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Communications

RADIO FREQUENCY MANAGEMENT

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This instruction implements AFD 33-1, Command, Control, Communications, Computers and Intelligence Systems (C4I) and outlines the responsibilities and rules for management of radio frequencies within the jurisdiction of Misawa Air Base. This instruction applies to all units assigned, attached, and associated to 35th Fighter Wing who use radio frequencies in facilities and the Misawa area.

SUMMARY OF REVISIONS

This document is substantially revised and must be completely reviewed.

This revision updates Frequency Management Policies set for Misawa Air Base, Japan.

1. References.

- 1.1. AFI 10-707, Spectrum Interference Resolution Program
- 1.2. AFI 33-118, Radio Frequency Spectrum Management
- 1.3. 5 AFI 33-101, Frequency Management
- 1.4. USFJ PL 700-6, General Instructions Covering the Operation of the Auxiliary Military Radio System in Japan

2. Introduction.

2.1. Due to increased radio frequency congestion in the Misawa area, commanders must manage assigned radio frequencies to meet key mission needs. Planning and coordination with the proper command authority is essential for all radio frequency and electromagnetic compatibility matters to provide an environment free from interference.

3. Responsibilities.

3.1. The installation commander will exercise complete authority over the use of radio frequencies within the installation's area of responsibility.

3.2. Installation Frequency Manager (IFM) will:

3.2.1. Submit all frequency actions through appropriate command channels.

3.2.2. Provide users an authorization document of assigned frequencies and operational parameters, upon assignment.

3.2.3. Publish a Radio Frequency Management Instruction for the installation defining the management of all electromagnetic radiating devices within the manager's area of responsibility.

3.2.4. Establish a frequency management education program.

3.2.5. Attempt to resolve interference problems at the local level.

3.2.6. Maintain a complete list of all United States Forces Japan (USFJ) frequencies assigned to Misawa Air Base.

3.2.7. Assist using organizations in the preparation of Electromagnetic Interference (EMI) reports.

4. Using Organization.

4.1. Any organization that radiates electromagnetic energy will appoint a Unit Frequency Manager (UFM) as a point of contact (POC) for all frequency matters. This person will have at least 1 year retain ability at Misawa Air Base.

4.2. The UFM will:

4.2.1. Maintain the frequency authorization documents for each frequency until the frequency is deleted.

4.2.2. Ensure the operation of equipment that radiates electromagnetic energy complies with authorized limitations and tolerance.

4.2.3. Coordinate all frequency actions with the IFM.

4.2.4. Ensure frequencies in use are in compliance with the frequency assignment and governing directives.

4.2.5. Identify frequency needs via Standard Frequency Action Format (SFAF) to the IFM at least 90 days prior to required date.

4.2.6. Investigate and prepare all required EMI reports.

4.2.7. Review assigned frequencies annually and identify frequencies which are no longer in use or required. A copy of the annual review will be forwarded to the IFM.

4.2.8. Ensure the proper authorizing FM agency designates and approves operating frequencies before contracts are approved or funds committed.

4.2.8.1. Coordinate with the IFM on all plans, programs, and requirements using or changing the use of the radio frequency spectrum.

5. Processing.

5.1. UFM's will submit all permanent, temporary, or deployed frequency requests via the SFAF to the IFM. The IFM will review the SFAF for completeness and forward it to 605 ACOMF/DOK. 605 ACOMF/DOK will validate the requirement and forward to the proper assigning authority. 605 ACOMF/DOK will coordinate all frequency requests within Japan or at the deployed location. All frequency requests must be submitted at least 90 days prior to required date.

5.2. Request for new frequencies. UFM's will submit requests with complete explanation and justification of the requirement. Classified frequency requirements must include the classification directive. An approved frequency is required before equipment purchase.

5.3. Modifications. Proposed modifications to assigned frequencies will be submitted in writing and approved by the IFM before any changes or modifications are implemented to ensure no interference with other authorized users.

5.4. Deletion of assigned frequencies. Users will notify the IFM in writing when an assigned frequency is no longer required.

5.5. Temporary frequency requirements. No frequency will be used until a temporary frequency assignment is received.

5.6. Deployment frequency. All requirements for use of frequencies at a deployed location must be obtained through the home station IFM.

5.7. Radio frequency interference. Due to the congestion of the radio frequency spectrum, users may experience interference of assigned frequencies. When interference is disruptive and recurring, the user will log the occurrence and submit an EMI report.

6. Cordless Telephone Policy.

6.1. The radio laws of Japan prohibit the use of Japanese-manufactured products for export and US-manufactured products such as cordless phones into Japan. However, locally purchased cordless telephones specifically manufactured for Japan can be used.

7. Radio Controlled Model Equipment.

7.1. Authorized radio frequencies. The Government of Japan has authorized the use of these frequencies (all in megahertz) for radio controlled (RC) model equipment:

7.1.1. 26.995, 27.045, 27.095, and 27.255; 2 watts power, A1A and A2D emissions.

7.1.2. 72.24, 72.4, and 75.64; 1 watt power; 100HOAD and 3K00A3D emissions.

7.2. Restrictions on use of authorized frequencies.

7.2.1. The transmitter will not exceed the parameters above.

7.2.2. The operator, transmitter, and controlled device must be within the requirements of the installation.

7.2.3. The operator must have written approval from the installation commander prior to operation of RC model equipment.

7.2.4. Operation of a transmitter declared to be causing interference with another communications-electronic facility will stop immediately. Transmissions may resume when the cause of the interference is eliminated.

7.2.5. Private organizations, such as hobby clubs, may obtain frequency authorization by contacting Radio Maintenance at 226-4050.

8. Citizens Band (CB) Radio Equipment.

8.1. There are many types of CB radio equipment on sale throughout Japan. Such equipment is 1-channel walkie-talkies, base stations, and mobiles with various channel capabilities. The US has set aside certain specific frequencies (channels) for citizens band. However, these frequencies do not correspond to the Japanese citizens' service channelization.

8.2. The use of CB equipment or cordless phones in Japan is not authorized under the Status of Forces Agreement, except as noted in paragraph 6. above. However, frequency devices purchased locally may be granted approval. Radio Maintenance will issue approval letters on a case-by-case basis.

9. Amateur Radio Operations.

9.1. Policies and procedures regulating the use of amateur radios in the territorial limits of Japan can be found in USFJ Policy Letter 700-6.

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Commander