

**BY ORDER OF THE COMMANDER
AIR FORCE SPACE COMMAND**

**AIR FORCE SPACE COMMAND
MISSION DIRECTIVE 5-440**

24 MARCH 2016



Organization And Mission Field

**AIR FORCE SPECTRUM
MANAGEMENT OFFICE (AFSMO)**

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(Brigadier General Stephen N. Whiting)

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SUMMARY OF CHANGES

This document has been substantially revised and needs to be completely reviewed. Major changes include updates to designated responsibilities and organizational changes at HQ AFSPC.

1. Mission. AFSMO plans, provides and preserves access to the radio frequency spectrum for the Air Force and select Department of Defense (DoD) activities in support of national policy objectives, systems development, and global operations through analysis and negotiation with international and national, civil and military organizations.

2. Command. The Commander, AFSMO:

2.1. Reports directly to AFSPC/CC.

2.2. Has direct liaison authority with Federal Government agencies, DoD, HAF, MAJCOMs, DRUs, FOAs, private sector entities, and international organizations on tasks for which AFSMO is responsible.

3. Responsibilities. The Commander, AFSMO:

3.1. Serves as office of primary responsibility (OPR) for Air Force spectrum management.

3.2. Supports spectrum management requirements of all AF programs throughout their life cycle, including the development of spectrum requirements generated at Headquarters Air Force (HAF) affecting the Air Force as a whole.

3.3. Develops and implements DoD, national, and international spectrum management guidelines and instructions to support the Air Force mission.

3.4. Monitors spectrum developments in DoD, national, and international arenas. Evaluates impact on Air Force operations; research, development, test, and evaluation (RDT&E) programs; and spectrum-dependent systems acquisition efforts.

3.5. Ensures Air Force spectrum use instructions and procedures comply with national and international telecommunications rules and regulations, and appropriate multinational and bilateral agreements.

3.6. Provides spectrum engineering guidance to Air Force operational and functional communities to include acquisition, RDT&E, and logistics for certifying and licensing spectrum-dependent systems.

3.7. Provides radio frequency spectrum management procedural guidance to MAJCOMs and field activities.

3.8. Develops, integrates, and manages the Air Force radio frequency spectrum management operational and system architecture in coordination with DoD and HAF.

3.9. Represents, advocates, and defends Air Force interests in spectrum management matters on DoD, national, and international committees, groups, and organizations to include, but not limited to:

3.9.1. The Interdepartment Radio Advisory Committee (IRAC) of the National Telecommunications and Information Administration (NTIA) and all IRAC subcommittees.

3.9.2. The Joint Chiefs of Staff Military Command, Control, Communications, and Computers (C4) Executive Board (MC4EB) Frequency Panel.

- 3.9.3. The Combined Communications-Electronics Board Frequency Panel established between five nations: Australia, Canada, New Zealand, United Kingdom and United States.
- 3.9.4. The United States delegation to World Radio Communication conferences held by the International Telecommunications Union (ITU), and preparatory meetings held by the ITU, the NTIA, the Federal Communications Commission, and the Department of State.
- 3.10. Provides allocation and assignment support for spectrum-dependent systems to MAJCOMs and field activities.
- 3.11. Serves as the Air Force focal point for input of data into the DoD frequency resource record system, the NTIA government master file, and the international frequency list of the ITU Radio Communication Bureau.
- 3.12. Serves as the Air Force focal point for registering satellite orbital slots and spectrum usage of Air Force satellite networks with the ITU.
- 3.13. Coordinates spectrum management actions that resolve mutual interference incidents involving Air Force, other Federal Government agencies, and non-US spectrum-dependent systems.
- 3.14. Provides functional guidance to Air Force-sponsored DoD area frequency coordinators (AFCs). Serves as the AFC for the Eastern United States for certain frequency bands.
- 3.15. Provides spectrum management and host nation coordination support for DoD agencies and Combatant Commands as specified by the MC4EB Frequency Panel.
- 3.16. Provides HQ AFSPC/A5/8/9 and Financial Management (FM) the budget data for day-to-day operations, which includes the annual Air Force Spectrum Fee that is paid to the Department of Commerce; manages the Spectrum Relocation Fund for the Air Force.

JOHN E. HYTEN, General, USAF
Commander

Attachment 1**GLOSSARY OF REFERENCES AND SUPPORTING INFORMATION*****References***

AFPD 38-6, *Mission Directives*, 23 December 2014

AFI 38-601, *Format and Content of Mission Directives*, 7 January 2015

AFI 38-101, *Air Force Organization*, 16 March 2011

Adopted Forms

AF Form 847, *Recommendation for Change of Publication*

Abbreviations and Acronyms

AFSMO —Air Force Spectrum Management Office

AFC—Area Frequency Coordinators

AFSPC—Air Force Space Command

DoD—Department of Defense

DRU—Direct Reporting Unit

FM—Financial Management

FOA—Field Operating Agency

HAF—Headquarters Air Force

IRAC—Interdepartment Radio Advisory Committee

ITU—International Telecommunications Union

M4CEB—Military Command, Control, Communications, and Computers Executive Board

MAJCOM—Major Command

MC4EB—Military Command, Control, Communications, and Computers (C4) Executive Board

MD—Mission Directive

NTIA—National Telecommunications and Information Administration

OPR—Office of Primary Responsibility

RDT&E—Research, Development, Test, and Evaluation