



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

MCO 3430.2C  
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7 Jun 11

MARINE CORPS ORDER 3430.2C

From: Commandant of the Marine Corps  
To: Distribution List

Subj: POLICY FOR ELECTRONIC WARFARE

Ref: (a) CJCSI 3210.03C, "Joint Electronic Warfare Policy,"  
September 17, 2008 (NOTAL)  
(b) CJCSI 3210.04, "Joint Electronic Warfare  
Reprogramming," July 22, 2008  
Policy," 22 July, 08 (NOTAL)  
(c) Joint Publication 3-13.1, "Electronic Warfare,"  
January 25, 2007  
(d) MCO 2400.2A  
(e) MCWP 3-40.5  
(f) DC, CD&I letter of 24 Apr 2009 establishing the MAGTF  
Electronic Warfare Doctrine, Organization, Training,  
Materiel, Leadership, Personnel, Facilities Working  
Group (NOTAL)  
(g) MCO 4000.57A  
(h) MCO 5320.12G  
(i) SECNAV M-5210.1  
(j) USMC Service Campaign Plan 2009-2015 MOD 1 (NOTAL)

1. Situation. To promulgate policy, guidance, and organizational relationships for Electronic Warfare (EW) within the Marine Corps, per references (a) through (j). This Order is a substantial revision and should be read in its entirety.

2. Cancellation. MCO 3430.2B.

3. Mission

a. Marine Air Ground Task Force (MAGTF) operations are conducted in increasingly complex electromagnetic environments. The ability to exploit and control the electromagnetic spectrum (EMS) at the time and place of the Commander's choosing is critical to the success of the MAGTF throughout the full range of military operations. In order to retain freedom of maneuver within the EMS, the MAGTF must contain an

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organic mixture of ground and airborne EW capabilities able to support stand-alone MAGTF operations, as well as seamlessly integrate and complement joint air, ground, space, and naval surface capabilities.

b. This Order supports Joint EW Policy and establishes the responsibilities and organizational relationships between the different organizations of the USMC that provide EW capabilities and support to the MAGTF Commander.

c. References (a) and (b) provide Joint guidance for implementing EW policy throughout the Joint Staff, Services, Combatant Commands, DOD Agencies and joint activities.

d. Reference (c) provides Joint doctrine for electronic warfare planning, preparation, execution, and assessment in support of Joint operations across the range of military operations.

e. Reference (d) establishes policy, guidance, and procedures for the effective and efficient management of the EMS within the Marine Corps.

f. Reference (e) provides Marine Corps doctrine for electronic warfare planning, preparation, execution, and assessment in support of Joint operations across the range of military operations.

g. Reference (f) establishes the MAGTF EW Doctrine, Organization, Training, Materiel, Leadership and education, Personnel, and Facilities (DOTMLPF) Working Group (DWG) and clarifies the membership and tasks of the MAGTF EW DWG.

#### 4. Execution

##### a. Commander's Intent and Concept of Operations

(1) Commander's Intent. The Marine Corps must field forces capable of establishing and maintaining freedom of maneuver within the EMS. MAGTF EW must be able to integrate airborne and ground capabilities to provide the MAGTF commander a coordinated capability to control the Electro-Magnetic Spectrum (EMS) at the time and place of his choosing. The Marine Corps will:

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(a) Organize, train, equip, and provide Marine Corps EW forces and capabilities to support Joint operations as appropriate and per reference (a).

(b) Individually, or in conjunction with the other Services, develop EW tactics, techniques, procedures and equipment employable by Marine Corps forces for use in operations.

(c) Develop a cadre of MAGTF personnel highly knowledgeable of the EMS and EW to support the Marine Corps in requirements and capabilities development, acquisition, planning, programming, and operations.

(d) Familiarize and train MAGTF leadership, at all levels, in EMS concepts, capabilities, employment alternatives, and support request procedures.

(2) Concept of Operations. Marine Corps EW policy is directed at validating MAGTF warfighting requirements; developing concepts of operations/deployment and desired performance parameters; identifying capability gaps; and providing capabilities to the MAGTF Commander in support of operations. The Marine Corps is focused on providing EW capabilities to the MAGTF commander.

b. Subordinate Element Missions

(1) Deputy Commandant, Plans, Policies and Operations (DC, PP&O) shall:

(a) Establish Marine Corps EW policy consistent with reference (a). As such, DC, PP&O will serve as the Marine Corps representative and point of contact to the Office of the Secretary of Defense (OSD), Joint Staff, Services, Combatant Commands (COCOM) and external agencies regarding EW policy matters.

(b) Coordinate the assignment of personnel to serve as members or observers of commissions, boards, advisory groups, or committees external to the Marine Corps which require Marine Corps representation on EW policy matters.

(c) Monitor and participate in liaison with OSD, Joint Staff, Services, external agencies and private industry involving the exchange of information pursuant to improving MAGTF EW capabilities.

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(d) Coordinate with other Marine Corps departments and Marine Corps Systems Command (MARCORSYSCOM) on EW policy and programs.

(e) Ensure developing Joint or Allied EW policy does not adversely impact existing or developing Marine Corps EW systems, policies, or doctrine.

(f) Ensure EW systems and doctrines are incorporated in the Marine Corps Information Operations (IO) policy, doctrine, tactics, techniques, and procedures (TTP).

(g) Provide a permanent member to the MAGTF EW DWG.

(h) Provide a permanent member to the Executive Steering Group (ESG) for the MAGTF EW DWG, serving as Chair when required by reference (f).

(i) Provide EW subject matter expertise to other Marine Corps staff agencies as required.

(2) Deputy Commandant, Combat Development & Integration (DC, CD&I) shall:

(a) Serve as the MAGTF Advocate for EW and lead for all combat development activities conducted in the execution of MAGTF EW within the context of the Expeditionary Force Development System (EFDS).

(b) Coordinate the assignment of personnel to serve as members or observers of commissions, boards, advisory groups, or committees external to the Marine Corps which require Marine Corps representation on EW requirements, capabilities, or integration matters.

(c) Coordinate with the Joint Staff, Services, COCOMs, Allies and external agencies regarding MAGTF EW matters, other than policy.

(d) Develop and publish MAGTF EW requirements, concepts, studies, doctrine and TTP.

(e) Establish guidelines and procedures for the integration of all elements of MAGTF EW as a part of combined arms within campaign plans, operations, and exercises.

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(f) Conduct mission area analyses for all assigned MAGTF EW mission areas and ensure strategy is included in appropriate simulations, models, and exercises.

(g) Identify and validate MAGTF EW requirements and establish necessary changes to DOTMLPF.

(h) Establish priorities for acquisition of MAGTF EW-related equipment, to include both operational and training equipment, and monitor the progress of MARCORSSYSCOM, Program Executive Officer (PEO) Land Systems (LS) Marine Corps, and Naval Air Systems Command (NAVAIRSSYSCOM) in acquiring EW equipment.

(i) Provide a permanent member to the MAGTF EW DWG.

(j) Provide a permanent member to the ESG for the MAGTF EW DWG, serving as Chair when required by reference (f).

(k) Establish and ensure MAGTF EW doctrine and concepts are implemented in appropriate Marine Corps training programs.

(l) Ensure adequate EW instruction is included in courses of instruction at Marine Corps Service Schools, to include lessons provided through the Marine Corps Institute. Identify Military Occupational Specialty (MOS) and billet requirements for EW instructors to support those programs.

(m) Ensure that adequate instruction and formal training in all aspects of MAGTF EW are incorporated into the curricula of other Service and Joint formal schools.

(3) Deputy Commandant, Program & Resources (DC, P&R)  
shall:

(a) Direct, coordinate, and supervise the implementation of funding decisions that impact EW as those decisions emerge from the Program Objective Memorandum (POM) process.

(b) Assess EW funding levels to ascertain compliance with the following:

(1) Budget, programming, and resource realities.

(2) OSD/SECNAV guidance.

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(c) When necessary, provide budget and programming expertise as it pertains to EW funding decisions before external agencies.

(4) Deputy Commandant, Aviation (DC, AVN) shall:

(a) Serve as the acquisition sponsor, via the Chief of Naval Operations (N2/N6 and N88), for Navy EW systems which satisfy the MAGTF EW aviation requirements.

(b) Prepare and assist in the review of operational requirements, to include appropriate studies, for aviation capabilities and systems as they pertain to MAGTF EW.

(c) Monitor the operational employment of MAGTF EW aviation systems to determine operational suitability, requirements for systems upgrades, and changes to tactics.

(d) Review applicable PPBS documentation on aviation EW systems and provides comments/recommendations on the adequacy of those programs.

(e) Assign members to appropriate commissions, boards, advisory panels, or committees external to the Marine Corps which require representation from DC, AVN on aviation EW matters.

(f) Review aviation EW training and education standards for aviation MAGTF EW training, to include the development of future requirements for training devices and simulators necessary to accomplish MAGTF EW training of aviation personnel.

(g) Coordinate aviation EW activities with appropriate USMC ground EW advocates.

(h) Participate in the formulation, review, and evaluation of Joint/Combined EW actions/plans.

(i) Coordinate with Commander, NAVAIRSYSCOM and MARCORSYSCOM to ensure that adequate EW features are incorporated into aviation systems under development.

(j) Coordinate all aviation EW MOS requirements.

(k) Provide a permanent member to the MAGTF EW DWG.

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(1) Provide a permanent member to the ESG for the MAGTF EW DWG, serving as Chair when required by reference (f).

(5) Deputy Commandant, Installations and Logistics (DC, I&L) shall: Coordinate the total life cycle management of MAGTF EW systems from inception to disposal, as required by reference (g), to ensure that trends from old systems being replaced are properly addressed in the requirements process.

(6) Deputy Commandant, Manpower and Reserve Affairs (DC, M&RA) shall:

(a) Ensure that all Marine Corps and Joint EW designated billets are filled with qualified personnel in accordance with reference (h).

(b) Provide a member to the MAGTF EW DWG, as necessary.

(7) Director, Command, Control, Communications, and Computers (C4) shall:

(a) Advise DC, PP&O and other Marine Corps agencies/commands on key C4 positions with respect to EW capabilities, systems, planning, programming, and policy.

(b) Ensure sufficiency and interoperability of existing and proposed C4 systems with existing and proposed MAGTF EW capabilities and systems.

(c) Provide a permanent member to the MAGTF EW DWG.

(8) Director, Intelligence (DIRINT) shall:

(a) Ensure all intelligence, counterintelligence, and other related intelligence activities in support of MAGTF EW are conducted.

(b) Coordinate studies concerning MAGTF ground EW capabilities, requirements, and systems.

(c) Prepare and assist in the review of operational requirements and required operational capabilities dealing with MAGTF ground EW systems.

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(d) Monitor the operational employment of MAGTF ground EW systems to determine operational suitability, requirements for systems upgrades, and changes to tactics.

(e) Review applicable PPBS documentation on MAGTF ground EW systems and provide comments/recommendations on the adequacy of those programs.

(f) Coordinate MAGTF ground EW activities with appropriate MAGTF aviation EW advocates.

(g) Participate in the formulation, review, and evaluation of Joint/Combined EW actions/plans.

(h) Coordinate with MARCORSYSCOM to ensure that adequate EW features are incorporated into ground systems under development.

(i) Assign members to appropriate commissions, boards, advisory panels, or committees external to the Marine Corps which require representation from Intel on EW matters.

(j) Monitor and advise in the acquisition, integration, maintenance, and dissemination of intelligence capabilities required to support MAGTF EW.

(k) Coordinate all Occupational Field (OccFld) 26, Signals Intelligence/Ground EW, MOS matters.

(l) Review issues relating to the Radio Battalion Table of Organization and Table of Equipment, and all other MOS 0206/26XX personnel billets.

(m) Provide a permanent member to the MAGTF EW DWG.

(n) Provide a permanent member to the ESG for the MAGTF EW DWG, serving as Chair when required by reference (f).

(9) Commander, Marine Corps Systems Command (COMMARCORSYSCOM) shall:

(a) Conduct research, development, and acquisition activities needed to satisfy requirements validated by DC, CD&I for new and upgraded MAGTF EW equipment.

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(b) Ensure appropriate and effective EW features and capabilities are incorporated into MAGTF EW systems under development.

(c) Identify and evaluate potentially useful new technologies and advise DC, CD&I of new or improved MAGTF EW combat capabilities that may be achievable through the development and exploitation of those technologies.

(d) Provide technical support for the development of requirements documents.

(e) Act as the Marine Corps Technical Manager for all EW and related databases, to include the NATO Emitter Database (NEDEB) and U.S. Electromagnetic Systems Database (USELMSDB).

(f) Ensure, in cooperation with C4, that all MAGTF EW systems are entered into the applicable spectrum management databases and attend USELMSDB support group meetings as required.

(g) Coordinate the acquisition, integration, dissemination, and maintenance of EW and complimentary Intelligence capabilities into appropriate MAGTF EW and Intel systems.

(h) Ensure MAGTF EW systems using Intelligence-related EW databases provide for interoperability between Marine Corps and other Service EW systems.

(i) Provide a permanent member to the MAGTF EW DWG.

(j) Provide a permanent member to the ESG for the MAGTF EW DWG, serving as Chair when required by reference (f).

(10) Commanders, U.S. Marine Corps Forces (MARFOR)  
shall:

(a) In coordination with the G-2 and G-6, initiate and execute a dynamic MAGTF EW program and operations under the staff cognizance of the G-3.

(b) Conduct training and operations to ensure MAGTF EW tactical and procedural expertise.

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(c) Provide trained, qualified, and properly equipped personnel to Joint and Combined EW organizations, as required.

(d) Ensure all personnel assigned duties as an Electronic Warfare Officer (EWO) receive appropriate formal training in Joint and MAGTF EW.

(e) Marine Forces Command (MARFORCOM) will provide a member to the MAGTF EW DWG as required.

(f) Marine Forces Command (MARFORCOM) will provide a member to the ESG as required for the MAGTF EW DWG, serving as Chair when required by reference (f).

(11) Commanders, Marine Expeditionary Forces (MEF) shall:

(a) In coordination with the G-2/S-2 and G-6/S-6, initiate and execute a dynamic MAGTF EW program and operations under the staff cognizance of the G-3/S-3.

(b) Ensure that MAGTF EW strategy is included in appropriate simulations, models, and exercises.

(c) Ensure all personnel assigned duties as an Electronic Warfare Officer (EWO) receive appropriate formal training in Joint and MAGTF EW.

## 5. Administration and Logistics

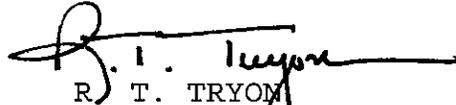
a. Submit recommended changes to this Order, with complete justification, to Commandant of the Marine Corps (PP&O/PLI), via the chain of command.

b. Records created as a result of this directive shall include records management requirements to ensure the proper maintenance and use of records, regardless of format or medium, to promote accessibility and authorized retention per the approved records schedule and reference (i).

## 6. Command and Signal

a. Command. This Order is applicable to the Marine Corps Total Force.

b. Signal. This Order is effective the date signed.

A handwritten signature in black ink, appearing to read "R. T. Tryon", with a long horizontal stroke extending to the right.

R. T. TRYON  
Deputy Commandant for  
Plans, Policies and Operations

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