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Encl: (1) SIGINT T&R Manual

1. Purpose. Per reference (a), this T&R Manual establishes training standards, regulations, and policies regarding the training of Marines in the SIGINT occupational field.

2. Cancellation. NAVMC 3500.105 w/Ch 1

3. Scope

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

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

c. Formal school and training detachment commanders will use references (a) and (g) to ensure programs of instruction meet skill training requirements established in this manual and provides career-progression

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training in the events designated for initial training in the formal school environment.

d. Reference (h) outlines training requirements for the 2700 Occupational Field, which are incorporated into this manual.

4. Information. Commanding General (CG), Training and Education Command (TECOM) will update this T&R Manual as necessary to provide current and relevant training standards to commanders. All questions pertaining to the Marine Corps Ground T&R Program and Unit Training Management should be directed to: CG, TECOM, Marine Air Ground Task Force Training and Education Standards Division (MTESD) (C 465), 1019 Elliot Road, Quantico, VA 22134.

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

6. Certification. Reviewed and approved this date.


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By direction

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SIGINT T&R MANUAL

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SIGINT T&R MANUAL

CHAPTER 1

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SIGINT T&R MANUAL

CHAPTER 1

OVERVIEW

1000. INTRODUCTION

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

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

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

1001. UNIT TRAINING

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

2. Commanders will ensure that all tactical training is focused on their combat mission. The T&R Manual is a tool to help develop the unit's training plan. In most cases, unit training should focus on achieving unit proficiency in the core METL. However, commanders will adjust their training focus to support METLs associated with a major Operational Plan (OPLAN)/Contingency Plan (CONPLAN) or named operation as designated by their higher commander and reported accordingly in the DRRS. Tactical training will support the METL in use by the commander and be tailored to meet T&R standards. Commanders at all levels are responsible for effective combat training. The conduct of training in a professional manner consistent with Marine Corps standards cannot be over emphasized.

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

1002. UNIT TRAINING MANAGEMENT

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

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

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

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

1003. SUSTAINMENT AND EVALUATION OF TRAINING

1. The evaluation of training is necessary to properly prepare Marines for combat. Evaluations are either formal or informal, and performed by members

of the unit (internal evaluation) or from an external command (external evaluation).

2. Marines are expected to maintain proficiency in the training events for their MOS at the appropriate grade or billet to which assigned. Leaders are responsible for recording the training achievements of their Marines. Whether it involves individual or collective training events, they must ensure proficiency is sustained by requiring retraining of each event at or before expiration of the designated sustainment interval. Performance of the training event, however, is not sufficient to ensure combat readiness. Leaders at all levels must evaluate the performance of their Marines and the unit as they complete training events, and only record successful accomplishment of training based upon the evaluation. The goal of evaluation is to ensure that correct methods are employed to achieve the desired standard, or the Marines understand how they need to improve in order to attain the standard. Leaders must determine whether credit for completing a training event is recorded if the standard was not achieved. While successful accomplishment is desired, debriefing of errors can result in successful learning that will allow ethical recording of training event completion. Evaluation is a continuous process that is integral to training management and is conducted by leaders at every level and during all phases of planning and the conduct of training. To ensure training is efficient and effective, evaluation is an integral part of the training plan. Ultimately, leaders remain responsible for determining if the training was effective.

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

1004. ORGANIZATION. The SIGINT T&R Manual is comprised of 13 chapters and 3 appendices. Chapter 1 is an overview of the Ground T&R Program. Chapter 2 lists the Radio Battalion Core METs, which are used as part of the DRRS. Chapter 3 contains collective events. Chapter 4 begins the chapters that capture individual events specific to a particular MOS and/or billet, as noted. Chapters 4 - 13 contain additional individual events. Appendix A contains acronyms and abbreviations, Appendix B contains terms and definitions, and Appendix C contains supporting events for team operations

1005. T&R EVENT CODING. An event contained within a T&R Manual is an individual or collective training standard. This section explains each of the components of a T&R event. These items will be included in all of the events in each T&R Manual. Community-based T&R Manuals may have several additional components not found in unit-based T&R Manuals. The event condition, event title (behavior) and event standard should be read together as a grammatical sentence.

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

- a. First 4 characters indicate MOS or Community (e.g., 0321, 1812 or INTL)
- b. Second up to 4 characters indicate functional or duty area (e.g. DEF, FSPT, MVMT, etc.)
- c. Third 4 characters indicate the unit size and supported unit, if applicable (1000 through 9000), and sequence. Figure 1-1 shows the relationship of unit size to event code. NOTE: The titles for the various echelons are for example only, and are not exclusive. For example: 4000-level events are appropriate for Section-level events as noted, but also for Squad-level events.

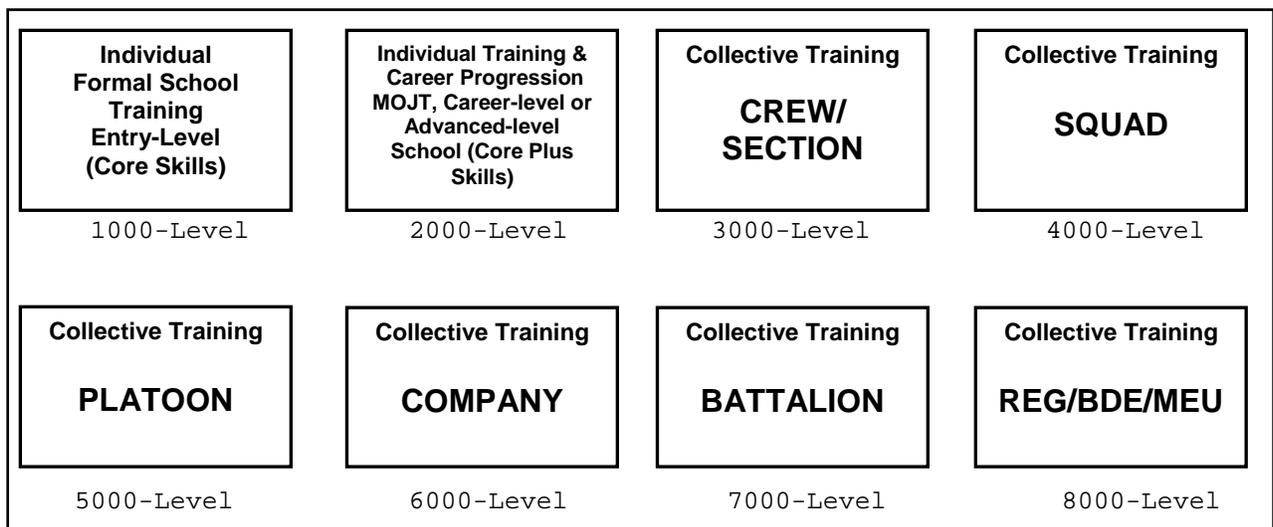


Figure. 1-1 T&R Event Levels

(1) Grouping. Categorizing events with the use of a recognizable code makes the type of skill or capability being referenced fairly obvious. Examples include: PAT for patrolling events, DEF for events in the defense, FSPT for events related to fire support, etc. There is no special significance to the functional areas, but they should be intuitive to make it as easy as possible for the T&R user to find events. When organizing the T&R manual, functional areas are alphabetized then the associated events are numbered. The events will be numbered based upon the introduction of each new functional area, allowing up to "999" events. For example: if there are seven Administrative events 4431 occupational field, then the events should start 4431-ADMN-1001 and run through 1007. Next, the Bulk Fuel events, BUFL should start at 4431-BUFL-1001.

(2) Sequencing. A numerical code is assigned to each individual (1000-2000-level) or collective (3000-9000-level) training event. The first number identifies the size of the unit performing the event, as depicted in figure 1-1. The second number is available for T&R Manuals with collective events that support those in other manuals to identify the echelon of unit being supported by a particular collective event. If a collective event is supported by other events or is performed in general support without regard to echelon, then a zero "0" will be utilized as the second number. For

example: 0231-TGT-3801 would refer to an event conducted by a four Marine Targeting Cell supporting a Regiment or Group, 0231-TGT-3001 would represent an event the Targeting Cell does in support of any sized unit. The event would not be labeled 0231-TGT-8001 because that would imply that a regiment sized targeting unit was performing some task. This is not possible, since no intelligence unit organizes in a unit larger than a Battalion. EXCEPTION: Events that relate to staff planning, to the conduct of a command operations center or to staff level decision making processes will be numbered according to the level of the unit to which the staff belongs. For example: an infantry battalion staff conducting planning for an offensive attack would be labeled as INF-PLAN-7001 even though the entire battalion is not actively involved in the planning of the operation. T&R event sequence numbers that begin with "9" are reserved for Marine Air Ground Task Forces (MAGTF) Command Element (CE) events. Marine Expeditionary Units (MEU) CE events will be numbered 90XX - 93XX. Marine Expeditionary Brigade (MEB) CE events will be numbered 94XX - 96XX. Marine Expeditionary Force (MEF) CE events will be numbered 97XX - 99XX.

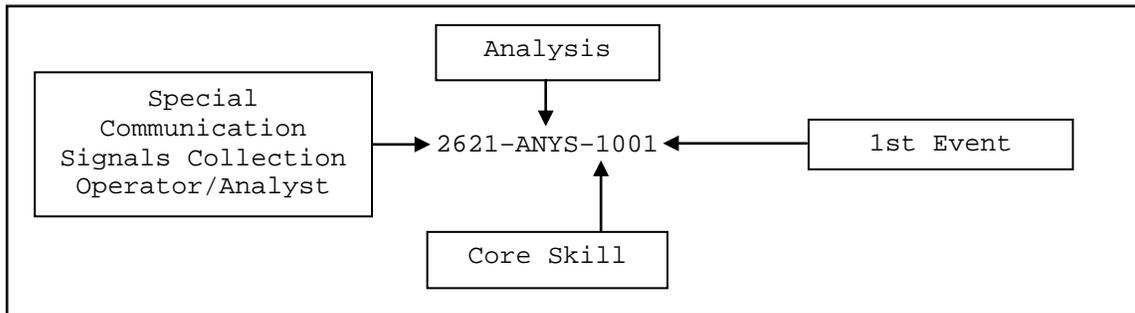


Figure 1-2: T&R Event Coding

1006. COMBAT READINESS PERCENTAGE (CRP)

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

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

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

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

1007. CRP CALCULATION

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

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

For Example:

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

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

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

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

1008. T&R EVENT COMPOSITION

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

2. Title. The name of the event. The event title contains one action verb and ideally, one object.
3. Evaluation Coded. Collective events categorize the capabilities that a given unit may be expected to perform. There are some collective events that the Marine Corps has determined that a unit **MUST** be able to perform, if that unit is to be considered fully ready for operations. These E-Coded events represent the irreducible minimum or the floor of readiness for a unit. E-Coded events are derived from the training measures of effectiveness for the METs for units that must report readiness in the DRRS. It would seem intuitive that most E-Coded events would be for Battalion sized units and higher since those are the units that report in DRRS. However, if the Marine Corps has determined that the readiness of a subordinate, supporting unit to accomplish a particular collective event is vital to the accomplishment of the supported unit's MET, then that lower echelon collective event is E-Coded.
4. Supported MET(s). List all METs that are supported by the training event in the judgment of the occupation field drafting the T&R Manual, even if those events are not listed as Measure of Effectiveness (MOEs) in a MET.
5. Sustainment Interval. This is the period, expressed in number of months, between evaluation or retraining requirements. Competencies and capabilities acquired through the accomplishment of training events are to be refreshed at pre-determined intervals. It is essential that these intervals be adhered to in order to ensure Marines maintain proficiency.
6. Billet/MOS. Each individual training event will contain a billet code and/or MOS that designates who is responsible for performing that event and any corresponding formal course required for that billet. Each commander has the flexibility to shift responsibilities based on the organization of his command. These codes are based on recommendations from the collective subject matter expertise that developed this Manual and are listed for each event.
7. Grade. The Grade field indicates the rank at which Marines are required to complete the event.
8. Description. This field allows T&R developers to include an explanation of event purpose, objectives, goals, and requirements. It is a general description of an action requiring learned skills and knowledge, i.e., engage fixed target with crew-served weapons. This is an optional field for individual events but its use is strongly encouraged for collective events. This field can be of great value guiding a formal learning center or OPFOR unit trying to discern the intent behind an event that might not be readily apparent.
9. Condition. Condition refers to the constraints that may affect event performance in a real-world environment. It indicates what is provided (equipment, tools, materials, manuals, aids, etc.), environmental constraints or conditions under which the task is to be performed, and any specific cues or indicators to which the performer must respond. Commanders can modify the conditions of the event to best prepare their Marines to accomplish the assigned mission (e.g. in a desert environment; in a mountain environment;

etc.). When resources or safety requirements limit the conditions, this should be stated. The content of the condition should be included in the event on a "by exception" basis. If there exists an assumption regarding the conditions under which all or most of the events in the Manual will be performed, then only those additional or exceptional items required should be listed in the condition. The common conditions under which all the events in a chapter will be executed will be listed as a separate paragraph at the beginning of the chapter.

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

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

a. The event components and performance steps will be consciously written so that they may be employed as performance evaluation check lists by the operating forces.

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

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

13. Chained Events. Collective T&R events are supported by lower-level collective and individual T&R events. This enables unit leaders to effectively identify subordinate T&R events that ultimately support specific mission essential tasks. When the accomplishment of any upper-level events,

by their nature, result in the performance of certain subordinate and related events, the events are "chained." The completion of chained events will update sustainment interval credit (and CRP for E-Coded events) for the related subordinate level events.

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

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

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

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

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

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

The ordnance requirements for one year of training for the events in the T&R will be aggregated into a table contained in an appendix to the T&R. The task analyst and the occupational field representatives will be careful not to "double count" ammunition that might be employed in the performance of individual and collective events that are chained.

19. Suitability of Simulation DL for sustainment. If the occupational field determines that an event can be trained to standard by use of simulation or a DL product, this will be noted in the description block. The specific simulation or DL product that is acceptable will be noted in the block as well.

a. Simulation should be used, whenever possible, in lieu of live training (particularly when resources to support the event are constrained);

or at the Commander's discretion, used as a precursor to live training in order to help maximize and enhance the live training event.

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

20. Miscellaneous

a. This field provides space for any additional information that will assist in the planning and execution of the event. Units and FLCS are cautioned not to disregard this information or to consider the information of lesser importance than what is contained in other parts of the T&R event. Miscellaneous fields provide an opportunity for the drafters of the T&R event to communicate vital information that might not fit neatly into any other available field. The list may include, but is not limited to:

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

b. An example of a T&R event is provided in figure 1-3.

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

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

1009. CBRN TRAINING

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

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

1010. NIGHT TRAINING

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

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

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

1011. OPERATIONAL RISK MANAGEMENT (ORM)

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

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

1012. MARINE CORPS GROUND T&R PROGRAM

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

2. DRRS measures and reports on the readiness of military forces and the supporting infrastructure to meet missions and goals assigned by the

Secretary of Defense. With unit CRP based on the unit's training toward its METs, the CRP will provide a more accurate picture of a unit's readiness. This will give fidelity to future funding requests and factor into the allocation of resources. Additionally, the Ground T&R Program will help to ensure training remains focused on mission accomplishment and that training readiness reporting is tied to units' METLs.

SIGINT T&R MANUAL

CHAPTER 2

MISSION ESSENTIAL TASKS MATRIX

	<u>PARAGRAPH</u>	<u>PAGE</u>
RADIO BN CORE MISSION ESSENTIAL TASK LIST (METL)	2000	2-2
SIGINT MISSION ESSENTIAL TASKS (MET) MATRIX	2001	2-2

SIGINT T&R MANUAL

CHAPTER 2

MISSION ESSENTIAL TASKS MATRIX

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

RADBN CORE MISSION ESSENTIAL TASKS

MARINE CORPS TASK LIST	RADBN CORE METL
MCT 2.8	Conduct Signals Intelligence operations
MCT 2.7	Conduct ground reconnaissance and surveillance
MCT 1.1.2	Provide task-organized forces
MCT 5.9.2	Conduct offensive cyberspace operations
MCT 2.1.1.5	Support targeting
MCT 5.1.1.7	Provide special intelligence communication support
MCT 5.4.1.2.1	Conduct Electronic Attack (EA)
MCT 5.4.1.2.3	Conduct Electronic Support (ES)

2001. SIGINT MISSION ESSENTIAL TASKS MATRIX. The SIGINT Mission Essential Task Matrix contains the METs identified in the RADBN METL. The SIGINT MET matrix includes the designated MET number and supporting collective events.

MET#/MISSION ESSENTIAL TASK

MET 1. CONDUCT SIGNALS INTELLIGENCE OPERATIONS	
SIEW-FUNC-7001	Conduct SIGINT operations in support of the six functions of intelligence
SIEW-OPS-7001	Conduct Operations Control and Analysis Center (OCAC) Operations
SIEW-OPS-5001	Conduct Operations Control Element (OCE) operations
SIEW-OPS-4001	Conduct team operations
SIEW-OPS-4002	Establish SCIF operations
SIEW-OPS-4003	Conduct Operations Management
SIEW-OPS-4004	Conduct SIGINT Collections Management
SIEW-OPS-4005	Conduct processing/exploitation operations
SIEW-OPS-3001	Establish SCI Communications
SIEW-OPS-3002	Conduct SIGINT production
SIEW-OPS-3003	Conduct SIGINT dissemination

MET 2. CONDUCT GROUND RECONNAISSANCE AND SURVEILLANCE	
SIEW-FUNC-7001	Conduct SIGINT operations in support of the six functions of intelligence
SIEW-OPS-7001	Conduct Operations Control and Analysis Center (OCAC) Operations
SIEW-OPS-5001	Conduct Operations Control Element (OCE) operations
SIEW-OPS-4001	Conduct team operations
SIEW-OPS-4003	Conduct Operations Management
SIEW-OPS-4004	Conduct SIGINT Collections Management
MET 3. PROVIDE TASK-ORGANIZED FORCES	
SIEW-FUNC-7001	Conduct SIGINT operations in support of the six functions of intelligence
SIEW-OPS-7001	Conduct Operations Control and Analysis Center (OCAC) Operations
SIEW-OPS-5001	Conduct Operations Control Element (OCE) operations
MET 4. CONDUCT OFFENSIVE CYBERSPACE OPERATIONS	
SIEW-FUNC-7001	Conduct SIGINT operations in support of the six functions of intelligence
SIEW-OPS-7001	Conduct Operations Control and Analysis Center (OCAC) Operations
SIEW-OPS-5001	Conduct Operations Control Element (OCE) operations
SIEW-OPS-4001	Conduct team operations
SIEW-OPS-4003	Conduct Operations Management
SIEW-OPS-4004	Conduct SIGINT Collections Management
SIEW-OPS-4005	Conduct processing/exploitation operations
MET 5. SUPPORT TARGETING	
SIEW-FUNC-7001	Conduct SIGINT operations in support of the six functions of intelligence
SIEW-OPS-7001	Conduct Operations Control and Analysis Center (OCAC) Operations
SIEW-OPS-5001	Conduct Operations Control Element (OCE) operations
SIEW-OPS-4003	Conduct Operations Management
SIEW-OPS-4004	Conduct SIGINT Collections Management
SIEW-OPS-4005	Conduct processing/exploitation operations
SIEW-OPS-3002	Conduct SIGINT production
SIEW-OPS-3003	Conduct SIGINT dissemination
MET 6. PROVIDE SPECIAL INTELLIGENCE COMMUNICATION SUPPORT	

SIEW-FUNC-7001	Conduct SIGINT operations in support of the six functions of intelligence
SIEW-OPS-7001	Conduct Operations Control and Analysis Center (OCAC) Operations
SIEW-OPS-5001	Conduct Operations Control Element (OCE) operations
SIEW-OPS-4002	Establish SCIF operations
SIEW-OPS-3001	Establish SCI Communications
MET 7. CONDUCT ELECTRONIC ATTACK (EA)	
SIEW-FUNC-7001	Conduct SIGINT operations in support of the six functions of intelligence
SIEW-OPS-7001	Conduct Operations Control and Analysis Center (OCAC) Operations
SIEW-OPS-5001	Conduct Operations Control Element (OCE) operations
SIEW-OPS-4001	Conduct team operations
SIEW-OPS-4003	Conduct Operations Management
MET 8. CONDUCT ELECTRONIC SUPPORT (ES)	
SIEW-FUNC-7001	Conduct SIGINT operations in support of the six functions of intelligence
SIEW-OPS-7001	Conduct Operations Control and Analysis Center (OCAC) Operations
SIEW-OPS-5001	Conduct Operations Control Element (OCE) operations
SIEW-OPS-4001	Conduct team operations
SIEW-OPS-4003	Conduct Operations Management

SIGINT T&R MANUAL

CHAPTER 3

COLLECTIVE EVENTS

	<u>PARAGRAPH</u>	<u>PAGE</u>
PURPOSE.	3000	3-2
EVENT CODING	3001	3-2
INDEX OF COLLECTIVE EVENTS	3002	3-2
7000-LEVEL EVENTS.	3003	3-3
5000-LEVEL EVENTS.	3004	3-5
4000-LEVEL EVENTS.	3005	3-6
3000-LEVEL EVENTS.	3006	3-12

SIGINT T&R MANUAL

CHAPTER 3

COLLECTIVE EVENTS

3000. PURPOSE. Chapter 3 contains collective training events for the SIGINT community.

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

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

<u>Code</u>	<u>Description</u>
SIEW	Signals Intelligence/Ground Electronic Warfare

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

<u>Code</u>	<u>Description</u>
FUNC	Intelligence Functions
OPS	Operations

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

<u>Code</u>	<u>Description</u>
7000	Battalion Level
5000	OCE Level
4000	Team Level/Multi-discipline
3000	Team Level/Single-discipline

3002. INDEX OF COLLECTIVE EVENTS

EVENT CODE	E-CODED	EVENT	PAGE
7000-LEVEL			
SIEW-FUNC-7001	Y	Conduct SIGINT operations in support of the six functions of intelligence	3-3
SIEW-OPS-7001	Y	Conduct Operations Control and Analysis Center (OCAC) Operations	3-4
5000-LEVEL			
SIEW-OPS-5001		Conduct Operations Control Element (OCE) operations	3-5
4000-LEVEL			

SIEW-OPS-4001		Conduct team operations	3-6
SIEW-OPS-4002		Establish SCIF operations	3-8
SIEW-OPS-4003		Conduct Operations Management	3-9
SIEW-OPS-4004		Conduct SIGINT Collections Management	3-10
SIEW-OPS-4005		Conduct processing/exploitation operations	3-11
3000-LEVEL			
SIEW-OPS-3001		Establish SCI Communications	3-12
SIEW-OPS-3002		Conduct SIGINT production	3-13
SIEW-OPS-3003		Conduct SIGINT dissemination	3-14

3003. 7000-LEVEL EVENTS

SIEW-FUNC-7001: Conduct SIGINT operations in support of the six functions of intelligence

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

EVALUATION-CODED: YES

SUSTAINMENT INTERVAL: 6 months

DESCRIPTION: Intelligence functions are conducted to provide intelligence in support of the decision making process of commanders down to the small unit level. All six functions are carried out continually during the planning, decision, execution, and assessment (PDE&A) cycle at all levels throughout the force. Different units may emphasize one or two functions over the others based on individual missions. Task steps and performance measures may not apply to every staff, unit, or echelon and are dependent on mission variables and time available. Prior to evaluation, coordination should be made with the evaluator and the higher headquarters of the evaluated unit to determine performance measures that may or may not be evaluated.

CONDITION: Given an intelligence section, all applicable orders and guidance, higher headquarters mission tasking, references, software and systems, access to available communications networks, production, and presentation equipment materials

STANDARD: To satisfy the Commander's planning, decision, execution, and assessment (PDE&A) within established time limits and constraints.

EVENT COMPONENTS:

1. Support the commander's estimate.
2. Support situational development.
3. Provide Indications and Warning (I&W).
4. Provide support to Force Protection.
5. Provide support to targeting.
6. Provide support to combat assessment.

CHAINED EVENTS: SIEW-OPS-5001

RELATED EVENTS: SIEW-OPS-7001

REFERENCES:

1. DIA Intelligence Reference Document DI 2820-4-02 Battle Damage Assessment Quick Guide
2. DOD-GIRH-2634-001-08 Cultural Generic Information Requirements Handbook (C-GIRH)
3. FM 101-10-1 Staff Officer's Field Manual
4. JP 1-02 DOD Dictionary of Military and Associated Terms
5. MCIA Urban Generic Information Requirements Handbook
6. MCIA-1540-002-95 Generic Intelligence Requirements Handbook (GIRH)
7. MCRP 2-3A Intelligence Preparation of the Battlefield/Battlespace
8. MCRP 3-16A Tactics, Techniques, and Procedures for the Targeting Process
9. MCRP 5-12A Operational Terms and Graphics
10. MCWP 2-1 Intelligence Operations
11. MCWP 2-2 MAGTF Intelligence Collection
12. MCWP 2-21 Imagery Intelligence
13. MCWP 2-22 Signals Intelligence
14. MCWP 2-24B Remote Sensor Operations
15. MCWP 2-26 Geographic Intelligence
16. MCWP 2-3 MAGTF Intelligence Production and Analysis
17. MCWP 2-4 Marine Air-Ground Task Force Intelligence Dissemination
18. MCWP 2-6 Counterintelligence
19. MCWP 3-33.5 Counterinsurgency Operations
20. MCWP 3-35.7 MAGTF Meteorology and Oceanography (METOC) Support
21. MCWP 3-40.5 Electronic Warfare
22. MCWP 5-1 Marine Corps Planning Process

SUPPORT REQUIREMENTS:

OTHER SUPPORT REQUIREMENTS: This task requires highly technical advanced individual skills certification tailored to function, billet, mission, and units role in a JIIM environment. Certification requirements may be satisfied by a combination of organic unit training and intelligence specific training provided by external training capabilities. Recommend ITI-I/WTI-I certified personnel consult with local RITC to develop short, mid, and long-term training plans tailored to unit and mandated pre-deployment training requirements.

MISCELLANEOUS:

SPECIAL PERSONNEL CERTS: Training requirements includes but is not limited to the following: G2-/S-2 Officer, Chief and other designated personnel ITI-I certified. 100% special skill certification requirements complete and current.

SI EW-OPS-7001: Conduct Operations Control and Analysis Center (OCAC) Operations

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

EVALUATION-CODED: YES

SUSTAINMENT INTERVAL: 6 months

DESCRIPTION: The OCAC is the main node for the command and control of Radio Battalion (RadBn) SIGINT/EW operations and the overall coordination of SIGINT operations in support of the MAGTF. It processes, analyzes, produces, and disseminates SIGINT-derived information, directs organic EW capabilities and leverages external SIGINT/EW capabilities.

CONDITION: Given personnel, unit table of equipment, subordinate elements, mission tasking, Commander's guidance, intelligence requirements, references, and access to available communications networks and materials.

STANDARD: To support MAGTF operations within the timelines and constraints established by the Commander.

EVENT COMPONENTS:

1. Establish SCIF.
2. Establish SCI Communications.
3. Conduct operations management.
4. Conduct SIGINT Collections Management.
5. Conduct processing/exploitation operations.
6. Conduct production.
7. Conduct dissemination.

CHAINED EVENTS: SIEW-OPS-5001

REFERENCES:

1. EO 12333 U.S. Intelligence Activities (As Amended)
2. ICD 705.1 Physical Security Standards for Sensitive Compartmented Information Facilities
3. MCDP 1-0 Marine Corps Operations, Sep 2001
4. MCWP 2-1 Intelligence Operations
5. MCWP 2-22 Signals Intelligence
6. MCWP 2-3 MAGTF Intelligence Production and Analysis
7. MCWP 3-40.5 Electronic Warfare
8. MCWP 5-1 Marine Corps Planning Process

3004. 5000-LEVEL EVENTS

SIEW-OPS-5001: Conduct Operations Control Element (OCE) operations

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

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 3 months

DESCRIPTION: The OCE is a task organized subordinate element of RadBn. Priorities include coordinating SIGINT/EW and limited cyberspace operations, with ground and air commanders and their staffs.

CONDITION: Given personnel, unit table of equipment, subordinate elements, mission tasking, Commanders guidance, intelligence requirements, references, access to available communications networks and materials.

STANDARD: To support MAGTF operations within the timelines and constraints established by the Commander.

EVENT COMPONENTS:

1. Establish SCIF.
2. Establish SCI communications.
3. Conduct operations management.
4. Conduct SIGINT Collections Management.
5. Conduct processing/exploitation operations.
6. Conduct production.
7. Conduct dissemination.

CHAINED EVENTS:

SIEW-OPS-3001	SIEW-OPS-3002	SIEW-OPS-3003
SIEW-OPS-4001	SIEW-OPS-4002	SIEW-OPS-4003
SIEW-OPS-4004	SIEW-OPS-4005	

REFERENCES:

1. EO 12333 U.S. Intelligence Activities (As Amended)
2. ICD 705.1 Physical Security Standards for Sensitive Compartmented Information Facilities
3. MCDP 1-0 Marine Corps Operations, Sep 2001
4. MCWP 2-1 Intelligence Operations
5. MCWP 2-22 Signals Intelligence
6. MCWP 2-3 MAGTF Intelligence Production and Analysis
7. MCWP 3-40.5 Electronic Warfare
8. MCWP 5-1 Marine Corps Planning Process

SUPPORT REQUIREMENTS:

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

OTHER SUPPORT REQUIREMENTS: Red Cell, combat service support, and simulation spectrum services.

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: Minimum of five day training evolution is required to train this collective event to standard.

3005. 4000-LEVEL EVENTS

SIEW-OPS-4001: Conduct team operations

SUPPORTED MET(S): 1, 2, 4, 7, 8

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 3 months

DESCRIPTION: Team operations consist of Radio Reconnaissance Team (RRT), LAV-EW team, SIGINT Support Team (SST), and various task organized support teams.

The radio reconnaissance teams support advance force, pre-assault, or other operations where the employment of conventional RadBn teams may be inappropriate or unfeasible. LAV-EW teams provide Marines and equipment capable of SIGINT collection, reporting, and EW operations to support the MAGTF. SSTs are task-organized from resources available throughout the RadBn and are tailored to the requirements of the supported Commander.

CONDITION: Given an OCAC, mission tasking, Commanders guidance, collection requirements, intelligence requirements and references.

STANDARD: To support MAGTF operations within the timelines and constraints established by the Commander.

EVENT COMPONENTS:

1. Integrate with supported unit, as required.
2. Establish security.
3. Establish communications.
4. Conduct collection operations.
5. Conduct EW operations.
6. Provide Indication and Warning (I&W).
7. Provide Intelligence reporting.
8. Store data, as required.
9. Forward data, as required.

CHAINED EVENTS:

0300-MOUT-1001	0300-MOUT-1002	0300-PAT-1001
0300-PAT-1002	0300-PAT-1003	0300-PAT-1004
0300-PAT-1005	0300-PAT-1006	0300-PAT-1007
0300-PAT-1008	0300-PAT-1009	0300-PAT-1010
0300-PAT-1011	0300-PAT-1012	0300-MOBL-2001
0300-MOBL-2002	0300-MOBL-2003	0300-PAT-2001
0300-PAT-2002	0300-PAT-2003	0300-PAT-2004
0300-PAT-2005	0300-PAT-2006	0300-TRNG-2001
0300-TVEH-2001	0300-TVEH-2002	0300-TVEH-2004
0300-TVEH-2005	0300-TVEH-2005	0300-TVEH-2006
0300-TVEH-2009	0300-TVEH-2010	0300-TVEH-2017
0313-COMM-1000	0313-M240-1002	0313-M240-1003
0313-MOBL-1001	0313-MOBL-1002	0313-MOBL-1003
0313-PMCS-1001	0313-PMCS-1003	0313-M240-2006
0313-MNVR-2000	0313-OFF-2100	0313-OFF-2105
0313-PMCS-2003	0313-REC-2100	0313-MOBL-3001
2600-COLL-1001	2600-COLL-1002	2600-COMM-1001
2600-COMM-1002	2600-GENI-1001	2600-PLAN-2001
2600-PLAN-2002	2600-PROD-1001	2600-PROD-2001
2600-PROD-2002	2600-SCTY-1001	2600-SCTY-2001
2600-SCTY-2002	2600-SCTY-2003	2600-TRGT-1001
2611-ANYS-2001	2611-ANYS-2004	2611-COLL-2001
2611-EXPL-2001	2611-PROD-2001	2621-ANYS-1001
2621-ANYS-2001	2621-ANYS-2002	2621-COLL-1001
2621-PROC-1001	2629-ANYS-2002	2629-DISS-2001
2670-COLL-1001	2670-PROD-1001	2670-PROD-1002
2670-PROD-1003	2670-PROD-1004	2670-PROD-2001
INF-MAN-3002	INF-MAN-3203	INF-MAN-3301
REC-AMPH-1002	REC-AMPH-1003	REC-AMPH-1009

RECN-AMPH-1013	RECN-COND-1004	RECN-DEMO-1002
RECN-DEMO-1003	RECN-GRND-1001	RECN-GRND-1002
RECN-GRND-1003	RECN-GRND-1004	RECN-GRND-1008
RECN-GRND-1009	RECN-GRND-1010	RECN-GRND-1016
RECN-GRND-1020	RECN-PLAN-1004	RECN-PLAN-1007
RECN-PLAN-1008	RECN-SHAP-1001	RECN-SHAP-1002
RECN-SHAP-1003	RECN-SHAP-1004	RECN-SPIE-1003
RECN-SPIE-1004	RECN-SPIE-1005	RECN-SPIE-1006
RECN-AMPH-2001	RECN-AMPH-2408	RECN-GRND-2402
RECN-GRND-2407	RECN-GRND-2408	RECN-GRND-2411
RECN-PLAN-2403	RECN-PLAN-2405	RECN-PLAN-2412
RECN-PLAN-2517	RECN-SHAP-2001	RECN-SHAP-2005
RECN-SPIE-2501		

RELATED EVENTS:

INF-MAN-4004	INF-MAN-4201	INF-MAN-4204
INF-MAN-4209	INF-MAN-4210	RECN-AMPH-4002
RECN-AMPH-4004	RECN-AMPH-4010	RECN-GRND-4005
RECN-GRND-4007	RECN-GRND-4020	RECN-GRND-4025
RECN-SPIE-4003		

REFERENCES:

1. MCIA-1540-002-95 Generic Intelligence Requirements Handbook (GIRH)
2. MCRP 2-3A Intelligence Preparation of the Battlefield/Battlespace
3. MCRP 5-12A Operational Terms and Graphics
4. MCWP 2-1 Intelligence Operations
5. MCWP 2-2 MAGTF Intelligence Collection
6. MCWP 2-22 Signals Intelligence
7. MCWP 2-3 MAGTF Intelligence Production and Analysis
8. MCWP 2-4 Marine Air-Ground Task Force Intelligence Dissemination
9. MCWP 5-1 Marine Corps Planning Process

SUPPORT REQUIREMENTS:

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

MISCELLANEOUS:

SPECIAL PERSONNEL CERTS: Basic Reconnaissance Course (BRC) for RRT Marines. Basic Airborne School (RRT). SERE (RRT). LAV Crewman's Course for MEWSS Marines. Precision Geo-location Certification (for all teams).

SIEW-OPS-4002: Establish SCIF operations

SUPPORTED MET(S): 1, 6

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

DESCRIPTION: Establish physical security measures, implement policies and manage battalion operations to ensure a certified secure work environment for SCI operations. SCIF operations also include the management of subordinate

RadBn elements operating in SCIFs.

CONDITION: Given personnel, unit table of equipment, mission tasking, Commander's guidance, intelligence requirements, references, access to available communications networks and materials.

STANDARD: To support RadBn operations within the timelines and constraints established by directives.

EVENT COMPONENTS:

1. Conduct site survey.
2. Execute SCIF request procedures.
3. Execute SCIF physical security requirements.
4. Execute SCIF personnel security requirements.
5. Execute SCIF technical security requirements.
6. Activate as required.
7. Deactivate as required.

CHAINED EVENTS:

0206-TCOM-1001	2600-COLL-1001	2600-COMM-1002
2600-PLAN-2001	2600-SCTY-1001	2600-SCTY-2001
2600-SCTY-2002	2602-SMGT-2001	2602-SMGT-2004
2651-PLAN-2002	2651-SCTY-1002	2651-SCTY-2001
2691-PLAN-2001		

REFERENCES:

1. ICD 705.1 Physical Security Standards for Sensitive Compartmented Information Facilities
2. ICD 705.2 Protecting Sensitive Compartmented Information with Information Systems
3. OPNAV 5510 Information and Personnel Security Program
4. SECNAVINST 5510.30B Department of the Navy Personnel Security Program
5. SECNAVINST 5510.36 Dept of the Navy Information and Personnel Security Program Regulations

SIEW-OPS-4003: Conduct Operations Management

SUPPORTED MET(S): 1, 2, 4, 5, 7, 8

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

DESCRIPTION: Operations Management accounts for the planning, direction, and execution of MAGTF SIGINT and Radio Battalion EW operations.

CONDITION: Given an OCAC, mission tasking, Commander's guidance, collection requirements, intelligence requirements and references.

STANDARD: To support MAGTF operations within the timelines and constraints established by the Commander.

EVENT COMPONENTS:

1. Integrate legal constraints into planning.

2. Conduct SIGINT collections management.
3. Establish watch floor operations.
4. Direct RadBn EW operations.
5. Support MAGTF EW operations.
6. Conduct SIGINT RFI management.
7. Support liaison requirements.
8. Direct SIGINT operations.

CHAINED EVENTS:

0206-COLL-1001	0206-PLAN-1001	0206-PLAN-1002
0206-SMGT-2001	2600-COLL-1001	2600-GENI-1001
2600-PROD-2002	2600-SCTY-1001	2602-SMGT-2001
2602-SMGT-2004	2602-SMGT-2005	2602-SMGT-2006
2651-NADM-2001	2691-MGMT-2002	2691-PLAN-2001
2691-PLAN-2003		

REFERENCES:

1. EO 12333 U.S. Intelligence Activities (As Amended)
2. FM 34-2 Collection Management and Synchronization Planning
3. ICD 705.1 Physical Security Standards for Sensitive Compartmented Information Facilities
4. MCDP 1-0 Marine Corps Operations, Sep 2001
5. MCWP 2-1 Intelligence Operations
6. MCWP 2-2 MAGTF Intelligence Collection
7. MCWP 2-22 Signals Intelligence
8. MCWP 3-40.5 Electronic Warfare
9. MCWP 5-1 Marine Corps Planning Process
10. USSID DA3110
11. USSID DA3114

SIIEW-OPS-4004: Conduct SIGINT Collections Management

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

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

DESCRIPTION: RadBn will manage MAGTF SIGINT capabilities and leverage national and theater-level resources to satisfy MAGTF collections requirements. SIGINT collection management addresses COMINT and ELINT collection requirements in support of the MAGTF. Typically, RadBn coordinates SIGINT requirements to national and theater level resources in concert with MEF G-2.

CONDITION: Given SIGINT requirements to the MAGTF collection plan, SIGINT authorities, an OCAC, references, and materials.

STANDARD: To direct RadBn SIGINT collections operations within the timelines and constraints established by the Commander.

EVENT COMPONENTS:

1. Integrate legal constraints into planning.
2. Identify available collection capabilities.

3. Task subordinate SIGINT elements.
4. Develop SIGINT target deck.
5. Manage SIGINT target deck.
6. Deconflict with MAGTF EW operations.
7. Submit collections gaps to higher.
8. Request support from national/theater level entities as required.
9. Generate reports as required.

CHAINED EVENTS:

0206-COLL-1001	0206-PLAN-1003	0206-PROD-1001
0206-SMGT-2001	2600-COLL-1001	2600-COLL-1002
2600-COMM-1002	2600-PROD-1001	2600-PROD-2001
2600-PROD-2002	2600-SCTY-1001	2600-SCTY-2003
2602-SMGT-2001	2602-SMGT-2003	2602-SMGT-2004
2602-SMGT-2006	2611-ANYS-2001	2611-ANYS-2004
2611-COLL-2001	2621-ANYS-2001	2621-ANYS-2002
2621-COLL-1001	2621-PROC-1001	2629-ANYS-2001
2629-PLAN-2001	2670-COLL-1001	2670-PROD-1001
2691-MGMT-2001	2691-MGMT-2002	2691-PLAN-2002
2691-PLAN-2003		

REFERENCES:

1. Local Standard Operating Procedures
2. MCDP 1-0 Marine Corps Operations, Sep 2001
3. MCWP 2-2 MAGTF Intelligence Collection
4. MCWP 2-22 Signals Intelligence
5. MCWP 2-3 MAGTF Intelligence Production and Analysis
6. USSID CR1400 (SMGT-2002, 2005, 2006)
7. USSID CR1500 (SMGT-2002, 2005, 2006)
8. USSID SP0009
9. USSID SP0018 (All Codes)

SI EW-OPS-4005: Conduct processing/exploitation operations

SUPPORTED MET(S): 1, 4, 5

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 3 months

DESCRIPTION: Processing and exploitation operations include, but are not limited to: traffic analysis, linguistic analysis, signal analysis, cyber analysis, and ELINT analysis to convert collected raw information into a form suitable for SIGINT production.

CONDITION: Given an OCAC, intelligence requirements, collected data, SIGINT authorities, references, and materials.

STANDARD: To enable production that satisfies MAGTF intelligence requirements within the timelines and constraints established by the Commander.

EVENT COMPONENTS:

1. Review mission tasking.
2. Review collected data.

3. Determine follow-on exploitation.
4. Conduct traffic analysis.
5. Conduct linguistic analysis.
6. Conduct signal analysis.
7. Conduct cyber analysis.
8. Conduct ELINT analysis.
9. Prepare data.
10. Forward data as required.

CHAINED EVENTS:

0206-PROD-1001	2600-COLL-1001	2600-COLL-1002
2600-PLAN-2002	2600-PROD-1001	2600-PROD-2001
2600-PROD-2002	2600-SCTY-1001	2611-ANYS-2001
2611-ANYS-2002	2611-ANYS-2004	2611-COLL-2001
2611-EXPL-2001	2611-PROD-2001	2621-ANYS-1001
2621-ANYS-2001	2621-ANYS-2002	2621-COLL-1001
2621-PROC-1001	2631-ANYS-1001	2631-ANYS-1003
2631-ANYS-1004	2631-ANYS-2001	2631-GENI-2001
2670-COLL-1001	2670-PROD-1001	2670-PROD-1002
2670-PROD-1003	2670-PROD-1004	2691-MGMT-2001

REFERENCES:

1. MCWP 2-1 Intelligence Operations
2. MCWP 2-22 Signals Intelligence

3006. 3000-LEVEL EVENTS

SI EW-OPS-3001: Establish SCI Communications

SUPPORTED MET(S): 1, 6

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 3 months

DESCRIPTION: SCI communications include the installation, operation and management of tactical data and voice SCI networks to support RadBn and MAGTF operations.

CONDITION: Given personnel, unit table of equipment, mission tasking, Commander's guidance, references, and materials.

STANDARD: To support RadBn operations within the timelines and constraints established by the Commander.

EVENT COMPONENTS:

1. Review mission tasking.
2. Conduct site survey.
3. Manage resources.
4. Coordinate with internal/external entities.
5. Develop communications plan.
6. Execute communications plan.
7. Develop SCI Computer Network Defense Plan.

8. Execute SCI Computer Network Defense Plan.

CHAINED EVENTS:

0206-TCOM-1002	2600-COLL-1001	2600-COMM-1001
2600-COMM-1002	2600-PLAN-2001	2600-SCTY-1001
2600-SCTY-2003	2611-ANYS-2003	2631-ANYS-1002
2651-NADM-1001	2651-NADM-1002	2651-NADM-2001
2651-NADM-2002	2651-PLAN-2001	2651-PLAN-2002
2651-SCTY-1001	2651-SCTY-1002	2651-SCTY-1003
2651-SCTY-1004	2651-SCTY-2002	2651-SYSA-1001
2651-SYSA-1002	2651-SYSA-2001	2651-SYSA-2002
2651-TCOM-1001	2651-TCOM-2001	2691-PLAN-2001
2691-PLAN-2003		

REFERENCES:

1. CJCSM 6231.04B Manual for Employing Tactical Communications
2. DoDD 8570.01M Information Assurance Workforce Improvement Program Incorporating Change 2, April 20, 2010
3. DODIIS DJSIG DOD Intelligence Information System (DODIIS) Joint Security Implementation Guide (DJSIG) June 2011
4. EKMS-1 (series) EKMS Policy and Procedures for Navy EKMS Tiers 2 & 3
5. JP 2-02 National Intelligence Support to Joint Operations
6. JP 6-0 Joint Communications System
7. Local Standard Operating Procedures
8. MCWP 2-22 Signals Intelligence
9. MCWP 3-40.3 MAGTF Communications System
10. MCWP 6-22 Communications and Information Systems
11. SECNAVINST 5239.3B Department of the Navy Information Assurance Policy

SIEW-OPS-3002: Conduct SIGINT production

SUPPORTED MET(S): 1, 5

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 3 months

DESCRIPTION: SIGINT production is the conversion of raw information into SIGINT product reports through the evaluation, integration, and interpretation of the information derived during the processing and exploitation effort. The results of the analysis are correlated by SIGINT analysts and reporters to form the basis for SIGINT reports.

CONDITION: Given OCAC, mission tasking, Commanders guidance, intelligence requirements, processed intelligence, references, and materials.

STANDARD: To produce reports that satisfies MAGTF intelligence requirements within the timelines and constraints established by the Commander.

EVENT COMPONENTS:

1. Review mission tasking.
2. Integrate legal constraints.
3. Review processed collection.
4. Determine reportable data.

5. Manipulate databases as required.
6. Determine applicable report format.
7. Incorporate collateral reporting.
8. Produce standard reports as required.
9. Produce non-standard reports as required.
10. Conduct quality control of reports.

CHAINED EVENTS:

0206-PLAN-1001	0206-PLAN-1003	0206-PROD-1001
0206-PROD-1002	2600-COLL-1001	2600-COLL-1002
2600-GENI-1001	2600-PLAN-2002	2600-PROD-1001
2600-PROD-2001	2600-PROD-2002	2600-SCTY-1001
2602-SMGT-2002	2611-ANYS-2001	2611-ANYS-2003
2611-ANYS-2004	2611-EXPL-2001	2611-PROD-2001
2621-ANYS-1001	2621-ANYS-2001	2621-ANYS-2002
2621-PROC-1001	2629-ANYS-2001	2629-ANYS-2002
2629-PROD-2001	2629-PROD-2002	2631-ANYS-1001
2631-ANYS-1003	2631-ANYS-1004	2631-ANYS-2001
2631-GENI-2001	2670-COLL-1001	2670-PROD-1001
2670-PROD-1002	2670-PROD-1003	2670-PROD-1004
2670-PROD-2001	2691-MGMT-2001	2691-PLAN-2003

REFERENCES:

1. DoD Regulation 5240.1-R Procedures Governing DoD Intelligence Components Affecting U.S. Persons
2. EO 12333 U.S. Intelligence Activities (As Amended)
3. JP 2-0 Joint Intelligence
4. JP 2-01 Joint and National Intelligence Support to Military Operations
5. MCRP 2-3A Intelligence Preparation of the Battlefield/Battlespace
6. MCWP 2-22 Signals Intelligence
7. NSA/CSS Policy 1-23 Procedures Governing NSA/CSS Activities That Affect U.S. Persons
8. Local Standing Operating Procedures
9. USSID SP0009
10. USSID SP0018

SI EW-OPS-3003: Conduct SIGINT dissemination

SUPPORTED MET(S): 1, 5

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 3 months

DESCRIPTION: Dissemination is the process through which SIGINT products are delivered to MAGTF users: the MAGTF commander, subordinate commanders and their staffs, and others as appropriate (e.g. joint force commander, joint components, and various theater and national organizations and intelligence agencies). These products include time-sensitive voice reports, text reports, data base updates, and web-based resources (e.g., via the MAGTF sensitive compartmented information local area network).

CONDITION: Given an OCAC, intelligence requirements, standard and non-standard reports, SIGINT authorities, references, and materials.

STANDARD: To satisfy MAGTF intelligence requirements within the timelines and constraints established by the Commander.

EVENT COMPONENTS:

1. Verify customers.
2. Determine transmission medium.
3. Log reports.
4. Provide follow-up as required.

CHAINED EVENTS:

0206-DISS-1001	2600-COLL-1001	2600-COLL-1002
2600-COMM-1001	2600-COMM-1002	2600-PROD-1001
2600-PROD-2002	2600-SCTY-1001	2602-SMGT-2002
2629-DISS-2001	2629-PROD-2001	2631-GENI-2001
2691-MGMT-2001	2691-MGMT-2002	

REFERENCES:

1. MCWP 2-1 Intelligence Operations
 2. MCWP 2-22 Signals Intelligence
 3. MCWP 2-3 MAGTF Intelligence Production and Analysis
 4. MCWP 2-4 Marine Air-Ground Task Force Intelligence Dissemination
 5. MCWP 5-1 Marine Corps Planning Process
 6. SECNAVINST 5510.34A Disclosure of Classified Military Information and Controlled Unclassified Information to Foreign Governments, International Organizations, and Foreign Representatives
 7. Local Standing Operating Procedures
-

SIGINT T&R MANUAL

CHAPTER 4

MOS 2600 COMMON INDIVIDUAL EVENTS

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SIGINT T&R MANUAL

CHAPTER 4

MOS 2600 INDIVIDUAL EVENTS

4000. PURPOSE. This chapter details the individual events that pertain to Basic Signals Intelligence/Ground Electronic Warfare Operator. Each individual event provides an event title, along with the conditions events will be performed under, and the standard to which the event must be performed to be successful.

4001. EVENT CODING. Events in this T&R Manual are depicted with an up to 12-character, 3-field alphanumeric system, i.e. XXXX-XXXX-XXXX. This chapter utilizes the following methodology

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

<u>Code</u>	<u>Description</u>
2600	Basic SIGINT/Ground EW Operator

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

<u>Code</u>	<u>Description</u>
COLL	Collection
COMM	Communication
GENI	General Intelligence
PLAN	Planning
PROD	Production
SCTY	Security
TRGT	Targeting

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>
1000	Core Skills
2000	Core Plus Skills

4002. INDEX OF INDIVIDUAL EVENTS

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1000-LEVEL		
2600-COLL-1001	Conduct Basic Computer Operations	4-3

2600-COLL-1002	Conduct Electronic Warfare Support	4-4
2600-COMM-1001	Operate Tactical Radios	4-4
2600-COMM-1002	Employ Antennas	4-5
2600-GENI-1001	Demonstrate a basic understanding of the Intelligence Cycle	4-6
2600-PROD-1001	Recognize Reportable Information	4-6
2600-SCTY-1001	Apply Security Procedures	4-7
2600-TRGT-1001	Conduct Electronic Attack	4-8
2000-LEVEL		
2600-PLAN-2001	Conduct Power Usage Assessment	4-9
2600-PLAN-2002	Conduct Precise Geolocation	4-9
2600-PROD-2001	Produce Non-Standard Reports	4-10
2600-PROD-2002	Conduct intelligence briefs	4-11
2600-SCTY-2001	Prepare an Emergency Action Plan (EAP)	4-11
2600-SCTY-2002	Establish a Tactical Sensitive Compartmented Information Facility (TSCIF)	4-12
2600-SCTY-2003	Construct a Field Expedient Antenna (FEA)	4-13

4003. 1000-LEVEL EVENTS**2600-COLL-1001:** Conduct Basic Computer Operations**EVALUATION-CODED:** NO **SUSTAINMENT INTERVAL:** 12 months**DESCRIPTION:** This is a collective of basic computer tasks that an individual must be able to perform.**GRADES:** PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT**INITIAL TRAINING SETTING:** FORMAL**CONDITION:** With the aid of references, given a mission order to facilitate the conduct of SIGINT operations.**STANDARD:** To properly set up and operate a computer on a network, within a time limit established by the Commander.**PERFORMANCE STEPS:**

1. Utilize computer components.
2. Utilize computer peripherals.
3. Utilize computer software.
4. Utilize productivity applications.
5. Describe network fundamentals.
6. Describe classified and unclassified networks.

REFERENCES:

1. ISBN 978-0-735-61543-4 Windows XP Professional Academic Learning Series
2. ISBN 978-0-735-62667-6 Windows 7 Step by Step
3. Microsoft Office Excel 2010
4. Microsoft Office Outlook 2010
5. Microsoft Office PowerPoint 2010

STANDARD: To establish secure tactical communications within a time limit established by the Commander.

PERFORMANCE STEPS:

1. Apply RF theory.
2. Inventory tactical radio components.
3. Set up tactical radio.
4. Establish communications.
5. Utilize cryptographic equipment to issue, as required.
6. Utilize cryptographic equipment to transfer, as required.
7. Utilize cryptographic equipment to receive, as required.
8. Utilize cryptographic equipment to clone, as required.

REFERENCES:

1. CJCSM 6231.04B Manual For Employing Tactical Communications
2. EKMS-1 (series) EKMS Policy and Procedures for Navy EKMS Tiers 2 & 3
3. ISBN 978-0-87259-677-1 The ARRL Handbook for Radio Communications, 2012 Edition
4. ISBN 978-0-87259-694-8 ARRL Antenna Book, 22nd Edition
5. MCRP 3-40.3B Radio Operator's Handbook
6. Local Standing Operating Procedures

2600-COMM-1002: Employ Antennas

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 3 months

DESCRIPTION: The individual will be able to employ both Field Expedient Antennas (FEAs) and manufactured antennas for the conduct of a Signals Intelligence mission.

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: With the aid of references, given an antenna or antenna components and a transceiver.

STANDARD: To transmit or receive a signal, within a time limit established by the Commander.

PERFORMANCE STEPS:

1. Identify antenna characteristics based on antenna theory.
2. Identify operational constraints associated with FEAs and SL-3 antennas.
3. Identify environmental constraints associated with FEAs and SL-3 antennas.
4. Determine appropriate antennas to utilize based upon characteristics and capabilities of antenna.
5. Employ antenna.

REFERENCES:

1. ISBN 978-0-87259-677-1 The ARRL Handbook for Radio Communications, 2012 Edition
2. ISBN 978-0-87259-694-8 ARRL Antenna Book, 22nd Edition

CONDITION: Given IRs, and raw or evaluated and minimized traffic (intelligence requirements).

STANDARD: To satisfy IRs in the time allotted by the Commander.

PERFORMANCE STEPS:

1. Review IRs.
2. Review raw or evaluated and minimized traffic.
3. Identify EEIs.
4. Notify appropriate entities.

REFERENCES:

1. MCWP 2-1 Intelligence Operations
2. MCWP 2-22 Signals Intelligence
3. USSID CR1231
4. USSID CR1283
5. USSID CR1284
6. USSID CR1400
7. USSID CR1500
8. USSID CR1501
9. USSID CR1601, CR1610, CR1611

2600-SCTY-1001: Apply Security Procedures

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: The individual will ensure that classified material (to include EKMS) and information is properly safeguarded and its distribution is limited to authorized personnel and communications channels. Classified and sensitive material must be properly marked, stored and protected.

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: With the aid of references, given classified material, and information.

STANDARD: To prevent security violations and compromises.

PERFORMANCE STEPS:

1. Mark all material with proper classification, as directed.
2. Store classified material.
3. Account for all classified material, as required.
4. Courier classified material, as required.
5. Destroy classified material, as required.
6. Utilize classified material.
7. Sanitize work spaces, as required.
8. Apply OPSEC measures.
9. Apply INFOSEC measures.
10. Apply COMPUSEC measures.

REFERENCES:

1. DODD 5105.21-M-1 Sensitive Compartmented Information (SCI) Security Manual, Administrative Security
 2. ICD 705 Sensitive Compartmented Information Facilities
 3. ICD 705 Technical Specifications Version 1.2
 4. ICS 705-1 Physical and Technical Standards for Sensitive Compartmented Information Facilities
 5. ICS 705-2 Standards for the Accreditation and Reciprocal Use of Sensitive Compartmented Information Facilities
 6. Local Standard Operating Procedures
 7. SECNAVINST 5510.30B Department of the Navy Personnel Security Program
-

2600-TRGT-1001: Conduct Electronic Attack

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: Individual will conduct electronic attack against selected targets.

BILLETS: Electronic Attack Team Member

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: With the aid of references, given mission tasking, an electronic attack system, threat signal, and a communication system.

STANDARD: To degrade or disrupt target signals, within a time limit established by the commander, and in accordance with the references.

PERFORMANCE STEPS:

1. Review mission tasking.
2. Select equipment.
3. Operate Electronic Attack equipment.
4. Evaluate effectiveness
5. Provide jamming report.

REFERENCES:

1. ISBN 978-0-87259-677-1 The ARRL Handbook for Radio Communications, 2012 Edition
 2. ISBN 978-0-87259-694-8 ARRL Antenna Book, 22nd Edition
 3. JP 2-01.1 Joint Tactics, Techniques, and Procedures for Intelligence Support to Targeting
 4. JP 3-13.1 Electronic Warfare
 5. JP 3-60 Joint Targeting
 6. MCRP 3-16.1A Tactics, Techniques and Procedures for Field Artillery Target Acquisition
 7. MCRP 3-16B The Joint Targeting Process and Procedures for Targeting Time-Critical Targets
 8. MCRP 3-40.3B Radio Operator's Handbook
 9. MCWP 3-40.5 Electronic Warfare
-

4004. 2000-LEVEL EVENTS

2600-PLAN-2001: Conduct Power Usage Assessment

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

GRADES: CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: With the aid of reference, given mission tasking, and working in a fixed or mobile site.

STANDARD: To determine utility requirements to ensure continuity of operations.

PERFORMANCE STEPS:

1. Differentiate between ohms/volts/amps.
2. Calculate usage in amps.
3. Establish power usage threshold (high/low).
4. Employ uninterruptable power supply (UPS) resources.
5. Establish disaster recovery plan.
6. Calculate heat output in British Thermal Units (BTU).
7. Establish equipment cooling strategy.
8. Implement proper grounding procedures.

REFERENCES:

1. FM 5-424 Theater of Operations Electrical Systems (Jun 97)
 2. TM 12359A-OD/B Principal Technical Characteristics of Expeditionary Power Systems Equipment
 3. US Army Power Manpack Radio 12_08_09
 4. MCWP 3-17.K Theater of Operations Electrical Systems (CH 3, 6, 8, 10, 13)
 5. MCWP 3-17.7 General Engineering (CH 14)
 6. Local Standing Operating Procedures
-

2600-PLAN-2002: Conduct Precise Geolocation

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

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: With the aid of reference, given mission tasking, fielded equipment and a target environment.

STANDARD: To locate a signal of interest within time limits and constraints established by the Commander.

PERFORMANCE STEPS:

1. Review mission tasking.

2. Apply legal considerations.
3. Apply technical considerations.
4. Identify operational constraints.
5. Identify environmental constraints.
6. Deconflict operations.
7. Employ equipment.
8. Conduct post-mission analysis.
9. Disseminate mission results.

REFERENCES:

1. ISBN 978-0-87259-677-1 The ARRL Handbook for Radio Communications, 2012 Edition
 2. ISBN 978-0-87259-694-8 ARRL Antenna Book, 22nd Edition
 3. ISBN 978-0979387340 Newton's Telecom Dictionary: Telecommunications, Networking, Information Technologies, The Internet, Wired, Wireless, Satellites and Fiber
 4. Local Standing Operating Procedures
 5. USSID DA3857
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2600-PROD-2001: Produce Non-Standard Reports

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

DESCRIPTION: Individual will utilize SIGINT information to produce a non-standard SIGINT report.

GRADES: LCPL, CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: With the aid of references, given SIGINT data and information, production equipment.

STANDARD: To satisfy intelligence requirements, within a time limit established by the commander.

PERFORMANCE STEPS:

1. Review mission tasking.
2. Identify intelligence requirements.
3. Review SIGINT data and information.
4. Produce non-standard SIGINT report.

REFERENCES:

1. DCGS
 2. Doctrine Organization Training Materiel Leadership Personnel Facilities
 3. Local Standard Operating Procedures
 4. MCWP 2-22 Signals Intelligence
 5. MCWP 3-40.5 Electronic Warfare
 6. SEDSCAF Standard Electronic Intelligence Data Systems Codes and Formats Manual
-

2600-PROD-2002: Conduct intelligence briefs

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: Individual must gather information and intelligence to brief an audience.

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: With the aid of references, given mission tasking, and briefing materials.

STANDARD: To convey the information within a time limit established by the Commander.

PERFORMANCE STEPS:

1. Review mission tasking.
2. Gather information resources.
3. Analyze data.
4. Prepare brief.
5. Deliver brief.
6. Field questions.

REFERENCES:

1. Local Standard Operating Procedures
 2. MCWP 2-22 Signals Intelligence
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2600-SCTY-2001: Prepare an Emergency Action Plan (EAP)

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: Each accredited SCIF or secure area must establish an Emergency Action Plan (EAP) to be approved by the G-2/S-2 or SSO as appropriate.

GRADES: CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: With the aid references, a secure working environment, and classified material.

STANDARD: To safeguard classified material in the event of an emergency, within a time limit established by the Commander.

PERFORMANCE STEPS:

1. Create sequence of events.
2. Submit to proper authorities for approval.
3. Conduct rehearsal.

REFERENCES:

1. DODD 5105.21-M-1 Sensitive Compartmented Information (SCI) Security Manual, Administrative Security
2. ICD 705 Sensitive Compartmented Information Facilities
3. ICD 705 Technical Specifications Version 1.2
4. ICS 705-1 Physical and Technical Standards for Sensitive Compartmented Information Facilities
5. ICS 705-2 Standards for the Accreditation and Reciprocal Use of Sensitive Compartmented Information Facilities
6. SECNAVINST 5510.30B Department of the Navy Personnel Security Program
7. Local Standing Operating Procedures

2600-SCTY-2002: Establish a Tactical Sensitive Compartmented Information Facility (TSCIF)

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: TSCIFs are established to conduct TS/SCI operations.

GRADES: CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: With the aid of references and given mission tasking.

STANDARD: To support mission requirements, in the time allotted by the commander.

PERFORMANCE STEPS:

1. Review TSCIF requirements.
2. Obtain site location from advance party personnel, as required.
3. Request to establish a TSCIF.
4. Establish physical security requirements.
5. Send TSCIF activation notification.
6. Prepare an Emergency Destruction Plan (EDP).
7. Brief TSCIF personnel on security matters.
8. Maintain TSCIF access roster.
9. Conduct final TSCIF inspection.
10. Send TSCIF deactivation notification.

REFERENCES:

1. DODD 5200.1 DOD Information Security Program
2. DODD TS-5105.21-M-2 Sensitive Compartmented Information (SCI) Security Manual, Communications Intelligence (COMINT) Policy
3. ICD 705 Sensitive Compartmented Information Facilities
4. ICD 705 Technical Specifications Version 1.2
5. ICS 705-1 Physical and Technical Standards for Sensitive Compartmented Information Facilities
6. ICS 705-2 Standards for the Accreditation and Reciprocal Use of Sensitive Compartmented Information Facilities
7. SECNAVINST 5510.30B Department of the Navy Personnel Security Program

2600-SCTY-2003: Construct a Field Expedient Antenna (FEA)

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

DESCRIPTION: SIGINT operators will be able to construct field expedient antennas.

GRADES: CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: With the aid of references, given mission tasking, antenna equipment, and currently fielded communications equipment and/or collection equipment.

STANDARD: To satisfy transmit and/or receive requirements, in the time allotted by the commander.

PERFORMANCE STEPS:

1. Review mission tasking.
2. Identify antenna characteristics based on antenna theory.
3. Identify operational constraints.
4. Identify environmental constraints.
5. Determine the appropriate FEA.
6. Construct antenna.
7. Establish communications, as required.
8. Establish collections, as required.

REFERENCES:

1. ISBN 978-0-87259-677-1 The ARRL Handbook for Radio Communications, 2012 Edition
 2. ISBN 978-0-87259-694-8 ARRL Antenna Book, 22nd Edition
 3. Local Standard Operating Procedures
 4. MCRP 3-40.3B Radio Operator's Handbook
 5. NAVEDTRA 10250 Principles of Radio Wave Transmission
 6. NAVEDTRA 172-10-00-83 Module 10 Introduction to Wave Propagation, Transmission Lines and Antennas
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CHAPTER 5

MOS 2602 INDIVIDUAL EVENTS

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SIGINT T&R MANUAL

CHAPTER 5

MOS 2602 INDIVIDUAL EVENTS

5000. PURPOSE. This chapter details the individual events that pertain to Signals Intelligence/Electronic Warfare Officers. Each individual event provides an event title, along with the conditions events will be performed under, and the standard to which the event must be performed to be successful.

5001. EVENT CODING. Events in this T&R Manual are depicted with an up to 12-character, 3-field alphanumeric system, i.e. XXXX-XXXX-XXXX. This chapter utilizes the following methodology

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

<u>Code</u>	<u>Description</u>
2602	SIGINT/EW Officer

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

<u>Code</u>	<u>Description</u>
SMGT	SIGINT Management

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>
2000	Core Plus Skills

5002. INDEX OF INDIVIDUAL EVENTS

EVENT CODE	EVENT	PAGE
2000-LEVEL		
2602-SMGT-2001	Evaluate Technical SIGINT/EW Mission Readiness	5-3
2602-SMGT-2002	Manage Technical SIGINT/EW Production	5-3
2602-SMGT-2003	Supervise SIGINT collection management	5-5
2602-SMGT-2004	Manage SIGINT/EW Equipment Integration	5-5
2602-SMGT-2005	Direct Electronic Warfare (EW) Operations	5-6
2602-SMGT-2006	Plan Cyberspace Operations	5-7

5003. 2000-LEVEL EVENTS

2602-SMGT-2001: Evaluate Technical SIGINT/EW Mission Readiness

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

DESCRIPTION: Identify all resource requirements and advise commander on technical solutions with respect to SIGINT/EW readiness.

MOS PERFORMING: 2602

GRADES: WO-1, CWO-2, CWO-3, CWO-4, CWO-5

INITIAL TRAINING SETTING: MOJT

CONDITION: Given mission requirements and/or tasking, references, and authorized resources.

STANDARD: To ensure all technical requirements are identified and addressed, within a time limit established by the Commander.

PERFORMANCE STEPS:

1. Validate technical SIGINT/EW operational readiness.
2. Validate T/O&E for a SIGINT/EW unit.
3. Determine SIGINT/EW equipment employment.
4. Identify SIGINT/EW equipment shortfalls.
5. Advise commander on SIGINT/EW mission requirements.
6. Apply legal considerations to ensure Intelligence Oversight compliance, as required.
7. Direct coordination with external agencies.
8. Validate SIGINT unit training plan.
9. Advise Commander on SCIF operations.
10. Advise Commander on Emergency Action Plan (EAP).
11. Coordinate with higher headquarters (HHQ), as required.
12. Brief the capabilities/limitations of SIGINT/EW support.
13. Review lessons learned/after action reports (AAR) on SIGINT/EW operations.

REFERENCES:

1. JP 2-01 Joint and National Intelligence Support to Military Operations
2. MAGTF EW Information System Initial Capabilities Document
3. MCDP 1-0 Marine Corps Operations, Sep 2001
4. MCDP 3 Expeditionary Operations
5. MCDP 4 Logistics
6. MCDP 5 Planning
7. MCRP 2-3A Intelligence Preparation of the Battlefield/Battlespace
8. MCRP 5-12D Organization of Marine Corps Forces
9. MCWP 2-22 Signals Intelligence

2602-SMGT-2002: Manage Technical SIGINT/EW Production

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

DESCRIPTION: Supervise production and reporting to satisfy information and intelligence requirements.

MOS PERFORMING: 2602

GRADES: WO-1, CWO-2, CWO-3, CWO-4, CWO-5

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given information requirements, tasking, collected information, references, and authorized resources.

STANDARD: To satisfy information requirements, within a time limit established by the Commander.

PERFORMANCE STEPS:

1. Review information requirements and/or tasking.
2. Apply legal considerations, as required.
3. Determine reporting criteria.
4. Validate appropriate reporting vehicles.
5. Supervise production of SIGINT product(s).
6. Supervise SIGINT reporting to 2nd party customers.
7. Supervise SIGINT reporting to 3rd party customers.
8. Supervise SIGINT reporting to allied.
9. Supervise SIGINT reporting to coalition customers.
10. Release SIGINT reports.
11. Participate in all-source fusion analysis.
12. Provide technical information to supported units, as required.

REFERENCES:

1. DoD Regulation 5240.1-R Procedures Governing DoD Intelligence Components Affecting U.S. Persons
 2. DoDI 3305.09 DoD Cryptologic Training
 3. EO 12333 U.S. Intelligence Activities (As Amended)
 4. ICD 705 Sensitive Compartmented Information Facilities
 5. ICD 705 Technical Specifications Version 1.2
 6. ICS 705-1 Physical and Technical Standards for Sensitive Compartmented Information Facilities
 7. ICS 705-2 Standards for the Accreditation and Reciprocal Use of Sensitive Compartmented Information Facilities
 8. JP 2-0 Joint Intelligence
 9. JP 2-01 Joint and National Intelligence Support to Military Operations
 10. MCDP 1-0 Marine Corps Operations, Sep 2001
 11. MCDP 3 Expeditionary Operations
 12. MCDP 5 Planning
 13. MCO 1553.3_ Unit Training Management (UTM) Program
 14. MCRP 2-3A Intelligence Preparation of the Battlefield/Battlespace
 15. MCRP 5-12D Organization of Marine Corps Forces
 16. MCWP 2-22 Signals Intelligence
 17. NSA/CSS Policy 1-23 Procedures Governing NSA/CSS Activities That Affect U.S. Persons
 18. USSID SP0018
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2602-SMGT-2003: Supervise SIGINT collection management

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: Coordinate, request, and/or direct collection tasking to maximize SIGINT collection utilizing assets and resources at all echelons.

MOS PERFORMING: 2602

GRADES: WO-1, CWO-2, CWO-3, CWO-4, CWO-5

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given information requirements and/or tasking, references, and authorized resources.

STANDARD: To satisfy information requirements, within a time limit established by the Commander.

PERFORMANCE STEPS:

1. Review information requirements.
2. Identify SIGINT authorities.
3. Apply legal considerations, as required.
4. Provide SIGINT capabilities to overall collection plan.
5. Identify SIGINT collection gaps to overall collection plan.
6. Coordinate with MAGTF EW capabilities.
7. Coordinate with national/theater agencies, as required.
8. Develop SIGINT architecture.
9. Manage SIGINT collection assets.
10. Evaluate collection effectiveness.

REFERENCES:

1. DODD S-3115.7 Signals Intelligence
2. FM 34-2 Collection Management and Synchronization Planning
3. MCDP 5 Planning
4. MCRP 2-3A Intelligence Preparation of the Battlefield/Battlespace
5. MCWP 2-1 Intelligence Operations
6. MCWP 2-22 Signals Intelligence
7. MCWP 3-40.5 Electronic Warfare
8. Radio Battalion SOPs Radio Battalion SOPs
9. USSIDS United States Signals Intelligence Directives

2602-SMGT-2004: Manage SIGINT/EW Equipment Integration

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: Research, procure, integrate, and maintain SIGINT/EW related capabilities in support of SIGINT/EW operations and training.

MOS PERFORMING: 2602

GRADES: WO-1, CWO-2, CWO-3, CWO-4, CWO-5

INITIAL TRAINING SETTING: MOJT

CONDITION: Given commanders intent or mission tasking, references, and authorized resources.

STANDARD: To ensure operational relevancy, within a time limit established by the Commander.

PERFORMANCE STEPS:

1. Identify capabilities/limitations of all organic SIGINT/EW assets.
2. Research solutions to address mission shortfalls.
3. Produce formalized documentation.
4. Validate POR documentation.
5. Facilitate contracting/acquisition services.
6. Provide SIGINT/EW equipment assets/resources.
7. Ensure systems have Interim Authority to Operate (IATO)/Authority to Operate (ATO).
8. Ensure systems have Authority to Connect (ATC), if required.
9. Coordinate equipment training.
10. Coordinate integration of new capabilities into SIGINT/EW architecture.
11. Ensure integration capabilities into program of record.
12. Manage SIGINT system configuration.
13. Manage SIGINT/EW systems readiness.

REFERENCES:

1. MCWP 3-40.3 MAGTF Communications System
-

2602-SMGT-2005: Direct Electronic Warfare (EW) Operations

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

DESCRIPTION: Direct, plan, and coordinate organic EW capabilities to support mission requirements and maximize SIGINT/EW effectiveness at all echelons.

MOS PERFORMING: 2602

GRADES: WO-1, CWO-2, CWO-3, CWO-4, CWO-5

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given SIGINT/EW equipment, mission tasking, references, and authorized resources.

STANDARD: To ensure proper conduct and execution of EW operations, within a time limit established by the commander.

PERFORMANCE STEPS:

1. Review mission tasking.
2. Apply legal considerations.
3. Conduct EW mission planning.
4. Present COAs based on analysis of SIGINT information.
5. Provide technical support to EW operations planning.

6. Coordinate with national/theater agencies, as required.
7. Provide input to Intelligence gain/loss (IGL).
8. Direct de-confliction of EW operations.
9. Determine measure of effectiveness (MOE).
10. Determine measure of performance (MOP).

REFERENCES:

1. Air Tasking Order
 2. JP 3-13.1 Electronic Warfare
 3. MAGTF EW Information System Initial Capabilities Document
 4. MCWP 2-22 Signals Intelligence
 5. Radio Battalion Standard Operating Procedures
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2602-SMGT-2006: Plan Cyberspace Operations

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

DESCRIPTION: Plan and coordinate cyberspace operations in support of mission requirements to maximize effectiveness utilizing assets at all echelons.

MOS PERFORMING: 2602

GRADES: WO-1, CWO-2, CWO-3, CWO-4, CWO-5

INITIAL TRAINING SETTING: FORMAL

CONDITION: With the aid of references, given mission tasking, and authorized resources.

STANDARD: To satisfy mission requirements within a time limit established by the Commander.

PERFORMANCE STEPS:

1. Review mission tasking.
2. Apply legal considerations.
3. Conduct cyberspace mission planning.
4. Provide technical support to cyberspace operations planning.
5. Coordinate with Higher/adjacent units.
6. Coordinate with national/theater agencies, as required.
7. Assess Intelligence gain/loss (IGL).
8. Assess technical gain/loss (TGL).
9. Conduct de-confliction of cyberspace operations.
10. Supervise production of cyberspace operation products.
11. Determine measure of effectiveness (MOE).
12. Determine measure of performance (MOP).

REFERENCES:

1. DCID 7/3 Information Operations and Intelligence Community related Activities
2. Document 5a. NSCID No 6 Signals Intelligence
3. DODD 5240.1 DoD Intelligence Activities

4. DoDD O-3600.3 Technical Assurance Standards for computer Network Attack (CNA)
 5. DODI S-5240.mm Counterintelligence In Cyberspace
 6. EO 12333 U.S. Intelligence Activities (As Amended)
 7. JP 2-01.1 Joint Tactics, Techniques, and Procedures for Intelligence Support to Targeting
 8. JP 2-02 National Intelligence Support to Joint Operations
 9. JP 3-13 Information Operations
 10. MCWP 2-22 Signals Intelligence
 11. MOA DOD/IC Memorandum of Agreement between the DOD and IC regarding CAN/CNE Activities, 2 Apr 2004
 12. NSA/CSS Policy 1-58
 13. SIGINT FOC Marine Corps SIGINT Future Operating Concept 2009-2015, 15 Jan 2009
 14. USSID DA3655 Computer Network Exploitation
 15. USSID DA3857
 16. USSID SG5000
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CHAPTER 6

MOS 2611 INDIVIDUAL EVENTS

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CHAPTER 6

MOS 2611 INDIVIDUAL EVENTS

6000. PURPOSE. This chapter details the individual events that pertain to Cryptologic Digital Network Operator/Analysts. Each individual event provides an event title, along with the conditions events will be performed under, and the standard to which the event must be performed to be successful.

6001. EVENT CODING. Events in this T&R Manual are depicted with an up to 12-character, 3-field alphanumeric system, i.e. XXXX-XXXX-XXXX. This chapter utilizes the following methodology

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

<u>Code</u>	<u>Description</u>
2611	Cryptologic Digital Network Operator/Analysts

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

<u>Code</u>	<u>Description</u>
ANYS	Analysis
COLL	Collection
EXPL	Exploitation
PROD	Production

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>
2000	Core Plus Skills

6002. INDEX OF INDIVIDUAL EVENTS

EVENT CODE	EVENT	PAGE
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2611-ANYS-2001	Conduct basic network/data analysis	6-3
2611-ANYS-2002	Conduct Digital Network Analysis	6-3
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2611-EXPL-2001	Exploit networks of interest in the cyber domain	6-6
2611-PROD-2001	Produce technical information	6-7

6003. 2000-LEVEL EVENTS

2611-ANYS-2001: Conduct basic network/data analysis

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 3 months

DESCRIPTION: The Digital Network Technician must conduct basic analysis to refine the collection effort and validate follow-on targeting and exploitation. The Marine may be required to coordinate with external agencies to complete this task.

MOS PERFORMING: 2611

GRADES: LCPL, CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: With the aid of references, given a signals environment, collected traffic, currently fielded SIGINT/EW equipment, and database access.

STANDARD: To answer Information Requirements within a time limit established by the commander.

PERFORMANCE STEPS:

1. Review mission tasking.
2. Apply legal considerations.
3. Conduct traffic analysis.
4. Create a network topology.
5. Conduct network analysis.
6. Provide results as required.

REFERENCES:

1. EO 12333 U.S. Intelligence Activities (As Amended)
2. NSA/CSS Policy 1-58
3. USSID DA3655 Computer Network Exploitation
4. USSID DA3857
5. USSID SG5000

2611-ANYS-2002: Conduct Digital Network Analysis

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 3 months

DESCRIPTION: The Digital Network Technician will conduct analysis and planning to direct computer network exploitation efforts. The Marine may be required to coordinate with external agencies to complete this task.

MOS PERFORMING: 2611

GRADES: LCPL, CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: With the aid of references, given a signals environment, collected traffic, currently fielded SIGINT/EW equipment, and database access.

STANDARD: To refine the collection effort and validate follow-on targeting and exploitation within a time limit established by the commander.

PERFORMANCE STEPS:

1. Review mission tasking.
2. Apply legal considerations.
3. Identify potential target vulnerabilities.
4. Conduct traffic analysis.
5. Create a network topology.
6. Conduct network analysis.
7. Plan operations.
8. Direct operations.

REFERENCES:

1. EO 12333 U.S. Intelligence Activities (As Amended)
2. NSA/CSS Policy 1-58
3. USSID DA3655 Computer Network Exploitation
4. USSID DA3857
5. USSID SG5000

2611-ANYS-2003: Provide support to Digital Network Defense

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 3 months

DESCRIPTION: The Digital Network Technician will defend computer network environment from internal and external threats. The Marine may be required to coordinate with external agencies to complete this task.

MOS PERFORMING: 2611

GRADES: LCPL, CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: With the aid of references, given a SCI network, network defense tools and collected traffic.

STANDARD: To develop CND plans within established Intelligence Community response times.

PERFORMANCE STEPS:

1. Review mission tasking.
2. Apply legal considerations.
3. Identify potential vulnerabilities.
4. Conduct traffic analysis.
5. Conduct network defense analysis.

6. Disseminate as necessary.

REFERENCES:

1. DODD 5240.1 DoD Intelligence Activities
 2. EO 12333 U.S. Intelligence Activities (As Amended)
 3. ICD 502 Integrated Defense of the Intelligence Community Information Environment
 4. NSA/CSS Policy 1-58
 5. USSID DA3655 Computer Network Exploitation
 6. USSID DA3857
 7. USSID SG5000
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2611-ANYS-2004: Conduct forensics of electronic media

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

MOS PERFORMING: 2611

GRADES: LCPL, CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: With the aid of references, given mission tasking, and electronic media exploitation tools.

STANDARD: To conduct information gathering that support the Commanders information requirements.

PERFORMANCE STEPS:

1. Review mission tasking.
2. Apply legal considerations.
3. Select applicable equipment/tools/techniques.
4. Protect target data from alteration.
5. Process data.
6. Exploit the target environment.
7. Report findings as necessary.

REFERENCES:

1. DODD 5240.1 DoD Intelligence Activities
 2. EO 12333 U.S. Intelligence Activities (As Amended)
 3. ICD 502 Integrated Defense of the Intelligence Community Information Environment
 4. MCWP 2-22 Signals Intelligence
 5. NSA/CSS Policy 1-58
 6. USSID DA3655 Computer Network Exploitation
 7. USSID DA3857
 8. USSID SG5000
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2611-COLL-2001: Collect signals of interest in the cyber domain

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 3 months

DESCRIPTION: The Digital Network Analyst will identify and collect on networks of interest to satisfy mission requirements. The Analyst may be required to coordinate with external agencies to complete this task.

MOS PERFORMING: 2611

GRADES: LCPL, CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: With the aid of references, given mission tasking, currently fielded SIGINT/EW equipment, database access, and a target environment.

STANDARD: To identify potential target(s) for further prosecution, within a time limit established by the commander.

PERFORMANCE STEPS:

1. Review mission tasking.
2. Apply legal considerations.
3. Select equipment.
4. Prosecute the target environment.
5. Utilize applications/tools.
6. Identify node(s) of interest.
7. Identify characteristics of the network.

REFERENCES:

1. DODD 5240.1 DoD Intelligence Activities
2. EO 12333 U.S. Intelligence Activities (As Amended)
3. NSA/CSS Policy 1-58
4. USSID DA3655 Computer Network Exploitation
5. USSID DA3857
6. USSID SG5000

2611-EXPL-2001: Exploit networks of interest in the cyber domain

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 3 months

DESCRIPTION: The Digital Network Technician will apply equipment, tools, and techniques against targeted networks in order to collect and convert data into usable information. Additionally, equipment, tools, and techniques will be used to refine collection against targeted networks. The Analyst may be required to coordinate with external agencies to complete this task.

MOS PERFORMING: 2611

GRADES: LCPL, CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: With the aid of references, given mission tasking, currently fielded SIGINT/EW equipment, database access, CNE tools, and collected data.

STANDARD: To satisfy Information Requirements within a time limit established by the commander.

PERFORMANCE STEPS:

1. Review mission tasking.
2. Apply legal considerations.
3. Select equipment.
4. Select tools/techniques.
5. Safeguard tools/techniques.
6. Exploit the target environment.
7. Develop/execute operational collection plan.

REFERENCES:

1. DODD 5240.1 DoD Intelligence Activities
2. EO 12333 U.S. Intelligence Activities (As Amended)
3. MCWP 2-22 Signals Intelligence
4. NSA/CSS Policy 1-58
5. USSID DA3655 Computer Network Exploitation
6. USSID DA3857
7. USSID SG5000

2611-PROD-2001: Produce technical information

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

DESCRIPTION: The Digital Network Technician will produce Digital Network Intelligence information to support follow-on standard and non-standard reporting. Additionally, this information will support follow-on collection tasks and target nomination. The Marine may be required to coordinate with external agencies to complete this task.

MOS PERFORMING: 2611

GRADES: LCPL, CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: With the aid of references, given mission tasking, database access, and collected data.

STANDARD: To satisfy information requirements, within a time limit established by the commander.

PERFORMANCE STEPS:

1. Review mission tasking.
2. Apply legal considerations.
3. Compile relevant data.
4. Prepare technical information.
5. Disseminate as required.

REFERENCES :

1. Local Standing Operating Procedures
 2. USSID CR1400
 3. USSID CR1500
 4. USSID SP0009
 5. USSID SP0018
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SIGINT T&R MANUAL

CHAPTER 7

MOS 2621 INDIVIDUAL EVENTS

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SIGINT T&R MANUAL

CHAPTER 7

MOS 2621 INDIVIDUAL EVENTS

7000. PURPOSE. This chapter details the individual events that pertain to Special Communications Systems Collection Operator/Analysts. Each individual event provides an event title, along with the conditions events will be performed under, and the standard to which the event must be performed to be successful.

7001. EVENT CODING. Events in this T&R Manual are depicted with an up to 12-character, 3-field alphanumeric system, i.e. XXXX-XXXX-XXXX. This chapter utilizes the following methodology

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

<u>Code</u>	<u>Description</u>
2600	Basic SIGINT/Ground EW Operator
2621	Special Communications Systems Collection Operator/Analyst

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

<u>Code</u>	<u>Description</u>
ANYS	Analysis
COLL	Collection
COMM	Communication
GENI	General Intelligence
PROC	Processing
PROD	Production
SCTY	Security
TRGT	Targeting

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>
1000	Core Skills
2000	Core Plus Skills

7002. INDEX OF INDIVIDUAL EVENTS

<u>EVENT CODE</u>	<u>EVENT</u>	<u>PAGE</u>
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2600-COLL-1001	Conduct Basic Computer Operations	7-3
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2600-SCTY-1001	Apply Security Procedures	7-7
2600-TRGT-1001	Conduct Electronic Attack	7-8
2621-ANYS-1001	Conduct network analysis	7-9
2621-COLL-1001	Collect signals in the Electromagnetic Spectrum	7-9
2621-PROC-1001	Conduct basic signals processing	7-10
2000-LEVEL		
2600-PLAN-2001	Conduct Power Usage Assessment	7-11
2600-PLAN-2002	Conduct Precise Geolocation	7-12
2600-PROD-2001	Produce Non-Standard Reports	7-12
2600-PROD-2002	Conduct intelligence briefs	7-13
2600-SCTY-2001	Prepare an Emergency Action Plan (EAP)	7-14
2600-SCTY-2002	Establish a Tactical Sensitive Compartmented Information Facility (TSCIF)	7-14
2600-SCTY-2003	Construct a Field Expedient Antenna (FEA)	7-15
2621-ANYS-2001	Conduct nodal analysis	7-16
2621-ANYS-2002	Conduct signals development	7-17

7003. 1000-LEVEL EVENTS**2600-COLL-1001:** Conduct Basic Computer Operations**EVALUATION-CODED:** NO **SUSTAINMENT INTERVAL:** 12 months**DESCRIPTION:** This is a collective of basic computer tasks that an individual must be able to perform.**GRADES:** PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT**INITIAL TRAINING SETTING:** FORMAL**CONDITION:** With the aid of references, given a mission order to facilitate the conduct of SIGINT operations.**STANDARD:** To properly set up and operate a computer on a network, within a time limit established by the Commander.**PERFORMANCE STEPS:**

1. Utilize computer components.
2. Utilize computer peripherals.
3. Utilize computer software.
4. Utilize productivity applications.
5. Describe network fundamentals.
6. Describe classified and unclassified networks.

REFERENCES:

1. ISBN 978-0-735-61543-4 Windows XP Professional Academic Learning Series
 2. ISBN 978-0-735-62667-6 Windows 7 Step by Step
 3. Microsoft Office Excel 2010
 4. Microsoft Office Outlook 2010
 5. Microsoft Office PowerPoint 2010
 6. Microsoft Office Word 2010
 7. Windows 7 Product Guide
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2600-COLL-1002: Conduct Electronic Warfare Support

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 3 months

DESCRIPTION: The individual will be able to conduct electronic warfare support to provide Indications and Warning (I&W) to the Marine Air Ground Task Force (MAGTF).

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: With the aid of references, mission tasking, currently fielded SIGINT/EW equipment, and a target environment.

STANDARD: To identify and locate enemy emitters within a time limit established by the Commander.

PERFORMANCE STEPS:

1. Review mission tasking.
2. Isolate signals of interest.
3. Determine emitter location, as required.
4. Provide I&W.

REFERENCES:

1. ISBN 978-0-87259-677-1 The ARRL Handbook for Radio Communications, 2012 Edition
 2. ISBN 978-0-87259-694-8 ARRL Antenna Book, 22nd Edition
 3. Local SOP Local Standard Operating Procedures
 4. MCRP 3-40.3B Radio Operator's Handbook
 5. MCWP 2-22 Signals Intelligence
 6. MCWP 3-40.5 Electronic Warfare
-

2600-COMM-1001: Operate Tactical Radios

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 3 months

DESCRIPTION: The individual will be able to establish secure tactical voice and data communications with currently fielded tactical radios to support a SIGINT mission.

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: With the aid of references, currently fielded tactical radios, CEOI, cryptographic, and ancillary equipment.

STANDARD: To establish secure tactical communications within a time limit established by the Commander.

PERFORMANCE STEPS:

1. Apply RF theory.
2. Inventory tactical radio components.
3. Set up tactical radio.
4. Establish communications.
5. Utilize cryptographic equipment to issue, as required.
6. Utilize cryptographic equipment to transfer, as required.
7. Utilize cryptographic equipment to receive, as required.
8. Utilize cryptographic equipment to clone, as required.

REFERENCES:

1. CJCSM 6231.04B Manual For Employing Tactical Communications
2. EKMS-1 (series) EKMS Policy and Procedures for Navy EKMS Tiers 2 & 3
3. ISBN 978-0-87259-677-1 The ARRL Handbook for Radio Communications, 2012 Edition
4. ISBN 978-0-87259-694-8 ARRL Antenna Book, 22nd Edition
5. MCRP 3-40.3B Radio Operator's Handbook
6. Local Standing Operating Procedures

2600-COMM-1002: Employ Antennas

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 3 months

DESCRIPTION: The individual will be able to employ both Field Expedient Antennas (FEAs) and manufactured antennas for the conduct of a Signals Intelligence mission.

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: With the aid of references, given an antenna or antenna components, and a transceiver.

STANDARD: To transmit or receive a signal, within a time limit established by the Commander.

PERFORMANCE STEPS:

1. Identify antenna characteristics based on antenna theory.
2. Identify operational constraints associated with FEAs and SL-3 antennas.
3. Identify environmental constraints associated with FEAs and SL-3 antennas.
4. Determine appropriate antennas to utilize based upon characteristics and

- capabilities of antenna.
5. Employ antenna.

REFERENCES:

1. ISBN 978-0-87259-677-1 The ARRL Handbook for Radio Communications, 2012 Edition
 2. ISBN 978-0-87259-694-8 ARRL Antenna Book, 22nd Edition
 3. Local Standard Operating Procedures
 4. MCRP 3-40.3B Radio Operator's Handbook
 5. MCRP 3-40.3C Field Antenna Handbook
 6. NAVEDTRA 10250 Principles of Radio Wave Transmission
 7. NAVEDTRA 172-10-00-83 Module 10 Introduction to Wave Propagation, Transmission Lines and Antennas
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2600-GENI-1001: Demonstrate a basic understanding of the Intelligence Cycle

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: Demonstrate knowledge of the basic functions and responsibilities of the Intelligence Community, and how it applies to the Intelligence Cycle.

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: With the aid of references and given mission tasking.

STANDARD: To recognize roles and responsibilities of members of the intelligence community, within a time limit established by the Commander.

PERFORMANCE STEPS:

1. Review mission tasking.
2. Identify members of the IC.
3. Identify IC functions.
4. Define the intelligence oversight program.
5. Describe the intelligence cycle.
6. Describe the IC relationships with Foreign Partners.
7. Define intelligence support to the warfighting functions.

REFERENCES:

1. MCWP 2-1 Intelligence Operations
 2. MCWP 2-22 Signals Intelligence
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2600-PROD-1001: Recognize Reportable Information

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: The individual will review raw or evaluated and minimized information and compare it to Intelligence Requirements (IR) to recognize

reportable information.

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given IRs, and raw or evaluated and minimized traffic (intelligence requirements).

STANDARD: To satisfy IRs in the time allotted by the Commander.

PERFORMANCE STEPS:

1. Review IRs.
2. Review raw or evaluated and minimized traffic.
3. Identify EEIs.
4. Notify appropriate entities.

REFERENCES:

1. MCWP 2-1 Intelligence Operations
2. MCWP 2-22 Signals Intelligence
3. USSID CR1231
4. USSID CR1283
5. USSID CR1284
6. USSID CR1400
7. USSID CR1500
8. USSID CR1501
9. USSID CR1601, CR1610, CR1611

2600-SCTY-1001: Apply Security Procedures

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: The individual will ensure that classified material (to include EKMS) and information is properly safeguarded and its distribution is limited to authorized personnel and communications channels. Classified and sensitive material must be properly marked, stored and protected.

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: With the aid of references, given classified material, and information.

STANDARD: To prevent security violations and compromises.

PERFORMANCE STEPS:

1. Mark all material with proper classification, as directed.
2. Store classified material.
3. Account for all classified material, as required.
4. Courier classified material, as required.
5. Destroy classified material, as required.

6. Utilize classified material.
7. Sanitize work spaces, as required.
8. Apply OPSEC measures.
9. Apply INFOSEC measures.
10. Apply COMPUSEC measures.

REFERENCES:

1. DODD 5105.21-M-1 Sensitive Compartmented Information (SCI) Security Manual, Administrative Security
 2. ICD 705 Sensitive Compartmented Information Facilities
 3. ICD 705 Technical Specifications Version 1.2
 4. ICS 705-1 Physical and Technical Standards for Sensitive Compartmented Information Facilities
 5. ICS 705-2 Standards for the Accreditation and Reciprocal Use of Sensitive Compartmented Information Facilities
 6. Local Standard Operating Procedures
 7. SECNAVINST 5510.30B Department of the Navy Personnel Security Program
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2600-TRGT-1001: Conduct Electronic Attack

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: Individual will conduct electronic attack against selected targets.

BILLETS: Electronic Attack Team Member

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: With the aid of references, given mission tasking, an electronic attack system, threat signal, and a communication system.

STANDARD: To degrade or disrupt target signals, within a time limit established by the commander, and in accordance with the references.

PERFORMANCE STEPS:

1. Review mission tasking.
2. Select equipment.
3. Operate Electronic Attack equipment.
4. Evaluate effectiveness
5. Provide jamming report.

REFERENCES:

1. ISBN 978-0-87259-677-1 The ARRL Handbook for Radio Communications, 2012 Edition
2. ISBN 978-0-87259-694-8 ARRL Antenna Book, 22nd Edition
3. JP 2-01.1 Joint Tactics, Techniques, and Procedures for Intelligence Support to Targeting
4. JP 3-13.1 Electronic Warfare
5. JP 3-60 Joint Targeting

6. MCRP 3-16.1A Tactics, Techniques and Procedures for Field Artillery Target Acquisition
 7. MCRP 3-16B The Joint Targeting Process and Procedures for Targeting Time-Critical Targets
 8. MCRP 3-40.3B Radio Operator's Handbook
 9. MCWP 3-40.5 Electronic Warfare
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2621-ANYS-1001: Conduct network analysis

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

DESCRIPTION: The Signals Analyst/Operator will conduct triage-level analysis on target metadata to satisfy intelligence requirements.

MOS PERFORMING: 2621

GRADES: PVT, PFC, LCPL, CPL, SGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: With the aid of references, given mission tasking, access to databases, and a currently fielded analysis and reporting system.

STANDARD: To determine the structure and organization of targeted systems, within a time limit established by the commander.

PERFORMANCE STEPS:

1. Review mission tasking.
2. Access database(s), as required.
3. Process national and theater level data.
4. Perform metadata analysis.
5. Identify network infrastructure(s).
6. Assist in the development of SIGINT products.

REFERENCES:

1. ISBN 978-0979387340 Newton's Telecom Dictionary: Telecommunications, Networking, Information Technologies, The Internet, Wired, Wireless, Satellites and Fiber
 2. MCWP 2-1 Intelligence Operations
 3. MCWP 2-22 Signals Intelligence
 4. MCWP 2-3 MAGTF Intelligence Production and Analysis
 5. MCWP 2-4 Marine Air-Ground Task Force Intelligence Dissemination
 6. MCWP 3-40.5 Electronic Warfare
 7. MCWP 5-1 Marine Corps Planning Process
 8. SECNAVINST 5510.34A Disclosure of Classified Military Information and Controlled Unclassified Information to Foreign Governments, International Organizations, and Foreign Representatives
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2621-COLL-1001: Collect signals in the Electromagnetic Spectrum

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 3 months

DESCRIPTION: The Communications Signals Collector will characterize the spectrum, identify signals of interest and associate various signal characteristics to successfully exploit communication emitters.

MOS PERFORMING: 2621

GRADES: PVT, PFC, LCPL, CPL, SGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: With the aid of references, given mission tasking, currently fielded SIGINT/EW equipment, and a target environment.

STANDARD: To identify signals of interest for further exploitation, within a time limit established by the commander.

PERFORMANCE STEPS:

1. Review mission tasking.
2. Select equipment.
3. Execute spectrum survey.
4. Determine center frequency.
5. Determine bandwidth.
6. Determine modulation.
7. Determine transmission modes.
8. Determine baud rate.

REFERENCES:

1. EA-100 Basic SIGINT Technology
2. EA-269 Signals Search and Analysis Training Course
3. ISBN 978-0-87259-677-1 The ARRL Handbook for Radio Communications, 2012 Edition
4. ISBN 978-0-87259-694-8 ARRL Antenna Book, 22nd Edition
5. ISBN 978-0979387340 Newton's Telecom Dictionary: Telecommunications, Networking, Information Technologies, The Internet, Wired, Wireless, Satellites and Fiber
6. NSGT Series Radio Wave Modulation and Signal Multiplexing
7. RASIN Manual

2621-PROC-1001: Conduct basic signals processing

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 3 months

DESCRIPTION: The Signals Analyst will conduct basic processing of intercepted signals from a raw signal to useable information.

MOS PERFORMING: 2621

GRADES: PVT, PFC, LCPL, CPL, SGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: With the aid of references, given mission tasking, currently fielded SIGINT/EW equipment, and a collected signal of interest.

STANDARD: To produce useable information, in a timeframe dictated by the operational environment.

PERFORMANCE STEPS:

1. Review mission tasking.
2. Select equipment.
3. Apply techniques to create usable format.
4. Apply legal considerations.
5. Apply principles of Information Assurance.
6. Generate report, as required.
7. Store, as required.
8. Forward, as required.

REFERENCES:

1. DoDD 8570.01M Information Assurance Workforce Improvement Program Incorporating Change 2, April 20, 2010
 2. MCDP 1-0 Marine Corps Operations, Sep 2001
 3. MCWP 2-1 Intelligence Operations
 4. MCWP 2-22 Signals Intelligence
 5. SECNAVINST 5239.3B Department of the Navy Information Assurance Policy
 6. United States Signals Intelligence Directives
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7004. 2000-LEVEL EVENTS

2600-PLAN-2001: Conduct Power Usage Assessment

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

GRADES: CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: With the aid of reference, given mission tasking, and working in a fixed or mobile site.

STANDARD: To determine utility requirements to ensure continuity of operations.

PERFORMANCE STEPS:

1. Differentiate between ohms/volts/amps.
2. Calculate usage in amps.
3. Establish power usage threshold (high/low).
4. Employ uninterruptable power supply (UPS) resources.
5. Establish disaster recovery plan.
6. Calculate heat output in British Thermal Units (BTU).
7. Establish equipment cooling strategy.
8. Implement proper grounding procedures.

REFERENCES:

1. FM 5-424 Theater of Operations Electrical Systems (Jun 97)
 2. TM 12359A-OD/B Principal Technical Characteristics of Expeditionary Power Systems Equipment
 3. US Army Power Manpack Radio 12_08_09
 4. MCWP 3-17.K Theater of Operations Electrical Systems (CH 3, 6, 8, 10, 13)
 5. MCWP 3-17.7 General Engineering (CH 14)
 6. Local Standing Operating Procedures
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2600-PLAN-2002: Conduct Precise Geolocation

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

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: With the aid of reference, given mission tasking, fielded equipment and a target environment.

STANDARD: To locate a signal of interest within time limits and constraints established by the Commander.

PERFORMANCE STEPS:

1. Review mission tasking.
2. Apply legal considerations.
3. Apply technical considerations.
4. Identify operational constraints.
5. Identify environmental constraints.
6. Deconflict operations.
7. Employ equipment.
8. Conduct post-mission analysis.
9. Disseminate mission results.

REFERENCES:

1. ISBN 978-0-87259-677-1 The ARRL Handbook for Radio Communications, 2012 Edition
 2. ISBN 978-0-87259-694-8 ARRL Antenna Book, 22nd Edition
 3. ISBN 978-0979387340 Newton's Telecom Dictionary: Telecommunications, Networking, Information Technologies, The Internet, Wired, Wireless, Satellites and Fiber
 4. Local Standing Operating Procedures
 5. USSID DA3857
-

2600-PROD-2001: Produce Non-Standard Reports

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

DESCRIPTION: Individual will utilize SIGINT information to produce a non-standard SIGINT report.

GRADES: LCPL, CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: With the aid of references, given SIGINT data and information, production equipment.

STANDARD: To satisfy intelligence requirements, within a time limit established by the commander.

PERFORMANCE STEPS:

1. Review mission tasking.
2. Identify intelligence requirements.
3. Review SIGINT data and information.
4. Produce non-standard SIGINT report.

REFERENCES:

1. DCGS
 2. Doctrine Organization Training Materiel Leadership Personnel Facilities
 3. Local Standard Operating Procedures
 4. MCWP 2-22 Signals Intelligence
 5. MCWP 3-40.5 Electronic Warfare
 6. Standard Electronic Intelligence Data Systems Codes and Formats Manual
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2600-PROD-2002: Conduct intelligence briefs

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: Individual must gather information and intelligence to brief an audience.

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: With the aid of references, given mission tasking, and briefing materials.

STANDARD: To convey the information within a time limit established by the Commander.

PERFORMANCE STEPS:

1. Review mission tasking.
2. Gather information resources.
3. Analyze data.
4. Prepare brief.
5. Deliver brief.
6. Field questions.

REFERENCES:

1. Local Standard Operating Procedures
2. MCWP 2-22 Signals Intelligence

2600-SCTY-2001: Prepare an Emergency Action Plan (EAP)

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: Each accredited SCIF or secure area must establish an Emergency Action Plan (EAP) to be approved by the G-2/S-2 or SSO as appropriate.

GRADES: CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: With the aid references, a secure working environment and classified material.

STANDARD: To safeguard classified material in the event of an emergency, within a time limit established by the Commander.

PERFORMANCE STEPS:

1. Create sequence of events.
2. Submit to proper authorities for approval.
3. Conduct rehearsal.

REFERENCES:

1. DODD 5105.21-M-1 Sensitive Compartmented Information (SCI) Security Manual, Administrative Security
 2. ICD 705 Sensitive Compartmented Information Facilities
 3. ICD 705 Technical Specifications Version 1.2
 4. ICS 705-1 Physical and Technical Standards for Sensitive Compartmented Information Facilities
 5. ICS 705-2 Standards for the Accreditation and Reciprocal Use of Sensitive Compartmented Information Facilities
 6. SECNAVINST 5510.30B Department of the Navy Personnel Security Program
 7. Local Standing Operating Procedures
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2600-SCTY-2002: Establish a Tactical Sensitive Compartmented Information Facility (TSCIF)

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: TSCIFs are established to conduct TS/SCI operations.

GRADES: CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: With the aid of references and given mission tasking.

STANDARD: To support mission requirements, in the time allotted by the commander.

PERFORMANCE STEPS:

1. Review TSCIF requirements.

2. Obtain site location from advance party personnel, as required.
3. Request to establish a TSCIF.
4. Establish physical security requirements.
5. Send TSCIF activation notification.
6. Prepare an Emergency Destruction Plan (EDP).
7. Brief TSCIF personnel on security matters.
8. Maintain TSCIF access roster.
9. Conduct final TSCIF inspection.
10. Send TSCIF deactivation notification.

REFERENCES:

1. DODD 5200.1 DOD Information Security Program
 2. DODD TS-5105.21-M-2 Sensitive Compartmented Information (SCI) Security Manual, Communications Intelligence (COMINT) Policy
 3. ICD 705 Sensitive Compartmented Information Facilities
 4. ICD 705 Technical Specifications Version 1.2
 5. ICS 705-1 Physical and Technical Standards for Sensitive Compartmented Information Facilities
 6. ICS 705-2 Standards for the Accreditation and Reciprocal Use of Sensitive Compartmented Information Facilities
 7. SECNAVINST 5510.30B Department of the Navy Personnel Security Program
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2600-SCTY-2003: Construct a Field Expedient Antenna (FEA)

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

DESCRIPTION: SIGINT operators will be able to construct field expedient antennas.

GRADES: CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: With the aid of references, given mission tasking, antenna equipment, and currently fielded communications equipment and/or collection equipment.

STANDARD: To satisfy transmit and/or receive requirements, in the time allotted by the commander.

PERFORMANCE STEPS:

1. Review mission tasking.
2. Identify antenna characteristics based on antenna theory.
3. Identify operational constraints.
4. Identify environmental constraints.
5. Determine the appropriate FEA.
6. Construct antenna.
7. Establish communications, as required.
8. Establish collections, as required.

REFERENCES:

1. ISBN 978-0-87259-677-1 The ARRL Handbook for Radio Communications, 2012

Edition

2. ISBN 978-0-87259-694-8 ARRL Antenna Book, 22nd Edition
3. Local Standard Operating Procedures
4. MCRP 3-40.3B Radio Operator's Handbook
5. NAVEDTRA 10250 Principles of Radio Wave Transmission
6. NAVEDTRA 172-10-00-83 Module 10 Introduction to Wave Propagation, Transmission Lines and Antennas

2621-ANYS-2001: Conduct nodal analysis

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

DESCRIPTION: The individual must evaluate the communications network of a target in-depth to identify critical nodes.

MOS PERFORMING: 2621

GRADES: CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: With the aid of references, given mission tasking, traffic and reporting, and a currently fielded analysis and reporting system.

STANDARD: To determine critical nodes for further exploitation, within a time limit established by the commander.

PERFORMANCE STEPS:

1. Review mission tasking.
2. Identify the various nodes.
3. Determine critical nodes.
4. Prioritize critical nodes.
5. Recommend priority for tasking.
6. Recommend for IO effects, as required.
7. Recommend for EW effects, as required.
8. Recommend for targeting, as required.
9. Recommend for cyber exploitation, as required.
10. Generate reporting, as required.

REFERENCES:

1. ISBN 978-0979387340 Newton's Telecom Dictionary: Telecommunications, Networking, Information Technologies, The Internet, Wired, Wireless, Satellites and Fiber
2. MCRP 2-3A Intelligence Preparation of the Battlefield/Battlespace
3. MCWP 2-22 Signals Intelligence
4. MCWP 2-3 MAGTF Intelligence Production and Analysis
5. United States Signals Intelligence Directives

2621-ANYS-2002: Conduct signals development

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 3 months

DESCRIPTION: The Signals Analyst will conduct intermediate and advanced processing of raw, unidentified signals to evaluate for further exploitation and intelligence value. Additionally, the Signals Analyst will conduct limited computer programming.

MOS PERFORMING: 2621

GRADES: CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: With the aid of references, given mission tasking, access to databases, SIGINT/EW collections equipment, a target environment, and a TCAC.

STANDARD: To determine the intelligence value of unidentified signals for further exploitation, within a time established by the commander.

PERFORMANCE STEPS:

1. Review mission tasking.
2. Select and configure equipment.
3. Apply legal considerations.
4. Conduct bit stream analysis.
5. Determine modulation.
6. Determine signaling.
7. Determine multiplexing schemes.
8. Conduct network protocol analysis.
9. Nominate for tasking priority.
10. Generate reports.
11. Assist in the development of SIGINT products.

REFERENCES:

1. Local Standard Operating Procedures
 2. MCWP 2-22 Signals Intelligence
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CHAPTER 8

MOS 2629 INDIVIDUAL EVENTS

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CHAPTER 8

MOS 2629 INDIVIDUAL EVENTS

8000. PURPOSE. This chapter details the individual events that pertain to Signals Intelligence Analyst. Each individual event provides an event title, along with the conditions events will be performed under, and the standard to which the event must be performed to be successful.

8001. 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>
2629	SIGINT Analyst

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

<u>Code</u>	<u>Description</u>
ANYS	Analysis
DISS	Dissemination
PLAN	Planning
PROD	Production

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>
2000	Core Plus Skills

8002. INDEX OF INDIVIDUAL EVENTS

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8003. 2000-LEVEL EVENTS

2629-ANYS-2001: Manipulate intelligence databases

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

DESCRIPTION: The individual will utilize and/or maintain all applicable intelligence databases. Additionally, the individual will archive, retrieve and compile appropriate data.

MOS PERFORMING: 2629

GRADES: CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: With the aid of references, given mission tasking, a currently fielded analysis and reporting system, and database access.

STANDARD: To satisfy intelligence requirements within a time limit established by the Commander.

PERFORMANCE STEPS:

1. Review mission tasking.
2. Apply legal considerations.
3. Access applicable database(s).
4. Compile applicable data.
5. Create organic databases.
6. Maintain organic databases.
7. Populate databases.

REFERENCES:

1. DoDI 3305.09 DoD Cryptologic Training
2. ISBN 978-0979387340 Newton's Telecom Dictionary: Telecommunications, Networking, Information Technologies, The Internet, Wired, Wireless, Satellites and Fiber
3. Technical Control and Analysis Center Description Document
4. NSA/CSS Policy 1-23 Procedures Governing NSA/CSS Activities That Affect U.S. Persons
5. SID Management Directive 421
6. USSID CR1610

2629-ANYS-2002: Conduct SIGINT analysis

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

DESCRIPTION: The SIGINT Analyst will evaluate collected information, other reporting, and intelligence products in order to answer intelligence requirements from Phase 0 to Phase 5.

MOS PERFORMING: 2629

GRADES: CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: With the aid of references, given mission tasking, intelligence, information, database access and a currently fielded analysis and reporting system.

STANDARD: To satisfy intelligence requirements within a time limit established by the Commander.

PERFORMANCE STEPS:

1. Review mission tasking.
2. Apply legal considerations.
3. Access database(s) as required.
4. Review collected data/reporting.
5. Identify relevant information.
6. Conduct traffic analysis.
7. Conduct network analysis.
8. Correlate collected SIGINT (ELINT, FISINT and COMINT) with collateral data.
9. Create SIGINT analysis product(s) as required.

REFERENCES:

1. FM 34-1 Intelligence and Electronic Warfare Operations
2. JP 2-01.1 Joint Tactics, Techniques, and Procedures for Intelligence Support to Targeting
3. JP 3-60 Joint Targeting
4. MCRP 3-16A Tactics, Techniques, and Procedures for the Targeting Process
5. MCWP 3-40.5 Electronic Warfare
6. TRAF-2101 Basic Communications Analysis
7. USSID CR1400 (SMGT-2002, 2005, 2006)
8. USSID CR1500 (SMGT-2002, 2005, 2006)
9. USSID SP0009
10. USSID SP0018
11. USSIDS United States Signals Intelligence Directives

2629-DISS-2001: Disseminate SIGINT to authorized consumers

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

DESCRIPTION: The SIGINT Analyst will disseminate SIGINT utilizing appropriate, available, and authorized distribution media and reporting mechanisms to authorized consumers ensuring reporting time limits are met as required.

MOS PERFORMING: 2629

GRADES: CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: With the aid of references, given mission tasking, a SIGINT product, available and authorized communication media, and a currently fielded analysis and reporting system.

STANDARD: To satisfy intelligence requirements within a time limit established by directives.

PERFORMANCE STEPS:

1. Review mission tasking.
2. Apply legal considerations.
3. Review SIGINT product.
4. Determine dissemination medium.
5. Coordinate with external releasing authorities as required.
6. Sanitize products as authorized.

REFERENCES:

1. MCWP 2-1 Intelligence Operations
 2. MCWP 2-3 MAGTF Intelligence Production and Analysis
 3. MCWP 2-4 Marine Air-Ground Task Force Intelligence Dissemination
 4. MCWP 5-1 Marine Corps Planning Process
 5. SECNAVINST 5510.34A Disclosure of Classified Military Information and Controlled Unclassified Information to Foreign Governments, International Organizations, and Foreign Representatives
 6. USSID CR1400 (SMGT-2002, 2005, 2006)
 7. USSID CR1500 (SMGT-2002, 2005, 2006)
 8. USSID CR1501 (SMGT-2002)
 9. USSIDS United States Signals Intelligence Directives
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2629-PLAN-2001: Provide input to the collection plan

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: The SIGINT Analyst will assist the collection management effort to satisfy intelligence requirements.

MOS PERFORMING: 2629

GRADES: CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: With the aid of references, given mission tasking, a currently fielded analysis and reporting system.

STANDARD: To satisfy intelligence requirements within a time limit established by the Commander.

PERFORMANCE STEPS:

1. Review mission tasking.
2. Apply legal considerations.
3. Define the environment.
4. Identify collection gaps.

5. Recommend adjustments as required.

REFERENCES:

1. JP 1-02 DOD Dictionary of Military and Associated Terms
2. JP 2-01 Joint and National Intelligence Support to Military Operations
3. Local Standard Operating Procedures
4. MCWP 2-1 Intelligence Operations
5. MCWP 2-2 MAGTF Intelligence Collection
6. MCWP 2-22 Signals Intelligence
7. MCWP 2-3 MAGTF Intelligence Production and Analysis
8. National Intelligence Priorities Framework (NIPF)
9. Technical Control and Analysis Center Description Document

2629-PROD-2001: Provide Signals Intelligence input to the operational environment

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: The SIGINT Analyst will consolidate intelligence information in order to construct SIGINT input to IPB and/or JIPOE as applicable per mission and operational variables.

MOS PERFORMING: 2629

GRADES: CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: With the aid of references, given mission tasking, SIGINT/EW equipment, data, database access, and analysis tools.

STANDARD: To satisfy Information Requirements within a time limit established by the commander.

PERFORMANCE STEPS:

1. Review mission tasking.
2. Apply legal considerations.
3. Gather data.
4. Analyze data.
5. Sanitize as required.
6. Disseminate products as required.

REFERENCES:

1. JP 2-01.3 Joint Intelligence Preparation of the Environment
2. JP 2-03 Geospatial Intelligence Support to Joint Operations
3. MCRP 2-3A Intelligence Preparation of the Battlefield/Battlespace
4. MCWP 2-26 Geographic Intelligence

2629-PROD-2002: Produce SIGINT reports

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

DESCRIPTION: The SIGINT Analyst will produce standard and non-standard SIGINT reports to satisfy intelligence requirements ensuring reporting time limits are met as required.

MOS PERFORMING: 2629

GRADES: CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: With the aid of references, given mission tasking, intelligence, information, database access and a currently fielded analysis, and reporting system.

STANDARD: To satisfy intelligence requirements within a time limit established by directives.

PERFORMANCE STEPS:

1. Review mission tasking.
2. Apply legal considerations.
3. Compile analyzed information.
4. Determine reporting mechanism.
5. Produce Time Sensitive SIGINT reports established by the governing USSID.
6. Produce non-standard reports, as required.
7. Produce other standard reports, per directives as required.

REFERENCES:

1. Local Standard Operating Procedures
 2. USSID CR1400 (SMGT-2002, 2005, 2006)
 3. USSID CR1500 (SMGT-2002, 2005, 2006)
 4. USSID CR1501 (SMGT-2002)
 5. USSID SP0009
 6. USSID SP0018
 7. USSIDS United States Signals Intelligence Directive
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SIGINT T&R MANUAL

CHAPTER 9

MOS 2631 INDIVIDUAL EVENTS

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SIGINT T&R MANUAL

CHAPTER 9

MOS 2631 INDIVIDUAL EVENTS

9000. PURPOSE. This chapter details the individual events that pertain to Electronic Intelligence Intercept Operator/Analysts. Each individual event provides an event title, along with the conditions events will be performed under, and the standard to which the event must be performed to be successful.

9001. 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>
2600	Basic SIGINT/Ground EW Operator
2631	ELINT Operator/Analyst

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

<u>Code</u>	<u>Description</u>
ANYS	Analysis
COLL	Collection
COMM	Communication
GENI	General Intelligence
PLAN	Planning
PROD	Production
SCTY	Security
TRGT	Targeting

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>
1000	Core Skills
2000	Core Plus Skills

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9003. 1000-LEVEL EVENTS**2600-COLL-1001:** Conduct Basic Computer Operations**EVALUATION-CODED:** NO**SUSTAINMENT INTERVAL:** 12 months**DESCRIPTION:** This is a collective of basic computer tasks that an individual must be able to perform.**GRADES:** PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT**INITIAL TRAINING SETTING:** FORMAL**CONDITION:** With the aid of references, given a mission order to facilitate the conduct of SIGINT operations.**STANDARD:** To properly set up and operate a computer on a network, within a time limit established by the Commander.**PERFORMANCE STEPS:**

1. Utilize computer components.
2. Utilize computer peripherals.
3. Utilize computer software.
4. Utilize productivity applications.
5. Describe network fundamentals.
6. Describe classified and unclassified networks.

REFERENCES:

1. ISBN 978-0-735-61543-4 Windows XP Professional Academic Learning Series
2. ISBN 978-0-735-62667-6 Windows 7 Step by Step
3. Microsoft Office Excel 2010
4. Microsoft Office Outlook 2010
5. Microsoft Office PowerPoint 2010
6. Microsoft Office Word 2010
7. Windows 7 Product Guide

2600-COLL-1002: Conduct Electronic Warfare Support

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 3 months

DESCRIPTION: The individual will be able to conduct electronic warfare support to provide Indications and Warning (I&W) to the Marine Air Ground Task Force (MAGTF).

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: With the aid of references, mission tasking, currently fielded SIGINT/EW equipment, and a target environment.

STANDARD: To identify and locate enemy emitters within a time limit established by the Commander.

PERFORMANCE STEPS:

1. Review mission tasking.
2. Isolate signals of interest.
3. Determine emitter location, as required.
4. Provide I&W.

REFERENCES:

1. ISBN 978-0-87259-677-1 The ARRL Handbook for Radio Communications, 2012 Edition
2. ISBN 978-0-87259-694-8 ARRL Antenna Book, 22nd Edition
3. Local Standard Operating Procedures
4. MCRP 3-40.3B Radio Operator's Handbook
5. MCWP 2-22 Signals Intelligence
6. MCWP 3-40.5 Electronic Warfare

2600-COMM-1001: Operate Tactical Radios

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 3 months

DESCRIPTION: The individual will be able to establish secure tactical voice and data communications with currently fielded tactical radios to support a SIGINT mission.

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: With the aid of references, currently fielded tactical radios, CEOI, cryptographic and ancillary equipment.

STANDARD: To establish secure tactical communications within a time limit established by the Commander.

PERFORMANCE STEPS:

1. Apply RF theory.
2. Inventory tactical radio components.
3. Set up tactical radio.
4. Establish communications.
5. Utilize cryptographic equipment to issue, as required.
6. Utilize cryptographic equipment to transfer, as required.
7. Utilize cryptographic equipment to receive, as required.
8. Utilize cryptographic equipment to clone, as required.

REFERENCES:

1. CJCSM 6231.04B Manual For Employing Tactical Communications
 2. EKMS-1 (series) EKMS Policy and Procedures for Navy EKMS Tiers 2 & 3
 3. ISBN 978-0-87259-677-1 The ARRL Handbook for Radio Communications, 2012 Edition
 4. ISBN 978-0-87259-694-8 ARRL Antenna Book, 22nd Edition
 5. MCRP 3-40.3B Radio Operator's Handbook
 6. Local Standing Operating Procedures
-

2600-COMM-1002: Employ Antennas

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 3 months

DESCRIPTION: The individual will be able to employ both Field Expedient Antennas (FEAs) and manufactured antennas for the conduct of a Signals Intelligence mission.

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: With the aid of references, given an antenna or antenna components, and a transceiver.

STANDARD: To transmit or receive a signal, within a time limit established by the Commander.

PERFORMANCE STEPS:

1. Identify antenna characteristics based on antenna theory.
2. Identify operational constraints associated with FEAs and SL-3 antennas.
3. Identify environmental constraints associated with FEAs and SL-3 antennas.

4. Determine appropriate antennas to utilize based upon characteristics and capabilities of antenna.
5. Employ antenna.

REFERENCES:

1. ISBN 978-0-87259-677-1 The ARRL Handbook for Radio Communications, 2012 Edition
 2. ISBN 978-0-87259-694-8 ARRL Antenna Book, 22nd Edition
 3. Local Standard Operating Procedures
 4. MCRP 3-40.3B Radio Operator's Handbook
 5. MCRP 3-40.3C Field Antenna Handbook
 6. NAVEDTRA 10250 Principles of Radio Wave Transmission
 7. NAVEDTRA 172-10-00-83 Module 10 Introduction to Wave Propagation, Transmission Lines and Antennas
-

2600-GENI-1001: Demonstrate a basic understanding of the Intelligence Cycle

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: Demonstrate knowledge of the basic functions and responsibilities of the Intelligence Community, and how it applies to the Intelligence Cycle.

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: With the aid of references and given mission tasking.

STANDARD: To recognize roles and responsibilities of members of the intelligence community, within a time limit established by the Commander.

PERFORMANCE STEPS:

1. Review mission tasking.
2. Identify members of the IC.
3. Identify IC functions.
4. Define the intelligence oversight program.
5. Describe the intelligence cycle.
6. Describe the IC relationships with Foreign Partners.
7. Define intelligence support to the warfighting functions.

REFERENCES:

1. MCWP 2-1 Intelligence Operations
 2. MCWP 2-22 Signals Intelligence
-

2600-PROD-1001: Recognize Reportable Information

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: The individual will review raw or evaluated and minimized information and compare it to Intelligence Requirements (IR) to recognize reportable information.

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given IRs, and raw or evaluated and minimized traffic (intelligence requirements).

STANDARD: To satisfy IRs in the time allotted by the Commander.

PERFORMANCE STEPS:

1. Review IRs.
2. Review raw or evaluated and minimized traffic.
3. Identify EEIs.
4. Notify appropriate entities.

REFERENCES:

1. MCWP 2-1 Intelligence Operations
2. MCWP 2-22 Signals Intelligence
3. USSID CR1231
4. USSID CR1283
5. USSID CR1284
6. USSID CR1400
7. USSID CR1500
8. USSID CR1501
9. USSID CR1601, CR1610, CR1611

2600-SCTY-1001: Apply Security Procedures

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: The individual will ensure that classified material (to include EKMS) and information is properly safeguarded and its distribution is limited to authorized personnel and communications channels. Classified and sensitive material must be properly marked, stored and protected.

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: With the aid of references, given classified material, and information.

STANDARD: To prevent security violations and compromises.

PERFORMANCE STEPS:

1. Mark all material with proper classification, as directed.
2. Store classified material.
3. Account for all classified material, as required.

4. Courier classified material, as required.
5. Destroy classified material, as required.
6. Utilize classified material.
7. Sanitize work spaces, as required.
8. Apply OPSEC measures.
9. Apply INFOSEC measures.
10. Apply COMPUSEC measures.

REFERENCES :

1. DODD 5105.21-M-1 Sensitive Compartmented Information (SCI) Security Manual, Administrative Security
 2. ICD 705 Sensitive Compartmented Information Facilities
 3. ICD 705 Technical Specifications Version 1.2
 4. ICS 705-1 Physical and Technical Standards for Sensitive Compartmented Information Facilities
 5. ICS 705-2 Standards for the Accreditation and Reciprocal Use of Sensitive Compartmented Information Facilities
 6. Local Standard Operating Procedures
 7. SECNAVINST 5510.30B Department of the Navy Personnel Security Program
-

2600-TRGT-1001: Conduct Electronic Attack

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: Individual will conduct electronic attack against selected targets.

BILLETS: Electronic Attack Team Member

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: With the aid of references, given mission tasking, an electronic attack system, threat signal, and a communication system.

STANDARD: To degrade or disrupt target signals, within a time limit established by the commander, and in accordance with the references.

PERFORMANCE STEPS:

1. Review mission tasking.
2. Select equipment.
3. Operate Electronic Attack equipment.
4. Evaluate effectiveness
5. Provide jamming report.

REFERENCES :

1. ISBN 978-0-87259-677-1 The ARRL Handbook for Radio Communications, 2012 Edition
2. ISBN 978-0-87259-694-8 ARRL Antenna Book, 22nd Edition
3. JP 2-01.1 Joint Tactics, Techniques, and Procedures for Intelligence Support to Targeting

4. JP 3-13.1 Electronic Warfare
5. JP 3-60 Joint Targeting
6. MCRP 3-16.1A Tactics, Techniques and Procedures for Field Artillery Target Acquisition
7. MCRP 3-16B The Joint Targeting Process and Procedures for Targeting Time-Critical Targets
8. MCRP 3-40.3B Radio Operator's Handbook
9. MCWP 3-40.5 Electronic Warfare

2631-ANYS-1001: Maintain the Electronic Order of Battle (EOB)

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

DESCRIPTION: Consolidate multiple source intelligence data with ELINT reporting to create and maintain situational awareness of emitter location, and update targeting and parametric data for an area of interest.

MOS PERFORMING: 2631

GRADES: PVT, PFC, LCPL, CPL, SGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given references, mission tasking, and multiple sources of ELINT data.

STANDARD: To support mission requirements, within a time limit established by the commander.

PERFORMANCE STEPS:

1. Review mission tasking.
2. Gather resources.
3. Utilize appropriate databases for emitter location.
4. Compile ELINT reporting.
5. Analyze ELINT data from reporting.
6. Correlate parametric data to platforms.
7. Correlate platforms to locations.
8. Create EOB.
9. Maintain and update EOB as required.

REFERENCES:

1. AFTTP 3-1 Air Force Tactics Techniques and Procedures
2. CIA World Factbook(s)
3. ELINT Parameters Limits List
4. IBUG
5. JANES All the Worlds Aircraft
6. JSF ORD
7. Gale Lite Users Guide
8. Radio Battalion Standard Operating Procedures
9. USSID AP2401
10. USSID AP2402
11. VMAQ Standard Operating Procedures

2631-ANYS-1002: Operate Integrated Broadcast Receiver (IBR)

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

DESCRIPTION: Marines will operate currently fielded IBRs to provide near real time data (NRTD) to support mission tasking.

MOS PERFORMING: 2631

GRADES: PVT, PFC, LCPL, CPL, SGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given mission tasking, a fielded IBR, references, and electronic keying material.

STANDARD: To receive information from the integrated broadcast within a time limit established by the Commander.

PERFORMANCE STEPS:

1. Review mission tasking.
2. Conduct operational checks.
3. Obtain broadcast settings.
4. Identify electronic keymat.
5. Load keymat.
6. Verify Technical Control and Analysis Center (TCAC) can communicate with the IBR.
7. Sign on to the broadcast(s).

REFERENCES:

1. EKMS-1 (series) EKMS Policy and Procedures for Navy EKMS Tiers 2 & 3
 2. IBUG
 3. Local Standard Operating Procedures
 4. TM Technical Manuals
-

2631-ANYS-1003: Process intelligence broadcast data

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

DESCRIPTION: Operate the currently fielded Tactical Data Processor (TDP) to graphically and parametrically display broadcast intelligence data to aid in satisfying mission requirements.

MOS PERFORMING: 2631

GRADES: PVT, PFC, LCPL, CPL, SGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given mission tasking, TCAC, currently fielded TDP, references, and an IBS feed.

STANDARD: To manipulate and display information for further analysis and exploitation within a time limit established by the Commander.

PERFORMANCE STEPS:

1. Review mission tasking.
2. Apply filters.
3. Conduct data query.
4. Manipulate information.
5. Display information.
6. Report Indications and Warning (I&W) information.

REFERENCES:

1. ELINT Parameters Limits List
 2. Local Standard Operating Procedures
 3. Gale Lite Users Guide
 4. TCAC Operators Guide
-

2631-ANYS-1004: Conduct network analysis

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

DESCRIPTION: The ELINT Analyst will analyze target metadata to satisfy intelligence requirements.

MOS PERFORMING: 2631

GRADES: PVT, PFC, LCPL, CPL, SGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given mission tasking, access to databases, references, and a TCAC.

STANDARD: To determine the structure and organization of targeted systems, within a time limit established by the Commander.

PERFORMANCE STEPS:

1. Review mission tasking.
2. Query database(s).
3. Process national/ theater level data.
4. Perform metadata analysis.
5. Identify network infrastructure(s).
6. Identify critical nodes.
7. Assist in the development SIGINT products.

REFERENCES:

1. AFTTP 3-1 Air Force Tactics Techniques and Procedures
2. MCWP 2-1 Intelligence Operations
3. MCWP 2-3 MAGTF Intelligence Production and Analysis
4. MCWP 2-4 Marine Air-Ground Task Force Intelligence Dissemination
5. MCWP 3-40.5 Electronic Warfare
6. MCWP 5-1 Marine Corps Planning Process

7. SECNAVINST 5510.34A Disclosure of Classified Military Information and Controlled Unclassified Information to Foreign Governments, International Organizations, and Foreign Representatives
-

9004. 2000-LEVEL EVENTS

2600-PLAN-2001: Conduct Power Usage Assessment

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

GRADES: CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: With the aid of reference, given mission tasking, and working in a fixed or mobile site.

STANDARD: To determine utility requirements to ensure continuity of operations.

PERFORMANCE STEPS:

1. Differentiate between ohms/volts/amps.
2. Calculate usage in amps.
3. Establish power usage threshold (high/low).
4. Employ uninterruptable power supply (UPS) resources.
5. Establish disaster recovery plan.
6. Calculate heat output in British Thermal Units (BTU).
7. Establish equipment cooling strategy.
8. Implement proper grounding procedures.

REFERENCES:

1. FM 5-424 Theater of Operations Electrical Systems (Jun 97)
 2. TM 12359A-OD/B Principal Technical Characteristics of Expeditionary Power Systems Equipment
 3. US Army Power Manpack Radio 12_08_09
 4. MCWP 3-17.K Theater of Operations Electrical Systems (CH 3, 6, 8, 10, 13)
 5. MCWP 3-17.7 General Engineering (CH 14)
 6. Local Standing Operating Procedures
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2600-PLAN-2002: Conduct Precise Geolocation

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

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: With the aid of reference, given mission tasking, fielded equipment, and a target environment.

STANDARD: To locate a signal of interest within time limits and constraints established by the Commander.

PERFORMANCE STEPS:

1. Review mission tasking.
2. Apply legal considerations.
3. Apply technical considerations.
4. Identify operational constraints.
5. Identify environmental constraints.
6. Deconflict operations.
7. Employ equipment.
8. Conduct post-mission analysis.
9. Disseminate mission results.

REFERENCES:

1. ISBN 978-0-87259-677-1 The ARRL Handbook for Radio Communications, 2012 Edition
 2. ISBN 978-0-87259-694-8 ARRL Antenna Book, 22nd Edition
 3. ISBN 978-0979387340 Newton's Telecom Dictionary: Telecommunications, Networking, Information Technologies, The Internet, Wired, Wireless, Satellites and Fiber
 4. Local Standing Operating Procedures
 5. USSID DA3857
-

2600-PROD-2001: Produce Non-Standard Reports

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

DESCRIPTION: Individual will utilize SIGINT information to produce a non-standard SIGINT report.

GRADES: LCPL, CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: With the aid of references, given SIGINT data, and information production equipment.

STANDARD: To satisfy intelligence requirements, within a time limit established by the commander.

PERFORMANCE STEPS:

1. Review mission tasking.
2. Identify intelligence requirements.
3. Review SIGINT data and information.
4. Produce non-standard SIGINT report.

REFERENCES:

1. DCGS
2. Doctrine Organization Training Materiel Leadership Personnel Facilities
3. Local Standard Operating Procedures
4. MCWP 2-22 Signals Intelligence

PERFORMANCE STEPS:

1. Create sequence of events.
2. Submit to proper authorities for approval.
3. Conduct rehearsal.

REFERENCES:

1. DODD 5105.21-M-1 Sensitive Compartmented Information (SCI) Security Manual, Administrative Security
 2. ICD 705 Sensitive Compartmented Information Facilities
 3. ICD 705 Technical Specifications Version 1.2
 4. ICS 705-1 Physical and Technical Standards for Sensitive Compartmented Information Facilities
 5. ICS 705-2 Standards for the Accreditation and Reciprocal Use of Sensitive Compartmented Information Facilities
 6. SECNAVINST 5510.30B Department of the Navy Personnel Security Program
 7. Local Standing Operating Procedures
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2600-SCTY-2002: Establish a Tactical Sensitive Compartmented Information Facility (TSCIF)

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: TSCIFs are established to conduct TS/SCI operations.

GRADES: CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: With the aid of references and given mission tasking.

STANDARD: To support mission requirements, in the time allotted by the commander.

PERFORMANCE STEPS:

1. Review TSCIF requirements.
2. Obtain site location from advance party personnel, as required.
3. Request to establish a TSCIF.
4. Establish physical security requirements.
5. Send TSCIF activation notification.
6. Prepare an Emergency Destruction Plan (EDP).
7. Brief TSCIF personnel on security matters.
8. Maintain TSCIF access roster.
9. Conduct final TSCIF inspection.
10. Send TSCIF deactivation notification.

REFERENCES:

1. DODD 5200.1 DOD Information Security Program
2. DODD TS-5105.21-M-2 Sensitive Compartmented Information (SCI) Security Manual, Communications Intelligence (COMINT) Policy
3. ICD 705 Sensitive Compartmented Information Facilities
4. ICD 705 Technical Specifications Version 1.2
5. ICS 705-1 Physical and Technical Standards for Sensitive Compartmented

Information Facilities

6. ICS 705-2 Standards for the Accreditation and Reciprocal Use of Sensitive Compartmented Information Facilities
 7. SECNAVINST 5510.30B Department of the Navy Personnel Security Program
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2600-SCTY-2003: Construct a Field Expedient Antenna (FEA)

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

DESCRIPTION: SIGINT operators will be able to construct field expedient antennas.

GRADES: CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: With the aid of references, given mission tasking, antenna equipment, and currently fielded communications equipment and/or collection equipment.

STANDARD: To satisfy transmit and/or receive requirements, in the time allotted by the commander.

PERFORMANCE STEPS:

1. Review mission tasking.
2. Identify antenna characteristics based on antenna theory.
3. Identify operational constraints.
4. Identify environmental constraints.
5. Determine the appropriate FEA.
6. Construct antenna.
7. Establish communications, as required.
8. Establish collections, as required.

REFERENCES:

1. ISBN 978-0-87259-677-1 The ARRL Handbook for Radio Communications, 2012 Edition
 2. ISBN 978-0-87259-694-8 ARRL Antenna Book, 22nd Edition
 3. Local Standard Operating Procedures
 4. MCRP 3-40.3B Radio Operator's Handbook
 5. NAVEDTRA 10250 Principles of Radio Wave Transmission
 6. NAVEDTRA 172-10-00-83 Module 10 Introduction to Wave Propagation, Transmission Lines and Antennas
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2631-ANYS-2001: Conduct Intermediate ELINT Analysis

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: The ELINT Analyst will correlate COMINT, IMINT, IRINT, HUMINT, PROFORMA, RADINT, RSBN and MASINT with ELINT.

MOS PERFORMING: 2631

GRADES: LCPL, CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given mission tasking, database access, an IBS feed, references, and a TCAC.

STANDARD: To correlate multiple intelligence disciplines with ELINT, within a time limit established by the Commander.

PERFORMANCE STEPS:

1. Review mission tasking.
2. Identify non-ELINT IBR data.
3. Perform research.
4. Correlate with ELINT.
5. Update EOB, as required.
6. Assist in the development of SIGINT products.

REFERENCES:

1. MCWP 2-22 Signals Intelligence
2. United States Signals Intelligence Directives

2631-GENI-2001: Conduct post-mission analysis

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: The individual will process raw information collected from SIGINT/EW platforms to produce intelligence. This will result in parametric and location data for emitters.

MOS PERFORMING: 2631

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: Given mission tasking, references, collected data and a TCAC.

STANDARD: To locate and identify emitters within a time limit established by the Commander.

PERFORMANCE STEPS:

1. Review mission tasking.
2. Debrief aircrew.
3. Load mission on TCAC.
4. Analyze raw data.
5. Utilize appropriate databases to aid in emitter location.
6. Correlate parametric data to emitter platforms.
7. Draft report, as required.
8. Develop graphical depiction of emitter location.

9. Disseminate as required.

REFERENCES:

1. ELINT Parameters Limits List
 2. MCWP 2-2 MAGTF Intelligence Collection
 3. MCWP 3-40.5 Electronic Warfare
 4. TCAC Operators Guide
 5. United States Signals Intelligence Directives
 6. VMAQ Standard Operating Procedures
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SIGINT T&R MANUAL

CHAPTER 10

MOS 2651 INDIVIDUAL EVENTS

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SIGINT T&R MANUAL

CHAPTER 10

MOS 2651 INDIVIDUAL EVENTS

10000. PURPOSE. This chapter details the individual events that pertain to Special Intelligence Systems Administrator/Communicators. Each individual event provides an event title, along with the conditions events will be performed under, and the standard to which the event must be performed to be successful.

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

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2651	Special Intelligence Systems Administrator/Communicator

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<u>Code</u>	<u>Description</u>
COLL	Collection
COMM	Communication
GENI	General Intelligence
NADM	Network Administration
PLAN	Planning
PROD	Production
SCTY	Security
SYSA	System Administration
TCOM	Tactical Communication
TRGT	Targeting

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

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2000	Core Plus Skills

10002. INDEX OF INDIVIDUAL EVENTS

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10003. 1000-LEVEL EVENTS**2600-COLL-1001:** Conduct Basic Computer Operations**EVALUATION-CODED:** NO**SUSTAINMENT INTERVAL:** 12 months**DESCRIPTION:** This is a collective of basic computer tasks that an individual

must be able to perform.

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: With the aid of references, given a mission order to facilitate the conduct of SIGINT operations.

STANDARD: To properly set up and operate a computer on a network, within a time limit established by the Commander.

PERFORMANCE STEPS:

1. Utilize computer components.
2. Utilize computer peripherals.
3. Utilize computer software.
4. Utilize productivity applications.
5. Describe network fundamentals.
6. Describe classified and unclassified networks.

REFERENCES:

1. ISBN 978-0-735-61543-4 Windows XP Professional Academic Learning Series
 2. ISBN 978-0-735-62667-6 Windows 7 Step by Step
 3. Microsoft Office Excel 2010
 4. Microsoft Office Outlook 2010
 5. Microsoft Office PowerPoint 2010
 6. Microsoft Office Word 2010
 7. Windows 7 Product Guide
-

2600-COLL-1002: Conduct Electronic Warfare Support

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 3 months

DESCRIPTION: The individual will be able to conduct electronic warfare support to provide Indications and Warning (I&W) to the Marine Air Ground Task Force (MAGTF).

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: With the aid of references, mission tasking, currently fielded SIGINT/EW equipment and a target environment.

STANDARD: To identify and locate enemy emitters within a time limit established by the Commander.

PERFORMANCE STEPS:

1. Review mission tasking.
2. Isolate signals of interest.
3. Determine emitter location, as required.
4. Provide I&W.

REFERENCES:

1. ISBN 978-0-87259-677-1 The ARRL Handbook for Radio Communications, 2012 Edition
 2. ISBN 978-0-87259-694-8 ARRL Antenna Book, 22nd Edition
 3. Local Standard Operating Procedures
 4. MCRP 3-40.3B Radio Operator's Handbook
 5. MCWP 2-22 Signals Intelligence
 6. MCWP 3-40.5 Electronic Warfare
-

2600-COMM-1001: Operate Tactical Radios

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 3 months

DESCRIPTION: The individual will be able to establish secure tactical voice and data communications with currently fielded tactical radios to support a SIGINT mission.

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: With the aid of references, currently fielded tactical radios, CEOI, cryptographic and ancillary equipment.

STANDARD: To establish secure tactical communications within a time limit established by the Commander.

PERFORMANCE STEPS:

1. Apply RF theory.
2. Inventory tactical radio components.
3. Set up tactical radio.
4. Establish communications.
5. Utilize cryptographic equipment to issue, as required.
6. Utilize cryptographic equipment to transfer, as required.
7. Utilize cryptographic equipment to receive, as required.
8. Utilize cryptographic equipment to clone, as required.

REFERENCES:

1. CJCSM 6231.04B Manual For Employing Tactical Communications
 2. EKMS-1 (series) EKMS Policy and Procedures for Navy EKMS Tiers 2 & 3
 3. ISBN 978-0-87259-677-1 The ARRL Handbook for Radio Communications, 2012 Edition
 4. ISBN 978-0-87259-694-8 ARRL Antenna Book, 22nd Edition
 5. MCRP 3-40.3B Radio Operator's Handbook
 6. Local Standing Operating Procedures
-

2600-COMM-1002: Employ Antennas

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 3 months

DESCRIPTION: The individual will be able to employ both Field Expedient Antennas (FEAs) and manufactured antennas for the conduct of a Signals Intelligence mission.

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: With the aid of references, given an antenna or antenna components and a transceiver.

STANDARD: To transmit or receive a signal, within a time limit established by the Commander.

PERFORMANCE STEPS:

1. Identify antenna characteristics based on antenna theory.
2. Identify operational constraints associated with FEAs and SL-3 antennas.
3. Identify environmental constraints associated with FEAs and SL-3 antennas.
4. Determine appropriate antennas to utilize based upon characteristics and capabilities of antenna.
5. Employ antenna.

REFERENCES:

1. ISBN 978-0-87259-677-1 The ARRL Handbook for Radio Communications, 2012 Edition
2. ISBN 978-0-87259-694-8 ARRL Antenna Book, 22nd Edition
3. Local Standard Operating Procedures
4. MCRP 3-40.3B Radio Operator's Handbook
5. MCRP 3-40.3C Field Antenna Handbook
6. NAVEDTRA 10250 Principles of Radio Wave Transmission
7. NAVEDTRA 172-10-00-83 Module 10 Introduction to Wave Propagation, Transmission Lines and Antennas

2600-GENI-1001: Demonstrate a basic understanding of the Intelligence Cycle

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: Demonstrate knowledge of the basic functions and responsibilities of the Intelligence Community, and how it applies to the Intelligence Cycle.

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: With the aid of references and given mission tasking.

STANDARD: To recognize roles and responsibilities of members of the intelligence community, within a time limit established by the Commander.

PERFORMANCE STEPS:

1. Review mission tasking.
2. Identify members of the IC.
3. Identify IC functions.
4. Define the intelligence oversight program.
5. Describe the intelligence cycle.
6. Describe the IC relationships with Foreign Partners.
7. Define intelligence support to the warfighting functions.

REFERENCES:

1. MCWP 2-1 Intelligence Operations
 2. MCWP 2-22 Signals Intelligence
-

2600-PROD-1001: Recognize Reportable Information

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: The individual will review raw or evaluated and minimized information and compare it to Intelligence Requirements (IR) to recognize reportable information.

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given IRs, and raw or evaluated and minimized traffic (intelligence requirements).

STANDARD: To satisfy IRs in the time allotted by the Commander.

PERFORMANCE STEPS:

1. Review IRs.
2. Review raw or evaluated and minimized traffic.
3. Identify EEIs.
4. Notify appropriate entities.

REFERENCES:

1. MCWP 2-1 Intelligence Operations
 2. MCWP 2-22 Signals Intelligence
 3. USSID CR1231
 4. USSID CR1283
 5. USSID CR1284
 6. USSID CR1400
 7. USSID CR1500
 8. USSID CR1501
 9. USSID CR1601, CR1610, CR1611
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2600-SCTY-1001: Apply Security Procedures

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: The individual will ensure that classified material (to include EKMS) and information is properly safeguarded and its distribution is limited to authorized personnel and communications channels. Classified and sensitive material must be properly marked, stored and protected.

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: With the aid of references, given classified material and information.

STANDARD: To prevent security violations and compromises.

PERFORMANCE STEPS:

1. Mark all material with proper classification, as directed.
2. Store classified material.
3. Account for all classified material, as required.
4. Courier classified material, as required.
5. Destroy classified material, as required.
6. Utilize classified material.
7. Sanitize work spaces, as required.
8. Apply OPSEC measures.
9. Apply INFOSEC measures.
10. Apply COMPUSEC measures.

REFERENCES:

1. DODD 5105.21-M-1 Sensitive Compartmented Information (SCI) Security Manual, Administrative Security
2. ICD 705 Sensitive Compartmented Information Facilities
3. ICD 705 Technical Specifications Version 1.2
4. ICS 705-1 Physical and Technical Standards for Sensitive Compartmented Information Facilities
5. ICS 705-2 Standards for the Accreditation and Reciprocal Use of Sensitive Compartmented Information Facilities
6. Local Standard Operating Procedures
7. SECNAVINST 5510.30B Department of the Navy Personnel Security Program

2600-TRGT-1001: Conduct Electronic Attack

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: Individual will conduct electronic attack against selected targets.

BILLETS: Electronic Attack Team Member

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: With the aid of references, given mission tasking, an electronic

attack system, threat signal, and a communication system.

STANDARD: To degrade or disrupt target signals, within a time limit established by the commander, and in accordance with the references.

PERFORMANCE STEPS:

1. Review mission tasking.
2. Select equipment.
3. Operate Electronic Attack equipment.
4. Evaluate effectiveness
5. Provide jamming report.

REFERENCES:

1. ISBN 978-0-87259-677-1 The ARRL Handbook for Radio Communications, 2012 Edition
2. ISBN 978-0-87259-694-8 ARRL Antenna Book, 22nd Edition
3. JP 2-01.1 Joint Tactics, Techniques, and Procedures for Intelligence Support to Targeting
4. JP 3-13.1 Electronic Warfare
5. JP 3-60 Joint Targeting
6. MCRP 3-16.1A Tactics, Techniques and Procedures for Field Artillery Target Acquisition
7. MCRP 3-16B The Joint Targeting Process and Procedures for Targeting Time-Critical Targets
8. MCRP 3-40.3B Radio Operator's Handbook
9. MCWP 3-40.5 Electronic Warfare

2651-NADM-1001: Build a network

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

DESCRIPTION: This is inclusive of basic tasks that a Network Administrator must be able to perform in order to establish computer systems and networks.

MOS PERFORMING: 2651

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: With the aid of references, given mission tasking, and authorized equipment.

STANDARD: To provide reliable communications within existing security policies and guidelines and within the time allotted by the Commander.

PERFORMANCE STEPS:

1. Review mission tasking.
2. Determine requirements.
3. Assess resources.
4. Implement network architecture.
5. Configure hardware as applicable.
6. Perform Internet Protocol (IP) addressing as applicable.

7. Connect Local Area Network (LAN)/Wide Area Network (WAN) as applicable.
8. Verify connectivity.

REFERENCES:

1. DODD 5105.21-M-1 Sensitive Compartmented Information (SCI) Security Manual, Administrative Security
2. DoDD 8570.01M Information Assurance Workforce Improvement Program Incorporating Change 2, April 20, 2010
3. ICD 703 Physical Security Standards for Sensitive Compartmented Information Facilities
4. ICD 705 Sensitive Compartmented Information Facilities
5. Local Standard Operating Procedures
6. Marine Corps Intelligence Surveillance and Reconnaissance Enterprise Roadmap
7. MCWP 2-22 Signals Intelligence
8. SECNAVINST 5239.3B Department of the Navy Information Assurance Policy

2651-NADM-1002: Administer a network

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

MOS PERFORMING: 2651

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: With the aid of references, given mission tasking, access, permissions, and a network.

STANDARD: To ensure reliable data processing and communications within existing security policies and guidelines and within the time allotted by the Commander.

PERFORMANCE STEPS:

1. Review mission tasking.
2. Manage network file systems.
3. Ensure network data integrity.
4. Implement network security.
5. Administer domain name system (DNS).
6. Manage network accounts.
7. Configure network hardware as applicable.
8. Implement video/voice services.
9. Utilize remote access.
10. Implement auditing.
11. Troubleshoot as required.

REFERENCES:

1. DoDD 8570.01M Information Assurance Workforce Improvement Program Incorporating Change 2, April 20, 2010
2. DOD Intelligence Information System (DODIIS) Joint Security Implementation Guide (DJSIG) June 2011

STANDARD: To maintain network integrity, confidentiality, and reliability within existing security policies and guidelines.

PERFORMANCE STEPS:

1. Configure IPSEC.
2. Conduct auditing.
3. Configure access lists (ACLs).
4. Install security patches.
5. Identify threats.
6. Report threats.
7. Employ countermeasures.

REFERENCES:

1. DODD 5105.21-M-1 Sensitive Compartmented Information (SCI) Security Manual, Administrative Security
 2. DoDD 8140 Cybersecurity Workforce (Draft)
 3. DoDD 8570.01M Information Assurance Workforce Improvement Program Incorporating Change 2, April 20, 2010
 4. DOD Intelligence Information System (DODIIS) Joint Security Implementation Guide (DJSIG) June 2011
 5. ICD 503 Protecting Sensitive Compartmented Information within Information Systems.
 6. SECNAVINST 5239.3B Department of the Navy Information Assurance Policy
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2651-SCTY-1003: Perform Information Assurance Technician (IAT) Level I functions

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: Per DoDD 8570.01, Information Assurance Technician Level I personnel make the Computing Environment (CE) less vulnerable by correcting flaws and implementing IAT controls in the hardware or software installed within their operational systems. The CE is defined as local area network(s) server host and its operating system, peripherals, and applications.

MOS PERFORMING: 2651

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Provided a computing environment, IA directives and IAT Level I training.

STANDARD: To maintain availability, integrity, authentication, confidentiality, and non-repudiation of information, information systems, and information infrastructures.

PERFORMANCE STEPS:

1. Recognize a potential security violation.
2. Manage vulnerabilities.

3. Apply appropriate CE access controls.
4. Apply system patches/IAVAs/IAVBs.
5. Report IA concerns to appropriate authority.
6. Monitor IA safeguards for CE system(s).
7. Implement specific IA security countermeasures.

REFERENCES:

1. DoDD 8140 Cybersecurity Workforce (Draft)
2. DoDD 8570.01M Information Assurance Workforce Improvement Program Incorporating Change 2, April 20, 2010
3. SECNAVINST 5239.3B Department of the Navy Information Assurance Policy

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: Certification is obtained from an authorized commercial vendor. Appropriate certification must be obtained within 6 months of assuming IAT billet.

SPECIAL PERSONNEL CERTS: One of the following:

1. Computing Technology Industry Association (CompTIA) A+ Certification.
2. Computing Technology Industry Association (CompTIA) Network+ Certification.
3. International Information Systems Security Certifications Consortium (ISC) 2 System Security Certified Practitioner (SSCP).
4. Appropriate operating systems cert (CHECK 8570).

2651-SCTY-1004: Perform IAT Level II functions

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: Per DODD 8570.01, Information Assurance Technician Level II personnel provide Network Environment (NE) and advance level Computing Environment (CE) support. Pay special attention to intrusion detection, finding and fixing/reporting unprotected vulnerabilities, and ensuring that remote access points are well secured. This focuses on threats and vulnerabilities and improves the security of the systems. IAT Level II personnel have mastery of the functions of the IAT Level I position.

MOS PERFORMING: 2651

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Provided a NE, IA directives, and IAT Level II training.

STANDARD: To maintain availability, integrity, authentication, confidentiality, and non-repudiation of information, information systems, and information infrastructures.

PERFORMANCE STEPS:

1. Respond to a potential security violation.

2. Manage vulnerabilities.
3. Manage appropriate CE/NE access controls.
4. Manage system patches/IAVAs/IAVBs.
5. Draft incident response report(s) for appropriate authority.
6. Manage IA safeguards for CE/NE system(s).
7. Enforce IA security countermeasures.
8. Preserve evidence associated with incidents.
9. Implement strategies for ensuring mission continuity.
10. Implement strategies for fault tolerance.
11. Implement strategies for ensuring disaster recovery.
12. Perform system audits.
13. Administer vulnerability management system.

PREREQUISITE EVENTS:

2651-SCTY-1003

REFERENCES:

1. DoDD 8140 Cybersecurity Workforce (Draft)
2. DoDD 8570.01M Information Assurance Workforce Improvement Program Incorporating Change 2, April 20, 2010
3. SECNAVINST 5239.3B Department of the Navy Information Assurance Policy

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: Certification is obtained from an authorized commercial vendor. Appropriate certification must be obtained within 6 months of assuming IAT billet.

SPECIAL PERSONNEL CERTS: One of the following:

1. Computing Technology Industry Association (CompTIA) Security + Certification.
2. Security Certified Program Security Certified Network Professional (SCNP).
3. International Information Systems Security Certifications Consortium (ISC) 2 System Security Certified Practitioner (SSCP).
4. Global Information Assurance Certification (GIAC) GIAC Security Essentials Certification (GSEC).
5. Appropriate operating systems cert.

2651-SYSA-1001: Conduct basic system administration

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

MOS PERFORMING: 2651

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: With the aid of references, given mission tasking, the authorized hardware and software.

STANDARD: To ensure reliable data processing and communications within existing security policies and guidelines and within the time allotted by the Commander.

PERFORMANCE STEPS:

1. Maintain data integrity.
2. Manage hardware.
3. Manage software.
4. Manage peripherals.
5. Implement systems security.
6. Utilize basic OS commands.
7. Manage Active Directory.
8. Obtain applicable authorities.
9. Troubleshoot as required.

REFERENCES:

1. DoDD 8140 Cyber security Workforce (Draft)
2. DoDD 8570.01M Information Assurance Workforce Improvement Program Incorporating Change 2, April 20, 2010
3. DOD Intelligence Information System (DODIIS) Joint Security Implementation Guide (DJSIG) June 2011
4. MCEN Information Security Policy
5. SECNAVINST 5239.3B Department of the Navy Information Assurance Policy

2651-SYSA-1002: Administer a server

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

DESCRIPTION: Systems Administrator must administer a variety of servers to include, but not limited to: mail, web, file, print, and DNS to support multiple functions and other associated tasks.

MOS PERFORMING: 2651

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: With the aid of references, given mission tasking, authorized hardware and software, access, permissions, and a network.

STANDARD: To establish services within the time allotted by the Commander.

PERFORMANCE STEPS:

1. Review mission tasking.
2. Assess resources.
3. Install hardware.
4. Install software.
5. Configure server.
6. Manage domain.
7. Manage accounts.
8. Maintain server.

9. Manage Mail server.
10. Manage File server.
11. Manage Print server.
12. Manage Web server.
13. Manage DNS server.
14. Troubleshoot as required.

REFERENCES:

1. DoDD 8140 Cyber security Workforce (Draft)
 2. DoDD 8570.01M Information Assurance Workforce Improvement Program
Incorporating Change 2, April 20, 2010
 3. SECNAVINST 5239.3B Department of the Navy Information Assurance Policy
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2651-TCOM-1001: Operate high bandwidth satellite communications equipment

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

MOS PERFORMING: 2651

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: With the aid of references, given mission tasking, satellite communications equipment, and authorized satellite access.

STANDARD: To establish communications in the time allotted by the Commander.

PERFORMANCE STEPS:

1. Review mission tasking.
2. Assess resources.
3. Ensure accountability of all components.
4. Conduct a site survey.
5. Submit support requests to external agencies as required.
6. Configure satellite earth terminals.
7. Establish communications.
8. Operate test measurement diagnostic equipment.
9. Troubleshoot for quality of service.
10. Implement first echelon maintenance.

REFERENCES:

1. Local Standard Operating Procedures
 2. TM Technical Manuals
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10004. 2000-LEVEL EVENTS

2600-PLAN-2001: Conduct Power Usage Assessment

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

GRADES: CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: With the aid of reference, given mission tasking, and working in a fixed or mobile site.

STANDARD: To determine utility requirements to ensure continuity of operations.

PERFORMANCE STEPS:

1. Differentiate between ohms/volts/amps.
2. Calculate usage in amps.
3. Establish power usage threshold (high/low).
4. Employ uninterruptable power supply (UPS) resources.
5. Establish disaster recovery plan.
6. Calculate heat output in British Thermal Units (BTU).
7. Establish equipment cooling strategy.
8. Implement proper grounding procedures.

REFERENCES:

1. FM 5-424 Theater of Operations Electrical Systems (Jun 97)
 2. TM 12359A-OD/B Principal Technical Characteristics of Expeditionary Power Systems Equipment
 3. US Army Power Manpack Radio 12_08_09
 4. MCWP 3-17.K Theater of Operations Electrical Systems (CH 3, 6, 8, 10, 13)
 5. MCWP 3-17.7 General Engineering (CH 14)
 6. Local Standing Operating Procedures
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2600-PLAN-2002: Conduct Precise Geolocation

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: With the aid of reference, given mission tasking, fielded equipment, and a target environment.

STANDARD: To locate a signal of interest within time limits and constraints established by the Commander.

PERFORMANCE STEPS:

1. Review mission tasking.
2. Apply legal considerations.
3. Apply technical considerations.
4. Identify operational constraints.
5. Identify environmental constraints.
6. Deconflict operations.
7. Employ equipment.
8. Conduct post-mission analysis.

9. Disseminate mission results.

REFERENCES:

1. ISBN 978-0-87259-677-1 The ARRL Handbook for Radio Communications, 2012 Edition
 2. ISBN 978-0-87259-694-8 ARRL Antenna Book, 22nd Edition
 3. ISBN 978-0979387340 Newton's Telecom Dictionary: Telecommunications, Networking, Information Technologies, The Internet, Wired, Wireless, Satellites and Fiber
 4. Local Standing Operating Procedures
 5. USSID DA3857
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2600-PROD-2001: Produce Non-Standard Reports

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

DESCRIPTION: Individual will utilize SIGINT information to produce a non-standard SIGINT report.

GRADES: LCPL, CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: With the aid of references, given SIGINT data, and information production equipment.

STANDARD: To satisfy intelligence requirements, within a time limit established by the commander.

PERFORMANCE STEPS:

1. Review mission tasking.
2. Identify intelligence requirements.
3. Review SIGINT data and information.
4. Produce non-standard SIGINT report.

REFERENCES:

1. DCGS
 2. Doctrine Organization Training Materiel Leadership Personnel Facilities
 3. Local Standard Operating Procedures
 4. MCWP 2-22 Signals Intelligence
 5. MCWP 3-40.5 Electronic Warfare
 6. SEDSCAF Standard Electronic Intelligence Data Systems Codes and Formats Manual
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2600-PROD-2002: Conduct intelligence briefs

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: Individual must gather information and intelligence to brief an audience.

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: With the aid of references, given mission tasking, and briefing materials.

STANDARD: To convey the information within a time limit established by the Commander.

PERFORMANCE STEPS:

1. Review mission tasking.
2. Gather information resources.
3. Analyze data.
4. Prepare brief.
5. Deliver brief.
6. Field questions.

REFERENCES:

1. Local Standard Operating Procedures
 2. MCWP 2-22 Signals Intelligence
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2600-SCTY-2001: Prepare an Emergency Action Plan (EAP)

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: Each accredited SCIF or secure area must establish an Emergency Action Plan (EAP) to be approved by the G-2/S-2 or SSO as appropriate.

GRADES: CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: With the aid references, a secure working environment, and classified material.

STANDARD: To safeguard classified material in the event of an emergency, within a time limit established by the Commander.

PERFORMANCE STEPS:

1. Create sequence of events.
2. Submit to proper authorities for approval.
3. Conduct rehearsal.

REFERENCES:

1. DODD 5105.21-M-1 Sensitive Compartmented Information (SCI) Security Manual, Administrative Security
2. ICD 705 Sensitive Compartmented Information Facilities
3. ICD 705 Technical Specifications Version 1.2
4. ICS 705-1 Physical and Technical Standards for Sensitive Compartmented Information Facilities
5. ICS 705-2 Standards for the Accreditation and Reciprocal Use of Sensitive

GRADES: CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: With the aid of references, given mission tasking, antenna equipment, and currently fielded communications equipment and/or collection equipment.

STANDARD: To satisfy transmit and/or receive requirements, in the time allotted by the commander.

PERFORMANCE STEPS:

1. Review mission tasking.
2. Identify antenna characteristics based on antenna theory.
3. Identify operational constraints.
4. Identify environmental constraints.
5. Determine the appropriate FEA.
6. Construct antenna.
7. Establish communications, as required.
8. Establish collections, as required.

REFERENCES:

1. ISBN 978-0-87259-677-1 The ARRL Handbook for Radio Communications, 2012 Edition
 2. ISBN 978-0-87259-694-8 ARRL Antenna Book, 22nd Edition
 3. Local Standard Operating Procedures
 4. MCRP 3-40.3B Radio Operator's Handbook
 5. NAVEDTRA 10250 Principles of Radio Wave Transmission
 6. NAVEDTRA 172-10-00-83 Module 10 Introduction to Wave Propagation, Transmission Lines and Antennas
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2651-NADM-2001: Manage intelligence networks

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: An intelligence network manager must be able to perform all inclusive tasks to ensure secure and uninterrupted services. Additionally, the manager must ensure the networks operate within the unique security requirements and classification levels determined by national agencies and regional authorities.

MOS PERFORMING: 2651

GRADES: SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: With the aid of references, given mission tasking, network access, and permissions.

STANDARD: To ensure reliable data processing and communications within existing security policies, guidelines, and in the time allotted by the commander.

PERFORMANCE STEPS:

1. Review mission tasking.
2. Conduct data management.
3. Manage network security.
4. Enforce security policy.
5. Conduct helpdesk operations.
6. Manage network configuration.
7. Coordinate troubleshooting efforts.
8. Coordinate corrective actions.
9. Ensure certification/accreditation of networks.

REFERENCES:

1. DODD 5105.21-M-1 Sensitive Compartmented Information (SCI) Security Manual, Administrative Security
2. DoDD 8140 Cyber security Workforce (Draft)
3. DoDD 8570.01M Information Assurance Workforce Improvement Program Incorporating Change 2, April 20, 2010
4. DOD Intelligence Information System (DODIIS) Joint Security Implementation Guide (DJSIG) June 2011
5. ICD 703 Physical Security Standards for Sensitive Compartmented Information Facilities
6. ICD 705 Sensitive Compartmented Information Facilities
7. Local Standard Operating Procedures
8. Marine Corps Intelligence Surveillance and Reconnaissance Enterprise Roadmap
9. SECNAVINST 5239.3B Department of the Navy Information Assurance Policy

2651-NADM-2002: Bridge communication pathways

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: Within the function of communications planning, a 2651 must establish primary, secondary, and tertiary pathways to sustain the continuity of services. Examples include, but are not limited to, network to network and ship to shore communications.

MOS PERFORMING: 2651

GRADES: SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: With the aid of reference, given mission tasking, and working in an amphibious, fixed, or mobile site.

STANDARD: To ensure reliability and efficiency across converged networks.

PERFORMANCE STEPS:

1. Establish alternate logical/physical pathways.
2. Tether remote systems to core infrastructure.
3. Coordinate connections to other agency/national intelligence networks.
4. Determine bandwidth requirements.
5. Establish Quality of Service (QoS) needs.
6. Manage Video/Voice services.
7. Coordinate shipboard communications support.

REFERENCES:

1. DODD 5105.21-M-1 Sensitive Compartmented Information (SCI) Security Manual, Administrative Security
 2. DoDD 8140 Cyber security Workforce (Draft)
 3. DoDD 8570.01M Information Assurance Workforce Improvement Program Incorporating Change 2, April 20, 2010
 4. DOD Intelligence Information System (DODIIS) Joint Security Implementation Guide (DJSIG) June 2011
 5. ICD 703 Physical Security Standards for Sensitive Compartmented Information Facilities
 6. ICD 705 Sensitive Compartmented Information Facilities
 7. Local Standard Operating Procedures
 8. MCWP 2-22 Signals Intelligence
 9. MCWP 6-22 Communications and Information Systems
 10. SECNAVINST 5239.3B Department of the Navy Information Assurance Policy
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2651-PLAN-2001: Develop a communications plan

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: The individual will develop a communications plan to facilitate the unit's internal and external communication requirements.

MOS PERFORMING: 2651

GRADES: SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: With the aid of references and given mission tasking.

STANDARD: To establish communications in support of mission requirements in the time allotted by the commander.

PERFORMANCE STEPS:

1. Review mission tasking.
2. Determine requirements.
3. Assess resources.
4. Develop communications architecture.
5. Submit support requests to external units/agencies as required.
6. Submit frequency requests.

REFERENCES:

1. CJCSM 6231.04B Manual For Employing Tactical Communications
 2. ICD 703 Physical Security Standards for Sensitive Compartmented Information Facilities
 3. JP 2-02 National Intelligence Support to Joint Operations
 4. JP 6-0 Joint Communications System
 5. MCWP 2-22 Signals Intelligence
 6. MCWP 3-40.3 MAGTF Communications System
 7. MCWP 6-22 Communications and Information Systems
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2651-PLAN-2002: Conduct a site survey

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 2651

GRADES: SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: With the aid of reference, given mission tasking, and working in a fixed or mobile site.

STANDARD: To ensure reliable Radio Frequency (RF) communication pathways.

PERFORMANCE STEPS:

1. Deconflict satellite azimuth/elevation.
2. Deconflict RF.
3. Deconflict electromagnetic interference (EMI).
4. Manage resources.
5. Determine space requirements.
6. Determine power requirements.
7. Determine cooling requirements.

REFERENCES:

1. MCWP 2-22 Signals Intelligence
 2. MCWP 6-22 Communications and Information Systems
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2651-SCTY-2001: Enforce SCI network policies

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 2651

GRADES: SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: With the aid of references, given mission tasking, and a SCI network.

STANDARD: To ensure reliable data processing and communications within existing security policies, guidelines, and in the time allotted by the commander.

PERFORMANCE STEPS:

1. Develop Local SOP.
2. Determine legal considerations.
3. Determine applicable policies.
4. Coordinate system integration.
5. Coordinate with network authority.

REFERENCES:

1. CJCSM 6231.04B Manual for Employing Tactical Communications
 2. DoDD 8140 Cybersecurity Workforce (Draft)
 3. DoDD 8570.01M Information Assurance Workforce Improvement Program Incorporating Change 2, April 20, 2010
 4. DOD Intelligence Information System (DODIIS) Joint Security Implementation Guide (DJSIG) June 2011
 5. SECNAVINST 5239.3B Department of the Navy Information Assurance Policy
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2651-SCTY-2002: Conduct Information Assurance Manager (IAM) functions

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: Per DoDD 8570.01, Information Assurance Managers are responsible for the implementation and operation of a DoD information system or system DoD component within their Computing Environment (CE). Incumbents in these positions perform a variety of security related tasks, including the development and implementation of system information security standards and procedures.

MOS PERFORMING: 2651

GRADES: SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: With the aid of reference, given IAT level II certification, mission tasking, and working in a fixed or mobile site.

STANDARD: To maintain a secure network environment (NE) through the application of IA policies and procedures.

PERFORMANCE STEPS:

1. Enforce applicable policy.
2. Perform vulnerability management functions.
3. Perform incident response functions.
4. Disseminate reports as necessary.
5. Prepare systems security plans.

PREREQUISITE EVENTS:

2651-SCTY-1003 2651-SCTY-1004

REFERENCES:

1. DODD 5105.21-M-1 Sensitive Compartmented Information (SCI) Security Manual, Administrative Security
2. DoDD 8140 Cyber security Workforce (Draft)
3. DoDD 8570.01M Information Assurance Workforce Improvement Program Incorporating Change 2, April 20, 2010
4. DOD Intelligence Information System (DODIIS) Joint Security Implementation Guide (DJSIG) June 2011
5. ICD 502 Integrated Defense of the Intelligence Community Information Environment
6. ICD 503 Protecting Sensitive Compartmented Information within Information Systems.
7. ICD 703 Physical Security Standards for Sensitive Compartmented Information Facilities
8. ICD 705 Sensitive Compartmented Information Facilities
9. Local Standard Operating Procedures
10. NIST 800-53 Information Security
11. SECNAVINST 5239.3B Department of the Navy Information Assurance Policy

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: Certification is obtained from an authorized commercial vendor or agency. Appropriate certification must be obtained within 6 months of assuming IAM billet.

SPECIAL PERSONNEL CERTS: One of the following:

1. Computing Technology Industry Association (CompTIA) Security + Certification.
2. Global Information Assurance Certification (GIAC) GIAC Security Leadership Certificate (GSLC) Certification.
3. Information Systems Audit and Control Association (ISACA) Certified Information Security Manager (CISM) Certification.
4. International Information Systems Security Certifications Consortium (ISC) 2.

2651-SYSA-2001: Integrate tactical SCI enterprise systems

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: This is inclusive of tactical SCI enterprise systems and Programs of Record (POR) in support of Marine Corps intelligence operations.

MOS PERFORMING: 2651

GRADES: SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: With the aid of references, given mission tasking, POR equipment, and access/permissions.

STANDARD: To ensure reliable data processing and communications within existing security policies and guidelines in the time allotted by the Commander.

PERFORMANCE STEPS:

1. Implement mission tasking.
2. Administer PORs.
3. Coordinate with external agencies.
4. Integrate tactical fielded systems into enterprise.

REFERENCES:

1. DODD 5105.21-M-1 Sensitive Compartmented Information (SCI) Security Manual, Administrative Security
 2. DoDD 8140 Cybersecurity Workforce (Draft)
 3. DoDD 8570.01M Information Assurance Workforce Improvement Program Incorporating Change 2, April 20, 2010
 4. DOD Intelligence Information System (DODIIS) Joint Security Implementation Guide (DJSIG) June 2011
 5. ICD 703 Physical Security Standards for Sensitive Compartmented Information Facilities
 6. ICD 705 Sensitive Compartmented Information Facilities
 7. Local Standard Operating Procedures
 8. MCWP 2-22 Signals Intelligence
 9. MCWP 6-22 Communications and Information Systems
 10. SECNAVINST 5239.3B Department of the Navy Information Assurance Policy
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2651-SYSA-2002: Provide technical services in support of the information management plan

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 2651

GRADES: CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: With the aid of reference, given mission tasking, a unit information management plan, and working in a fixed or mobile site.

STANDARD: To assist with the dissemination of information as directed by the commander.

PERFORMANCE STEPS:

1. Manage web portal.
2. Manage site collection resources.
3. Establish site replication strategy.

REFERENCES:

1. MCWP 3-40.2 Information Management
 2. TM Technical Manuals
 3. Local Standing Operating Procedures
-

2651-TCOM-2001: Conduct advanced radio operations

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: Due to the large amount of tactical communications equipment within the operating forces, a 2651 must be proficient in the employment of radio voice and data communications.

MOS PERFORMING: 2651

GRADES: CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: With the aid of reference, mission tasking, tactical communications equipment and working in a fixed or mobile site.

STANDARD: To sustain tactical communications across the operational environment.

PERFORMANCE STEPS:

1. Develop a radio plan.
2. Direct employment of HF/VHF/UHF systems.
3. Direct transmission of data over radio networks.
4. Tether remote radio systems to core network.
5. Employ DTD for secured communications.
6. Employ MRC/VRC vehicles.
7. Establish retransmit site.
8. Use frequency planning tools.
9. Employ TACSAT.

REFERENCES:

1. CJCSM 6231.04B Manual For Employing Tactical Communications
 2. EKMS-1 (series) EKMS Policy and Procedures for Navy EKMS Tiers 2 & 3
 3. ISBN 978-0-87259-677-1 The ARRL Handbook for Radio Communications, 2012 Edition
 4. ISBN 978-0-87259-694-8 ARRL Antenna Book, 22nd Edition
 5. MCRP 3-40.3B Radio Operator's Handbook
 6. MCWP 6-22 Communications and Information Systems
 7. Local Standing Operating Procedures
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SIGINT T&R MANUAL

CHAPTER 11

MOS 2670 INDIVIDUAL EVENTS

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SIGINT T&R MANUAL

CHAPTER 11

MOS 2670 INDIVIDUAL EVENTS

11000. PURPOSE. This chapter details the individual events that pertain to Cryptologic Linguists. Each individual event provides an event title, along with the conditions events will be performed under, and the standard to which the event must be performed to be successful.

11001. 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>
2600	Basic SIGINT/Ground EW Operator
2670	Cryptologic Linguist

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

<u>Code</u>	<u>Description</u>
COLL	Collection
COMM	Communication
GENI	General Intelligence
PLAN	Planning
PROD	Production
SCTY	Security
TRGT	Targeting

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>
1000	Core Skills
2000	Core Plus Skills

11002. INDEX OF INDIVIDUAL EVENTS

<u>EVENT CODE</u>	<u>EVENT</u>	<u>PAGE</u>
1000-LEVEL		
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2600-SCTY-2003	Construct a Field Expedient Antenna (FEA)	11-16
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11003. 1000-LEVEL EVENTS

2600-COLL-1001: Conduct Basic Computer Operations

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: This is a collective of basic computer tasks that an individual must be able to perform.

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: With the aid of references, given a mission order to facilitate the conduct of SIGINT operations.

STANDARD: To properly set up and operate a computer on a network, within a time limit established by the Commander.

PERFORMANCE STEPS:

1. Utilize computer components.
2. Utilize computer peripherals.
3. Utilize computer software.
4. Utilize productivity applications.
5. Describe network fundamentals.
6. Describe classified and unclassified networks.

REFERENCES:

1. ISBN 978-0-735-61543-4 Windows XP Professional Academic Learning Series
 2. ISBN 978-0-735-62667-6 Windows 7 Step by Step
 3. Microsoft Office Excel 2010
 4. Microsoft Office Outlook 2010
 5. Microsoft Office PowerPoint 2010
 6. Microsoft Office Word 2010
 7. Windows 7 Product Guide
-

2600-COLL-1002: Conduct Electronic Warfare Support

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 3 months

DESCRIPTION: The individual will be able to conduct electronic warfare support to provide Indications and Warning (I&W) to the Marine Air Ground Task Force (MAGTF).

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: With the aid of references, mission tasking, currently fielded SIGINT/EW equipment and a target environment.

STANDARD: To identify and locate enemy emitters within a time limit established by the Commander.

PERFORMANCE STEPS:

1. Review mission tasking.
2. Isolate signals of interest.
3. Determine emitter location, as required.
4. Provide I&W.

REFERENCES:

1. ISBN 978-0-87259-677-1 The ARRL Handbook for Radio Communications, 2012 Edition
 2. ISBN 978-0-87259-694-8 ARRL Antenna Book, 22nd Edition
 3. Local Standard Operating Procedures
 4. MCRP 3-40.3B Radio Operator's Handbook
 5. MCWP 2-22 Signals Intelligence
 6. MCWP 3-40.5 Electronic Warfare
-

2600-COMM-1001: Operate Tactical Radios

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 3 months

DESCRIPTION: The individual will be able to establish secure tactical voice and data communications with currently fielded tactical radios to support a SIGINT mission.

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: With the aid of references, currently fielded tactical radios, CEOI, cryptographic, and ancillary equipment.

STANDARD: To establish secure tactical communications within a time limit established by the Commander.

PERFORMANCE STEPS:

1. Apply RF theory.
2. Inventory tactical radio components.
3. Set up tactical radio.
4. Establish communications.
5. Utilize cryptographic equipment to issue, as required.
6. Utilize cryptographic equipment to transfer, as required.
7. Utilize cryptographic equipment to receive, as required.
8. Utilize cryptographic equipment to clone, as required.

REFERENCES:

1. CJCSM 6231.04B Manual for Employing Tactical Communications
2. EKMS-1 (series) EKMS Policy and Procedures for Navy EKMS Tiers 2 & 3
3. ISBN 978-0-87259-677-1 the ARRL Handbook for Radio Communications, 2012 Edition
4. ISBN 978-0-87259-694-8 ARRL Antenna Book, 22nd Edition
5. MCRP 3-40.3B Radio Operator's Handbook
6. Local Standing Operating Procedures

2600-COMM-1002: Employ Antennas

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 3 months

DESCRIPTION: The individual will be able to employ both Field Expedient Antennas (FEAs) and manufactured antennas for the conduct of a Signals Intelligence mission.

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: With the aid of references, given an antenna or antenna components, and a transceiver.

STANDARD: To transmit or receive a signal, within a time limit established by the Commander.

PERFORMANCE STEPS:

1. Identify antenna characteristics based on antenna theory.
2. Identify operational constraints associated with FEAs and SL-3 antennas.
3. Identify environmental constraints associated with FEAs and SL-3 antennas.
4. Determine appropriate antennas to utilize based upon characteristics and

- capabilities of antenna.
 5. Employ antenna.

REFERENCES:

1. ISBN 978-0-87259-677-1 The ARRL Handbook for Radio Communications, 2012 Edition
2. ISBN 978-0-87259-694-8 ARRL Antenna Book, 22nd Edition
3. Local Standard Operating Procedures
4. MCRP 3-40.3B Radio Operator's Handbook
5. MCRP 3-40.3C Field Antenna Handbook
6. NAVEDTRA 10250 Principles of Radio Wave Transmission
7. NAVEDTRA 172-10-00-83 Module 10 Introduction to Wave Propagation, Transmission Lines and Antennas

2600-GENI-1001: Demonstrate a basic understanding of the Intelligence Cycle

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: Demonstrate knowledge of the basic functions and responsibilities of the Intelligence Community, and how it applies to the Intelligence Cycle.

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: With the aid of references and given mission tasking.

STANDARD: To recognize roles and responsibilities of members of the intelligence community, within a time limit established by the Commander.

PERFORMANCE STEPS:

1. Review mission tasking.
2. Identify members of the IC.
3. Identify IC functions.
4. Define the intelligence oversight program.
5. Describe the intelligence cycle.
6. Describe the IC relationships with Foreign Partners.
7. Define intelligence support to the warfighting functions.

REFERENCES:

1. MCWP 2-1 Intelligence Operations
2. MCWP 2-22 Signals Intelligence

2600-PROD-1001: Recognize Reportable Information

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: The individual will review raw or evaluated and minimized information and compare it to Intelligence Requirements (IR) to recognize

reportable information.

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given IRs and raw or evaluated and minimized traffic (intelligence requirements).

STANDARD: To satisfy IRs in the time allotted by the Commander.

PERFORMANCE STEPS:

1. Review IRs.
2. Review raw or evaluated and minimized traffic.
3. Identify EEIs.
4. Notify appropriate entities.

REFERENCES:

1. MCWP 2-1 Intelligence Operations
2. MCWP 2-22 Signals Intelligence
3. USSID CR1231
4. USSID CR1283
5. USSID CR1284
6. USSID CR1400
7. USSID CR1500
8. USSID CR1501
9. USSID CR1601, CR1610, CR1611

2600-SCTY-1001: Apply Security Procedures

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: The individual will ensure that classified material (to include EKMS) and information is properly safeguarded and its distribution is limited to authorized personnel and communications channels. Classified and sensitive material must be properly marked, stored and protected.

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: With the aid of references, given classified material, and information.

STANDARD: To prevent security violations and compromises.

PERFORMANCE STEPS:

1. Mark all material with proper classification, as directed.
2. Store classified material.
3. Account for all classified material, as required.
4. Courier classified material, as required.
5. Destroy classified material, as required.

6. Utilize classified material.
7. Sanitize work spaces, as required.
8. Apply OPSEC measures.
9. Apply INFOSEC measures.
10. Apply COMPUSEC measures.

REFERENCES:

1. DODD 5105.21-M-1 Sensitive Compartmented Information (SCI) Security Manual, Administrative Security
 2. ICD 705 Sensitive Compartmented Information Facilities
 3. ICD 705 Technical Specifications Version 1.2
 4. ICS 705-1 Physical and Technical Standards for Sensitive Compartmented Information Facilities
 5. ICS 705-2 Standards for the Accreditation and Reciprocal Use of Sensitive Compartmented Information Facilities
 6. Local Standard Operating Procedures
 7. SECNAVINST 5510.30B Department of the Navy Personnel Security Program
-

2600-TRGT-1001: Conduct Electronic Attack

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: Individual will conduct electronic attack against selected targets.

BILLETS: Electronic Attack Team Member

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: With the aid of references, given mission tasking, an electronic attack system, threat signal, and a communication system.

STANDARD: To degrade or disrupt target signals, within a time limit established by the commander, and in accordance with the references.

PERFORMANCE STEPS:

1. Review mission tasking.
2. Select equipment.
3. Operate Electronic Attack equipment.
4. Evaluate effectiveness
5. Provide jamming report.

REFERENCES:

1. ISBN 978-0-87259-677-1 the ARRL Handbook for Radio Communications, 2012 Edition
2. ISBN 978-0-87259-694-8 ARRL Antenna Book, 22nd Edition
3. JP 2-01.1 Joint Tactics, Techniques, and Procedures for Intelligence Support to Targeting
4. JP 3-13.1 Electronic Warfare
5. JP 3-60 Joint Targeting

6. MCRP 3-16.1A Tactics, Techniques and Procedures for Field Artillery Target Acquisition
7. MCRP 3-16B the Joint Targeting Process and Procedures for Targeting Time-Critical Targets
8. MCRP 3-40.3B Radio Operator's Handbook
9. MCWP 3-40.5 Electronic Warfare

2670-COLL-1001: Conduct Basic Traffic Exploitation

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: During the course of processing information, the Cryptologic Linguist must be able to identify the essential elements of information (EEIs)).

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: With the aid of references, given mission tasking, currently fielded SIGINT/EW equipment, lexical aids, and a target environment.

STANDARD: To identify EEIs in a timeframe dictated by the operational environment.

PERFORMANCE STEPS:

1. Review mission tasking.
2. Review target structure/organization.
3. Select equipment.
4. Process communications of interest.
5. Conduct initial traffic analysis.
6. Provide Indications and Warnings (I&W) upon recognition.
7. Utilize fundamental communications network analysis, as applicable.
8. Report EEIs.
9. Apply principles of COMSEC.
10. Apply legal considerations.

REFERENCES:

1. Executive Order 12333 United States Intelligence Activities
2. MCDP 1-0 Marine Corps Operations, Sep 2001
3. MCWP 2-1 Intelligence Operations
4. MCWP 2-22 Signals Intelligence
5. United States Signals Intelligence Directives

2670-PROD-1001: Provide Near Real-time Indications and Warnings (I&W)

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 3 months

DESCRIPTION: The individual provides near real-time I&W from a single pass of a voice cut. The individual recognizes and reports immediate threats to

friendly forces.

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Without the aid of references, given a single pass threat voice cut and SIGINT/EW equipment.

STANDARD: To recognize threat warning material with a 70% accuracy, within a time limit established by the Commander.

PERFORMANCE STEPS:

1. Listen to voice cut.
2. Identify EEIs.
3. Report I&W.

REFERENCES:

1. Executive Order 12333 United States Intelligence Activities
 2. MCDP 1-0 Marine Corps Operations, Sep 2001
 3. MCWP 2-1 Intelligence Operations
 4. MCWP 2-22 Signals Intelligence
 5. Local Standing Operating Procedures
 6. USSID CR1500
 7. USSID CR1501
 8. USSID SP0018
 9. USSID SP0101
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2670-PROD-1002: Translate cryptologic language material

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 3 months

DESCRIPTION: Individual translates target language material into English

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: With the aid of references, given cryptologic language material, SIGINT/EW equipment, software resources, and lexical aids.

STANDARD: To provide an English translation with 80% accuracy, within a time limit established by the Commander.

PERFORMANCE STEPS:

1. Classified in accordance with USSID 101
2. Utilize lexical aids.
3. Translate into English.

REFERENCES:

1. MCWP 2-22 Signals Intelligence
2. Target Language Lexical Aids

4. Produce gist.
5. Identify EEIs.

REFERENCES:

1. Executive Order 12333 United States Intelligence Activities
 2. MCDP 1-0 Marine Corps Operations, Sep 2001
 3. MCWP 2-1 Intelligence Operations
 4. MCWP 2-22 Signals Intelligence
 5. Target Language Lexical Aids
 6. USSID SP0018
 7. USSID SP0101
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11004. 2000-LEVEL EVENTS

2600-PLAN-2001: Conduct Power Usage Assessment

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

GRADES: CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: With the aid of reference, given mission tasking, and working in a fixed or mobile site.

STANDARD: To determine utility requirements to ensure continuity of operations.

PERFORMANCE STEPS:

1. Differentiate between ohms/volts/amps.
2. Calculate usage in amps.
3. Establish power usage threshold (high/low).
4. Employ uninterruptable power supply (UPS) resources.
5. Establish disaster recovery plan.
6. Calculate heat output in British Thermal Units (BTU).
7. Establish equipment cooling strategy.
8. Implement proper grounding procedures.

REFERENCES:

1. FM 5-424 Theater of Operations Electrical Systems (Jun 97)
 2. TM 12359A-OD/B Principal Technical Characteristics of Expeditionary Power Systems Equipment
 3. US Army Power Manpack Radio 12_08_09
 4. MCWP 3-17.K Theater of Operations Electrical Systems (CH 3, 6, 8, 10, 13)
 5. MCWP 3-17.7 General Engineering (CH 14)
 6. Local Standing Operating Procedures
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2600-PLAN-2002: Conduct Precise Geolocation

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: With the aid of reference, given mission tasking, fielded equipment and a target environment.

STANDARD: To locate a signal of interest within time limits and constraints established by the Commander.

PERFORMANCE STEPS:

1. Review mission tasking.
2. Apply legal considerations.
3. Apply technical considerations.
4. Identify operational constraints.
5. Identify environmental constraints.
6. Deconflict operations.
7. Employ equipment.
8. Conduct post-mission analysis.
9. Disseminate mission results.

REFERENCES:

1. ISBN 978-0-87259-677-1 The ARRL Handbook for Radio Communications, 2012 Edition
 2. ISBN 978-0-87259-694-8 ARRL Antenna Book, 22nd Edition
 3. ISBN 978-0979387340 Newton's Telecom Dictionary: Telecommunications, Networking, Information Technologies, The Internet, Wired, Wireless, Satellites and Fiber
 4. Local Standing Operating Procedures
 5. USSID DA3857
-

2600-PROD-2001: Produce Non-Standard Reports

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

DESCRIPTION: Individual will utilize SIGINT information to produce a non-standard SIGINT report.

GRADES: LCPL, CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: With the aid of references, given SIGINT data, and information production equipment.

STANDARD: To satisfy intelligence requirements, within a time limit established by the commander.

PERFORMANCE STEPS:

1. Review mission tasking.
2. Identify intelligence requirements.
3. Review SIGINT data and information.
4. Produce non-standard SIGINT report.

REFERENCES:

1. DCGS
 2. Doctrine Organization Training Materiel Leadership Personnel Facilities
 3. Local Standard Operating Procedures
 4. MCWP 2-22 Signals Intelligence
 5. MCWP 3-40.5 Electronic Warfare
 6. SEDSCAF Standard Electronic Intelligence Data Systems Codes and Formats Manual
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2600-PROD-2002: Conduct intelligence briefs

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: Individual must gather information and intelligence to brief an audience.

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: With the aid of references, given mission tasking, and briefing materials.

STANDARD: To convey the information within a time limit established by the Commander.

PERFORMANCE STEPS:

1. Review mission tasking.
2. Gather information resources.
3. Analyze data.
4. Prepare brief.
5. Deliver brief.
6. Field questions.

REFERENCES:

1. Local Standard Operating Procedures
 2. MCWP 2-22 Signals Intelligence
-

2600-SCTY-2001: Prepare an Emergency Action Plan (EAP)

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: Each accredited SCIF or secure area must establish an Emergency Action Plan (EAP) to be approved by the G-2/S-2 or SSO as appropriate.

GRADES: CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: With the aid references, a secure working environment, and classified material.

STANDARD: To safeguard classified material in the event of an emergency, within a time limit established by the Commander.

PERFORMANCE STEPS:

1. Create sequence of events.
2. Submit to proper authorities for approval.
3. Conduct rehearsal.

REFERENCES:

1. DODD 5105.21-M-1 Sensitive Compartmented Information (SCI) Security Manual, Administrative Security
2. ICD 705 Sensitive Compartmented Information Facilities
3. ICD 705 Technical Specifications Version 1.2
4. ICS 705-1 Physical and Technical Standards for Sensitive Compartmented Information Facilities
5. ICS 705-2 Standards for the Accreditation and Reciprocal Use of Sensitive Compartmented Information Facilities
6. SECNAVINST 5510.30B Department of the Navy Personnel Security Program
7. Local Standing Operating Procedures

2600-SCTY-2002: Establish a Tactical Sensitive Compartmented Information Facility (TSCIF)

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: TSCIFs are established to conduct TS/SCI operations.

GRADES: CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: With the aid of references and given mission tasking.

STANDARD: To support mission requirements, in the time allotted by the commander.

PERFORMANCE STEPS:

1. Review TSCIF requirements.
2. Obtain site location from advance party personnel, as required.
3. Request to establish a TSCIF.
4. Establish physical security requirements.
5. Send TSCIF activation notification.
6. Prepare an Emergency Destruction Plan (EDP).
7. Brief TSCIF personnel on security matters.
8. Maintain TSCIF access roster.

9. Conduct final TSCIF inspection.
10. Send TSCIF deactivation notification.

REFERENCES:

1. DODD 5200.1 DOD Information Security Program
 2. DODD TS-5105.21-M-2 Sensitive Compartmented Information (SCI) Security Manual, Communications Intelligence (COMINT) Policy
 3. ICD 705 Sensitive Compartmented Information Facilities
 4. ICD 705 Technical Specifications Version 1.2
 5. ICS 705-1 Physical and Technical Standards for Sensitive Compartmented Information Facilities
 6. ICS 705-2 Standards for the Accreditation and Reciprocal Use of Sensitive Compartmented Information Facilities
 7. SECNAVINST 5510.30B Department of the Navy Personnel Security Program
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2600-SCTY-2003: Construct a Field Expedient Antenna (FEA)

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

DESCRIPTION: SIGINT operators will be able to construct field expedient antennas.

GRADES: CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: With the aid of references, given mission tasking, antenna equipment, and currently fielded communications equipment and/or collection equipment.

STANDARD: To satisfy transmit and/or receive requirements, in the time allotted by the commander.

PERFORMANCE STEPS:

1. Review mission tasking.
2. Identify antenna characteristics based on antenna theory.
3. Identify operational constraints.
4. Identify environmental constraints.
5. Determine the appropriate FEA.
6. Construct antenna.
7. Establish communications, as required.
8. Establish collections, as required.

REFERENCES:

1. ISBN 978-0-87259-677-1 The ARRL Handbook for Radio Communications, 2012 Edition
 2. ISBN 978-0-87259-694-8 ARRL Antenna Book, 22nd Edition
 3. Local Standard Operating Procedures
 4. MCRP 3-40.3B Radio Operator's Handbook
 5. NAVEDTRA 10250 Principles of Radio Wave Transmission
 6. NAVEDTRA 172-10-00-83 Module 10 Introduction to Wave Propagation, Transmission Lines and Antennas
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2670-PROD-2001: Conduct Quality Control of Language Analysis

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 3 months

DESCRIPTION: The individual conducts quality control of voice and graphic language analysis. Quality control may also involve a summarization of gisted material, review and correction of transcribed material and language analysis support to SIGINT products.

INITIAL TRAINING SETTING: MOJT

CONDITION: With the aid of references, given mission tasking, lexical aids/software resources, cryptologic graphic or aural material and currently fielded SIGINT/EW equipment.

STANDARD: To validate accuracy of material with at least 95% accuracy, within a time limit established by the commander.

PERFORMANCE STEPS:

1. Review mission tasking.
2. Apply legal considerations.
3. Review material.
4. Correct material, as required.
5. Summarize material, as required.
6. Assist in the development of SIGINT products.

REFERENCES:

1. Executive Order 12333 United States Intelligence Activities
 2. MCDP 1-0 Marine Corps Operations, Sep 2001
 3. MCWP 2-1 Intelligence Operations
 4. MCWP 2-22 Signals Intelligence
 5. Target Language Lexical Aids
 6. Local Standing Operating Procedures
 7. USSID AP2150
 8. USSID AP2171
 9. USSID SP0018
 10. USSID SP0101
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SIGINT T&R MANUAL

CHAPTER 12

MOS 2691 INDIVIDUAL EVENTS

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SIGINT T&R MANUAL

CHAPTER 12

MOS 2691 INDIVIDUAL EVENTS

12000. PURPOSE. This chapter details the individual events that pertain to Signals Intelligence/Electronic Warfare Chief. Each individual event provides an event title, along with the conditions events will be performed under, and the standard to which the event must be performed to be successful.

12001. 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>
2600	Basic SIGINT/Ground EW Operator
2691	SIGINT/EW Chief

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

<u>Code</u>	<u>Description</u>
COLL	Collection
GENI	General Intelligence
MGMT	Management
PLAN	Planning
PROD	Production
SCTY	Security

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>
1000	Core Skills
2000	Core Plus Skills

12002. INDEX OF INDIVIDUAL EVENTS

<u>EVENT CODE</u>	<u>EVENT</u>	<u>PAGE</u>
1000-LEVEL		
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2600-SCTY-1001	Apply Security Procedures	12-5
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2691-PLAN-2002	Support the Collection Plan	12-13
2691-PLAN-2003	Conduct National/Tactical Integration	12-14

12003. 1000-LEVEL EVENTS**2600-COLL-1001:** Conduct Basic Computer Operations**EVALUATION-CODED:** NO**SUSTAINMENT INTERVAL:** 12 months**DESCRIPTION:** This is a collective of basic computer tasks that an individual must be able to perform.**GRADES:** PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT**INITIAL TRAINING SETTING:** FORMAL**CONDITION:** With the aid of references, given a mission order to facilitate the conduct of SIGINT operations.**STANDARD:** To properly set up and operate a computer on a network, within a time limit established by the Commander.**PERFORMANCE STEPS:**

1. Utilize computer components.
2. Utilize computer peripherals.
3. Utilize computer software.
4. Utilize productivity applications.
5. Describe network fundamentals.
6. Describe classified and unclassified networks.

REFERENCES:

1. ISBN 978-0-735-61543-4 Windows XP Professional Academic Learning Series
2. ISBN 978-0-735-62667-6 Windows 7 Step by Step
3. Microsoft Office Excel 2010
4. Microsoft Office Outlook 2010
5. Microsoft Office PowerPoint 2010
6. Microsoft Office Word 2010

7. Windows 7 Product Guide

2600-GENI-1001: Demonstrate a basic understanding of the Intelligence Cycle

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: Demonstrate knowledge of the basic functions and responsibilities of the Intelligence Community, and how it applies to the Intelligence Cycle.

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: With the aid of references and given mission tasking.

STANDARD: To recognize roles and responsibilities of members of the intelligence community, within a time limit established by the Commander.

PERFORMANCE STEPS:

1. Review mission tasking.
2. Identify members of the IC.
3. Identify IC functions.
4. Define the intelligence oversight program.
5. Describe the intelligence cycle.
6. Describe the IC relationships with Foreign Partners.
7. Define intelligence support to the warfighting functions.

REFERENCES:

1. MCWP 2-1 Intelligence Operations
 2. MCWP 2-22 Signals Intelligence
-

2600-PROD-1001: Recognize Reportable Information

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: The individual will review raw or evaluated and minimized information and compare it to Intelligence Requirements (IR) to recognize reportable information.

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given IRs, and raw or evaluated and minimized traffic (intelligence requirements).

STANDARD: To satisfy IRs in the time allotted by the Commander.

PERFORMANCE STEPS:

1. Review IRs.
2. Review raw or evaluated and minimized traffic.
3. Identify EEIs.
4. Notify appropriate entities.

REFERENCES:

1. MCWP 2-1 Intelligence Operations
 2. MCWP 2-22 Signals Intelligence
 3. USSID CR1231
 4. USSID CR1283
 5. USSID CR1284
 6. USSID CR1400
 7. USSID CR1500
 8. USSID CR1501
 9. USSID CR1601, CR1610, CR1611
-

2600-SCTY-1001: Apply Security Procedures

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: The individual will ensure that classified material (to include EKMS) and information is properly safeguarded and its distribution is limited to authorized personnel and communications channels. Classified and sensitive material must be properly marked, stored and protected.

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: With the aid of references, given classified material and information.

STANDARD: To prevent security violations and compromises.

PERFORMANCE STEPS:

1. Mark all material with proper classification, as directed.
2. Store classified material.
3. Account for all classified material, as required.
4. Courier classified material, as required.
5. Destroy classified material, as required.
6. Utilize classified material.
7. Sanitize work spaces, as required.
8. Apply OPSEC measures.
9. Apply INFOSEC measures.
10. Apply COMPUSEC measures.

REFERENCES:

1. DODD 5105.21-M-1 Sensitive Compartmented Information (SCI) Security Manual, Administrative Security
2. ICD 705 Sensitive Compartmented Information Facilities
3. ICD 705 Technical Specifications Version 1.2

4. ICS 705-1 Physical and Technical Standards for Sensitive Compartmented Information Facilities
 5. ICS 705-2 Standards for the Accreditation and Reciprocal Use of Sensitive Compartmented Information Facilities
 6. Local Standard Operating Procedures
 7. SECNAVINST 5510.30B Department of the Navy Personnel Security Program
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12004. 2000-LEVEL EVENTS

2600-PLAN-2001: Conduct Power Usage Assessment

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

GRADES: CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: With the aid of reference, given mission tasking, and working in a fixed or mobile site.

STANDARD: To determine utility requirements to ensure continuity of operations.

PERFORMANCE STEPS:

1. Differentiate between ohms/volts/amps.
2. Calculate usage in amps.
3. Establish power usage threshold (high/low).
4. Employ uninterruptable power supply (UPS) resources.
5. Establish disaster recovery plan.
6. Calculate heat output in British Thermal Units (BTU).
7. Establish equipment cooling strategy.
8. Implement proper grounding procedures.

REFERENCES:

1. FM 5-424 Theater of Operations Electrical Systems (Jun 97)
 2. TM 12359A-OD/B Principal Technical Characteristics of Expeditionary Power Systems Equipment
 3. US Army Power Manpack Radio 12_08_09
 4. MCWP 3-17.K Theater of Operations Electrical Systems (CH 3, 6, 8, 10, 13)
 5. MCWP 3-17.7 General Engineering (CH 14)
 6. Local Standing Operating Procedures
-

2600-PLAN-2002: Conduct Precise Geolocation

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

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: With the aid of reference, given mission tasking, fielded equipment and a target environment.

STANDARD: To locate a signal of interest within time limits and constraints established by the Commander.

PERFORMANCE STEPS:

1. Review mission tasking.
2. Apply legal considerations.
3. Apply technical considerations.
4. Identify operational constraints.
5. Identify environmental constraints.
6. Deconflict operations.
7. Employ equipment.
8. Conduct post-mission analysis.
9. Disseminate mission results.

REFERENCES:

1. ISBN 978-0-87259-677-1 The ARRL Handbook for Radio Communications, 2012 Edition
2. ISBN 978-0-87259-694-8 ARRL Antenna Book, 22nd Edition
3. ISBN 978-0979387340 Newton's Telecom Dictionary: Telecommunications, Networking, Information Technologies, The Internet, Wired, Wireless, Satellites and Fiber
4. Local Standing Operating Procedures
5. USSID DA3857

2600-PROD-2001: Produce Non-Standard Reports

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

DESCRIPTION: Individual will utilize SIGINT information to produce a non-standard SIGINT report.

GRADES: LCPL, CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: With the aid of references, given SIGINT data and information, production equipment.

STANDARD: To satisfy intelligence requirements, within a time limit established by the commander.

PERFORMANCE STEPS:

1. Review mission tasking.
2. Identify intelligence requirements.
3. Review SIGINT data and information.
4. Produce non-standard SIGINT report.

REFERENCES :

1. DCGS
 2. Doctrine Organization Training Materiel Leadership Personnel Facilities
 3. Local Standard Operating Procedures
 4. MCWP 2-22 Signals Intelligence
 5. MCWP 3-40.5 Electronic Warfare
 6. SEDSCAF Standard Electronic Intelligence Data Systems Codes and Formats Manual
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2600-PROD-2002: Conduct intelligence briefs

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: Individual must gather information and intelligence to brief an audience.

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: With the aid of references, given mission tasking, and briefing materials.

STANDARD: To convey the information within a time limit established by the Commander.

PERFORMANCE STEPS:

1. Review mission tasking.
2. Gather information resources.
3. Analyze data.
4. Prepare brief.
5. Deliver brief.
6. Field questions.

REFERENCES :

1. Local Standard Operating Procedures
 2. MCWP 2-22 Signals Intelligence
-

2600-SCTY-2001: Prepare an Emergency Action Plan (EAP)

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: Each accredited SCIF or secure area must establish an Emergency Action Plan (EAP) to be approved by the G-2/S-2 or SSO as appropriate.

GRADES: CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: With the aid references, a secure working environment, and classified material.

STANDARD: To safeguard classified material in the event of an emergency, within a time limit established by the Commander.

PERFORMANCE STEPS:

1. Create sequence of events.
2. Submit to proper authorities for approval.
3. Conduct rehearsal.

REFERENCES:

1. DODD 5105.21-M-1 Sensitive Compartmented Information (SCI) Security Manual, Administrative Security
 2. ICD 705 Sensitive Compartmented Information Facilities
 3. ICD 705 Technical Specifications Version 1.2
 4. ICS 705-1 Physical and Technical Standards for Sensitive Compartmented Information Facilities
 5. ICS 705-2 Standards for the Accreditation and Reciprocal Use of Sensitive Compartmented Information Facilities
 6. SECNAVINST 5510.30B Department of the Navy Personnel Security Program
 7. Local Standing Operating Procedures
-

2600-SCTY-2002: Establish a Tactical Sensitive Compartmented Information Facility (TSCIF)

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: TSCIFs are established to conduct TS/SCI operations.

GRADES: CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: With the aid of references and given mission tasking.

STANDARD: To support mission requirements, in the time allotted by the commander.

PERFORMANCE STEPS:

1. Review TSCIF requirements.
2. Obtain site location from advance party personnel, as required.
3. Request to establish a TSCIF.
4. Establish physical security requirements.
5. Send TSCIF activation notification.
6. Prepare an Emergency Destruction Plan (EDP).
7. Brief TSCIF personnel on security matters.
8. Maintain TSCIF access roster.
9. Conduct final TSCIF inspection.
10. Send TSCIF deactivation notification.

REFERENCES:

1. DODD 5200.1 DOD Information Security Program
 2. DODD TS-5105.21-M-2 Sensitive Compartmented Information (SCI) Security Manual, Communications Intelligence (COMINT) Policy
 3. ICD 705 Sensitive Compartmented Information Facilities
 4. ICD 705 Technical Specifications Version 1.2
 5. ICS 705-1 Physical and Technical Standards for Sensitive Compartmented Information Facilities
 6. ICS 705-2 Standards for the Accreditation and Reciprocal Use of Sensitive Compartmented Information Facilities
 7. SECNAVINST 5510.30B Department of the Navy Personnel Security Program
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2600-SCTY-2003: Construct a Field Expedient Antenna (FEA)

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

DESCRIPTION: SIGINT operators will be able to construct field expedient antennas.

GRADES: CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: With the aid of references, given mission tasking, antenna equipment, and currently fielded communications equipment and/or collection equipment.

STANDARD: To satisfy transmit and/or receive requirements, in the time allotted by the commander.

PERFORMANCE STEPS:

1. Review mission tasking.
2. Identify antenna characteristics based on antenna theory.
3. Identify operational constraints.
4. Identify environmental constraints.
5. Determine the appropriate FEA.
6. Construct antenna.
7. Establish communications, as required.
8. Establish collections, as required.

REFERENCES:

1. ISBN 978-0-87259-677-1 The ARRL Handbook for Radio Communications, 2012 Edition
 2. ISBN 978-0-87259-694-8 ARRL Antenna Book, 22nd Edition
 3. Local Standard Operating Procedures
 4. MCRP 3-40.3B Radio Operator's Handbook
 5. NAVEDTRA 10250 Principles of Radio Wave Transmission
 6. NAVEDTRA 172-10-00-83 Module 10 Introduction to Wave Propagation, Transmission Lines and Antennas
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2691-MGMT-2001: Manage SIGINT Analysis and Production

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: The Signals Intelligence/Electronic Warfare (SIGINT/EW) Chief will oversee SIGINT Analysis and Production to ensure timely and accurate reporting which conforms to legal compliance and minimization policy.

MOS PERFORMING: 2691

GRADES: MSGT, MGYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: With the aid of references, given intelligence requirements, and collected information.

STANDARD: To ensure SIGINT products satisfy intelligence requirements, in the time limit established by directives.

PERFORMANCE STEPS:

1. Review SIGINT reporting requirements.
2. Identify EEIs from intelligence requirements.
3. Prioritize analysis and production effort.
4. Manage requirements for production/dissemination.
5. Conduct intelligence gain/loss analysis, as required.
6. Enforce legal compliance and minimization policy.

REFERENCES:

1. Local Standard Operating Procedures
2. MCDP 1-0 Marine Corps Operations, Sep 2001
3. MCWP 2-22 Signals Intelligence
4. MCWP 2-3 MAGTF Intelligence Production and Analysis
5. National Intelligence Priorities Framework (NIPF)
6. USSID CR1400
7. USSID CR1500
8. USSID SP0009
9. USSID SP0018 (All Codes)

2691-MGMT-2002: Manage Electronic Warfare (EW) Operations

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: Manage and coordinate EW resources to support mission requirements to maximize effectiveness at all echelons. Additionally, the SIGINT/EW Chief supports development of EW plans.

MOS PERFORMING: 2691

GRADES: MSGT, MGYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: With the aid of references, given information requirements and/or tasking.

STANDARD: To ensure proper conduct and execution of EW operations, within a time limit established by the commander.

PERFORMANCE STEPS:

1. Review information requirements and/or tasking.
2. Apply legal considerations.
3. Support EW mission planning.
4. Coordinate with EWCC, as required.
5. Coordinate with national and theater agencies, as required.
6. Deconflict SIGINT support.
7. Apply measures of effectiveness.

REFERENCES:

1. Air Tasking Order
2. MCWP 2-22 Signals Intelligence
3. MCWP 3-40.5 Electronic Warfare
4. Radio Battalion Standard Operating Procedures
5. United States Signals Intelligence Directives

2691-PLAN-2001: Provide Support to Mission Planning

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: The Signals Intelligence/Electronic Warfare (SI/EW) Chief will focus on SIGINT/EW policy, manning, training and equipping in support of all phases of the Planning Process.

MOS PERFORMING: 2691

GRADES: MSGT, MGYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: With the aid of references, given an operations order, or requirement.

STANDARD: To meet SIGINT/EW operational support requirements within the time limit established by the Commander.

PERFORMANCE STEPS:

1. Review all applicable operations plans, orders and requirements.
2. Apply legal considerations
3. Draft annexes and appendices as required.
4. Determine SIGINT supportability.
5. Determine CYBER supportability.
6. Determine personnel requirements.
7. Determine unique skill set requirements.
8. Determine training requirements.

9. Determine equipment requirements.
10. Address shortfalls.

REFERENCES:

1. Local Standard Operating Procedures
 2. MCDP 1-0 Marine Corps Operations, Sep 2001
 3. MCO 1553.3_ Unit Training Management (UTM) Program
 4. MCO P3500.72 Marine Corps Ground Training and Readiness Program
 5. MCO P1200.17_ MOS Manual
 6. MCWP 2-22 Signals Intelligence
 7. MCWP 5-1 Marine Corps Planning Process
-

2691-PLAN-2002: Support the Collection Plan

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: The Signals Intelligence/Electronic Warfare (SI/EW) Chief will assist in the development of the Collection Plan. Additionally, SIGINT/EW Chief will manage the implementation of organic SIGINT/EW capabilities and facilitate external asset support.

MOS PERFORMING: 2691

GRADES: MSGT, MGYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: With the aid of references, given intelligence requirements, and a SIGINT IPB and/or JIPOE.

STANDARD: To leverage SIGINT/EW capabilities to meet operational support requirements in the time limit established by the Commander.

PERFORMANCE STEPS:

1. Review intelligence requirements.
2. Apply legal considerations.
3. Determine SIGINT/EW support to the operations plan.
4. Coordinate with external SIGINT/EW assets.
5. Review SIGINT/EW IPB and/or JIPOE.
6. Assign tasks to organic collection assets.
7. Generate information needs statement, as required.
8. Apply measures of effectiveness.
9. Apply measures of performance.

REFERENCES:

1. JP 2-01.3 Joint Intelligence Preparation of the Environment
2. Local Standard Operating Procedures
3. MCDP 1-0 Marine Corps Operations, Sep 2001
4. MCWP 2-2 MAGTF Intelligence Collection
5. MCWP 2-22 Signals Intelligence
6. MCWP 2-3 MAGTF Intelligence Production and Analysis

7. National Intelligence Priorities Framework (NIPF)
8. USSID CR1400
9. USSID CR1500
10. USSID SP0009
11. USSID SP0018 (All Codes)

2691-PLAN-2003: Conduct National/Tactical Integration

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: The Signals Intelligence/Electronic Warfare (SIGINT/EW) Chief will ensure the most effective use of available capabilities and resources in support of operations by coordinating with and leveraging national/tactical entities.

MOS PERFORMING: 2691

GRADES: MSGT, MGYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: With the aid of references, given intelligence requirements, and commanders intent.

STANDARD: To synchronize capabilities and resources in support of operations, in the time limit established by the Commander.

PERFORMANCE STEPS:

1. Apply legal considerations.
2. Conduct liaison with MAGTF Planners.
3. Conduct liaison with MAGTF Electronic Warfare Coordination Cell.
4. Conduct liaison with theater level SIGINT/EW/Cyber agencies and units.
5. Conduct liaison with national level SIGINT/EW/Cyber agencies and units.
6. Conduct liaison with agencies within the IC, as required.
7. Conduct liaison with support establishment.

REFERENCES:

1. MCDP 1-0 Marine Corps Operations, Sep 2001
 2. MCWP 2-22 Signals Intelligence
 3. MCWP 2-3 MAGTF Intelligence Production and Analysis
 4. National Intelligence Priorities Framework (NIPF)
 5. USSID CR1400
 6. USSID CR1500
 7. USSID SP0009
 8. USSID SP0018 (All Codes)
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SIGINT T&R MANUAL

CHAPTER 13

MOS 2700 INDIVIDUAL EVENTS

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SIGINT T&R MANUAL

CHAPTER 13

MOS 2700 INDIVIDUAL EVENTS

13000. PURPOSE. This chapter details the individual events that pertain to Global Linguists. Each individual event provides an event title, along with the conditions events will be performed under, and the standard to which the event must be performed to be successful.

13001. 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>
2700	Global Linguist

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

<u>Code</u>	<u>Description</u>
PROD	Production

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>
1000	Core Skills
2000	Core Plus Skills

13002. INDEX OF INDIVIDUAL EVENTS

EVENT CODE	EVENT	PAGE
1000-LEVEL		
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13003. 1000-LEVEL EVENTS**2700-PROD-1001:** Summarize conversations or broadcasts**EVALUATION-CODED:** NO**SUSTAINMENT INTERVAL:** 12 months

DESCRIPTION: The individual must be able to summarize the general content of a language conversation or broadcast rated at ILR level 2 or above and identify the Essential Elements of Information (EIs).

BILLETS: Global Linguist

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT, WO-1, CWO-2, CWO-3, CWO-4, CWO-5, 2NDLT, 1STLT, CAPT, MAJ, LTCOL, COL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Without the use of lexical aids and given a single pass of a recorded conversation or broadcast rated at ILR level 2 or above.

STANDARD: To provide general content information with at least 70% accuracy.**PERFORMANCE STEPS:**

1. Listen to a recorded conversation or broadcast.
2. Provide a general summary.
3. Provide a list of EIs.

REFERENCES:

1. DLIFLC Regulation 350-1
2. DoDI 5160.41E

2700-PROD-1002: Answer questions about conversations and broadcasts**EVALUATION-CODED:** NO**SUSTAINMENT INTERVAL:** 12 months

DESCRIPTION: The individual must be able to answer questions about the general content of a recorded target language conversation or broadcast rated at ILR level 2 or above.

BILLETS: Global Linguist

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT, WO-1, CWO-2, CWO-3, CWO-4, CWO-5, 2NDLT, 1STLT, CAPT, MAJ, LTCOL, COL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Without the use of lexical aids and given a single pass of a recorded conversation or broadcast rated at ILR level 2 or above.

STANDARD: To identify general content with at least 70% accuracy.

PERFORMANCE STEPS:

1. Listen to a recorded conversation.
2. Answer questions.

REFERENCES:

1. DLIFLC Regulation 350-1
 2. DoDI 5160.41E
-

2700-PROD-1003: Transcribe foreign language audio

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: The individual must be able to transcribe a recorded foreign conversation or broadcast rated at ILR level 2 or above.

BILLETS: Global Linguist

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT, WO-1, CWO-2, CWO-3, CWO-4, CWO-5, 2NDLT, 1STLT, CAPT, MAJ, LTCOL, COL

INITIAL TRAINING SETTING: FORMAL

CONDITION: With the use of lexical aids and a recorded conversation or broadcast rated at ILR level 2 or above.

STANDARD: To produce a verbatim text with at least 70% accuracy.

PERFORMANCE STEPS:

1. Review recorded conversation.
2. Utilize lexical aid(s).
3. Transcribe material.

REFERENCES:

1. DLIFLC Regulation 350-1
 2. DoDI 5160.41E
 3. Target Language Lexical Aids
-

2700-PROD-1004: Transcribe foreign language number strings

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: The individual must be able to transcribe foreign language number strings embedded within or in the absence of normal text.

BILLETS: Global Linguist

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT, WO-1, CWO-2, CWO-3, CWO-4, CWO-5, 2NDLT, 1STLT, CAPT, MAJ, LTCOL, COL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Without the use of lexical aids and given one pass of a recorded conversation or broadcast of numbers within or in the absence of normal context rated at ILR level 2 or above.

STANDARD: To provide a transcription with at least 70% accuracy.

PERFORMANCE STEPS:

1. Listen to a recorded conversation or broadcast.
2. Transcribe numbers.

REFERENCES:

1. DLIFLC Regulation 350-1
 2. DoDI 5160.41E
-

2700-PROD-1005: Answer questions about a typewritten text

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: The individual must be able to read a typewritten foreign language text rated at ILR level 2 or above and answer content questions.

BILLETS: Global Linguist

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT, WO-1, CWO-2, CWO-3, CWO-4, CWO-5, 2NDLT, 1STLT, CAPT, MAJ, LTCOL, COL

INITIAL TRAINING SETTING: FORMAL

CONDITION: With the use of lexical aids and a typewritten article in the target language rated at ILR level 2 or above.

STANDARD: To answer content questions with at least 70% accuracy.

PERFORMANCE STEPS:

1. Review typewritten article.
2. Utilize lexical aid(s).
3. Answer questions.

REFERENCES:

1. DLIFLC Regulation 350-1
 2. DoDI 5160.41E
 3. Target Language Lexical Aids
-

2700-PROD-1006: Answer questions about a handwritten text

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: The individual must be able to read a handwritten foreign language text rated at ILR level 2 or above and answer content related questions.

BILLETS: Global Linguist

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT, WO-1, CWO-2, CWO-3, CWO-4, CWO-5, 2NDLT, 1STLT, CAPT, MAJ, LTCOL, COL

INITIAL TRAINING SETTING: FORMAL

CONDITION: With the use of lexical aids and a handwritten article in the foreign language rated at ILR level 2 or above.

STANDARD: To answer content questions with at least 70% accuracy.

PERFORMANCE STEPS:

1. Review handwritten passage.
2. Utilize lexical aid(s).
3. Answer questions.

REFERENCES:

1. DLIFLC Regulation 350-1
 2. DoDI 5160.41E
 3. Target Language Lexical Aids
-

2700-PROD-1007: Translate foreign language text to English

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: The individual must be able to translate a typewritten passage in the foreign language rated at ILR level 2 or above into English.

BILLETS: Global Linguist

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT, WO-1, CWO-2, CWO-3, CWO-4, CWO-5, 2NDLT, 1STLT, CAPT, MAJ, LTCOL, COL

INITIAL TRAINING SETTING: FORMAL

CONDITION: With the use of lexical aids and a typewritten article in the foreign language rated at ILR level 2 or above.

STANDARD: To provide a translation with at least 70% accuracy.

PERFORMANCE STEPS:

1. Review typewritten article.
2. Utilize lexical aid(s).
3. Translate typewritten article into English.

REFERENCES:

1. DLIFLC Regulation 350-1
 2. DoDI 5160.41E
 3. Target Language Lexical Aids
-

2700-PROD-1008: Translate from English to a foreign language

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: The individual must be able to translate a typewritten English passage rated at ILR level 2 or above into the foreign language.

BILLETS: Global Linguist

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT, WO-1, CWO-2, CWO-3, CWO-4, CWO-5, 2NDLT, 1STLT, CAPT, MAJ, LTCOL, COL

INITIAL TRAINING SETTING: FORMAL

CONDITION: With the use of lexical aids and a typewritten article in English rated at ILR level 2 or above.

STANDARD: To produce a written translation with at least 70% accuracy.

PERFORMANCE STEPS:

1. Review typewritten English article.
2. Utilize lexical aid(s).
3. Translate typewritten article from English into the foreign language.

REFERENCES:

1. DLIFLC Regulation 350-1
 2. DoDI 5160.41E
 3. Target Language Lexical Aids
-

2700-PROD-1009: Ask questions in a foreign language

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: The individual must elicit biographical information from a native speaker of a foreign language.

BILLETS: Global Linguist

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT, WO-1, CWO-2, CWO-3, CWO-4, CWO-5, 2NDLT, 1STLT, CAPT, MAJ, LTCOL, COL

INITIAL TRAINING SETTING: FORMAL

CONDITION: With the use of lexical aids and provided a native speaker of a foreign language.

STANDARD: To elicit biographical information with at least 70% accuracy.

PERFORMANCE STEPS:

1. Utilize lexical aid(s).
2. Construct questions.
3. Interview speaker.
4. Scribe answers.
5. Provide biographical information.

REFERENCES:

1. DLIFLC Regulation 350-1
 2. DoDI 5160.41E
 3. Target Language Lexical Aids
-

2700-PROD-1010: Conduct basic consecutive two-way interpretation

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: The individual must be able to conduct two-way interpretation between a native speaker of the foreign language and a native speaker of English utilizing Consecutive Interpretation (CI) techniques*. *In Consecutive Interpretation (CI) the interpreter speaks after the source-language speaker has finished speaking. The speech is divided into segments, and the interpreter sits or stands beside the source-language speaker, listening and taking notes as the speaker progresses through the message. When the speaker pauses or finishes speaking, the interpreter then renders a portion of the message or the entire message in the target language.

BILLETS: Global Linguist

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT, WO-1, CWO-2, CWO-3, CWO-4, CWO-5, 2NDLT, 1STLT, CAPT, MAJ, LTCOL, COL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Without the use of lexical aids and provided a native speaker of the foreign language and a native speaker of English utilizing speech at ILR level 1+ or above.

STANDARD: To facilitate communication with at least 70% accuracy.

PERFORMANCE STEPS:

1. Interpret from English to the foreign language.
2. Interpret from foreign language to English.

REFERENCES:

1. DLIFLC Regulation 350-1
 2. DoDI 5160.41E
-

13004. 2000-LEVEL EVENTS

2700-PROD-2001: Summarize foreign language conversations or broadcasts

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: The individual must be able to summarize general content and identify specific content of a language conversation or broadcast rated at ILR level 2+ or above and identify the Essential Elements of Information (EIs).

BILLETS: Global Linguist

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT, WO-1, CWO-2, CWO-3, CWO-4, CWO-5, 2NDLT, 1STLT, CAPT, MAJ, LTCOL, COL

INITIAL TRAINING SETTING: MOJT

CONDITION: Without the use of lexical aids given a recorded conversation or broadcast rated at ILR level 2+ above.

STANDARD: To provide general content information and identify EEI specifics at 80% accuracy.

PERFORMANCE STEPS:

1. Listen to a recorded conversation or broadcast.
2. Provide a general summary.
3. Expand upon EEI specific content related to information requirements (IRs).

REFERENCES:

1. DLIFLC Regulation 350-1
 2. DoDI 5160.41E
-

2700-PROD-2002: Conduct Quality Control of translated products

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: The individual must conduct Quality Control of translated products of ILR 2+ from a foreign language to English and from English to a foreign language.

BILLETS: Global Linguist

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT, WO-1, CWO-2, CWO-3, CWO-4, CWO-5, 2NDLT, 1STLT, CAPT, MAJ, LTCOL, COL

INITIAL TRAINING SETTING: MOJT

CONDITION: With the use of lexical aids and translated product.

STANDARD: To validate translations with at least 80% accuracy.

PERFORMANCE STEPS:

1. Review translated product.
2. Utilize lexical aid(s).
3. Provide correction(s) as needed.
4. Produce validated translation.

REFERENCES:

1. DLIFLC Regulation 350-1
 2. DoDI 5160.41E
-

2700-PROD-2003: Transcribe foreign language audio

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: The individual must be able to transcribe a recorded foreign conversation or broadcast rated at ILR level 2+ or above.

BILLETS: Global Linguist

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT, WO-1, CWO-2, CWO-3, CWO-4, CWO-5, 2NDLT, 1STLT, CAPT, MAJ, LTCOL, COL

INITIAL TRAINING SETTING: MOJT

CONDITION: With the use of lexical aids and a recorded conversation or broadcast rated at ILR level 2+ or above.

STANDARD: To produce a verbatim text with at least 80% accuracy.

PERFORMANCE STEPS:

1. Review recorded conversation.
2. Utilize lexical aid(s).
3. Transcribe material.

REFERENCES:

1. DLIFLC Regulation 350-1
 2. DoDI 5160.41E
 3. Target Language Lexical Aids
-

2700-PROD-2004: Transcribe foreign language number strings

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: The individual must be able to transcribe foreign language numbers in context; e.g. phone numbers, addresses, routing numbers, and bank account numbers.

BILLETS: Global Linguist

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT, WO-1, CWO-2, CWO-3, CWO-4, CWO-5, 2NDLT, 1STLT, CAPT, MAJ, LTCOL, COL

INITIAL TRAINING SETTING: MOJT

CONDITION: Without the use of lexical aids and given a recorded conversation or broadcast of contextualized numbers rated at ILR level 2+ or above.

STANDARD: To provide a transcription with at least 80% accuracy.

PERFORMANCE STEPS:

1. Listen to a recorded conversation or broadcast.
2. Transcribe numbers.

REFERENCES:

1. DLIFLC Regulation 350-1
 2. DoDI 5160.41E
-

2700-PROD-2005: Answer questions about a foreign language text

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: The individual must be able to read a foreign language text rated at ILR level 2+ or above and answer specific questions.

BILLETS: Global Linguist

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT, WO-1, CWO-2, CWO-3, CWO-4, CWO-5, 2NDLT, 1STLT, CAPT, MAJ, LTCOL, COL

INITIAL TRAINING SETTING: MOJT

CONDITION: With the use of lexical aids and an article in the foreign language rated at ILR level 2+ or above.

STANDARD: To answer content questions with at least 80% accuracy.

PERFORMANCE STEPS:

1. Review typewritten article.
2. Utilize lexical aid(s).
3. Answer content questions.

REFERENCES:

1. DLIFLC Regulation 350-1
 2. DoDI 5160.41E
 3. Target Language Lexical Aids
-

2700-PROD-2006: Support DOMEX

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: The individual must be able to read foreign language text such as pocket litter or material obtained during site exploitation rated at ILR level 2+ or above and answer content related questions.

BILLETS: Global Linguist

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT, WO-1, CWO-2, CWO-3, CWO-4, CWO-5, 2NDLT, 1STLT, CAPT, MAJ, LTCOL, COL

INITIAL TRAINING SETTING: MOJT

CONDITION: With the use of lexical aids and given foreign language documents or media at ILR 2+ or above.

STANDARD: To answer content questions relating to information requirements with at least 80% accuracy.

PERFORMANCE STEPS:

1. Review documents or media.
2. Utilize lexical aid(s).
3. Answer questions related to IRs.

REFERENCES:

1. DLIFLC Regulation 350-1
 2. DoDI 5160.41E
 3. Target Language Lexical Aids
-

2700-PROD-2007: Translate foreign language text to English

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: The individual must be able to translate a typewritten passage in the foreign language rated at ILR level 2+ or above into grammatically correct English.

BILLETS: Global Linguist

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT, WO-1, CWO-2, CWO-3, CWO-4, CWO-5, 2NDLT, 1STLT, CAPT, MAJ, LTCOL, COL

INITIAL TRAINING SETTING: MOJT

CONDITION: With the use of lexical aids and a typewritten article in the foreign language rated at ILR level 2+ or above.

STANDARD: To provide an English translation with at least 80% accuracy.

PERFORMANCE STEPS:

1. Review typewritten article.
2. Utilize lexical aid(s).
3. Translate typewritten article into English.

REFERENCES:

1. DLIFLC Regulation 350-1
 2. DoDI 5160.41E
 3. Target Language Lexical Aids
-

2700-PROD-2008: Translate from English to a foreign language

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: The individual must be able to translate an English passage rated at ILR level 2+ or above into the foreign language.

BILLETS: Global Linguist

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT, WO-1, CWO-2, CWO-3, CWO-4, CWO-5, 2NDLT, 1STLT, CAPT, MAJ, LTCOL, COL

INITIAL TRAINING SETTING: MOJT

CONDITION: With the use of lexical aids and an English article rated at ILR level 2+ or above.

STANDARD: To produce a written translation with at least 80% accuracy.

PERFORMANCE STEPS:

1. Review typewritten English article.
2. Utilize lexical aid(s).
3. Translate typewritten article from English into the foreign language.

REFERENCES:

1. DLIFLC Regulation 350-1
 2. DoDI 5160.41E
 3. Target Language Lexical Aids
-

2700-PROD-2009: Ask questions in a foreign language

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: The individual must elicit information from a native speaker of a foreign language as related to IRs.

BILLETS: Global Linguist

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT, WO-1, CWO-2, CWO-3, CWO-4, CWO-5, 2NDLT, 1STLT, CAPT, MAJ, LTCOL, COL

INITIAL TRAINING SETTING: MOJT

CONDITION: With the use of lexical aids, information requirements, and provided a native speaker of a foreign language.

STANDARD: To elicit information as related to IRs with at least 80% accuracy.

PERFORMANCE STEPS:

1. Utilize lexical aid(s).
2. Construct questions.
3. Interview speaker.
4. Scribe answers.

REFERENCES:

1. DLIFLC Regulation 350-1
 2. DoDI 5160.41E
 3. Target Language Lexical Aids
-

2700-PROD-2010: Conduct Consecutive Interpretation (CI)

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: The individual must be able to conduct Consecutive Interpretation between a native speaker of the foreign language and a native speaker of English utilizing CI techniques*. *In CI the interpreter speaks after the source-language speaker has finished speaking. The speech is divided into segments, and the interpreter sits or stands beside the source-language speaker, listening and taking notes as the speaker progresses through the message. When the speaker pauses or finishes speaking, the interpreter then renders a portion of the message or the entire message in the target language.

BILLETS: Global Linguist

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT, WO-1, CWO-2, CWO-3, CWO-4, CWO-5, 2NDLT, 1STLT, CAPT, MAJ, LTCOL, COL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Without the use of lexical aids and provided a native speaker of the foreign language and a native speaker of English utilizing speech at ILR level 2 or above.

STANDARD: To facilitate communication with at least 80% accuracy.

PERFORMANCE STEPS:

1. Interpret from English to the foreign language.

2. Interpret from foreign language to English.

REFERENCES:

1. DLIFLC Regulation 350-1
 2. DoDI 5160.41E
-

2700-PROD-2011: Conduct basic Simultaneous Interpretation (SI)

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: The individual must be able to conduct basic SI between a native speaker of the foreign language and a native speaker of English. *In SI the interpreter renders the message in English as quickly as he or she can formulate from the foreign language as the source speaks.

BILLETS: Global Linguist

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT, WO-1, CWO-2, CWO-3, CWO-4, CWO-5, 2NDLT, 1STLT, CAPT, MAJ, LTCOL, COL

INITIAL TRAINING SETTING: MOJT

CONDITION: Without the use of lexical aids and provided a native speaker of the foreign language and a native speaker of English utilizing speech at ILR level 2 or above.

STANDARD: To convey communication with at least 70% accuracy.

PERFORMANCE STEPS:

1. Interpret from foreign language to English.

REFERENCES:

1. DLIFLC Regulation 350-1
 2. DoDI 5160.41E
-

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APPENDIX A

ACRONYMS AND ABBREVIATIONS

AAR	After Action Report
ACL	Access Lists
AFTTP	Air Force Tactics, Trends, and Procedures
ANYS	Analysis
ATC	Authority to Connect
ATO	Air Tasking Order
ATO	Authority to Operate
CE	Computing Environment
CEOI	Communications Electronics Operating Instruction
CI	Consecutive Interpretation
CIA	Central Intelligence Agency
CNA	Computer Network Analysis
CND	Computer Network Defense
CNE	Computer Network Exploitation
COLL	Collections
COMINT	Communications Intelligence
COMM	Communications
COMPUSEC	Computer Security
COMSEC	Communications Security
CSP	Cryptologic Security Policy
CYBER	Cyberspace
DCID	Director of Central Intelligence Directive
DCGS	Distributed Common Ground System
DISS	Dissemination
DLIFLC	Defense Language Institute Foreign Language Center
DNS	Domain Name System
DoD	Department of Defense
DoDD	Department of Defense Directive
DoDI	Department Of Defense Instruction
DODIIS	Department of Defense Intelligence Information System
DOTMLPF	Doctrine Organization Training Material Leadership Personnel Facility
EA	Electronic Attack
EAP	Emergency Action Plan
EDP	Emergency Destruction Plan
EEI	Essential Elements of Information
EKMS	Electronic Key Management System
ELINT	Electronic Intelligence
EMS	Electromagnetic Spectrum
EO	Executive Order
EOB	Electronic Order of Battle
EPL	ELINT Parameters Limit
EW	Electronic Warfare
EWCC	Electronic Warfare Coordination Center
EXPL	Exploitation
FISINT	Foreign Instrument Signals Intelligence
FM	Field Manual (Army)

GENI General Intelligence
 HHQ Higher Headquarters
 HUMINT Human Intelligence
 I&W Indications and Warnings
 IAM Information Assurance Manager
 IAT Information Assurance Technician
 IATO Interim Authority to Operate
 IAVA Information Assurance Vulnerability Alert
 IAVB Information Assurance Vulnerability Bulletin
 IBR Integrated Broadcast Receiver
 IC Intelligence Community
 ICD Intelligence Community Directive
 IGL Intelligence Gain/Loss
 ILR Interagency Language Roundtable
 INFOSEC Information Security
 IO Information Operations
 IPB Intelligence Preparation of the Battlespace/Battlefield
 IP Internet Protocol
 IPSEC Internet Protocol Security
 IR Intelligence Requirements
 IRINT Infrared Intelligence
 ISBN International Standard Book Number
 ISSM Information Systems Security Manager
 JIPOE Joint Intelligence Preparation of the Operating Environment
 JP Joint Publication
 LAN Local Area Network
 MAGTF Marine Air-Ground Task Force
 MASINT Measures and Signatures Intelligence
 MCDP Marine Corps Doctrinal Publication
 MCISR-E Marine Corps Intelligence, Surveillance
 and Reconnaissance Enterprise
 MCO Marine Corps Order
 MCPP Marine Corps Planning Process
 MCRP Marine Corps Reference Publication
 MCWP Marine Corps Warfighting Publication
 MEF Marine Expeditionary Force
 MGMT Management
 MOE Measure of Effectiveness
 MOJT Manage On the Job Training
 MOP Measure of Performance
 MOS Military Occupational Specialties
 NADM Network Administration
 NAVEDTRA Naval Education and Training Command
 NE Network Environment
 NIPF National Intelligence Priorities Framework
 NRTD Near Real-time Data
 NSA National Security Agency
 NSCID National Security Council Intelligence Directive
 NTI National-Tactical Integration
 OCAC Operations Control and Analysis Center
 OCE Operations Control Element
 OOB Order of Battle
 OPSEC Operations Security
 PLAN Planning

PORPrograms of Record
 PROD Production
 PSP Personnel Security Program
 RADBN Radio Battalion
 RADINT Radio Intelligence
 RF Radio Frequency
 S-2 Intelligence Staff Section
 SCIF Sensitive Compartmented Information Facility
 SCTY Security
 SECNAVINST Secretary of the Navy Instruction
 SEDSCAF Standard Electronic Intelligence Data Systems Codes and Formats
 SI/EW SIGINT/Electronic Warfare
 SIGAD SIGINT Address
 SIGINT Signals Intelligence
 SMGT SIGINT Management
 SOP Standard Operating Procedure
 T&R Training and Readiness
 T-SCIF Tactical Sensitive Compartmented Information Facility
 TCAC Technical Control and Analysis Center
 TCOM Tactical Communication
 TDP Tactical Data Processor
 TGL Technical Gain/Loss
 TM Technical Manual
 TO/E Table of Organization/Equipment
 TPI Two-Person Integrity
 TRGT Targeting
 TS/SCI Top Secret/Sensitive Compartmented Information
 UPS Uninterruptable Power Supply
 USSID United States Signals Intelligence Directive
 UTM Unit Training Management
 VMAQ Marine Tactical Electronic Warfare Squadron
 WAN Wide Area Network

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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 Publication 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 United States 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).

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

SUPPORTING EVENTS FOR TEAM OPERATIONS

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SIGINT T&R MANUAL

APPENDIX C

SUPPORTING EVENTS FOR TEAM OPERATIONS

1000. PURPOSE. Appendix C contains all collective and individual training events from the Reconnaissance, Infantry, and Amphibious Assault communities that support the SIGINT collective event *SIEW-OPS-4001: Conduct Team Operations*. Specifically, these other-community events support Radio Reconnaissance Teams (RRT), Mobile Electronic Warfare Support System Teams (MEWSS), and SIGINT Support Teams (SST). Specific information regarding these events can be found at:

- a. MOS 0206 Events: NAVMC 3500.100A, Intelligence T&R
- b. MOS 0300, 0331, and INF Events: NAVMC 3500.44A, Infantry T&R
- c. MOS 0313 Events: NAVMC 3500.16A, Light Armored Reconnaissance T&R
- d. MOS RECN Events: NAVMC 3500.55B, Reconnaissance T&R

1001. EVENT CODING. Supporting events are depicted with an up to 12-character, 3-field alphanumeric system, i.e. XXXX-XXXX-XXXX. These events utilize the following methodology:

a. Field one. This field represents the community. These events contain the following community codes:

<u>Code</u>	<u>Description</u>
0206	Signals Intelligence/Ground Electronic Warfare Officer
0300	Basic Infantryman
0313	Light Amphibious Vehicle Crewman
0331	Machine Gunner
INF	Infantry
RECN	Reconnaissance Man

b. Field two. This field represents the functional/duty area. These events contain the following functional/duty areas:

<u>Code</u>	<u>Description</u>
AMPH	Amphibious Operations
COLL	Collection
COMM	Communication
COND	Combat Conditioning
DEMO	Demolitions, Munitions, and Specialized Demolitions
DISS	Dissemination
GRND	Ground Operations
M240	Medium Machinegun Operations (M240)
MAN	Maneuver
MMG	Medium Machinegun Operations (M240)
MNVR	Maneuver
MOBL	Mobility
MOUT	Military Operations in Urban Terrain
OFF	Offense

PAT Patrolling
 PLAN Planning
 PMCS Preventative Maintenance Checks and Services
 PROD Production
 RECN Reconnaissance
 SHAP Shaping Operations
 SPIE Specialized Insertion and Extraction
 SMGT SIGINT Management
 TCOM Tactical Communications
 TRNG Training
 TVEH Tactical Vehicle Operations

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

Code	Description
1000	Core Individual Events
2000	Core-Plus Individual Events
3000	Team Level Collective Events
4000	Squad-Level Collective Events

1002. INDEX OF EVENTS

EVENT CODE	EVENT
INTELLIGENCE T&R MANUAL (NAVMC 3500.100A)	
0206-COLL-1001	Direct SIGINT Collection Operations
0206-DISS-1001	Direct SIGINT/EW Dissemination
0206-PLAN-1001	Conduct SIGINT Support to Planning
0206-PLAN-1002	Provide Support to EW Planning
0206-PLAN-1003	Direct SIGINT Support to IPB process
0206-PROD-1001	Direct SIGINT Analysis/Production
0206-PROD-1002	Direct SIGINT Reporting
0206-TCOM-1001	Manage Sensitive Compartmented Information Facility (SCIF) Operations
0206-TCOM-1002	Validate Communication Architecture
0206-SMGT-2001	Provide Support to Cyberspace Operations
LIGHT ARMORED RECONNAISSANCE (LAR) T&R MANUAL (NAVMC 3500.16A)	
0313-COMM-1000	Communicate using LAV intercom equipment
0313-M240-1002	Load the M240 variant 7.62mm pintle-mounted Machinegun
0313-M240-1003	Unload the M240 variant 7.62mm pintle-mounted Machinegun
0313-MOBL-1001	Operate an LAV in water
0313-MOBL-1002	Recover a disabled LAV
0313-MOBL-1003	Drive an LAV
0313-PMCS-1001	Perform PMCS on the LAV hull
0313-PMCS-1003	Maintain the vehicle SL-3 equipment

0313-M240-2006	Engage targets with the M240 variant 7.62mm pintle-mounted machinegun
0313-MNVR-2000	Participate in tactical formations and movement Techniques
0313-OFF-2100	Conduct actions on contact
0313-OFF-2105	Conduct a passage of lines as a moving unit
0313-PMCS-2003	Supervise maintenance of the LAV
0313-RECN-2100	Lead an LAR unit during armored reconnaissance operations
0313-MOBL-3001	Recover an LAV
INFANTRY T&R MANUAL (NAVMC 3500.44A)	
0300-MOUT-1001	Perform individual movement in an urban environment (A)
0300-MOUT-1002	Perform individual actions while clearing a room (A)
0300-PAT-1001	Determine the error in a lensatic compass (D)
0300-PAT-1002	Navigate with a map and compass (C)
0300-PAT-1003	Navigate with a compass (C)
0300-PAT-1004	Prepare for combat (D)
0300-PAT-1005	Perform individual movement techniques (A)
0300-PAT-1007	Perform individual actions in passage of lines (D)
0300-PAT-1008	Perform individual actions in a patrol (A)
0300-PAT-1009	Perform immediate actions upon contact with the enemy (A)
0300-PAT-1010	Perform individual actions from a vehicle (A)
0300-PAT-1011	Visually identify Improvised Explosive Device (IED) (C)
0300-PAT-1012	React to an Improvised Explosive Device (IED) (B)
0300-MOBL-2001	Lead a team/squad in convoy/motorized operations (D)
0300-MOBL-2003	Conduct mounted land navigation (C)
0300-PAT-2001	Develop a warning order (A)
0300-PAT-2002	Write a combat order (A)
0300-PAT-2003	Issue a combat order (D)
0300-PAT-2004	Develop a map overlay (C)
0300-PAT-2005	Select a route utilizing a topographical map (A)
0300-PAT-2006	Navigate with a Global Positioning System (GPS) (B)
0300-TRNG-2001	Lead a debrief (D)
0300-TVEH-2001	Establish a load plan for a tactical vehicle (D)
0300-TVEH-2002	Prepare an immobilized vehicle for towing operations from the front (four wheels in contact with the ground) (D)
0300-TVEH-2004	Conduct non-standard recovery methods for a tactical vehicle (D)
0300-TVEH-2005	Maneuver a tactical vehicle during off-road operations (D)
0300-TVEH-2006	Camouflage a tactical vehicle (D)
0300-TVEH-2009	Communicate using hand and arm signals (D)
0300-TVEH-2010	Perform tactical vehicle maneuvers
0300-TVEH-2017	Provide security during vehicle security halts (D)
0331-MMG-1001	Perform operator maintenance for an M240B medium machinegun and associated components

0331-MMG-1004	Operate an M240B medium machinegun
0331-MMG-1013	Perform immediate action on an M240B medium machinegun
0331-MMG-1014	Perform remedial action on an M240B medium machinegun
INF-MAN-3002	Clear a room (B)
INF-MAN-3203	Conduct assembly area operations (D)
INF-MAN-3301	Conduct a patrol (D)
INF-MAN-4004	Clear a fortified position (D)
INF-MAN-4201	Conduct assembly area operations (D)
INF-MAN-4204	Support by fire/Overwatch (D)
INF-MAN-4209	React to a meeting engagement (D)
INF-MAN-4210	React to snipers in an urban environment (B)
RECONNAISSANCE T&R MANUAL (NAVMC 3500.55B)	
RECN-AMPH-1002	Prepare equipment for transit on a maritime platform
RECN-AMPH-1003	Operate a small craft
RECN-AMPH-1009	Execute a surface swim
RECN-AMPH-1013	Set Up a Beach Landing Site
RECN-COND-1004	Execute the Reconnaissance Aquatic Competency Test
RECN-DEMO-1002	Engage a target with an M67 fragmentation grenade
RECN-DEMO-1003	Eplace an M18A1 Claymore mine
RECN-GRND-1001	Execute duties within a reconnaissance patrol
RECN-GRND-1002	Perform individual movement techniques while patrolling
RECN-GRND-1003	Perform individual actions in a recon patrol
RECN-GRND-1004	Perform immediate actions as a member of a recon patrol upon contact with the enemy
RECN-GRND-1008	Navigate with a compass
RECN-GRND-1009	Navigate with a map and compass
RECN-GRND-1010	Navigate utilizing a Global Positioning System (GPS)
RECN-GRND-1016	Employ anti-tracking techniques
RECN-GRND-1020	Set Up a Helicopter Landing Site
RECN-PLAN-1004	Prepare a Route Overlay
RECN-PLAN-1007	Develop a warning order
RECN-PLAN-1008	Write a 5-Paragraph order
RECN-SHAP-1001	Call for indirect fire using the grid method
RECN-SHAP-1002	Call for indirect fire using the polar method
RECN-SHAP-1003	Prepare a 9-Line brief for CAS
RECN-SHAP-1004	Prepare a 6-Line brief for CAS
RECN-SPIE-1003	Conduct fast rope operations
RECN-SPIE-1004	Extract via a SPIE operation
RECN-SPIE-1005	Conduct rappelling operations
RECN-SPIE-1006	Execute a soft duck/helicast operation
RECN-AMPH-2001	Lead a team in an Over The Horizon (OTH) operation
RECN-AMPH-2408	Lead a team to establish a Beach Landing Site

RECN-GRND-2402	Lead a patrol
RECN-GRND-2407	Supervise the operation of a Observation Post (OP)
RECN-GRND-2408	Supervise the operation of a Hide Site
RECN-GRND-2411	Lead a team to establish a Helicopter Landing Site
RECN-PLAN-2403	Issue a warning order
RECN-PLAN-2405	Evaluate a route plan
RECN-PLAN-2412	Conduct mission planning
RECN-PLAN-2517	Issue an operation order
RECN-SHAP-2001	Call for indirect fire using the shift from a known point method
RECN-SHAP-2005	Facilitate a Close Air Support (CAS) Type II or Type III terminal attack control as an observer (A)
RECN-SPIE-2501	Lead a platoon conducting Specialized Insertion and Extraction
RECN-AMPH-4002	Conduct small craft movement
RECN-AMPH-4004	Conduct a clandestine amphibious landing/withdrawal
RECN-AMPH-4010	Conduct mounted / dismounted engagements
RECN-GRND-4005	Execute immediate actions upon contact with the enemy
RECN-GRND-4007	Conduct a dismounted patrol
RECN-GRND-4020	Establish and operate an observation post
RECN-GRND-4025	Conduct a linkup
RECN-SPIE-4003	Conduct HRST Operations