Navy and Marine Corps Spectrum Offices (NMCSO) Status

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Navy and Marine Corps Spectrum Offices (NMCSO) Status

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OVERVIEW

• Primary Mission Responsibilities
• One Team
• NMCSO Manning
• NMCSO Regions
• In depth briefing Shore/Afloat
• Afloat Spectrum Support
• Shore Spectrum Support
• Challenges
• Accomplishments
NMCSO Primary Mission Responsibilities

- Management and coordination for use of the frequency spectrum within respective regions.
- Focal point for all Navy and Marine Corps Spectrum requirements afloat and ashore.
- Installation Spectrum Managers (ISM), ground electronics technicians, and other spectrum users comply with rules and regulations.
- Maintain a program for continuous periodic frequency assignment review with users.
- Assist users to mitigate harmful effects of interference.
- Spectrum supportability by providing technical guidance and analyses as required on RF equipment and systems.
ONE TEAM

- DON Spectrum management functions consolidated into eight regional support centers

- **Eight** regional Navy and Marine Corps Spectrum Offices under the direction of NAVMARSPECCEN

- **Eight** regional offices providing support to Naval afloat and ashore activities and commands, COCOMS, JFMO’s, JSME, Navy and Marine Corps components, JTF and/or Combined Support Forces.
NMCSO Regions
U.S. & Possessions

NMCSO NORTHWEST
(Puget Sound, WA)

NMCSO US&P
Regions of Responsibility

NMCSO LANT
(Norfolk)

NMCSO SOUTH WEST
(San Diego, CA)

NMCSO PACIFIC
(Hawaii)

NMCSO GUAM

and Coastal Areas - 200nm
NMCSO Regions

* NMCSO North West
* NMCSO LANT
* NMCSO South West
* NMCSO PAC
* NMCSO Europe
* NMCSO CENT
* NMCSO Far East
* NMCSO Guam
NMCSO Regions Outside CONUS

- **Pacific**: Hawaii, all Pacific Rim countries (less the countries listed under NMCSO Far East) and those ocean areas under the cognizance of USPACOM.

- **Far East**: Japan, Korea, Diego Garcia, Singapore and coastal waters therein.

- **Bahrain**: Gulf Cooperative Council (GCC) countries and ocean areas under the cognizance of USCENTCOM, specifically the Red Sea, the North Arabian Sea, and the Persian Gulf and portions of the Indian Ocean area.

- **NorthWest**: Alaska

- **Europe**: European/African countries and those ocean areas under the cognizance of USEUCOM and USAFRICOM.

- **Atlantic**: All countries and ocean areas under the cognizance of USSOUTHCOM and within Forth fleet AOR.
Agenda outline: Follow-on briefers will provide relationship between shore and afloat spectrum management and regional NMCSO offices.

- NMCSO PAC (Randall Hall): Shore Support
- NMCSO LANT (Janet Baker): Afloat Support

Both briefs will provide insight to the new NTP-6 and Fleet Forces Command Annex K on spectrum management

- FLEET COMMOPLAN (ANNEX K) Appendix 5 “Electromagnetic Spectrum Management”
Regional NMCSOs are the focal point for processing all afloat spectrum management requirements within region of responsibility.

- Management of common communications plans
- Review, validation and posting of temporary COMPLAN frequencies
- TACAN assignments in some NMCSO regions

Follow applicable service regulations and guidance:

- FLEET COMMOPLAN (ANNEX K) App5 (new)
- Marine Corps – MCO 2400.2a “Marine Corps Management and Use of the Electromagnetic Spectrum
- COCOM directives for OCONUS and applicable service regulation.
- and more
# NMCSO Vs Fleet Support

<table>
<thead>
<tr>
<th>NMCSO</th>
<th>FLEET AREA OF SUPPORT</th>
<th>TACAN Assignment Scheduling</th>
<th>Common AESOP CSG/ESG OPTASKCOM Development/Processing/5Yr Reviews</th>
<th>CSG/ESG Plan Scheduling</th>
<th>AESOP OPTASKCOM Processing/Validation and Sub-assignments</th>
<th>Frequency Proposal Processing (New&amp;Temp)</th>
<th>Afloat Training Assist</th>
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Regional NMCSOs are the **focal point** for processing shore spectrum requirements within respective Region of responsibility (ROR).

All shore commands, activities, installations, bases, stations, camps, posts, and units, both active and reserve are responsible for RF emissions originating from within the physical limits of assigned areas as outlined in NTP-6 and other guidance therein.
Spectrum Management
Immediate Challenges for NMCSO

• Implementation of:
  - NTP-6 “Electromagnetic Spectrum Guide”
    - Fleet Forces Command OPORD 2000 / U.S. Pacific Fleet OPORD 201 / U.S. Naval Forces Europe OPORD 4000
  - Review and update of Fleet Commanders OPORD Guidance
  - HQ CNIC and Joint Basing SM Guidance for “Installation Spectrum Managers and others” at REGIONAL Commander Naval Installation Commands (CNIC)

• Training and Educating: Greater involvement from regional NMCSOs in initiating and conducting Education/Training seminars.

• Implementation of new Fleet Forces Command Annex K App 5 and NTP-6 guidance to ensure fleet and Shore spectrum support requirements are carried out.

• Supporting our military and civilian requirements professionally and administratively.
Accomplishment

• Manning
  ➢ Looking good. Military rotations and detailer working personnel transfers to fill NMCSO E6/E7/E8 positions. Six vacancies within next 6 months.
  ➢ Civilian Government Service positions being filled, few vacant positions.

• NMCSO businesses process improvement
  ➢ Implementation and an increased in Fleet spectrum support from other regional NMCSOs. NMCSO LANT and CENT already provide excellent fleet support.
  ➢ Decreased incidents of fleet interference through better AESOP use
  ➢ Significant decreased in the overall amount of overdue frequency assignment reviews. Although is a continuous battle

• Humanitarian Relief Spectrum support (Haiti/Dominican Rep/Philippines/Pakistan)

• Marine Corps Order 2401.2A “Marine Corps Management and Use of the Electromagnetic Spectrum” (Works Well with others) 😊
QUESTIONS?