

***NATIONAL WEATHER SERVICE POLICY DIRECTIVE 30-14***  
***September 19, 2002***

***Maintenance, Logistics, and Facilities***  
***RADIO FREQUENCY MANAGEMENT***

---

**NOTICE:** This publication is available at: <http://www.nws.noaa.gov/directives/>.

---

**OPR:** OPS11 (D. Bosco)  
**Type of Issuance:** Initial

**Certified by:** OPS (J. McNulty, Jr.)

---

***SUMMARY OF REVISIONS:*** This directive supercedes WSOM Chapter G-07, Issuance 94-8, dated July 7, 1994.

1. The National Weather Service (NWS) uses radio frequency transmissions to collect data and disseminate forecasts and warnings, and must comply with the Department of Commerce *National Telecommunications and Information Agency (NTIA) Manual of Regulations and Procedures for Federal Radio Frequency Management*.
2. The objective of the NWS Radio Frequency Management program is to ensure NWS has the necessary radio frequency assignment (RFA) authorizations to perform its mission, and systems and equipment are operated according to NTIA Regulations.
3. This directive establishes the following authorities and responsibilities:
  - 3.1 The Assistant Administrator for Weather Services is responsible for radio frequency management within the NWS.
  - 3.2 The Office of Operational Systems, Engineering and Acquisition Branch (OPS11), NWS Radio Frequency Manager is responsible for:
    - a. Day-to-day management of frequency spectrum operations.
    - b. Maintenance of existing radio frequency allocations.
    - c. Developing proposals for new radio frequency allocations and performance of all other coordination activities representing the meteorological services.
    - d. Managing existing assignments and the submission of new NWS assignment requests.

- e. Conducting the engineering analysis necessary to ensure electromagnetic compatibility of both new and existing systems between NWS and other government and non-government radio frequency systems, identifying interference sources, and mitigating interference to and from NWS radio frequency systems.
- f. Leading NWS allocation initiatives through the United States preparatory process for international meetings of the International Telecommunications Union by conducting technical studies on the impact of proposed frequency allocation changes.

3.3 Regional Radio Frequency Managers are responsible for managing radio frequency operations in their regions, and coordinating with adjacent NWS regions and neighboring countries' focal points as appropriate. When new requirements arise, or changes to existing RFA authorizations are necessary, Regional Radio Frequency Managers submit requests for RFA authorizations, as required by NTIA regulations, in the prescribed format to the NWS Radio Frequency Manager.

3.4 NWS national and regional personnel are responsible for defining spectrum requirements for each project or site, gathering required radio parameter data, and submitting the information necessary to prepare a request for RFA authorization to the Regional Radio Frequency Manager for execution by the NWS Radio Frequency Manager.

4. NWS will measure effectiveness with this policy directive by examining all requests for RFA for required information, accuracy, proper justification, necessary coordination, and adherence to the *NTIA Manual* with a goal of having spectrum for all the operational needs of the NWS.

5. This policy directive is supported by the references and glossary of terms listed in Attachment 1.

<u>Signed</u>	<u>09/19/02</u>
John J. Kelly, Jr.	Date
Assistant Administrator	
for Weather Services	

**Attachment 1**

**REFERENCES**

*NTIA Manual of Regulations and Procedures for Federal Radio Frequency Management*

*National Weather Service Instruction 30-1401 - Frequency Management Procedures*