



DEPARTMENT OF THE NAVY
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May 10, 2017

MEMORANDUM FOR ASSISTANT SECRETARY OF THE NAVY FOR RESEARCH,
DEVELOPMENT AND ACQUISITION
DEPUTY CHIEF OF NAVAL OPERATIONS FOR INFORMATION
WARFARE
DIRECTOR, COMMAND, CONTROL, COMMUNICATIONS AND
COMPUTERS (C4)

SUBJECT: Department of the Navy Electromagnetic Spectrum Harmful Interference Reporting

- Ref: (a) International Telecommunication Union Radio Regulations, Edition of 2016
(b) 47 CFR Part 300 - Manual of Regulations and Procedures for Federal Radio Frequency Management
(c) Chairman of the Joint Chiefs of Staff Instruction (CJCSI) 3320.02F, Joint Spectrum Interference Resolution (JSIR), of March 8, 2013
(d) Chairman of the Joint Chiefs of Staff Manual (CJCSM) 3320.02D, Joint Spectrum Interference Resolution (JSIR) Procedures, of June 3, 2013
(e) DoD Instruction 4650.01, Policy and Procedures for Management and Use of the Electromagnetic Spectrum, of January 9, 2009
(f) SECNAV Instruction 2400.1A, Electromagnetic Spectrum Policy and Management, of December 19, 2014
(g) SECNAV Instruction 2400.2, Electromagnetic Environment Policy and Management, of August 1, 2011

The purpose of this memorandum is to clarify Department of the Navy (DON) policy regarding the reporting of Electromagnetic Spectrum Harmful Interference in accordance with references (a) through (g). National policies require spectrum sharing between industry and the federal government. It is essential that all interference is documented and reported to assist the DON in assessing the potential impact to operations within the national bilateral sharing framework.

Reference (c), including the use of a Naval Message as appropriate, requires operators of spectrum-dependent naval systems to report all instances of actual or suspected harmful interference, regardless of duration or resolution, via the Joint Spectrum Interference Resolution (JSIR) procedures. Per reference (d), at a minimum, the JSIR report must include the system name, system location, radio frequency or frequency band, and the severity of the interference event. Effective immediately, operators will also include in the report the "Responsible Service" and the "Affected Combatant Command/Service/Agency" JSIR data fields to assist DON CIO in locating DON specific reports. The minimum submitted items listed above will record the DON incident in the Department of Defense (DoD) central repository for Electromagnetic Interference (EMI) reports that also serves as the center for tracking all DoD EMI events from initial report through closure.

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The DON shall use the JSIR reporting process to:


- Determine the level of assistance required;
- Initiate enterprise-level reports for widespread interference;
- Provide DON leadership with enterprise tracking of DON submitted JSIR reports and stimulate follow up on unresolved interference incidents;
- Look for clusters, hotspots, and other indicators of localized harmful interference;
- Map harmful interference for widespread impact;
- Trend harmful interference reports for recurring events; and
- Share successful mitigation techniques with spectrum-dependent system operators and acquisition programs experiencing similar situations.

The Deputy Chief of Naval Operations for Information Warfare (OPNAV N2/N6) and the Director, Command, Control, Communications and Computers (HQMC C4) shall continue to support or establish related training and Service-specific or ancillary interference reporting considered advantageous to mission success. Such reporting practices may include manual and/or automated data transmission, collection, and analysis; the continuing development of system integrated data analysis; and procurement of future tools for spectrum-dependent operators.

The Assistant Secretary of the Navy for Research, Development and Acquisition will ensure spectrum-dependent programs consider interference susceptibility in Spectrum Supportability Risk Assessments.

Knowledge of when and where harmful interference occurs leads to identifying and understanding the underlying source, which can help lead to eliminating the cause. This policy will enhance the DON's capabilities to maintain comprehensive, accurate, and trusted spectrum data that will be used to characterize spectrum-dependent systems and define the electromagnetic environment.

This guidance will be incorporated in future revisions to reference (g). The DON CIO point of contact for this effort is Mr. Tom Kidd, thomas.kidd@navy.mil, 703-695-1978.



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