



DEPARTMENT OF THE NAVY
OFFICE OF THE SECRETARY
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SECNAVINST 2400.1
DON CIO
6 February 2006

SECNAV INSTRUCTION 2400.1

From: Secretary of the Navy

Subj: ELECTROMAGNETIC SPECTRUM POLICY AND MANAGEMENT

- Ref:
- (a) DoD Directive 4650.1, Policy for Management and Use of the Electromagnetic Spectrum, 8 Jun 04
 - (b) Title 47, United States Code (USC)
 - (c) Office of Management and Budget (OMB), Circular A-11, Part 2 (NOTAL)
 - (d) U.S. Department of Commerce, National Telecommunications Information Administration (NTIA), Manual of Regulations and Procedures for Federal Radio Frequency Management (NOTAL)
 - (e) DoD Directive 3222.3, DoD Electromagnetic Environmental Effects (E3) Program, 8 Sep 04 (NOTAL)
 - (f) DoD Directive 5100.35, Military Communications-Electronics Board (MCEB), 10 Mar 98
 - (g) DoD Instruction 5000.2, Operation of the Defense Acquisition System, 12 May 03
 - (h) SECNAVINST 5000.2C of 19 Nov 04
 - (i) SECNAVINST 5430.7N of 9 Jun 05

1. Purpose. Enabling access to the electromagnetic spectrum (spectrum) for the U.S. Navy and U.S. Marine Corps is a complex, perpetual challenge requiring coordinated actions throughout the Department of the Navy (DON). The proliferation of wireless technologies continues to dramatically reduce the available spectrum to support Navy and Marine Corps forces globally. This trend is particularly acute for systems that operate in the radio frequency portion of the electromagnetic spectrum. The Department of the Navy recognizes that the "spectrum landscape" has changed dramatically within the last few decades not only from the increased commercial use of spectrum, but also from the

requirement to conduct coalition and domestic support operations. To this end the Department recognizes that spectrum supportability and spectrum access are key enablers to successful Navy and Marine Corps net-centric operations. This instruction implements, within the DON and its military services, applicable provisions of references (a) through (i). This instruction establishes and aligns DON responsibilities for the policy and management of electromagnetic spectrum with the Department of Defense (DoD) and the "Assignment of Responsibilities" identified in reference (i).

2. Cancellation. All other SECNAV and subordinate instructions, orders or memoranda providing guidance on policies or management of electromagnetic spectrum, and delegations of authority inconsistent with this instruction, are cancelled.

3. Scope and Applicability. Effective immediately, this instruction applies to the Office of the Secretary of the Navy (SECNAV), the Chief of Naval Operations (CNO), the Commandant of the Marine Corps (CMC), and all U.S. Navy and U.S. Marine Corps activities, installations, commands, and units.

4. Definitions. Spectrum related definitions are identified in enclosure (2) of reference (a).

5. Policy

a. The DON spectrum policy and management functions shall be in consonance with DoD policy. Specifically, DON spectrum policy and spectrum management shall be guided by the following principles:

(1) The DON shall strive to ensure that sufficient spectrum is available to accomplish its warfighting missions.

(2) The DON shall continually strive for efficient spectrum use.

(3) The DON shall promote investment in spectrum-efficient technologies, and coordinate with other public and private sector interests toward effective management of spectrum resources.

(4) The DON shall participate in the process to develop national spectrum positions and policy.

(5) The DON shall support U.S. policies and interests at international spectrum proceedings and in negotiations for spectrum allocation and use.

b. The DON shall base spectrum requirements on current and projected military operational requirements.

c. The DON shall seek spectrum supportability determination from the Military Communications Electronics Board (MCEB) prior to acquiring spectrum-dependent systems in accordance with references (a) and (f).

d. The DON must ensure that available spectrum is efficiently utilized to provide the greatest benefit to the overall DON mission.

e. The DON shall apply sound engineering and administrative practices throughout the Department to ensure effective and prudent use of electromagnetic spectrum.

f. The DON shall work within existing Federal regulatory procedures and processes toward giving due consideration to sharing spectrum with other Federal agencies, and with commercial spectrum users. Such sharing must strive to be accomplished:

(1) Without degradation to the Department's mission.

(2) With minimal risk that such sharing would result in the loss of spectrum needed by the DON or DoD.

(3) With sufficient regulatory provisions to provide protection for current and future DON uses.

g. The DON shall develop and maintain strategic spectrum plans to support the DON's warfighting capabilities.

6. Responsibilities

a. The Assistant Secretary of the Navy (Research, Development and Acquisition) (ASN (RD&A)) shall:

(1) Establish policy for development and acquisition of spectrum-dependent systems.

(2) Ensure DON acquisition instructions address spectrum supportability as identified in references (g) and (h).

(3) Ensure that acquisition programs acquiring spectrum-dependent equipment and systems adhere to the spectrum guidance within this instruction, MCEB guidance, and DoD/DON spectrum related acquisition guidance, policy and instructions.

(4) Maintain awareness of emerging technologies to support spectrum opportunities that keep pace with commercial developments and for potential adoption into long-range strategic planning and acquisition programs.

b. The DON Chief Information Officer (DON CIO) shall:

(1) In coordination with ASN (RD&A), develop policy and strategic plans to implement an integrated DON Spectrum Plan, with both mid and long term spectrum initiatives, to support the DON warfighting capability.

(2) Ensure that DON spectrum policy reflects support for U.S. Government and DoD spectrum policies.

(3) Disseminate direction and guidance relative to specific spectrum management mandates required by international, U.S. Government, and DoD policies and procedures.

(4) Serve as the DON representative for spectrum issues external to the Department, including international and domestic (Federal) forums, ensuring coordination with ASN (RD&A) on matters of Research and Development (R&D) and acquisition.

(a) Serve as the primary DON representative, consistent with statutory regulations and with DoD direction, guidance and policy, in international spectrum forums, including all bilateral and multilateral preparatory activities (national, regional, and international), including those for the International Telecommunication Union (ITU) World Radiocommunication Conferences (WRC5), ensuring coordination with ASN (RD&A) on matters of R&D and acquisition.

(b) Serve as the DON representative in domestic spectrum forums to promote coordination and cooperation amongst the DON, Federal Agencies, the private sector, and other domestic organizations, ensuring coordination with ASN (RD&A) on matters of R&D and acquisition.

(5) Ensure the DON implements applicable provisions of references (b), (c) and (d).

(6) Ensure that DON activities, installations, commands, and units that use and manage electromagnetic spectrum are in compliance with DON spectrum policy, initiatives and objectives.

(7) Charter and chair a DON spectrum oversight council comprised of the DON Deputy CIO (Navy), the DON Deputy CIO (Marine Corps) and other organizations as required. This group shall ensure that DON spectrum assets and related resources adequately support DON, Navy, and Marine Corps spectrum priorities and equities.

(8) Designate members to the Interdepartment Radio Advisory Committee (IRAC) and to other spectrum related forums.

(9) In coordination with ASN (RD&A), ensure participation to the MCEB panels to represent the DON's spectrum policy interests.

(10) Coordinate with CMC and CNO, as appropriate, on operational spectrum management related matters.

c. The Commandant of the Marine Corps (CMC) and Chief of Naval Operations (CNO) shall:

(1) Exercise operational authority, provide command structure and resources to ensure spectrum access to the Warfighter.

(2) Assign responsibilities for Spectrum Management to an appropriate Service Frequency Management Office (FMO) that will have the responsibility for Spectrum Management activities. This organization shall be at a level thoroughly familiar with and immediately responsive to the requirements of the operating

forces. Such organization shall refer policy issues to the DON CIO for consideration and resolution.

(3) Grant frequency allocation approval, based on frequency certification by the National Telecommunications Information Administration.

(4) Ensure the Service FMO is compliant with DON spectrum policy, initiatives and objectives.

(5) Advise the DON CIO and ASN (RD&A) on operational spectrum matters within their respective areas.

(6) Provide members to the MCEB and its panels to represent their respective Service's operational spectrum interests and ensure coordination with the ASN (RD&A) and DON CIO on matters of spectrum acquisition and policy.

(7) Provide representatives to spectrum related forums, as directed.



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Under Secretary of the Navy

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