)
CE-OPS-9008	Plan and Direct Humanitarian Assistance and Disaster Relief (HA/DR) (L/S)
<b>MET 7 (MEF) . PLAN AND DIRECT STABILITY OPERATIONS</b>	
CE-FIRE-9001	Plan and Direct Non-Lethal and Lethal Attacks (L/S)
CE-JOPS-9002	Integrate with Multinational Forces and/or Intergovernmental Organizations (L/S)
CE-OPS-9002	Conduct Assessment (L/S)
CE-OPS-9006	Plan and Direct force protection (L/S)
CE-PLAN-9001	Prepare Plans and Orders (L/S)
CE-STAB-9001	Plan and Direct Civil Military Operations CMO (L/S)
CE-STAB-9002	Plan and Direct Stability Operations (L/S)
<b>MET 8 (MEB) . MOVE FORCES</b>	
CE-LOG-9001	Plan and Direct Maritime Prepositioning Force (MPF) Operations (L/S)
CE-LOG-9008	Prepare Forces for Movement (L/S)
CE-LOG-9009	Plan and Direct Reception, Staging, Onward Movement, and Integration (RSO&I) (L/S)
CE-LOG-9010	Identify Lift Requirements (L/S)
CE-LOG-9011	Plan and Direct Embarkation/Debarcation Operations (L/S)
CE-OPS-9004	Plan and Coordinate In-Transit Security (L/S)
CE-PLAN-9002	Plan and Direct Force Reconstitution/Redeployment (L/S)
<b>MET 9 (MEB) . PLAN AND DIRECT INTELLIGENCE OPERATIONS</b>	
CE-PLAN-9001	Prepare Plans and Orders (L/S)

CE-INTL-9001	Plan and Coordinate for Collection Management (L/S)
CE-INTL-9002	Analyze and Synthesize Information (L/S)
CE-INTL-9003	Coordinate Full Spectrum Intelligence Operations (L/S)
CE-INTL-9004	Evaluate the Threat (L/S)
CE-INTL-9005	Prepare Intelligence Products (L/S)
CE-INTL-9006	Integrate Joint, National, and Foreign Intelligence Support (L/S)
<b>MET 10 (MEB) . CONDUCT TARGETING</b>	
CE-OPS-9002	Conduct Assessment (L/S)
CE-PLAN-9001	Prepare Plans and Orders (L/S)
CE-FIRE-9001	Plan and Direct Non-Lethal and Lethal Attacks (L/S)
CE-FIRE-9002	Develop Targeting Objectives, Guidance and Intent (L/S)
CE-FIRE-9003	Develop, Validate, Nominate, and Prioritize Targets (L/S)
CE-FIRE-9004	Conduct Targeting Capabilities Analysis (L/S)
CE-FIRE-9005	Plan and Direct Time Sensitive Target engagement (L/S)
CE-FIRE-9006	Apportion Firepower Resources (L/S)
CE-INTL-9003	Coordinate Full spectrum Intelligence Operations (L/S)
<b>MET 11 (MEB) . PLAN AND DIRECT CIVIL-MILITARY OPERATIONS</b>	
CE-OPS-9005	Plan and Direct Theater Security Cooperation Activities (L/S)
CE-STAB-9001	Plan and Direct Civil Military Operations CMO (L/S)
<b>MET 12 (MEB) . PLAN AND DIRECT LOGISTICS OPERATIONS</b>	
CE-LOG-9001	Plan and Direct Maritime Prepositioning Force (MPF) Operations (L/S)
CE-LOG-9002	Plan and Direct Transportation Operations (L/S)
CE-LOG-9003	Plan and Direct maintenance operations (L/S)
CE-LOG-9004	Plan and Direct general engineering operations (L/S)
CE-LOG-9005	Provide and Direct health services (L/S)
CE-LOG-9006	Plan and Direct services (L/S)
CE-LOG-9007	Develop Logistics Plans and Orders (L/S)
CE-OPS-9003	Direct the Execution of the Operational Plans (L/S)
CE-PLAN-9001	Prepare Plans and Orders (L/S)
<b>MET 13 (MEB) . INTEGRATE AND OPERATE WITH JOINT, INTERAGENCY, INTERGOVERNMENTAL AND MULTINATIONAL ORGANIZATIONS</b>	
CE-INTL-9006	Integrate Joint, National, and Foreign Intelligence Support (L/S)
CE-JOPS-9001	Integrate with Joint Forces and Interagency Organizations (L/S)
CE-JOPS-9002	Integrate with multinational forces and/or Intergovernmental Organizations (L/S)
CE-JOPS-9003	Integrate with Special Operations Forces (L/S)
CE-JOPS-9004	Plan and Direct Support to Security Force Assistance (SFA)/Foreign Internal Defense (FID) (L/S)
CE-OPS-9005	Plan and Direct Theater Security Cooperation Activities - (L/S)
CE-STAB-9001	Plan and Direct Civil Military Operations CMO (L/S)
<b>MET 14 (MEB) . Exercise Command and Control of Air and Ground Forces</b>	
CE-BUDG-9001	Plan and Direct Budgeting and Accounting (L/S)
CE-COMM-9001	Plan and Direct Communications Information System Operations (L/S)
CE-CBRN-9001	Plan and Direct CBRN Operations (L/S)

CE-EXPO-9001	Plan and Direct Amphibious Operations (L/S)
CE-IO-9001	Plan and Direct Information Operations (IO) (L/S)
CE-LOG-9001	Plan and Direct Maritime Prepositioning Force (MPF) operations (L/S)
CE-PLAN-9001	Prepare Plans and Orders (L/S)
CE-PLAN-9003	Plan and Direct Force Deployment/Redeployment Using JOPES (L/S)
CE-OPS-9001	Establish and Conduct Combat Operations Center (COC) Ops (L/S)
CE-OPS-9003	Direct the Execution of the Operational Plans (L/S)
CE-OPS-9005	Plan and Direct Theater Security Cooperation Activities - (L/S)
CE-OPS-9006	Plan and Direct Force Protection (L/S)
CE-OPS-9007	Plan and Direct Defense Support to Civil Activities (DSCA) (L/S)
CE-OPS-9008	Plan and Direct Humanitarian Assistance and Disaster Relief (HA/DR) (L/S)

MAGTF CE T&R MANUAL

CHAPTER 3

COLLECTIVE EVENTS

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MAGTF CE T&R MANUAL

CHAPTER 3

COLLECTIVE EVENTS

3000. **PURPOSE.** Chapter 3 contains collective training events for the MAGTF CE.

3001. **EVENT CODING.** Events in this T&R Manual are depicted with an up to 12-character, 3-field alphanumeric system, i.e. XXXX-XXXX-XXXX. This chapter utilizes the following methodology:

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

<u>Code</u>	<u>Description</u>
CE	Command Element

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

<u>Code</u>	<u>Description</u>
BUDG	Budgeting and Contracting
COMM	Communications, Electromagnetic Spectrum Operations
CBRN	Chemical, Biological, Radiological, Nuclear Operations
EXPO	Expeditionary Warfare
FIRE	Force Fires
INTL	Intelligence
IO	Information Operations
JOPS	Joint Operations
LOG	Logistics Operations
OPS	Operations
PLAN	Planning
STAB	Stability Operations

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

<u>Code</u>	<u>Description</u>
9000	MEF and MEB Command Element

3002. **INDEX OF COLLECTIVE EVENTS**

EVENT CODE	E-CODED	EVENT	PAGE
<b>9000-LEVEL</b>			
CE-BUDG-9001	Y	Plan and Direct Budgeting and Accounting (L/S)	3-4
CE-CBRN-9001	Y	Plan and Direct CBRN Operations (L/S)	3-5

CE-COMM-9001	Y	Plan and Direct Communications Information System Operations (L/S)	3-6
CE-EXPO-9001	Y	Plan and Direct Amphibious Operations (L/S)	3-7
CE-FIRE-9001	Y	Plan and Direct Non-Lethal and Lethal Attacks (L/S)	3-7
CE-FIRE-9002		Develop Targeting Objectives, Guidance and Intent (L/S)	3-8
CE-FIRE-9003	Y	Develop, Validate, Nominate, and Prioritize Targets (L/S)	3-9
CE-FIRE-9004	Y	Conduct Targeting Capabilities Analysis (L/S)	3-9
CE-FIRE-9005	Y	Plan and Direct Time Sensitive Target Engagement (TST) (L/S)	3-10
CE-FIRE-9006	Y	Apportion Firepower Resources (L/S)	3-10
CE-INTL-9001	Y	Plan and Coordinate for Collection Management (L/S)	3-11
CE-INTL-9002	Y	Analyze and Synthesize Information (L/S)	3-12
CE-INTL-9003	Y	Coordinate Full Spectrum Intelligence Operations (L/S)	3-12
CE-INTL-9004	Y	Evaluate the Threat (L/S)	3-13
CE-INTL-9005	Y	Prepare Intelligence Products (L/S)	3-14
CE-INTL-9006	Y	Integrate Joint, National, and Foreign Intelligence Support (L/S)	3-14
CE-IO-9001	Y	Plan and Direct Information Operations (IO) (L/S)	3-15
CE-JOPS-9001	Y	Integrate with Joint Forces and Interagency Organizations (L/S)	3-16
CE-JOPS-9002	Y	Integrate with Multinational Forces and/or Intergovernmental Organizations (L/S)	3-16
CE-JOPS-9003	Y	Integrate with Special Operations Forces (L/S)	3-17
CE-JOPS-9004	Y	Plan and Direct Support to Security Force Assistance (SFA)/Foreign Internal Defense (FID) (L/S)	3-18
CE-LOG-9001	Y	Plan and Direct Maritime Prepositioning Force (MPF) Operations (L/S)	3-18
CE-LOG-9002	Y	Plan and direct Transportation Operations (L/S)	3-19
CE-LOG-9003	Y	Plan and Direct supply operations (L/S)	3-21
CE-LOG-9004	Y	Plan and Direct General Engineering Operations (L/S)	3-22
CE-LOG-9005	Y	Plan and Direct Maintenance Operations	3-24
CE-LOG-9006	Y	Provide and Direct Health Services (L/S)	3-25
CE-LOG-9007	Y	Plan and Direct Services (L/S)	3-26
CE-LOG-9008	Y	Prepare Forces for Movement (L/S)	3-27
CE-LOG-9009	Y	Plan and Direct Reception, Staging, Onward Movement, and Integration (RSO&I) (L/S)	3-27
CE-LOG-9010	Y	Identify Lift Requirements (L/S)	3-28
CE-LOG-9011	Y	Plan and Direct Embarkation/Debarkation Operations (L/S)	3-29
CE-LOG-9012	Y	Develop Logistics Plans and Orders (L/S)	3-29
CE-OPS-9001	Y	Establish and Conduct Combat Operations Center (COC) Operations (L/S)	3-30

CE-OPS-9002	Y	Conduct Assessment (L/S)	3-31
CE-OPS-9003	Y	Direct the Execution of the Operational Plan (L/S)	3-32
CE-OPS-9004	Y	Plan and Coordinate In-Transit Security (L/S)	3-32
CE-OPS-9005	Y	Plan and Direct Theater Security Cooperation Activities	3-33
CE-OPS-9006	Y	Plan and Direct Force Protection (L/S)	3-34
CE-OPS-9007	Y	Plan and Direct Defense Support of Civil Authorities (DSCA) (L/S)	3-34
CE-OPS-9008	Y	Plan and Direct Humanitarian Assistance and Disaster Relief (HA/DR) (L/S)	3-35
CE-PLAN-9001	Y	Prepare Plans and Orders (L/S)	3-36
CE-PLAN-9002	Y	Plan and Direct Force Reconstitution/Redeployment (L/S)	3-36
CE-PLAN-9003	Y	Plan and Direct Force Deployment/Redeployment Using JOPEs (L/S)	3-37
CE-STAB-9001	Y	Plan and Direct Civil Military Operations CMO (L/S)	3-37
CE-STAB-9002	Y	Plan and Direct Stability Operations (L/S)	3-38

3003. 9000-LEVEL EVENTS

CE-BUDG-9001: Plan and Direct Budgeting and Accounting (L/S)

SUPPORTED MET(S): 6, 14

EVALUATION-CODED: YES                      SUSTAINMENT INTERVAL: 12 months

CONDITION: Given a Comptroller/G-8 staff operating in a garrison, MAGTF, Joint, multinational, and/or interagency environment, higher headquarters fiscal guidance, commanders guidance and references.

STANDARD: To facilitate fiscal management activities at the MAGTF level.

EVENT COMPONENTS:

1. Support the Marine Corps Planning Programming Budgeting and Execution (PPBE) process.
2. Demonstrate an understanding of funding appropriations by type and purpose.
3. Develop an annual fiscal plan based on funding allocation to meet prescribed obligation benchmarks.
4. Disseminate the annual fiscal plan.
5. Allocate funds to subordinate commands.
6. Track all expenditures (e.g. travel, material and supply purchases, contracts)
7. Identify resource shortfalls.
8. Submit Current Year Deficiencies (CYDs) to address identified shortfalls.
9. Disseminate fiscal policy, guidance, and regulations.
10. Maintain accounting records in accordance with established performance metrics.
11. Execute internal control of fiscal management functions.
12. Ensure compliance with applicable fiscal laws, regulations, and policy.
13. Perform financial management functions in support of contingency

- operations.
14. Provide technical guidance on financial matters to the MAGTF staff and subordinate commands.
  15. Maintain oversight of transactions posted in the accounting system to ensure validity and accuracy of transactions.
  16. Conduct evaluations of fund manager areas of responsibility in order to detect and correct problems.
  17. Provide training to funds managers to ensure proper inputs into the accounting system.

**REFERENCES:**

1. DoD 7000.14-R DoD Financial Management Regulation
  2. MCO P3121.1 Marine Corps Planning and Programming Manual
  3. MCO 7300.21A Marine Corps Financial Management SOP Manual
  4. NAVMC 2664 Financial Guidebook for Commanders
- 

**CE-CBRN-9001:** Plan and Direct CBRN Operations (L/S)

**SUPPORTED MET(S):** 4, 6, 14

**EVALUATION-CODED:** YES

**SUSTAINMENT INTERVAL:** 12 months

**CONDITION:** Given supporting attachments operating within a MAGTF/Joint/Multinational/Interagency environment, higher headquarters operations order, commander's guidance.

**STANDARD:** To mitigate threat to force and maintain operational effectiveness.

**EVENT COMPONENTS:**

1. Conduct CBRN threat analysis.
2. Plan for tracking and handling of CBRN casualties and handling and disposal of contaminated equipment.
3. Prepare CBRN Defense Plans.
4. Prepare CBRN Consequence Management plans.
5. Plan for CBRN logistics to include CBRN defense equipment, medical supplies, and decontamination supplies.
6. Conduct CBRN warning and reporting.
7. Plan for security of incident site until returned to pre-incident status.
8. Conduct hazard prediction with METOC.
9. Direct consequence management following a CBRN incident.
10. Direct CBRN reconnaissance and decontamination operations.

**REFERENCES:**

1. JP 3-11 CBRN Operations
2. JP 3-41 Chemical, Biological, Radiological, Nuclear, and High-Yield Explosives Consequence Management
3. MCRP 3-37.2A MTTP for Chemical, Biological, Radiological and Nuclear Contamination Avoidance
4. MCRP 3-37.2C CBRN Consequence Management Operations
5. MCRP 3-37B MTTP for CBRN Aspects of Command and Control
6. MCWP 3-37 MAGTF Nuclear, Biological, and Chemical Defense Operations
7. MCWP 3-37.1 MTTP for CBRN Operations
8. MCWP 3-37.2 MTTP for NBC Protection
9. MCWP 3-37.3 NBC Decontamination (FM 3-5)

10. MCWP 3-37.4 MTPP for CBRN Reconnaissance and Surveillance

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CE-COMM-9001: Plan and Direct Communications Information System Operations  
(L/S)

SUPPORTED MET(S): 6, 14

EVALUATION-CODED: YES

SUSTAINMENT INTERVAL: 12 months

CONDITION: Given supporting attachments operating in a MAGTF, Joint, Multinational, and/or Interagency environment, a higher headquarters operations order and Communication-Electronics Operations Instructions (CEOI), voice and data communications equipment.

STANDARD: Prior to arrival at the area of operation, so that the commander's information exchange requirements are met

EVENT COMPONENTS:

1. Determine communication requirements (power, electronics, internetworking, data, personnel, equipment and information system support requirements) based on mission analysis.
2. Develop an integrated Command and Control (C2) plan.
3. Prioritize and allocate communication and information support based on the C2 plan.
4. Plan communication and information control procedures, to include controlling communication nets and information networks, security measures, restoration priorities and efforts, maintenance, and logistical requirements.
5. Plan single channel radio networks.
6. Plan terrestrial multi-channel radio networks.
7. Plan satellite networks.
8. Plan a multiplexed architecture.
9. Plan telephony services.
10. Plan data network services.
11. Manage communication, electronic, and information systems to allow for the effective command and control and continuity of operations during all operational phases at all echelons (Forward, Main, Rear).
12. Plan electronic counter measures as required.
13. Maintain communication status reports, supporting Higher, Adjacent, Subordinate, Supporting (HASS) requirements in accordance with capabilities.

REFERENCES:

1. Concept Division Concept of Operations for Marine Air-Ground Task Force Electronic Warfare
2. CJCSI 3320.03\_ Joint Communication-Electronics Operation Instructions
3. CJCSM 6231 (Series) Manual for Employing Joint Tactical Communications
4. DCOCSOP Digital COC SOP for Battalion Operations in Irregular Warfare
5. EKMS-1 (series) EKMS Policy and Procedures for Navy EKMS Tiers 2 & 3
6. JP 6-0 Joint Communications System
7. JP 6-01 Joint Electromagnetic Spectrum Management Operations
8. MCDP 6 Command and Control
9. MCO 2400.2\_ Marine Corps Management and Use of the Electromagnetic Spectrum
10. MCWP 3-1 Ground Combat Operations

11. MCWP 3-40.3 MAGTF Communications System

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CE-EXPO-9001: Plan and Direct Amphibious Operations (L/S)

SUPPORTED MET(S): 6, 14

EVALUATION-CODED: YES

SUSTAINMENT INTERVAL: 12 months

CONDITION: Given with supporting attachments operating in a MAGTF, Joint, Multinational, and/or Interagency environment, a higher headquarters operations order, commander's guidance.

STANDARD: To accomplish the mission in accordance with commander's intent.

EVENT COMPONENTS:

1. Conduct amphibious operations planning (e.g. landing, load).
2. Plan and coordinate embarkation.
3. Plan and coordinate with Amphibious Task Force (ATF), higher, adjacent and supporting staffs.
4. Plan Advance Force operations (shaping).
5. Phasing command and control ashore while maintaining continuity of operations.
6. Phasing control of fires ashore.
7. Plan support for the defense of the ATF.

REFERENCES:

1. JP 0-2 Unified Action Armed Forces (UNAAF)
  2. JP 3-0 Joint Operations
  3. JP 3-02 Amphibious Operations
  4. MCDP 1-0 Marine Corps Operations
  5. MCDP 3 Expeditionary Operations
  6. MCWP 5-1 Marine Corps Planning Process (MCP)
- 

CE-FIRE-9001: Plan and Direct Non-Lethal and Lethal Attacks (L/S)

SUPPORTED MET(S): 3, 7, 10

EVALUATION-CODED: YES

SUSTAINMENT INTERVAL: 12 months

CONDITION: Given supporting attachments and a MAGTF operating within a Joint/Multinational/Interagency environment, a HHQs OPORD, CGs guidance & intent, MAGTF mission, C2 systems programs of record and references.

STANDARD: Support the MAGTF SOM & achieve the desired end-state IAW Commanders Guidance.

EVENT COMPONENTS:

1. Establish, appropriately staff, & operate the FFCC in accordance with the standard operating procedure.
2. Review MSC Fire Support Plans to ensure support to the MAGTF Cmdr overall COF.
3. Develop and disseminate battlefield geometry.
4. Provide representation to various OPT in order to plan fires.

5. Develop an Appendix 19 to include relevant enclosures (Orders process).
6. Coordinate X-boundary fires with higher and adjacent headquarters.
7. Resolve Fire Support conflicts.
8. Facilitate production/modification of the ATO.
9. Develop counter-fire plan.
10. Establish procedures for routing requests for fires (lethal/non-lethal) through appropriate channels.
11. Implement FSCMs & necessary procedures to prevent fratricide.
12. Electronically maintain/display appropriate FS, operations, FS coordination graphics.

**REFERENCES:**

1. FMFM 2-7 Fire Support in MAGTF Operations
  2. JP 3-60 Joint Targeting
  3. MCRP 3-16.2 Techniques and Procedures for Fire Support Coordination
  4. MCRP 3-16.6 Multiservice Procedures for the Joint Application of Firepower (J-Fires)
  5. MCRP 3-16D Multi-Service TTP for Targeting Time-Sensitive Targets
  6. MCWP 3-16 Fire Support Coordination in the Ground Combat Element
  7. MCWP 3-43.3 Marine Air-Ground Task Force Fires
- 

**CE-FIRE-9002:** Develop Targeting Objectives, Guidance and Intent (L/S)

**SUPPORTED MET(S):** 3, 10

**EVALUATION-CODED:** YES

**SUSTAINMENT INTERVAL:** 6 months

**CONDITION:** Given supporting attachments and a MAGTF operating within a Joint/Multinational/Interagency environment, a HHQs OPORD, CGs guidance, MAGTF mission and references.

**STANDARD:** Support the MAGTF scheme of maneuver and achieve the desired end-state in accordance with the Commanders Guidance

**EVENT COMPONENTS:**

1. Receive higher headquarters targeting guidance and intent.
2. Recommend specific MAGTF Targeting Objectives that support the mission based on the Commanders guidance.
3. Ensure Commanders Targeting priorities are met.
4. Provide timely and accurate fires information updates as required to the Commander to facilitate his decision-making and in order to further fires-planning.
5. Conduct Targeting Guidance Working Group (TGWG).
6. Conduct MAGTF targeting board.

**REFERENCES:**

1. FMFM 2-7 Fire Support in MAGTF Operations
  2. JP 3-60 Joint Targeting
  3. MCRP 3-16.2 Techniques and Procedures for Fire Support Coordination
  4. MCRP 3-16.6 Multiservice Procedures for the Joint Application of Firepower (J-Fires)
  5. MCRP 3-16D Multi-Service TTP for Targeting Time-Sensitive Targets
  6. MCWP 3-16 Fire Support Coordination in the Ground Combat Element
  7. MCWP 3-43.3 Marine Air-Ground Task Force Fires
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25 Jul 2012

CE-FIRE-9003: Develop, Validate, Nominate, and Prioritize Targets (L/S)

SUPPORTED MET(S): 3, 10

EVALUATION-CODED: YES

SUSTAINMENT INTERVAL: 6 months

CONDITION: Given supporting attachments and a MAGTF operating within a Joint/Multinational/Interagency environment, a HHQs OPORD, commanders guidance, MAGTF mission, and references.

STANDARD: To support the MAGTF scheme of maneuver and achieve the desired end-state in accordance with Commanders Guidance

EVENT COMPONENTS:

1. Develop an appropriate list of targets to support MAGTF mission accomplishment.
2. Validate nominated targets from the MSC.
3. Nominate targets to higher headquarters.
4. Examine target sets and rank-order in importance to support MAGTF mission accomplishment.
5. Establish the C2 systems to nominate MAGTF targets to HHQ.
6. Establish the means to receive, send MAGTF targets from/to subordinate MSE/HHQ.
7. Develop Battlespace Shaping Matrix (BSM) (Input to MAGTF OPORD/Appndx19).
8. Develop Damage Criteria Matrix (DCM) (Input to MAGTF OPORD/Appndx19).
9. Develop Attack Guidance Matrix (ATGM) and Reactive Attack Guidance Matrix (RAGM) (Input to MAGTF OPORD/Appndx19).
10. Coordinate with G2 for allocation of sensors to develop, refine, and assess targets.

REFERENCES:

1. FMFM 2-7 Fire Support in MAGTF Operations
  2. JP 3-60 Joint Targeting
  3. MCRP 3-16 Techniques and Procedures for Fire Support Coordination
  4. MCRP 3-16.2 Techniques and Procedures for Fire Support Coordination
  5. MCRP 3-16.6 Multiservice Procedures for the Joint Application of Firepower (J-Fires)
  6. MCRP 3-16D Multi-Service TTP for Targeting Time-Sensitive Targets
  7. MCWP 3-43.3 Marine Air-Ground Task Force Fires
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CE-FIRE-9004: Conduct Targeting Capabilities Analysis (L/S)

SUPPORTED MET(S): 3, 10

EVALUATION-CODED: YES

SUSTAINMENT INTERVAL: 6 months

CONDITION: Given supporting attachments and a MAGTF operating within a Joint/Multinational/Interagency environment, a HHQs OPORD, commanders guidance, MAGTF mission and references.

STANDARD: Support the MAGTF scheme of maneuver and achieve the desired end-state in accordance with Commanders Guidance.

EVENT COMPONENTS:

1. Conduct assessment of resources available to facilitate targeting.

2. Determine most appropriate resource/asset for employment against a particular target/target set based on desired end-state.
3. Recommend appropriate collections asset to conduct damage assessment.

**REFERENCES:**

1. FMFM 2-7 Fire Support in MAGTF Operations
2. JP 3-60 Joint Targeting
3. MCRP 3-16 Techniques and Procedures for Fire Support Coordination
4. MCRP 3-16.2 Techniques and Procedures for Fire Support Coordination
5. MCRP 3-16.6 Multiservice Procedures for the Joint Application of Firepower (J-Fires)
6. MCRP 3-16D Multi-Service TTP for Targeting Time-Sensitive Targets
7. MCWP 3-16 Fire Support Coordination in the Ground Combat Element
8. MCWP 3-43.3 Marine Air-Ground Task Force Fires

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**CE-FIRE-9005:** Plan and Direct Time Sensitive Target Engagement (TST) (L/S)

**SUPPORTED MET(S):** 3, 10

**EVALUATION-CODED:** YES

**SUSTAINMENT INTERVAL:** 6 months

**CONDITION:** Given supporting attachments and a MAGTF operating within a Joint/Multinational/Interagency environment, a HHQs OPORD, commanders guidance, MAGTF mission and references.

**STANDARD:** Support the MAGTF scheme of maneuver and achieve the desired end-state in accordance with Commanders Guidance.

**EVENT COMPONENTS:**

1. Establish collaborative tools (JADOCS) within FFCC (TST Cell) for TST engagement.
2. Establish TST criteria (standards).
3. Develop/recommend a list of MAGTF No-Strike-Targets (NSTL).
4. Maintain NSTL IAW HHQ /theater guidance.
5. Develop TST execution process/C2 structure (architecture) within the FFCC.
6. Integrate within the Joint TST cycle.
7. Determine targeting timeline associated with TST engagement.
8. Determine and direct appropriate asset(s) to conduct TST engagement.
9. Establish procedures to receive/process post engagement assessment.

**REFERENCES:**

1. FMFM 2-7 Fire Support in MAGTF Operations
2. JP 3-60 Joint Targeting
3. MCRP 3-16.2 Techniques and Procedures for Fire Support Coordination
4. MCRP 3-16.6 Multiservice Procedures for the Joint Application of Firepower (J-Fires)
5. MCRP 3-16D Multi-Service TTP for Targeting Time-Sensitive Targets
6. MCWP 3-16 Fire Support Coordination in the Ground Combat Element
7. MCWP 3-43.3 Marine Air-Ground Task Force Fires

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**CE-FIRE-9006:** Apportion Firepower Resources (L/S)

**SUPPORTED MET(S):** 3, 10

EVALUATION-CODED: YES

SUSTAINMENT INTERVAL: 6 months

CONDITION: Given supporting attachments and a MAGTF operating within a Joint/Multinational/Interagency environment, a HHQs OPORD, commanders guidance, MAGTF mission, MAGTF finite resources (to prosecute fires), and references.

STANDARD: Support the MAGTF scheme of maneuver and achieve the desired end-state in accordance with Commanders Guidance.

EVENT COMPONENTS:

1. Divide those resources to best support the MAGTF mission (targeting objectives).
2. Distribute those resources to best support the MAGTF mission (targeting objectives).
3. Task those resources to best support the MAGTF mission (targeting objectives).
4. Direct/redirect resources as required.

REFERENCES:

1. FMFM 2-7 Fire Support in MAGTF Operations
  2. JP 3-60 Joint Targeting
  3. MCRP 3-16.2 Techniques and Procedures for Fire Support Coordination
  4. MCRP 3-16.6 Multiservice Procedures for the Joint Application of Firepower (J-Fires)
  5. MCRP 3-16D Multi-Service TTP for Targeting Time-Sensitive Targets
  6. MCWP 3-16 Fire Support Coordination in the Ground Combat Element
  7. MCWP 3-43.3 Marine Air-Ground Task Force Fires
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CE-INTL-9001: Plan and Coordinate for Collection Management (L/S)

SUPPORTED MET(S): 2, 9

EVALUATION-CODED: YES

SUSTAINMENT INTERVAL: 6 months

CONDITION: Given a T/O staff operating in a garrison, MAGTF, Joint, Multinational, and/or Interagency environment, a higher headquarters operations order, commanders guidance and references.

STANDARD: To facilitate intelligence operations and support the commanders decision making process by conducting necessary planning and coordination to support collection management.

EVENT COMPONENTS:

1. Develop intelligence requirements.
2. Recommend priority intelligence requirements (PIRs) to the commander.
3. Advise the commander regarding organic, theater, and national collections systems and assets capabilities/limitations.
4. Direct collection requirements management (CRM).
5. Direct collection operations management (COM).
6. Direct counterintelligence.

REFERENCES:

1. MCDP 2 Intelligence
2. MCWP 2-1 Intelligence Operations

3. MCWP 2-2 MAGTF Intelligence Collection
  4. MCWP 2-21 Imagery Intelligence
  5. MCWP 2-22 Signals Intelligence
  6. MCWP 2-3 MAGTF Intelligence Production and Analysis
  7. NAVMC 3500.100 Intelligence T&R Manual
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CE-INTL-9002: Analyze and Synthesize Information (L/S)

SUPPORTED MET(S): 2, 9

EVALUATION-CODED: YES

SUSTAINMENT INTERVAL: 6 months

CONDITION: Given a T/O staff operating in a garrison, MAGTF, Joint, Multinational, and/or Interagency environment, a higher headquarters operations order, commanders guidance and references.

STANDARD: To facilitate intelligence operations and support the commanders decision making process by reading and filtering through raw collected data, determine its relevance to the battlespace and mission, and determine its relationship, or lack thereof, to other relevant reporting to support the development of the intelligence estimate of the battlespace.

EVENT COMPONENTS:

1. Evaluate Reports
2. Conduct additional intelligence research
3. Maintain the common intelligence picture
4. Apply critical thinking principles
5. Apply creative thinking principles
6. Determine relationships between separate intelligence reports
7. Filter irrelevant intelligence reports
8. Fuse relevant intelligence reports
9. Produce Intelligence summary.

REFERENCES:

1. MCDP 2 Intelligence
  2. MCWP 2-1 Intelligence Operations
  3. NAVMC 3500.100 Intelligence T&R Manual
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CE-INTL-9003: Coordinate Full Spectrum Intelligence Operations (L/S)

SUPPORTED MET(S): 2, 3, 9, 10

EVALUATION-CODED: YES

SUSTAINMENT INTERVAL: 6 months

CONDITION: Given T/O staff and operating in a garrison, MAGTF, Joint, Multinational, and/or Interagency environment, a higher headquarters operations order, commander's guidance and references.

STANDARD: To facilitate intelligence operations and support the commanders decision making process by conducting all six intelligence functions.

EVENT COMPONENTS:

1. Provide Intelligence Support to the Commanders Estimate.

2. Provide Intelligence Support for Situation Development.
3. Develop Indications and Warnings.
4. Provide Intelligence Support to Force Protection.
5. Provide Intelligence Support to Targeting.
6. Provide Intelligence Support to Combat Assessments.
7. Coordinate counterintelligence activities.

**REFERENCES:**

1. MCDP 2 Intelligence
  2. MCRP 2-3A Intelligence Preparation of the Battlefield/Battlespace
  3. MCWP 2-1 Intelligence Operations
  4. MCWP 2-3 MAGTF Intelligence Production and Analysis
  5. MCWP 2-6 Counterintelligence
  6. NAVMC 3500.100 Intelligence T&R Manual
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**CE-INTL-9004:** Evaluate the Threat (L/S)

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

**EVALUATION-CODED:** YES

**SUSTAINMENT INTERVAL:** 6 months

**CONDITION:** With the aid of references and provided the commanders orientation

**STANDARD:** In accordance with the commander's requirements and MCRP 2-3A

**EVENT COMPONENTS:**

1. Evaluate databases for complete and accurate enemy compositions, strengths, and dispositions.
2. Conduct order of battle analysis.
3. Evaluate the threat's capability to Attack, Defend, Reinforce, or Retrograde.
4. Evaluate operational terrain.
5. Identify centers of gravity and critical vulnerabilities.
6. Create Threat Models that include: (1) doctrinal templates; (2) description of preferred tactics, options and peculiarities; (3) identification of High Value Targets (HVT); (4) air threat zone matrix.
7. Conduct pattern analysis on significant enemy activity.
8. Employ red cell and green cell analysis.
9. Determine named areas of interest (NAIs), target areas of interest (TAIs) and decision points (DPs).

**REFERENCES:**

1. MCDP 1-0 Marine Corps Operations
  2. MCDP 2 Intelligence
  3. MCRP 2-3A Intelligence Preparation of the Battlefield/Battlespace
  4. MCRP 5-12A Operational Terms and Graphics
  5. MCWP 2-1 Intelligence Operations
  6. MCWP 2-3 MAGTF Intelligence Production and Analysis
  7. NAVMC 3500.100 Intelligence T&R Manual
  8. UFMCS Red Team Handbook
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CE-INTL-9005: Prepare Intelligence Products (L/S)

SUPPORTED MET(S): 2, 9

EVALUATION-CODED: YES

SUSTAINMENT INTERVAL: 6 months

CONDITION: Given a T/O staff operating in a Joint, multinational, and/or Interagency environment, a higher headquarters operations order, commanders guidance and references.

STANDARD: So that information and existing intelligence from all sources are captured in a product format that will be most useful to its eventual user and support the decision-making process.

EVENT COMPONENTS:

1. Incorporate various means of communication portals (e.g. AMHS, Email, Voice, SIPRNET, JWICS).
2. Discard irrelevant or repetitive information prior to its entering the production process.
3. Reduce the amount of information to writing or graphical representation.
4. Arrange that information into groups of related items.
5. Determine the pertinence, reliability, and accuracy of information.
6. Predict possible outcomes.
7. Incorporate developed intelligence into an appropriate product (e.g., text reports and studies, graphics, overlays, or combinations) for dissemination.
8. Disseminate Intelligence Products to Joint, Higher, Adjacent, and supporting commands.

REFERENCES:

1. 0-8129-2808-3 The Thinker's Toolkit
  2. MCDP 2 Intelligence
  3. MCWP 2-1 Intelligence Operations
  4. MCWP 2-3 MAGTF Intelligence Production and Analysis
  5. NAVMC 3500.100 Intelligence T&R Manual
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CE-INTL-9006: Integrate Joint, National, and Foreign Intelligence Support (L/S)

SUPPORTED MET(S): 2, 5, 9, 13

EVALUATION-CODED: YES

SUSTAINMENT INTERVAL: 12 months

CONDITION: Given a T/O staff operating in a Joint, Multinational, and/or Interagency environment, a higher headquarters operations order, commander's guidance and references.

STANDARD: During operations, so that all commanders requirements are satisfied.

EVENT COMPONENTS:

1. Create and finalize agreements on policies and procedures pertaining to intelligence operations.
2. Provide mutual intelligence support.
3. Ensure interoperability and connectivity among participants.

4. Conduct complimentary intelligence operations.
5. Utilize foreign intelligence sharing procedures.

**REFERENCES:**

1. JP 2-0 Joint Intelligence
  2. JP 2-01.1 Joint Tactics, Techniques, and Procedures for Intelligence Support to Targeting
  3. JP 2-02 National Intelligence Support to Joint Operations
  4. JP 3-07 Joint Doctrine for Military Operations Other Than War
  5. MCDP 2 Intelligence
  6. MCWP 2-1 Intelligence Operations
  7. NAVMC 3500.100 Intelligence T&R Manual
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**CE-IO-9001:** Plan and Direct Information Operations (IO) (L/S)

**SUPPORTED MET(S):** 6, 14

**EVALUATION-CODED:** YES

**SUSTAINMENT INTERVAL:** 6 months

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

**STANDARD:** To integrate, coordinate, and synchronize all actions taken in the information environment to affect target audiences behavior in order to create an operational advantage for the commander.

**EVENT COMPONENTS:**

1. Coordinate, integrate, and synchronize information activities to include: COMSTRAT, Electronic Warfare (EW), Military Information Support Operations (MISO), Operations Security (OPSEC), Public Affairs (PA), Civil-Military Operations (CMO), Cyberspace Operations, and Military Deception (MILDEC).
2. Plan, coordinate, and conduct battlespace shaping operations.
3. Plan and coordinate execution of ground and airborne EW.
4. Plan, coordinate, and conduct MISO.
5. Plan, coordinate, and conduct OPSEC.
6. Plan and coordinate Cyberspace Operations.
7. Plan and coordinate MILDEC Operations.
8. Plan and coordinate Special Technical Operations (STO).
9. Develop and disseminate operational culture.

**REFERENCES:**

1. DOD Directive 3600.1 Information Operations
  2. DoD IO Roadmap
  3. JP 1-02 Department of Defense Dictionary of Military and Associated Terms
  4. JP 3-13 Information Operations
  5. JP 3-53 Joint Psychological Operations
  6. JP 3-60 Joint Targeting
  7. MCWP 2-1 Intelligence Operations
  8. MCWP 2-3 MAGTF Intelligence Production and Analysis
  9. MCWP 3-33.1 MAGTF Civil Military Operations
  10. MCWP 3-40.4 MAGTF Information Operations
  11. MCWP 3-40.6 Psychological Operations
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CE-JOPS-9001: Integrate with Joint Forces and Interagency Organizations  
(L/S)

SUPPORTED MET(S): 5, 13

EVALUATION-CODED: YES

SUSTAINMENT INTERVAL: 12 months

CONDITION: Given supporting attachments operating in a MAGTF, Joint environment, a higher headquarters operations order, commander's guidance and command relationships.

STANDARD: To execute operations in a joint environment in accordance with the higher OPORD.

EVENT COMPONENTS:

1. Determine command relationships; integrated command and control procedures.
2. Identify restrictions (constraints/restraints) relating to other forces and organizations.
3. Integrate joint organizations and assets into the concept of operation IAW Commander's intent into the CE battlespace.
4. Establish liaisons with joint organizations.
5. Implement intelligence/information sharing procedures.
6. Identify external logistics support requirements.
7. Establish and implement procedures for integrated planning.
8. Establish and implement procedures for operations.
9. Establish and implement procedures for coordinating and synchronizing fires and effects.
10. Establish communications connectivity.
11. Identify capabilities and limitations of US government agencies / international organizations and nongovernmental organizations.

REFERENCES:

1. JP 3-0 Joint Operations
2. JP 3-07 Joint Doctrine for Military Operations Other Than War
3. MCWP 3-1 Ground Combat Operations
4. NSPD-44 Management of Interagency Efforts Concerning Reconstruction and Stabilization
5. USIP Guidelines for Relations between U.S. Armed Forces and Non-Governmental Humanitarian Organizations in Hostile or Potentially Hostile Environments

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CE-JOPS-9002: Integrate with Multinational Forces and/or Intergovernmental Organizations (L/S)

SUPPORTED MET(S): 5, 7, 13

EVALUATION-CODED: YES

SUSTAINMENT INTERVAL: 12 months

CONDITION: Given Higher Headquarters operations order, Commanders Guidance, Commanders orientation, battle staff, Unit TO&E, functional communications architecture and integrated C2 systems.

STANDARD: To achieve unity of effort and bring all relevant assets to bear on the situation.

EVENT COMPONENTS:

1. Determine command relationships; integrated command and control procedures.
2. Identify restrictions (constraints/restraints) relating to other forces and organizations.
3. Integrate joint organizations and assets into the concept of operation IAW Commander's intent into the CE battlespace.
4. Establish liaisons with joint organizations.
5. Implement intelligence/information sharing procedures.
6. Identify external logistics support requirements.
7. Establish and implement procedures for integrated planning.
8. Establish and implement procedures for operations.
9. Establish and implement procedures for coordinating and synchronizing fires and effects.
10. Establish communications connectivity.
11. Identify capabilities and limitations of US government agencies / international organizations and nongovernmental organizations.

REFERENCES:

1. DoD Directive 3000.05 Military Support for Stability, Security, Transition, and Reconstruction (SSTR) Operations
2. FM 3-07 Stability Operations
3. JP 3-07 Joint Doctrine for Military Operations Other Than War
4. JP 3-08 Interagency, Intergovernmental Organization, and Nongovernmental Organization Coordination during Joint Operations, Vol I and II
4. JP 3-16 Multinational Operations
5. MCDP 1-0 Marine Corps Operations

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CE-JOPS-9003: Integrate with Special Operations Forces (L/S)

SUPPORTED MET(S): 5, 13

EVALUATION-CODED: YES

SUSTAINMENT INTERVAL: 24 months

CONDITION: Given mission/task, all required personnel and command relationship.

STANDARD: Prior to and during operations

EVENT COMPONENTS:

1. Determine clear roles and responsibilities between forces.
2. Exchange liaison officers.
3. Determine information exchange requirements.
4. Coordinate operations/ missions across all warfighting functions.

REFERENCES:

1. FM 5-0 Army Planning and Orders Production
2. FMFM 6-3 Marine Infantry Battalion
3. FMFM 6-4 Marine Rifle Company/Platoon
4. JP 2-0 Joint Intelligence
5. JP 3-0 Joint Operations
6. JP 5-0 Joint Operation Planning
7. JP 5-00.2 Joint Task Force Planning Guidance and Procedures
8. MCO 3120.8A Organization of FMF for Combat
9. MCRP 2-3A Intelligence Preparation of the Battlefield/Battlespace

10. MCRP 3-11.2A Marine Troop Leader's Guide
11. MCRP 5-12A Operational Terms and Graphics
12. MCWP 2-1 Intelligence Operations
13. MCWP 4-1 Logistics Operations
14. MCWP 5-1 Marine Corps Planning Process (MCP)

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**CE-JOPS-9004**: Plan and Direct Support to Security Force Assistance (SFA)/Foreign Internal Defense (FID) (L/S)

**SUPPORTED MET(S)**: 5, 13

**EVALUATION-CODED**: YES

**SUSTAINMENT INTERVAL**: 18 months

**CONDITION**: Given a mission, references, and commanders intent.

**STANDARD**: Upon arrival in a HN, be prepared to plan and coordinate training/advising/assisting operations with military and/or civil security forces along across the range of military operations.

**EVENT COMPONENTS**:

1. Assess foreign forces capabilities.
2. Plan security force assistance and the training/advising/assisting of foreign military and civil security forces.
3. Direct security force assistance and the training/advising/assisting of foreign military and civil security forces.
4. Plan and direct the organizing, training, and advising of foreign forces.
5. Support the development of the capability and capacity of host-country defense institutions and ministries.
6. Facilitate foreign force integration for multinational operations.
7. Provide direct support to foreign forces by providing intelligence and operational support, and coordinating MSC support to foreign forces.

**REFERENCES**:

1. DODI 5000.68 Security Force Assistance
2. DODD 3000.07 Irregular Warfare
3. JP 3-22 Foreign Internal Defense
4. MCDP 1-0 Marine Corps Operations
5. MCWP 3-33.5 Counterinsurgency Operations
6. QDR 2010 Quadrennial Defense Review 2010
7. Tentative Manual for Countering Irregular Threats
8. Tentative Manual for Partnering Operations

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**CE-LOG-9001**: Plan and Direct Maritime Prepositioning Force (MPF) Operations (L/S)

**SUPPORTED MET(S)**: 1, 3, 6, 8, 12, 14

**EVALUATION-CODED**: YES

**SUSTAINMENT INTERVAL**: 24 months

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

**STANDARD:** To generate combat power ashore.

**EVENT COMPONENTS:**

1. Direct MPF planning process.
2. Establish AAOG.
3. Develop OPP/SLRP requirements.
4. Conduct predeployment processing.
5. Identify remain behind equipment (RBE) requirements.
6. Coordinate RBE requirements.
7. Coordinate FIE embarkation and strategic movement.
8. Coordinate for any follow-on force movement.
9. Coordinate with MAGTF MPF command and control agencies.
10. Coordinate property accounting of assets.
11. Coordinate maintenance support requirements.
12. Coordinate deployment of the FIE.
13. Task organize personnel to support throughput to TAAs.
14. Task organize equipment for the regimental combat team.
15. Conduct operational checks of all equipment.
16. Direct unit marshalling and movement operations.
17. Direct arrival and assembly operations.
18. Direct operations ashore.
19. Direct regeneration operations.
20. Direct redeployment operations.
21. Coordinate wash down and environmental inspection.

**REFERENCES:**

1. DOD 4500.9-R Defense Transportation Regulation (DTR)
2. MCBul 3501 MPF Marine Expeditionary Brigade (MEB) Force List
3. MCWP 3-31.5 Ship-to-Shore Movement
4. MCWP 3-32 Maritime Pre-positioning Force (MPF) Operations
5. MCWP 4-1 Logistics Operations
6. MCWP 4-11 Tactical-Level Logistics
7. MCWP 5-1 Marine Corps Planning Process (MCPPE)
8. NAVMC 2907 MPF Prepositioning Objective
9. NWP 22-10 MPF Operations
10. OH 1-5-1 Tri-MEF Maritime Pre-positioning Force Standing Operating Procedure

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**CE-LOG-9002:** Plan and Direct Transportation Operations (L/S)

**SUPPORTED MET(S):** 3, 12

**EVALUATION-CODED:** YES

**SUSTAINMENT INTERVAL:** 24 months

**CONDITION:** Given a requirement, personnel and equipment.

**STANDARD:** To ensure transportation support meets MAGTF mission objectives.

**EVENT COMPONENTS:**

1. Establish Force Transportation Board (FTB).
2. Coordinate transportation common operation picture (COP) inputs.
3. Establish movement control agencies in coordination with higher and adjacent commands.
4. Ensure execution of MAGTF priorities for transportation.
5. Direct in-transit visibility procedures.

6. Direct transportation support request procedures.
7. Direct transportation reporting procedures.
8. Direct utilization of required transportation automated information systems (AIS) employment.
9. Assign tasks to subordinate transportation support elements.
10. Communicate to higher headquarters transportation equipment and manpower shortfalls.
11. Synchronize internal and external transportation staff actions.
12. Supervise maritime prepositioning force offload operations.
13. Receive transportation requests.
14. Validate transportation support requirements
15. Prioritize transportation support requests.
16. Consolidate transportation support requests.
17. Track transportation capability availability.
18. Conduct C2 of convoy operations.
19. Employ transportation support AIS.
20. Monitor the status of current transportation operations.
21. Monitor transportation support asset availability.
22. Analyze subordinate units transportation status reports.
23. Track passenger, cargo, and vehicle throughput.
24. Report transportation requirements status.
25. Coordinate Joint, Interagency, Multi-national, and HN transportation support.
26. Coordinate emplacement task-organized personnel and equipment at terminals, distribution points, and pre-determined locations.
27. Establish transportation tracking procedures.
28. Establish transportation reporting procedures.
29. Support establishment of a distribution system.
30. Establish relationships with movement control agencies.
31. Establish a MAGTF Movement Control Center (MMCC).
32. Supervise embarkation functions.
33. Supervise landing support operations.
34. Supervise port and terminal operations.
35. Supervise motor transport operations.
36. Supervise rail operations.
37. Supervise air delivery operations.
38. Supervise freight/passenger transportation operations.
39. Supervise materials handling equipment (MHE) operations.
40. Develop a freight/passenger transportation plan.
41. Develop a materials handling equipment plan.
42. Develop a maritime prepositioning force offload plan.
43. Determine contracted transportation requirements.
44. Validate supported unit's transportation capabilities/responsibilities.
45. Develop a motor transport plan.
46. Develop a rail plan.
47. Develop an air delivery plan.
48. Identify contracted transportation capabilities.
49. Identify Joint, Interagency, Multi-national, and Host Nation (HN) transportation support capabilities.
50. Identify transportation support relationships.
51. Determine transportation equipment/manpower shortfalls.
52. Coordinate transportation requirements of embarkation plan.
53. Coordinate transportation requirements of landing support plan.
54. Develop a port and terminal operations transportation and traffic flow plan.
55. Evaluate mission requirements.
56. Determine transportation requirements.

57. Identify organic transportation capabilities.

**REFERENCES:**

1. DOD 4500.9-R Defense Transportation Regulation (DTR)
2. JP 3-0 Joint Operations
3. JP 3-02 Amphibious Operations
4. JP 4-09 Distributive Operations
5. MCRP 3-11.4 Helicopter Rope Suspension Techniques (HRST) Operations
6. MCRP 3-31.1A Employment of Landing Craft Air Cushion (LCAC)
7. MCRP 3-31B Amphibious Ships and Landing Craft Data Book
8. MCRP 4-11.2 Patient Movement
9. MCRP 4-11.3D/NWP 22.5 The Naval Beach Group
10. MCRP 4-11.3E Multi-service Helicopter Sling Load Vol 1&2
11. MCRP 4-11.3F Convoy Operations Handbook
12. MCRP 4-11.3G Unit Embarkation Handbook
13. MCRP 4-11.3H Multi-service Tactics, Techniques, and Procedures for Tactical Convoy Operations
14. MCRP 4-11C Combat Cargo Operations Handbook
15. MCWP 3-11.4 Helicopter Borne Operations
16. MCWP 3-31.5 Ship-to-Shore Movement
17. MCWP 3-32 Maritime Pre-positioning Force (MPF) Operations
18. MCWP 4-1 Logistics Operations
19. MCWP 4-11 Tactical-Level Logistics
20. MCWP 4-11.3 Transportation Operations
21. MCWP 4-12 Operational-Level Logistics
22. MSTP PAM 5-0.2 Operational Planning Team Leader's Guide

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**CE-LOG-9003:** Plan and Direct Supply Operations (L/S)

**SUPPORTED MET(S):** 3, 12

**EVALUATION-CODED:** YES

**SUSTAINMENT INTERVAL:** 24 months

**CONDITION:** Given a requirement, personnel and equipment.

**STANDARD:** To ensure supply support meets MAGTF mission objectives in conjunction with the other five coordinated logistics functional area operations and the MAGTF Commanders Concept of Operations.

**EVENT COMPONENTS:**

1. Identify Joint, Interagency, Multi-national services and Host Nation Support (HNS) supply supportability.
2. Identify equipment/manpower shortfalls.
3. Identify supporting/supported supply relationships.
4. Identify contracting requirements.
5. Validate supported unit capabilities and responsibilities.
6. Determine supply and resupply requirements.
7. Identify shortfalls of all classes of supply.
8. Develop fiscal oversight processes.
9. Develop a determination of requirements plan.
10. Develop a procurement plan.
11. Develop a storage plan.
12. Develop a distribution plan.
13. Develop a salvage plan.
14. Develop a disposal plan.

15. Determine supply tracking procedures.
16. Determine supply support request procedures.
17. Determine supply reporting procedures.
18. Integrate supply automated information systems (AIS) employment.
19. Coordinate tasks with subordinate supply support elements.
20. Communicate to higher headquarters equipment/manpower shortfalls.
21. Integrate supply support with higher, adjacent, supported, and supporting (HASS) organizations.
22. Synchronize internal and external supply staff actions.
23. Coordinate stockage level objectives for all classes of supply.
24. Communicate contracting requirements.
25. Determine mission requirements.
26. Identify organic supply capabilities.
27. Coordinate emplacement of task-organized personnel and equipment at supply and distribution points.
28. Establish reporting requirements procedures.
29. Provide inputs to the units common operating picture.
30. Submit Joint, Interagency, Multi-national, and HNS requirements to higher headquarters.
31. Supervise determination of requirements operations.
32. Supervise procurement operations.
33. Supervise storage operations.
34. Supervise distribution operations.
35. Supervise salvage operations.
36. Supervise disposal operations.
37. Track stockage resupply levels.
38. Receive support requests.
39. Validate supply support requirements.
40. Prioritize supply support requests.
41. Provide fiscal oversight.
42. Employ supply AIS.
43. Analyze supply status reports.
44. Monitor the Logistics Status Report.
45. Report critical supply materiel shortfalls.
46. Provide Logistics Status Report.
47. Perform equipment accountability procedures.

**REFERENCES:**

1. MCO 4400.16 Uniform Material Movement and Issue Priority System
2. MCO P4400.150 Consumer Level Supply Policy Manual
3. MCO P4790.2 MIMMS Field Procedures Manual
4. MCWP 4-1 Logistics Operations
5. MCWP 4-11 Tactical-Level Logistics
6. MCWP 4-11.7 MAGTF Supply Operations
7. MSTP PAM 4-0.2 A Logistics Planner's Guide
8. MSTP PAM 5-0.2 Operational Planning Team Leader's Guide
9. MSTP PAM 5-0.3 MAGTF Planner's Reference Manual
10. UM 4400-124 SASSY Using Unit Procedures
11. UM 4400-15 Organic Property Control

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**CE-LOG-9004:** Plan and Direct General Engineering Operations (L/S)

**SUPPORTED MET(S):** 3, 12

**EVALUATION-CODED:** YES

**SUSTAINMENT INTERVAL:** 24 months

**CONDITION:** Given a requirement, personnel and equipment.

**STANDARD:** To ensure general engineering support meets MAGTF mission objectives in conjunction with the other five coordinated logistics functional area operations and the MAGTF Commanders Concept of Operations.

**EVENT COMPONENTS:**

1. Determine mission requirements.
2. Determine general engineering requirements.
3. Identify organic general engineering capabilities.
4. Identify contracted general engineering capabilities.
5. Identify Joint, Interagency, Multi-national, and Host Nation (HN) general engineering support capabilities.
6. Identify general engineering support relationships.
7. Determine general engineering equipment and manpower shortfalls.
8. Develop a general engineering plan in support of mission requirements.
9. Determine contracting general engineering requirements.
10. Validate supported unit's general engineering capabilities/responsibilities.
11. Develop priorities for general engineering requirements.
12. Integrate general engineering support with the distribution plan.
13. Integrate general engineering support with the maintenance plan.
14. . Determine general engineering inputs to unit common operating picture.
15. Develop general engineering tracking procedures.
16. Develop general engineering support request procedures.
17. Develop general engineering reporting procedures.
18. Plan employment of engineer reconnaissance.
19. Plan employment of horizontal/vertical construction.
20. Plan employment of explosive ordnance disposal.
21. Plan employment of bridging.
22. Plan electrical power distribution.
23. Plan for essential base camp requirements.
24. Plan tactical water operations.
25. Plan hygiene service operations.
26. Plan tactical bulk fuel operations.
27. Plan tactical bulk fuel operations.
28. Plan facilities construction and maintenance.
29. Plan employment of demolition and obstacle removal.
30. Plan for survivability operations.
31. Plan to support mobility operations.
32. Plan to support counter-mobility operations.
33. Assign tasks to subordinate general engineering support elements.
34. Communicate to higher headquarters general engineering equipment and manpower shortfalls.
35. Synchronize internal and external general engineering staff actions.
36. Coordinate Joint, Interagency, Multi-national, and Host Nation (HN) General engineering support with higher headquarters.
37. Emplace task organized personnel and equipment at terminals, distribution points, and pre-determined locations.
38. Establish general engineering reporting procedures.
39. Establish general engineering tracking procedures.
40. Establish relationships with MAGTF Movement Control Center (MMCC).
41. Receive general engineering requests.
42. Validate general engineering support requirements.
43. Prioritize general engineering support requests.
44. Provide general engineering inputs to the COP.
45. Track general engineering capacity.

46. Employ general engineering AIS.
47. Monitor the status of current general engineering operations.
48. Analyze subordinate units' general engineering status reports.
49. Report general engineering status.

**REFERENCES:**

1. MCRP 4-11.1D Field Hygiene and Sanitation
  2. MCWP 3-17 Engineer Operations
  3. MCWP 4-1 Logistics Operations
  4. MCWP 4-11 Tactical-Level Logistics
  5. MCWP 4-12 Operational-Level Logistics
  6. MCWP 5-1 Marine Corps Planning Process (MCP)
  7. MSTP PAM 4-0.2 A Logistics Planner's Guide
  8. MSTP PAM 5-0.2 Operational Planning Team Leader's Guide
  9. MSTP PAM 5-0.3 MAGTF Planner's Reference Manual
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**CE-LOG-9005:** Plan and Direct Maintenance Operations

**SUPPORTED MET(S):** 3, 12

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

**CONDITION:** Given a requirement, personnel and equipment.

**STANDARD:** To ensure maintenance support meets MAGTF mission objectives in conjunction with the other five coordinated logistics functional area operations and the MAGTF Commanders Concept of Operations.

**EVENT COMPONENTS:**

1. Coordinate principal end item rotation.
2. Identify contracting support requirements.
3. Identify warranty service support requirements.
4. Identify supporting/supported maintenance relationships.
5. Determine maintenance requirements.
6. Validate supported unit's maintenance capabilities.
7. Determine maintenance reporting procedures.
8. Determine technical assistance and overflow maintenance procedures.
9. Develop maintenance support request procedures.
10. Determine maintenance support team procedures.
11. Integrate maintenance management procedures.
12. Develop procedures for inspection and classification.
13. Develop procedures for service, adjustment, and tuning.
14. Develop procedures for testing and calibration.
15. Develop procedures for repair.
16. Develop procedures for modification.
17. Develop procedures for rebuilding and overhaul.
18. Develop procedures for reclamation.
19. Develop procedures for recovery and evacuation.
20. Develop procedures for reparable management.
21. Identify Joint, Interagency, Multi-national, and Host Nation (HN) maintenance support availability.
22. Integrate maintenance automated information systems (AIS).
23. Assign tasks to subordinate maintenance support elements.
24. Communicate to higher headquarters maintenance equipment and manpower shortfalls.
25. Integrate maintenance support with higher, adjacent, supported, and

- supporting (HASS) organizations.
26. Synchronize internal and external maintenance staff actions.
  27. Integrate maintenance tracking procedures with HASS organizations.
  28. Coordinate Joint, Interagency, Multi-national, and HN maintenance support with higher headquarters.
  29. Coordinate maintenance surge operations.
  30. Coordinate emplacement of task-organized maintenance capabilities, support areas and facilities.
  31. Coordinate overflow maintenance.
  32. Coordinate maintenance inputs for unit common operating picture.
  33. Coordinate maintenance collection points.
  34. Supervise inspection and classification.
  35. Supervise service, adjustment, and tuning.
  36. Supervise testing and calibration.
  37. Supervise repair.
  38. Supervise modification.
  39. Supervise rebuilding and overhaul.
  40. Supervise reclamation.
  41. Supervise recovery and evacuation.
  42. Supervise reparable management.
  43. Track maintenance readiness.
  44. Report maintenance readiness.
  45. Receive maintenance support requests.
  46. . Validate maintenance support requirements.
  47. Prioritize maintenance support requests.
  48. Analyze maintenance readiness reports.
  49. Report critical maintenance shortfalls.

**REFERENCES:**

1. MCO 4400.16\_ Uniform Material Movement and Issue Priority System
2. MCO P4400.150\_ Consumer Level Supply Policy Manual
3. MCO P4790.2\_ MIMMS Field Procedures Manual
4. MCO P7300.21 Marine Corps Financial Management Standard Operating Procedures Manual
5. MCRP 4-11.4A Battle Damage Assessment and Repair
6. MCWP 4-1 Logistics Operations
7. MCWP 4-11 Tactical-Level Logistics
8. MCWP 4-11.4 Maintenance Operations
9. MCWP 4-11.7 MAGTF Supply Operations
10. MCWP 4-12 Operational-Level Logistics
11. MSTP PAM 4-0.2 A Logistics Planner's Guide
12. MSTP PAM 5-0.2 Operational Planning Team Leader's Guide
13. MSTP PAM 5-0.3 MAGTF Planner's Reference Manual
14. UM 4400-124 SASSY Using Unit Procedures
15. UM 4400-15 Organic Property Control

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**CE-LOG-9006:** Provide and Direct Health Services (L/S)

**SUPPORTED MET(S):** 3, 12

**EVALUATION-CODED:** NO

**SUSTAINMENT INTERVAL:** 1 month

**DESCRIPTION:** This task is designed for a MAGTF CE Health Services Support Element (HSSE). However, many event components may be applicable to

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subordinate MAGTF HSSEs at MSC/MSE level (MLG, DIV, MAW) depending upon size of force.

**CONDITION:** Given a requirement, personnel and equipment.

**STANDARD:** To ensure health services support meets MAGTF mission objectives.

**EVENT COMPONENTS:**

1. Assess all assigned operations; collect medical intelligence; and, implement policy to ensure the MAGTF is medically ready to deploy.
2. Identify health services requirements.
3. Develop a medical plan to support the MAGTF for operation(s)/mission(s) assigned.
4. Coordinate and establish Class VIIIA and B support for MAGTF.
5. Establish and promulgate guidance and procedures for MAGTF HSS administration and tracking.
6. Provide policy and guidance for medical rules of eligibility and treatment of all personnel within the MAGTF AOR.
7. Develop and promulgate a medical regulation plan for proper evacuation of casualties.
8. Plan and coordinate HSS for Detainees, enemy prisoners of war (EPWs) and/or internally displaced persons (IDPs), as required
9. Plan and promulgate guidance and procedures for Mass Casualty Response(s).
10. Establish liaison and manage the MAGTF medical support system within all pertinent regulating agencies (i.e. Joint, Coalition, etc.).
11. Provide retrograde policy and guidance for all med capabilities and Class VIII; Monitor/report progress to HHQ as required.

**REFERENCES:**

1. MCRP 4-11.1G Patient Movement
2. MCRP 4-11.2 Patient Movement
3. MCWP 4-1 Logistics Operations
4. MCWP 4-11 Tactical-Level Logistics
5. MCWP 4-11.1 Health Service Support Operations
6. MCWP 4-12 Operational-Level Logistics
7. MSTP PAM 4-0.2 A Logistics Planner's Guide
8. MSTP PAM 5-0.2 Operational Planning Team Leader's Guide
9. MSTP PAM 5-0.3 MAGTF Planner's Reference Manual

**CE-LOG-9007:** Plan and Direct Services (L/S)

**SUPPORTED MET(S):** 3, 12

**EVALUATION-CODED:** YES

**SUSTAINMENT INTERVAL:** 24 months

**CONDITION:** Given a requirement, personnel and equipment.

**STANDARD:** To ensure services support meets MAGTF requirements for Personal administration, Billeting, Legal, Exchange, Mortuary affairs, Postal, for the effective administration and employment of the MAGTF.

**EVENT COMPONENTS:**

1. Assess all assigned operations and, implement policy to ensure the MAGTF is ready to deploy.
2. Identify services requirements.

3. Develop a plan to support the MAGTF for operation(s)/mission(s) assigned.
4. Plan and direct Personnel administration, Billeting, Legal, Exchange, Mortuary affairs, Postal, disbursing, messing.
5. Oversee contracts and Contract Personnel.

**REFERENCES:**

1. MCWP 4-1 Logistics Operations
2. MCWP 4-11.8 Services in an Expeditionary Environment

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**CE-LOG-9008:** Prepare Forces for Movement (L/S)

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

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

**CONDITION:** Given an order and a deadline to move personnel, equipment, and supplies into an area of operations

**STANDARD:** So that all personnel, equipment, and supplies are prepared to deploy ICW established timelines.

**EVENT COMPONENTS:**

1. Direct the establishment of the Unit Movement Coordination Centers (UMCC).
2. Direct the Marshalling of personnel, equipment, and supplies.
3. Coordinate all ground transportation requirements.
4. Coordinate strategic lift.
5. Consolidate and submit all special lift documentation for air or surface movements.
6. Establish Terminal Operations Organizations (TOO).
7. Estimate throughput at Aerial Port of Embarkation/Debarkation (APOE/D) and Sea Port of Embarkation/Debarkation (SPOE/D).

**REFERENCES:**

1. DOD 4500.9-R Defense Transportation Regulation (DTR)
2. JP 3-0 Joint Operations
3. MCO P4030.19 Preparing Hazardous Materials for Military Air Shipments
4. MCO P4600.7 USMC Transportation Manual
5. MCRP 4-11.3G Unit Embarkation Handbook
6. MCWP 4-11.3 Transportation Operations

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**CE-LOG-9009:** Plan and Direct Reception, Staging, Onward Movement, and Integration (RSO&I) (L/S)

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

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

**CONDITION:** Given a unit with higher, subordinate and adjacent forces, a mission, concept of operations, available lift, and other resources

**STANDARD:** Prior to commencement of operations, in accordance with the plan, of all forces in the plan.

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**EVENT COMPONENTS:**

1. Coordinate and establish terminal operations with host nation, joint and inter-service agencies IOT facilitate throughput of personnel and equipment.
2. Receive/Account for units, personnel, equipment and materiel.
3. Direct the Marshalling/Staging of personnel and equipment.
4. Direct/Coordinate movement of forces from staging areas to forward assembly/operating areas.
5. Operate air and sea terminals (FOF/FIE).
6. Provide supply and support necessary for onward movement.

**REFERENCES:**

1. DOD 4500.9-R Defense Transportation Regulation (DTR)
2. JP 3-0 Joint Operations
3. JP 3-02 Amphibious Operations
4. JP 3-02.2 Amphibious Embarkation
5. MCDP 1-0 Marine Corps Operations
6. MCO 4470.1 MAGTF Deployment and Distribution Policy (MDDP)
7. MCWP 3-32 Maritime Pre-positioning Force (MPF) Operations

**CE-LOG-9010:** Identify Lift Requirements (L/S)

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

**EVALUATION-CODED:** YES

**SUSTAINMENT INTERVAL:** 12 months

**CONDITION:** Given a requirement, a concept of operations, automated information system (AIS), and references.

**STANDARD:** For air and surface movements for the MAGTF.

**EVENT COMPONENTS:**

1. Determine personnel lift requirements.
2. Determine container requirements.
3. Determine equipment lift requirements.
4. Determine sustainment lift requirements.
5. Determine special lift requirements.

**REFERENCES:**

1. MARADMIN 253/07 Interim Procedures for Managing Equipment Data in TFSMS
2. MCO 8010.1 Class V (W) Planning Factors for Fleet Marine Force Combat Operations
3. MCRP 4-11.3G Unit Embarkation Handbook
4. MCRP 4-11C Combat Cargo Operations Handbook
5. TM 11240-OD Principal Technical Characteristics of U.S. Marine Corps Motor Transportation Equipment
6. TM 11275-15.3 Principle Technical Characteristics of U.S. Marine Corps Engineer Equipment
7. TM 2000-OD.2 Principle Technical Characteristics of U.S. Marine Corps Communication-Electronics Equipment
8. TM 8000-10.1 Principle Technical Characteristics of U.S. Marine Corps Ordnance Equipment
9. UM 4400-124 SASSY Using Unit Procedures

CE-LOG-9011: Plan and Direct Embarkation/Debarkation Operations (L/S)

SUPPORTED MET(S): 1, 8

EVALUATION-CODED: YES

SUSTAINMENT INTERVAL: 12 months

CONDITION: Given a warning order.

STANDARD: So that all personnel and equipment are properly embarked in accordance with regulations.

EVENT COMPONENTS:

1. Publish embarkation Letter of Instruction and establish Airlift Liaison Elements (ALE)/ Sealift Liaison Element (SLE) as required.
2. Direct Terminal Operations Organizations (TOO):
3. Direct the assignment of Commander of Troops (COT), Team Embarkation Officers (TEO), and Plane Team Commanders.
4. Direct the use of In-transit Visibility (ITV).
5. Establish Unit Marshalling Areas (UMA).
6. Direct the preparation of load plans and associated documentation.
7. Coordinate the Port Handling and Inland Transportation (PHIT) requirements.
8. Establish organization embarkation and assignment to shipping (OEAS).

REFERENCES:

1. DOD 4500.9-R Defense Transportation Regulation (DTR)
  2. JP 1-0 Joint Doctrine for Personnel Support to Joint Operations
  3. JP 3-0 Joint Operations
  4. JP 3-02 Amphibious Operations
  5. JP 3-02.2 Amphibious Embarkation
  6. JP 4-0 Joint Logistics
  7. MCO 4470.1 MAGTF Deployment and Distribution Policy (MDDP)
  8. MCWP 3-32 Maritime Pre-positioning Force (MPF) Operations
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CE-LOG-9012: Develop Logistics Plans and Orders (L/S)

SUPPORTED MET(S): 3, 12

EVALUATION-CODED: YES

SUSTAINMENT INTERVAL: 6 months

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

STANDARD: To ensure equipment and personnel sustainment in accordance with the unit's concept of support and mission accomplishment.

EVENT COMPONENTS:

1. Identify unit on hand MTOE strengths.
2. Identify organic capabilities.
3. Coordinate transportation requirements.
4. Coordinate maintenance requirements.
5. Coordinate engineering requirements.
6. Coordinate supply requirements.
7. Coordinate services required.

8. Coordinate medical requirements.
9. Coordinate detainee operations requirements.
10. Coordinate external support.
11. Identify support relationships.
12. Prepare concept of support.
13. Determine priority of support.
14. Develop logistics tracking process.
15. Assign tasks to subordinate supporting elements.
16. Monitor contingency fund allocation and spending.
17. Identify contracting requirements.
18. Identify Logistics Civilian Augmentation Program (LOGCAP).
19. Support the establishment of a Forward Operating Base (FOB).
20. Identify critical shortfalls.

**REFERENCES:**

1. JP 3-02.2 Amphibious Embarkation
2. MCDP 4 Logistics
3. MCO 8010.1 Class V (W) Planning Factors for Fleet Marine Force Combat Operations
4. MCO P4400.150 Consumer Level Supply Policy Manual
5. MCO P4790.2 MIMMS Field Procedures Manual
6. MCO P5090.2 Environmental Compliance and Protection Manual (Jul 98)
7. MCO P8020.10 Marine Corps Ammunition and Explosives Safety Program
8. MCRP 5-12A Operational Terms and Graphics
9. MCWP 3-17 Engineer Operations
10. MCWP 3-21.1 Aviation Ground Support
11. MCWP 3-31.5 Ship-to-Shore Movement
12. MCWP 3-32 Maritime Pre-positioning Force (MPF) Operations
13. MCWP 3-40.1 Marine Air-Ground Task Force Command and Control
14. MCWP 4-1 Logistics Operations
15. MCWP 4-11.3 Transportation Operations
16. MCWP 4-11.4 Maintenance Operations
17. MCWP 4-11.6 Petroleum and Water Logistics Operations
18. MCWP 4-11.7 MAGTF Supply Operations
19. MCWP 4-11.8 Services in an Expeditionary Environment
20. MCWP 5-1 Marine Corps Planning Process (MCP)

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**CE-OPS-9001:** Establish and Conduct Combat Operations Center (COC) Operations (L/S)

**SUPPORTED MET(S):** 6, 14

**EVALUATION-CODED:** YES

**SUSTAINMENT INTERVAL:** 6 months

**CONDITION:** Given proper equipment, supporting attachments, operating within a MAGTF/Joint/Multinational/Interagency environment, a higher headquarters' operations order and commander's guidance.

**STANDARD:** Within 48 hours of establishment within the CP, uninterrupted continuous operations, over an indefinite period.

**EVENT COMPONENTS:**

1. Establish a COC with communications and C2 systems/applications that support the required Command Post echelon (Forward, Main, and Rear).
2. Establish a COC Watch.

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3. Maintain and refine the battle rhythm.
4. Execute the six warfighting functions within the COC.
5. Conduct IM procedures.
6. Conduct battledrills.
7. Coordinate with external units/agencies. (e.g. USAID, DIA, CIA, NSA).
8. Receive and disseminate reports and orders.
9. Maintain a Common Operational Picture/Common Tactical Picture (CTP).
10. Conduct cross boundary coordination for all warfighting functions with adjacent units.
11. Transition control of operations to the appropriate echelon.
12. Integrate with the Fire Support Coordination Center (FSCC).
13. Integrate with the Intelligence Operations Center.
14. Integrate with the Tactical Air Command Center (TACC).
15. Integrate Civil Military Operation center (CMOC) into the COC.
16. Displace the COC.
17. Maintain continuity of operations during displacement of the COC.
18. Establish the Personnel Recovery Cell.
19. Coordinate movement of forces.

**REFERENCES:**

1. FM 3-0 Operations
  2. FMI 5-0.1 The Operations Process
  3. JP 3-0 Joint Operations
  4. JP 3-50 Personnel Recovery
  5. MCDP 1-0 Marine Corps Operations
  6. MCWP 3-40.1 Marine Air-Ground Task Force Command and Control
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**CE-OPS-9002:** Conduct Assessment (L/S)

**SUPPORTED MET(S):** 3, 7, 10

**EVALUATION-CODED:** YES

**SUSTAINMENT INTERVAL:** 12 months

**CONDITION:** Given supporting attachments operating in a MAGTF, Joint, Multinational, and/or Interagency environment, established assessment process, a higher headquarters operations order, commander's guidance, and references

**STANDARD:** Throughout the planning, preparation and execution of an operation, within the battle rhythm established by the commander, to allow the commander to determine mission effectiveness IOT support the commander's decision-making process

**EVENT COMPONENTS:**

1. Identify baseline conditions.
2. Develop Measures of Effectiveness (MOE).
3. Develop Measures of Performance (MOP).
4. Determine method of collecting, reporting, and tracking MOE/P.
5. Integrate assessment activities into the Battle Rhythm.
6. Modify MOE and MOP as required based on commanders guidance and staff input.

**REFERENCES:**

1. FMI 5-0.1 The Operations Process
2. JP 3-0 Joint Operations

3. JP 5-0 Joint Operation Planning
4. MCWP 3-40.1 Marine Air-Ground Task Force Command and Control
5. MCWP 5-1 Marine Corps Planning Process (MCP)
6. MSTP PAM 6-9 Assessment

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**CE-OPS-9003:** Direct the Execution of the Operational Plan (L/S)

**SUPPORTED MET(S):** 3, 12, 14

**EVALUATION-CODED:** YES

**SUSTAINMENT INTERVAL:** 12 months

**CONDITION:** Given assigned forces, an operations order, operational CP and battle staff and functional communications architecture.

**STANDARD:** To ensure attainment of the Commanders concept and intent in accordance with assigned military objectives.

**EVENT COMPONENTS:**

1. Employ C2 Systems.
2. Issue orders (e.g. AFTP annex).
3. Refine the plan as necessary.
4. Implement Tactical Control Measures.
5. Identify and track decision points (e.g. CCIRs).
6. Coordinate with higher, adjacent, supporting units.
7. Monitor execution of operations
8. Prepare for follow on operations as appropriate (branches, sequels, etc).
9. Provide operational assessment to Commander.
10. Maintain and refine battle rhythm.

**REFERENCES:**

1. DCOCSOP Digital COC SOP for Battalion Operations in Irregular Warfare
2. JP 3-0 Joint Operations
3. JP 3-02 Amphibious Operations
4. MCDP 1-0 Marine Corps Operations
5. MCWP 2-1 Intelligence Operations
6. MCWP 3-1 Ground Combat Operations
7. MCWP 3-2 Aviation Operations
8. MCWP 4-1 Logistics Operations
9. MCWP 5-1 Marine Corps Planning Process (MCP)
10. MCWP 6-2 MAGTF Command and Control Operations

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**CE-OPS-9004:** Plan and Coordinate In-Transit Security (L/S)

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

**EVALUATION-CODED:** YES

**SUSTAINMENT INTERVAL:** 6 months

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

**STANDARD:** To coordinate, deconflict and execute convoy operations in support of the scheme of maneuver to achieve the commander's intent.

**EVENT COMPONENTS:**

1. Control convoy operations through the MAGTF Movement Control Center (MMCC).
2. Utilize C2 systems to track convoy movement through the battlespace.
3. Designate route security procedures and allocate units to this task.
4. Establish coordination and control measures when transitioning through multiple battlespaces.
5. Establish procedures for battle hand-off from a convoy in contact to a maneuver element.
6. Task ISR or non-traditional ISR to provide route reconnaissance of MSR/ASRs.
7. Plan for route clearance.
8. Plan for personnel and equipment recovery.
9. Develop and maintain a master route status chart.
10. Establish Force Transportation Board.

**REFERENCES:**

1. JP 4-09 Distributive Operations
2. MCO 4470.1\_ MAGTF Deployment and Distribution Policy (MDDP)
3. MCRP 4-11.3H Multi-service Tactics, Techniques, and Procedures for Tactical Convoy Operations

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**CE-OPS-9005:** Plan and Direct Theater Security Cooperation Activities

**SUPPORTED MET(S):** 5, 6, 11, 13, 14

**EVALUATION-CODED:** YES

**SUSTAINMENT INTERVAL:** 18 months

**CONDITION:** Given a mission, references, and commanders intent.

**STANDARD:** During all phases of combat, on order for as long as required.

**EVENT COMPONENTS:**

1. Identify areas needing improvement.
2. Conduct planning.
3. Meet national, theater, regional, and country objectives.
4. Develop foreign security force capability.
5. Build regional relationships.
6. Ensure peacetime and contingency access for U.S. and partnered forces.

**REFERENCES:**

1. Maritime Security Cooperation Plan
2. CSP Marine Corps Campaign Support Plan (current)
3. DON Memorandum 5700 INTERIM POLICY FOR SOURCING SECURITY COOPERATIONS EVENTS AND ACTIVITIES
4. GCC Theater Campaign Plan
5. GEF Employment of the Force Guidance (current)
6. Handouts Security Cooperation Planners Course
7. MCO 4900.3\_ MARINE CORPS SECURITY ASSISTANCE AND RELATED INTERNATIONAL PROGRAMS
8. MCO 5710.6\_ USMC SECURITY COOPERATION
9. MSRP US Embassy Mission Strategic Resource Plan
10. NSS National Security Strategy (NSS) of the United States
11. Policy Security Cooperation Interim Policy (2009)
12. TSCMS Theater Security Cooperation management System

13. USMC Marine Component Command Campaign Support Plan
14. USMC Marine Component Command Country Plan

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CE-OPS-9006: Plan and Direct Force Protection (L/S)

SUPPORTED MET(S): 6, 7, 14

EVALUATION-CODED: YES

SUSTAINMENT INTERVAL: 12 months

CONDITION: In all environments, given a higher headquarters operations order, and commander's guidance.

STANDARD: To mitigate risk to friendly forces.

EVENT COMPONENTS:

1. Integrate Force Protection assessments and planning considerations into the planning process.
2. Consolidate a threat assessment, vulnerability assessment, and risk assessment for the AT/FP Plan and mission assurance.
3. Ensure pre-deployment training is provided along with AOR briefings for personnel traveling in support of unit deployments.
4. Establish command information programs to ensure unit personnel are informed of FPCON levels.
5. Develop coordinated terrorist incident response and consequence management measures (Emergency Action Plan, (EAP)).
6. Develop procedures to collect and analyze current terrorist threat information, threat capabilities, and vulnerabilities.
7. Develop unit specific random antiterrorism measures (RAMs).
8. Ensure site specific AT measures identify and address special security areas and access control.
9. Identify high-risk personnel/billets for the unit and develop appropriate security measures.
10. Publish escalation of force and rules of engagement policies.
11. Coordinate logistical support for the force protection plan.
12. Coordinate with host nation/local authorities as required.
13. Integrate ISR into force protection planning.

REFERENCES:

1. MCDP 1-0 Marine Corps Operations
2. MCWP 2-6 Counterintelligence
3. MCWP 3-40.1 Marine Air-Ground Task Force Command and Control
4. MCWP 3-40.3 MAGTF Communications System
5. MCWP 5-1 Marine Corps Planning Process (MCP)

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CE-OPS-9007: Plan and Direct Defense Support of Civil Authorities (DSCA) (L/S)

SUPPORTED MET(S): 6, 14

EVALUATION-CODED: YES

SUSTAINMENT INTERVAL: 12 months

CONDITION: Given the requirement to respond to domestic natural or man-made disasters, and MOA/MOUs, if appropriate.

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**STANDARD:** On order, until directed to cease.

**EVENT COMPONENTS:**

1. Conduct DSCA planning.
2. Analyze request for support.
3. Establish command relationships.
4. Establish liaisons with civilian command centers.
5. Deploy appropriate forces.
6. Direct the restoration of essential services.
7. Provide support to governance.
8. Provide support to economic and infrastructure development.
9. Redeploy forces.

**REFERENCES:**

1. Leaders Guide for Managing Marines in Distress (www.usmc-mccs.org)  
<http://www.usmc-mccs.org/LeadersGuide/index.htm>
2. MCRP 4-11.1D Field Hygiene and Sanitation
3. MCWP 3-33.1 MAGTF Civil Military Operations
4. MCWP 3-33.3 Marine Corps Public Affairs

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**CE-OPS-9008:** Plan and Direct Humanitarian Assistance and Disaster Relief (HA/DR) (L/S)

**SUPPORTED MET(S):** 6, 14

**EVALUATION-CODED:** YES

**SUSTAINMENT INTERVAL:** 12 months

**CONDITION:** Given a mission, and 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 nations' populace.

**EVENT COMPONENTS:**

1. Ensure mission complies with international laws and directives.
2. Direct assessments to determine scope of problem.
3. Coordinate with joint, interagency, intergovernmental, and multinational organizations.
4. Identify existing local standards.
5. Identify assets and resources available.
6. Support FHA operations.
7. Provide civil information. (as required).
8. Transition to follow-on organizations.

**REFERENCES:**

1. DODD 2205.2 Humanitarian and Civic Assistance (HCA) Provided in Conjunction with Military Operations (Oct 94)
  2. FM 100-23-1 Humanitarian Assistance Operations
  3. JP 3-29 Foreign Humanitarian Assistance
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CE-PLAN-9001: Prepare Plans and Orders (L/S)

SUPPORTED MET(S): 2, 3, 3, 6, 7, 9, 10, 12, 14

EVALUATION-CODED: YES

SUSTAINMENT INTERVAL: 12 months

CONDITION: Given supporting attachments operating in a MAGTF, Joint, Multinational, and/or Interagency environment, receive higher headquarters warning order/operations order, commander's guidance, and references.

STANDARD: In a timely manner to allow subordinates time to plan, prepare and rehearse.

EVENT COMPONENTS:

1. Establish timeline for planning and preparation.
2. Determine planning process (Campaign, MCPP, Amphibious Planning Process, Crisis Action Planning (CAP), R2P2, Joint Operational Planning Process (JOPP)).
3. Conduct campaign, MCPP, Amphibious Planning Process, CAP, R2P2, JOPES planning.
4. Integrate assessment process.
5. Issue the plan/order.

REFERENCES:

1. FMI 5-0.1 The Operations Process
  2. JP 3-02 Amphibious Operations
  3. JP 3-50 Personnel Recovery
  4. MCWP 3-40.1 Marine Air-Ground Task Force Command and Control
  5. MCWP 5-1 Marine Corps Planning Process (MCPP)
  6. MSTP PAM 5-0.2 Operational Planning Team Leader's Guide
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CE-PLAN-9002: Plan and Direct Force Reconstitution/Redeployment (L/S)

SUPPORTED MET(S): 8

EVALUATION-CODED: YES

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: Perform those actions during or after operational employment to restore combat capability to full operational readiness.

CONDITION: Given a unit that has experienced combat loss or disorganization and a follow on mission, and the commanders desired level of combat effectiveness

STANDARD: To restore the units fighting potential to the level of combat effectiveness desired by the commander.

EVENT COMPONENTS:

1. Shift internal resources.
2. Pull resources from external sources.
3. Cross-level equipment and personnel.
4. Match operational weapons systems with crews.
5. Form composite units.

REFERENCES:

1. JP 3-0 Joint Operations
2. JP 3-02 Amphibious Operations
3. JP 3-35 Deployment and Redeployment Operations
4. JP 4-0 Joint Logistics
5. JP 5-00.2 Joint Task Force Planning Guidance and Procedures
6. MCDP 1-0 Marine Corps Operations
7. MCDP 3 Expeditionary Operations
8. MCWP 4-1 Logistics Operations
9. MCWP 4-11 Tactical-Level Logistics
10. MCWP 4-6 MAGTF Supply Operations

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CE-PLAN-9003: Plan and Direct Force Deployment/Redeployment Using JOPES (L/S)

SUPPORTED MET(S): 6, 14

EVALUATION-CODED: YES

SUSTAINMENT INTERVAL: 12 months

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

STANDARD: To arrange sufficient transportation assets for unit deployment.

EVENT COMPONENTS:

1. Review the concept of operations/operations plan to determine specific transportation/lift requirements.
2. Identify TPFDD requirements to higher headquarters.
3. Formulate an embarkation plan with level 4 data.
4. Develop Force Deployment Planning and Execution requirements.
5. Disseminate a movement schedule to the appropriate units.
6. Develop embarkation/movement LOI.
7. Support deployment and distribution planning through the use of automated information systems (AIS).

REFERENCES:

1. AMC 36-1 AMC Affiliation Program Airlift Planner's Pamphlet
2. JP 3-02 Amphibious Operations
3. JP 3-02.2 Amphibious Embarkation
4. MCO 4630.6 Military Airlift Command Requirement
5. MCO P4450.12 Storage and Handling of Hazardous Material
6. MCO P4600.7 USMC Transportation Manual
7. MCO P5090.2 Environmental Compliance and Protection Manual (Jul 98)

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CE-STAB-9001: Plan and Direct Civil Military Operations CMO (L/S)

SUPPORTED MET(S): 5, 7, 11, 13

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 24 months

CONDITION: Given supporting attachments operating in a MAGTF, Joint, Multinational, and/or Interagency environment, a higher headquarters warning

order / operations order, commander's guidance, references and a subordinate Civil Affairs unit.

**STANDARD:** Prior to and during operations.

**EVENT COMPONENTS:**

1. Prepare Annex G.
2. Oversee assigned and attached CA forces.
3. Coordinate key leader engagement.
4. Implement PRC Populace and Resources Control.
5. Oversee all aspects of the relationship between the MAGTF and external non-military agencies.
6. Oversee all CA plans programs and policies.
7. Prioritize CA projects.

**REFERENCES:**

1. FM 41-10 Civil Affairs Operations
  2. JP 3-28; 14 Sept 2007 Civil Support
  3. JP 3-57 Civil-Military Operations
  4. MCWP 3-33.1 MAGTF Civil Military Operations
- 

**CE-STAB-9002:** Plan and Direct Stability Operations (L/S)

**SUPPORTED MET(S):** 7

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

**CONDITION:** Given a mission and commander's intent in a theater following a conflict or natural disaster activities outside US.

**STANDARD:** Conducting all aspects of stability operations, concurrent with all other missions, until relieved or ordered to cease.

**EVENT COMPONENTS:**

1. Conduct stability operations planning and assessment.
2. Deploy appropriate forces.
3. Establish civil security.
4. Establish civil control.
5. Restore essential services
6. Provide support to governance.
7. Provide support to economic and infrastructure development.
8. Conduct key target audience engagement.
9. BPT conduct rebuilding, reviving, constructing and developing operations.
10. Coordinate and integrate with coalition and foreign national agencies.

**REFERENCES:**

1. DoDI 3000.05, September 16, 2009 Stability Operations
2. FM 3-05.137 Army Special Operations Forces Foreign Internal Defense
3. FM 3-07 Stability Operations
4. JP 3-07 Joint Doctrine for Military Operations Other Than War
5. JP 3-08 Interagency, Intergovernmental Organization, and Nongovernmental Organization Coordination during Joint Operations, Vol I and II
6. JP 3-57 Civil-Military Operations
7. MCDP 1-0 Marine Corps Operations
8. MCWP 3-33.1 MAGTF Civil Military Operations

9. MCWP 3-33.5 Counterinsurgency Operations
  10. NSPD-44 Management of Interagency Efforts Concerning Reconstruction and Stabilization
  11. USIP Guidelines for Relations between U.S. Armed Forces and Non-Governmental Humanitarian Organizations in Hostile or Potentially Hostile Environments
-

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APPENDIX A

ACRONYMS AND ABBREVIATIONS

AA	Administrative action
ACC	Administrative clerk course
ADC	Area distribution center
ADCON	Administrative control
ADJ	Adjutant
ADP	Automatic data processing
ADOS	Active Duty Operational Support
ADSW	Active duty special work
ADT	Active duty training
AFADBD	Armed forces active duty base date
AIC	Accounting identification code
AIS	Automated information systems
ALE	Airlift Liaison Elements
AMCITS	American Citizens
AO	Area of operations
AO	Approving Official
AOR	Area of responsibility
APAC	Advance personnel administrative chief course
APACS	Aircraft and Personnel Area Clearance System
APDS	All purpose date stamp
APES	Automated Performance Evaluation System
APO	Army Post Office
APOE/D	Aerial Port of Embarkation/Debarcation
APS	Awards Processing System
AR	Active Reserve
ARCR	Annual Retirement Credit Report
ASR	Authorized Strength Report
AT	Annual Training
ATGM	Attack Guidance Matrix
BAS	Basic Allowance for Subsistence
BAH	Basic Allowance for Housing
BIC	Billet Information Code
BIR	Basic individual record
BTR	Basic training record
BMOS	Billet Military Occupational Specialty
BCNR	Bureau of Corrections for Naval Records
BSM	Battlespace Shaping Matrix
C2	Command and Control
CA	Convening Authority
CACO	Casualty Assistance Call Officer
CAC	Common access card
CAP	Crisis Action Planning
CDPA	Central Design and Programming Activity
CEOI	Communication-Electronics Operations Instructions
CertCom	Certificate of Commendation
CHART	Civilian Hiring and Recruitment Tool
CJCS	Chairman of the Joint Chiefs of Staff
CJCSI	Chairman of the Joint Chiefs of Staff instruction
CJCSM	Chairman of the Joint Chiefs of Staff manual

CMC . . . . . Commandant of the Marine Corps  
 CMCC . . . . . Classified Material Control Center  
 CMF . . . . . Central master file  
 CMO . . . . . Civil Military Operations  
 CMOC . . . . . Civil Military Operation Center  
 CMR . . . . . Consolidated Memorandum Receipt  
 CMRRB . . . . . Civilian Resource Management Review Board  
 CMS . . . . . COMSEC materials system  
 CBRN . . . . . Chemical, Biological, Radiological and Nuclear  
 CO . . . . . Commanding officer  
 COC . . . . . Combat Operations Center  
 COCOM . . . . . Combatant Commander  
 COD . . . . . Collect on delivery  
 COLA . . . . . Cost of Living Allowance  
 COM . . . . . Collection Operations Management  
 COMMARFOR . . . . . Commander, Marine Corps Forces  
 COMMARFORLANT . . . . . Commander, Marine Corps Forces, Atlantic  
 COMMARFORPAC . . . . . Commander, Marine Corps Forces, Pacific  
 COMSEC . . . . . Communications security  
 CON . . . . . Conduct  
 CONGINT . . . . . Congressional/Special Interest  
 CONUS . . . . . Continental United States  
 COP . . . . . Common Operational Picture  
 COPE . . . . . Custodian of Postal Effects  
 COT . . . . . Commander of Troops  
 CRB . . . . . Competency Review Board  
 CRCR . . . . . Career Retirement Credit Report  
 CRM . . . . . Collection Requirements Management  
 CSP . . . . . Career Sea Pay  
 CSR . . . . . Consolidated Strength Report  
 CSR . . . . . Command Staffing Report  
 CTP . . . . . Common Tactical Picture  
 CTZE . . . . . Combat Tax Zone Exclusion  
 DFN . . . . . Designated Foreign National  
 DISA . . . . . Defense Information Systems Agency  
 DCIPS . . . . . Defense Civilian Intelligence Personnel System  
 DCIPS . . . . . Defense Casualty Information Processing System  
 DCM . . . . . Damage Criteria Matrix  
 DCP . . . . . Directives Control Point  
 DCTB . . . . . Date Current Tour Began  
 DEOCS . . . . . Defense Equal Opportunity Climate Survey  
 DEERS . . . . . Defense Enrollment Eligibility Reporting System  
 DES . . . . . Disability Evaluation System  
 DIMHRS . . . . . Defense Integrated Manpower Human Resource System  
 DISTLEARN . . . . . Distance learning  
 DFAS . . . . . Defense Finance Accounting Service  
 DFR . . . . . Diary Feedback Report  
 DLA . . . . . Dislocation allowance  
 DMM . . . . . Domestic Mail Manual  
 DMS . . . . . Defense Message System  
 DoD . . . . . Department of Defense  
 DoDD . . . . . Department of Defense directive  
 DoDI . . . . . Department of Defense instruction  
 DoDFMR . . . . . Department of Defense financial management regulations  
 DON . . . . . Department of the Navy  
 DONCAF . . . . . Department of the Navy Central Adjudication Facility  
 DOR . . . . . Date of Rank

DP . . . . . Decision Point  
DR . . . . . Dental record  
DRRS . . . . . Defense Readiness Reporting System  
DSCA . . . . . Defense Support of Civil Authorities  
DSR . . . . . Deployment Status Report  
DTAS . . . . . Deployed Theatre Accountability System  
DTMS . . . . . Document Tracking Management System  
DTOD . . . . . Defense Table of Official Distances  
DTP . . . . . DoD Drug Testing Program  
DTS . . . . . Defense Travel System  
EA . . . . . Executive Agent  
EAP . . . . . Emergency Action Plan  
EAS . . . . . End of Active Service  
ECC . . . . . End of Current Contract  
EAD . . . . . Extended Active Duty  
EDA . . . . . Estimated Date of Arrival  
EDD . . . . . Estimated Date of Departure  
EDFR . . . . . Electronic Diary Feedback Report  
ELSIG . . . . . Electronic signature  
EO . . . . . Equal Opportunity  
EOA . . . . . Equal Opportunity Advisor  
EPW . . . . . Enemy Prisoner of War  
ESGM . . . . . Enlisted Staffing Goal Model  
ETD . . . . . Estimated Time of Delivery  
EUCU . . . . . End User Computer Equipment  
EW . . . . . Electronic Warfare  
FAP . . . . . Fleet Assistance Program  
FCG . . . . . Foreign Clearance Guide  
FID . . . . . Foreign Internal Defense  
FMC . . . . . Fleet Mail Center  
FMF . . . . . Fleet Marine Force  
FMFM . . . . . Fleet Marine Force manual  
FHTNR . . . . . Fleet Home Town News Release  
FMCC . . . . . Future monitor command code  
FMR . . . . . Financial management regulations  
FOB . . . . . Forward Operating Base  
FPO . . . . . Fleet Post Office  
FSA . . . . . Family Separation Allowance  
FSCC . . . . . Fire Support Coordination Center  
FSGLI . . . . . Family Service Member's Group Life Insurance  
FTB . . . . . Force Transportation Board  
FY . . . . . Fiscal year  
G-1 . . . . . Manpower or personnel staff officer  
G-2 . . . . . Intelligence staff officer  
G-3 . . . . . Operations staff officer  
G-4 . . . . . Logistics staff officer  
G-6 . . . . . Communications and information systems officer  
GCM . . . . . Good Conduct Medal  
GEMS . . . . . Global Enterprise Mail System  
GPO . . . . . Government Printing Office  
GSA . . . . . General Services Administration  
GTCC . . . . . Government Travel Charge Card  
GTCCP . . . . . Government Travel Charge Card Program  
GTN . . . . . Global Transportation Network  
GTR . . . . . Government Transportation Request  
HA/DR . . . . . Humanitarian assistance and disaster relief  
HASS . . . . . Higher, Adjacent, Subordinate, Supporting

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HDP . . . . . Hardship Duty Pay  
 HFP . . . . . Hostile Fire Pay  
 HN . . . . . Host nation  
 HQMC . . . . . Headquarters, Marine Corps  
 HR . . . . . Health record  
 HRO . . . . . Human Resources Office  
 HSAP . . . . . Health Services Augmentation Program  
 HSSE . . . . . Health Services Support Element  
 IA . . . . . Individual augment  
 IAW . . . . . In accordance with  
 IADT . . . . . Incremental Active Duty Training  
 IDL . . . . . International Date Line  
 IDP . . . . . Internally displaced person  
 IDT . . . . . Inactive Duty Training  
 IHCA . . . . . In Hands of Civilian Authorities  
 IHFA . . . . . In Hands of Foreign Authorities  
 ID . . . . . Identification  
 IDL . . . . . Internal Distribution List  
 IDP . . . . . Imminent Danger Pay  
 IDT . . . . . Inactive Duty Training  
 IFDTL . . . . . Internet Forensics Drug Testing Laboratory  
 IIADT . . . . . Incremental Initial Active Duty  
 IMA . . . . . Individual Mobilization Augmentee  
 IMM . . . . . International Mail Manual  
 IO . . . . . Investigating Officer  
 IO . . . . . Information Operations  
 IPAC . . . . . Installation Personnel Administrative Center  
 IPP . . . . . Irregular parcels and pieces  
 IPP . . . . . In Progress Payments  
 IRO . . . . . Initial Review Officer  
 IRR . . . . . Individual Ready Reserve  
 IRT . . . . . Integrated Retail Terminal  
 ITV . . . . . In-transit Visibility  
 JCS . . . . . Joint Chiefs of Staff  
 JFTR . . . . . Joint Federal Travel regulations  
 JMPA . . . . . Joint Military Postal Activity (Atlantic or Pacific)  
 JP . . . . . Joint Publication  
 JPERSTAT . . . . . Joint Personnel Status  
 JPRA . . . . . Joint Personnel Recovery Agency  
 JRC . . . . . Joint Reception Center  
 JTF . . . . . Joint Task Force  
 KVN . . . . . Key Volunteer Network  
 IA . . . . . Individual Augments  
 LCM . . . . . Leave and Earnings Statement  
 LES . . . . . Letter class mail  
 LOA . . . . . Letter of appreciation  
 LOD . . . . . Line of Duty  
 LOGCAP . . . . . Logistics Civilian Augmentation Program  
 LOI . . . . . Letter of Instruction  
 LSSS . . . . . Legal Services Support Section  
 LWAS . . . . . Leave While Awaiting Separation  
 MACOM . . . . . Major command  
 MAGTF . . . . . Marine Air-Ground Task Force  
 MAMAS . . . . . Military Automated Mail Accounting System  
 MAO . . . . . Mail address only  
 MARDIV . . . . . Marine Division  
 MARFOR . . . . . Marine Corps Forces

MCB . . . . . Marine Corps Base  
MCC . . . . . Monitor Command Code  
MCCS . . . . . Marine Corps Community Services  
MCCSSS . . . . . Marine Corps Combat Service Support Schools  
MCM . . . . . Manual for Courts-Martial  
MCO . . . . . Marine Corps Order  
MCMEDS . . . . . Marine Corps Medical Evaluation Disability System  
MCMPS . . . . . Marine Corps Mobilization Processing System  
MCP . . . . . Marine Corps Planning Process  
MCPD . . . . . Marine Corps Publication Distribution System  
MCPD . . . . . Marine Corps Publication Distribution System  
MCP . . . . . Marine Corps Publications Electronic Listing  
MCRP . . . . . Marine Corps Reference Publication  
MCWP . . . . . Marine Corps Warfighting Publication  
MCTFS . . . . . Marine Corps Total Force System  
MEF . . . . . Marine Expeditionary Force  
MEU . . . . . Marine Expeditionary Unit  
MEU(SOC) . . . . . Marine Expeditionary Unit (special operations capable)  
MHE . . . . . Materials handling equipment  
MISO . . . . . Military Information Support Operations  
MIDAS . . . . . Military and International Dispatch and Accountability System  
MILDEC . . . . . Military Deception  
MILSTAMP . . . . . Military standard transportation and movement procedure  
MIS . . . . . Manpower Information Systems  
MISSA . . . . . Manpower Information System Support Agency  
MISSO . . . . . Manpower Information System Support Office  
MLG . . . . . Marine Logistics Group  
MMCC . . . . . MAGTF Movement Control Center  
MMSB . . . . . Manpower Management Support Branch  
MO . . . . . Money order  
MOB . . . . . Money order business  
MOC . . . . . Manpower Officer Course  
MODIS . . . . . Military Origin Destination Information System  
MOID . . . . . Money order identification number  
MOJT . . . . . Managed On the Job Training  
MOL . . . . . Marine Online  
MOM . . . . . Military ordinary mail  
MOS . . . . . Military Occupational Specialty  
MPC . . . . . Military postal clerk  
MPF . . . . . Maritime prepositioning force  
MPO . . . . . Military Post Office  
MPS . . . . . Military Postal System  
MPSA . . . . . Military Postal Service Agency  
MRI . . . . . Mail routing instruction  
MRO . . . . . Marine Reported On  
MRO . . . . . Medical Review Officer  
MROWS . . . . . Marine Reserve Order Writing System  
MRTM . . . . . Manpower requirements tracking module  
MSC . . . . . Major Subordinate Command  
MSE . . . . . Major Subordinate Element  
MSPF . . . . . Maritime Special Purpose Force  
MTTP . . . . . Multiservice Tactics, Techniques, and Procedures  
MWR . . . . . Morale, Welfare and Recreation  
NAI . . . . . Named Area of Interest  
NAMALA . . . . . Navy and Marine Corps Appellate Leave Activity  
NATO . . . . . North Atlantic Treaty Organization  
NAVMC . . . . . Navy and Marine Corps  
NCIS . . . . . Naval Criminal Investigative Service

NDEA . . . . . Non-DTS Entry Agent  
 NEO . . . . . Noncombatant Evacuation Operations  
 NIPRNET . . . . . Consecure internet protocol router network  
 NJP . . . . . Non-judicial punishment  
 NOK . . . . . Next of Kin  
 NSPS . . . . . National Security Personnel System  
 NOE . . . . . Notice of Eligibility  
 NOK . . . . . Next of Kin  
 NSTL . . . . . No Strike Targets List  
 OccFld . . . . . Occupational field  
 OCONUS . . . . . Outside the Continental United States  
 OEAS . . . . . Organization embarkation and assignment to shipping  
 ODSE . . . . . Operational Data Storage Enterprise  
 ODTA . . . . . Organizational Defense Travel Administrator  
 OHA . . . . . Overseas Housing Allowance  
 OMM . . . . . Official Mail Manager  
 OMPF . . . . . Official Military Personnel File  
 OPCON . . . . . Operational control  
 OPFOR . . . . . Operating Forces  
 OPLAN . . . . . Operations plan  
 OPNAV . . . . . Office of the Chief of Naval Operations  
 OPORD . . . . . Operations order  
 OPT . . . . . Operational Planning Team  
 OSP . . . . . Outside piece  
 OPREP . . . . . Operations Report  
 OPSEC . . . . . Operations security  
 OQR . . . . . Officer Qualification Record  
 PAC . . . . . Personnel Administration Center  
 PAO . . . . . Public Affairs Officer  
 PAR . . . . . Personnel action request  
 PAS . . . . . Personnel Administration School  
 PB . . . . . USPS Postal bulletin  
 PC . . . . . Postal clerk  
 PCA . . . . . Permanent Change of Assignment  
 PCR . . . . . Personnel Casualty Report  
 PCS . . . . . Permanent Change of Station  
 PDRL . . . . . Permanent Disability Retired List  
 PDS . . . . . Permanent duty station  
 PEB . . . . . Physical Evaluations Board  
 PEBD . . . . . Pay Entry Base Date  
 PERSTEMPO . . . . . Personnel tempo  
 PFO . . . . . Postal Finance Officer  
 PHIT . . . . . Port Handling and Inland Transportation  
 PII . . . . . Personally Identifiable Information  
 PIR . . . . . Priority Intelligence Requirements  
 PLEAD . . . . . Place Entered Active Duty  
 PLMS . . . . . Publications Library Management System  
 POC . . . . . Personnel Officer Course  
 POM . . . . . Postal Operations Manual  
 POP . . . . . Postal Operations Plan  
 PNA . . . . . Postal net alert  
 PNOK . . . . . Primary Next of Kin  
 PDMRA . . . . . Post Deployment Mobilization Respite Absence  
 PPBE . . . . . Planning Programming Budgeting and Execution  
 PRO . . . . . Proficiency  
 PS . . . . . Postal Service  
 PSC . . . . . Postal Service Center

PSD . . . . . Personnel Support Detachment  
 PSP . . . . . Personnel Security Program  
 PTAD . . . . . Permissive Temporary Additional Duty  
 PVI . . . . . Postage validation imprinter  
 RAM . . . . . Random antiterrorism measures  
 RBE . . . . . Remain Behind Element  
 RC . . . . . Reserve Component  
 RCT . . . . . Reserve Counterpart Training  
 RED . . . . . Record of Emergency Data  
 RFF . . . . . Request for Forces  
 RAGM . . . . . Reactive Attack Guidance Matrix  
 RIDT . . . . . Rescheduled Inactive Duty Training  
 RLO . . . . . Reserve Liaison Officer  
 RPA . . . . . Request for personnel action  
 RSO&I . . . . . Reception, Staging, Onward Movement, and Integration  
 RUC . . . . . Reporting Unit Code  
 RU . . . . . Reporting unit  
 S-1 . . . . . Manpower or personnel staff officer  
 S-2 . . . . . Intelligence staff officer  
 S-3 . . . . . Operations staff officer  
 S-4 . . . . . Logistics staff officer  
 S-6 . . . . . Communications and information systems staff officer  
 SACO . . . . . Substance Abuse Control  
 SDA . . . . . Special Duty Assignment  
 SE . . . . . Supporting Establishment  
 SECNAVINST . . . . . Secretary of the Navy Instruction  
 SFA . . . . . Security Force Assistance  
 SG . . . . . Staffing goal  
 SGLI . . . . . Service Member's Group Life Insurance  
 SIPRNET . . . . . Secret internet protocol router network  
 SITREPS . . . . . Situation Reports  
 SJA . . . . . Staff Judge Advocate  
 SLDCADA . . . . . Standard Labor Data Collection and Distribution Application  
 SLE . . . . . Sealift Liaison Element  
 SMCR . . . . . Select Marine Corps Reserve  
 SNCO . . . . . Staff Noncommissioned Officer  
 SNM . . . . . Subject Named Marine  
 SOP . . . . . Standing operating procedure  
 SORTS . . . . . Status of Resources and Training System  
 SPOE/D . . . . . Sea Port of Embarkation/Debarcation  
 SPA . . . . . Secure Personnel Accountability  
 SPMAGTF . . . . . Special-Purpose Marine Air-Ground Task Force  
 SRB . . . . . Service record book  
 SR . . . . . Service record  
 SSBI . . . . . Single-scope background investigation  
 SSIC . . . . . Standard Subject Identification Code  
 SSM . . . . . Single Service Manager  
 SSTR . . . . . Stability, Security, Transition, and Reconstruction  
 STO . . . . . Special Technical Operations  
 TACC . . . . . Tactical Air Command Center  
 TACON . . . . . Tactical control  
 TAD . . . . . Temporary Additional Duty  
 TAI . . . . . Target Area of Interest  
 TDRL . . . . . Temporary Disability Retired List  
 TEO . . . . . Team Embarkation Officer  
 TFSMS . . . . . Total Force Structured Management System  
 TGWG . . . . . Targeting Guidance Working Group

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TLA . . . . . Temporary lodging allowance  
TMR . . . . . Timeliness Management Report  
TMS . . . . . Training Management System  
TNPQ . . . . . Temporarily Not Physically Qualified  
T/O . . . . . Table of Organization  
TOO . . . . . Terminal Operations Organization  
TO&E . . . . . Table of Organization and Equipment  
TOECR . . . . . Table of Organization and Equipment Change Request  
TPFDD . . . . . Time Phased Force Deployment Database  
TST . . . . . Time Sensitive Target  
TTC . . . . . Type of Transaction Code  
TTISMM . . . . . Transit Time Information System Military Mail  
UA . . . . . Unauthorized absence  
UCMJ . . . . . Uniform Code of Military Justice  
UDMIPS . . . . . Unit Diary Manpower Integrated Personnel System  
UIC . . . . . Unit Identification Code  
ULN . . . . . Unit Line Number  
UMA . . . . . Unit Marshalling Areas  
UMC . . . . . Unit mail clerk  
UMCC . . . . . Unit Movement Coordination Centers  
UMR . . . . . Unit mail room  
UPB . . . . . Unit Punishment Book  
USMCR . . . . . United States Marine Corps Reserve  
USPS . . . . . US Postal Service  
WMD . . . . . Weapons of mass destruction  
WWR . . . . . Wounded Warrior Regiment  
ZIP . . . . . Zone Improvement Code

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APPENDIX B

TERMS AND DEFINITIONS

Terms in this glossary are subject to change as applicable orders and directives are revised. Terms established by Marine Corps orders or directives take precedence after definitions found in Joint Pub 1-02, DOD Dictionary of Military and Associated Terms.

A

**After Action Review (AAR).** A professional discussion of training events conducted after all training to promote learning among training participants. The formality and scope increase with the command level and size of the training evolution. For longer exercises, they should be planned for at predetermined times during an exercise. The results of the AAR shall be recorded on an after action report and forwarded to higher headquarters. The commander and higher headquarters use the results of an AAR to reallocate resources, reprioritize their training plan, and plan for future training.

C

**Chaining.** A process that enables unit leaders to effectively identify subordinate collective events and individual events that support a specific collective event. For example, collective training events at the 4000-level are directly supported by collective events at the 3000-level. Utilizing the building block approach to progressive training, these collective events are further supported by individual training events at the 1000 and 2000-levels. When a higher-level event by its nature requires the completion of lower level events, they are "chained"; Sustainment credit is given for all lower level events chained to a higher event.

D

**Deception.** Those measures designed to mislead the enemy by manipulation, distortion, or falsification of evidence to induce the enemy to react in a manner prejudicial to the enemy's interests. (JP 1-02)

E

**E-Coded Event.** An "E-Coded" event is a collective T&R event that is a noted indicator of capability or, a noted Collective skill that contributes to the unit's ability to perform the supported MET. As such, only "E-Coded" events are assigned a CRP value and used to calculate a unit's CRP.

I

**Individual Readiness.** The individual training readiness of each Marine is measured by the number of individual events required and completed for the rank or billet currently held.

M

**Marine Corps Combat Readiness and Evaluation System (MCCRES).** An evaluation system designed to provide commanders with a comprehensive set of mission performance standards from which training programs can be developed; and through which the efficiency and effectiveness of training can be evaluated. The Ground T&R Program will eventually replace MCCRES.

O

**Operational Readiness (OR).** (DoD or NATO) OR is the capability of a unit/formation, ship, weapon system, or equipment to perform the missions or functions for which it is organized or designed. May be used in a general sense or to express a level or degree of readiness.

P

**Performance Step.** Performance steps are included in the components of an Individual T&R Event. They are the major procedures (i.e., actions) a Marine unit must accomplish to perform an individual event to standard. They describe the procedure the task performer must take to perform the task under operational conditions and provide sufficient information for a task performer to perform the procedure (may necessitate identification of supporting steps, procedures, or actions in outline form). Performance steps follow a logical progression and should be followed sequentially, unless otherwise stated. Normally, performance steps are listed only for 1000-level individual events (those that are taught in the entry-level MOS school). Listing performance steps is optional if the steps are already specified in a published reference.

R

**Readiness.** (DoD) Readiness is the ability of U.S. military forces to fight and meet the demands of the national military strategy. Readiness is the synthesis of two distinct but interrelated levels: (a) Unit readiness--The ability to provide capabilities required by combatant commanders to execute assigned missions. This is derived from the ability of each unit to deliver the outputs for which it was designed. (b) Joint readiness--The combatant commander's ability to integrate and synchronize ready combat and support forces to execute assigned missions.

S

**Section Skill Tasks.** Section skills are those competencies directly related to unit functioning. They are group rather than individual in nature, and require participation by a section (S-1, S-2, S-3, etc).

**Simulation Training.** Simulators and simulations provide the capability to develop and hone core and core plus competencies and capabilities. Accordingly, the use of training modeling and simulation systems for appropriate T&R events can help maintain valuable combat resources while reducing training time, cost, and risk. CRP credit will be earned for E-coded simulator events based on assessment of relative training event performance. Occupational fields will explicitly acknowledge within the description block of the T&R event whether and by what simulation the event may be trained to standard.

T

**Training Task.** This describes a direct training activity that pertains to an individual Marine. A task is composed of 3 major components: a description of what is to be done, a condition, and a standard.

**U**

**Unit CRP.** Unit CRP is a percentage of the E-coded collective events that support the unit METL accomplished by the unit. Unit CRP is the average of all MET CRP.

**W**

**Waived Event.** An event that is waived by a commanding officer when in his or her judgment, previous experience or related performance satisfies the requirement of a particular event.

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APPENDIX C

TRAINING MODELING AND SIMULATION SYSTEMS

Provided is a listing of applicable Simulators/Simulations available to improve training for both individual Marines and unit training in the Marine Corps. For more information regarding training Modeling & Simulation (M&S) Systems, review website:

<https://ehqmc.usmc.mil/org/mccdc/TECOM/directorates/MTSB/Internal/default.aspx>

1. **Supporting Arms Virtual Trainer (SAVT)** is a fixed-site, partial dome (260 X 60 degree), virtual immersive training environment for Joint Terminal Attack Controller (JTACs), Forward Air Controllers (FACs), and Joint Forward Observers (JFOs). SAVT provides a "hands-on," immersive, mission-based, combined arms training environment. The personnel shall use training scenarios that require placement of tactical ordnance on selected targets using Joint Close Air Support (JCAS) procedures and observed fire procedures for Naval Surface Fire Support (NSFS), Artillery and Mortar fire. SAVT will provide a briefing and after action room for a group of students to monitor, review mission-based training events, and conduct after-action discussions. SAVT trains Marines to approved standards of training and readiness (T&R) tasks.

2. **Indoor Simulated Marksmanship Trainer (ISMT)** is an interactive three dimensional audio/video weapons simulator that provides enhanced small arms training in marksmanship, weapons employment, indirect fire, and tactical decision-making for Marines. The ISMT simulates range firing for basic infantry weapons, tactical employment training, call for fire, and shoot/no shoots decision-making drills. The ISMT can be utilized to train individuals, fire teams, and squads effectively and efficiently to the approved standards of combat skills and readiness.

3. **Operator Driver System (ODS)** is a high fidelity immersive technical skills trainer for teaching Marines how to safely drive select commonly fielded tactical wheeled vehicles MTVR, HMMWV, and Mine Resistant Armored Protected (MRAP) Category I and II Cougar and Cat III Buffalo variants. The ODS is an interactive, reconfigurable training device which provides realistic feedback to the student through the steering wheel, driver pedals, and dashboard controls that replicate the experience of driving the actual selected vehicle. The ODS models the effects of wind, temperature, precipitation, traction, tire pressure, and road surfaces on the handling characteristics of the selected tactical vehicle and used to provide both driver entry level and driver sustainment level training. This training capability provides valuable rehearsal time for drivers, with the ultimate intent of teaching Marines how to safely drive selected field tactical wheeled vehicles. ODS trains Marines to approved standards of training and readiness (T&R) tasks.

4. **Combat Convoy Simulator (CCS)** is an interactive immersive training environment for convoy operations during combat, focusing on command and control. Other training capabilities include call for fire, call for close air support, mounted patrols, logistics support, high target extraction, MEDEVAC, and procedures for use of weapons in compliance with rules of

engagement (ROE) and local TTP's. A single CCS suite of six vehicles provides for individual, crew, and platoon level training (up to 30 Marines at a time). The CCS trains Marines to approved standards of combat skills and readiness.

5. **Combat Vehicle Trainer System (CVTS)** consists of three separate training systems: M1A1 Main Battle Tank, the Light Armored Vehicle - 25 Variant (LAV-25), and the Assault Amphibious Vehicle (AAV). CVTS is used by the Operational Forces and formal schools to train crew, section, and platoon gunnery and tactical training skills. CVTS provides familiarization, proficiency, sustainment, and cross-training at each crew position and as a full-crew. An instructor/operator is able to control exercise selection, observe crew member actions, and conduct after-action reviews with the crews. CVTS trains M1A1, LAV-25, and AAV crew members to approved standards of combat skills and readiness.

6. **Family of Egress Trainers (FET)** consists of multiple Underwater Egress Training (UET) devices and Dry Rollover Egress Training Devices (DRET). All FET training is designed to teach egress principles.

UET devices with accompanying breathing devices are:

- a. **Modular Amphibious Egress Trainer (MAET)** provides an underwater escape trainer for passengers with generic fuselage sections representing vertical flight platforms.
- b. **Shallow Water Egress Trainer (SWET)** is a single seat egress trainer and is used in conjunction with the MAET platform.
- c. **Submerged Vehicle Egress Trainer (SVET)** is a split cab with one side that replicates a HMMWV and the other the crew compartment of an AAV for the instruction of underwater egress and is operated at the same location as the MAET. SVET allows service members the ability to have a controlled egress from a vehicle platform while submerged and inverted.

DRET devices are:

- a. **HMMWV Egress Assistance Trainer (HEAT)** assists service members in teaching the proper SOP's for the orderly egress of a rolled vehicle. HEAT is able to roll 360 degrees and it allows the occupants to experience a rollover under controlled conditions to better ensure the egress of a rolled wheeled platform.
- b. **MRAP Egress Trainer (MET)** provides firsthand knowledge of the imminent rollover angles of the MRAP and allows practical application of egress procedures in the event of a rollover.

7. **MAGTF Tactical Warfare Simulation (MTWS)** is a simulation program that can be used to train battle staffs from Battalion through MEF, Marine Forces Reserve (MARFORRES) and internal MEF components i.e., Ground Combat Element, Aircraft Combat Element, and Combat Service Support Element. The primary mission of MTWS is two-fold: to provide a realistic combat environment for commanders and their staffs to refine their decision-making skills and to assist in the Command and Control (C2) aspects of tactical field exercises. It provides military personnel with the opportunity to experience and acquire skill in combat operations without the expense and risk of taking real troops to the field.

8. **Combined Arms Command and Control Trainer Upgrade System (CACCTUS)** provides an institutional means to effectively train Marine staffs and units in all aspects of effectively integrating combined arms assets. The CACCTUS

capability provides the full range of combined arms staff training and provides state of the art modeling and simulation networking technology to provide realistic Combined Arms Fire Support for the Marine Air Ground Task Force (MAGTF). The high resolution combat simulation provides the ability to provide ground truth in the exercise, stimulate organic C2 Systems, visually display the impact of supporting arms fires and realistically portray the coordinated actions of friendly forces and the action/reaction of the enemy maneuver forces. The automated communication system replicates tactical communication nets required for command and control of exercising units allowing the training audience to communicate normal warfighting communications and process orders and other information/questions to response cell controllers. CACCTUS provides an automated after action review capability for live and simulated training thereby allowing the Marine Corps to meet its service training requirements.

9. **Deployable Virtual Training Environment (DVTE)** is a deployable laptop PC based simulation system capable of emulating organic and supporting Infantry Battalion weapons systems and training scenarios to facilitate T&R based training. DVTE provides each installation and deployed Marine Forces with MAGTF (MEU level) Staff training, individual and collective skills sustainment, rapid planning, and almost spontaneous mission rehearsal capability. DVTE increases training of individual and unit core skills enhancing a rapid, innovative and interactive small-unit leader decision making, and increased combined arms Training and pre-certification capability. DVTE is accredited by the Joint Fires Support Executive Steering Committee (JFS ESC) to replace up to two live controls for Joint Terminal Attack Control (JTAC) qualification.

Below is a list of the DVTE training applications/capabilities:

- a. **Virtual Battlespace 2 (VBS2)** is an interactive, three-dimensional synthetic environment in which small unit tactics may be practiced among team members. Photo-realistic terrain, user created mission scenarios, and variable environmental conditions enhance the team training experience. Mission planning and mission rehearsal can be executed from squad to platoon level. VBS2 can be used to support Fire Support Training, convoy operations and tactical guided discussions.
- b. **Recognition of Combatants (ROC)** a series consisting of applications covering Improvised Explosive Device (ROC-IED), Suicide Bomber (ROC-SB), Vehicle (ROC-V), and Aerial (ROC-Aerial) are self paced computer based training tools designed to improve awareness and recognition of various combatant capabilities and functional considerations.
- c. **Operational and Tactical Language and Cultural Training System (OTCLTS)** is a self paced language and cultural training application that allows the user to learn Iraqi Arabic, Indonesian, Pashto, Dari, and French languages along with cultural considerations.
- d. **Forward Observer PC Simulator (FOPCSIM)** is an individual Fires trainer which provides training on the basic concepts of fire support. FOPCSIM is a procedural trainer for artillery and mortar Call for Fire. FOPCSIM is also the forward observer component of the Deployable Virtual Training Environment (DVTE) Combined Arms Network (CAN) that provides a training tool for integration of artillery and close air support with maneuver forces.
- e. **Combined Arms Planning Tool (CAPT)** is a standalone tool that can be used to enter and test all elements of your fire support plan. Doctrinal rules have been incorporated into the program, so that once

- the fire support plan is entered, CAPT runs a "rules based" test on the plan to identify potential trouble areas.
- f. Combined Arms Network (CAN) is a computer based training tool that provides standard based training for individual Forward Observers, Forward Air Controllers and Joint Terminal Attack Controllers (JTAC) as well as team training for company fire support teams (FiST). CAN currently support JTAC/JFO certification training under the Joint Air Controllers T&R Manual.