



NAVY AND MARINE CORPS SPECTRUM OFFICE ATLANTIC



NMCSO LANT

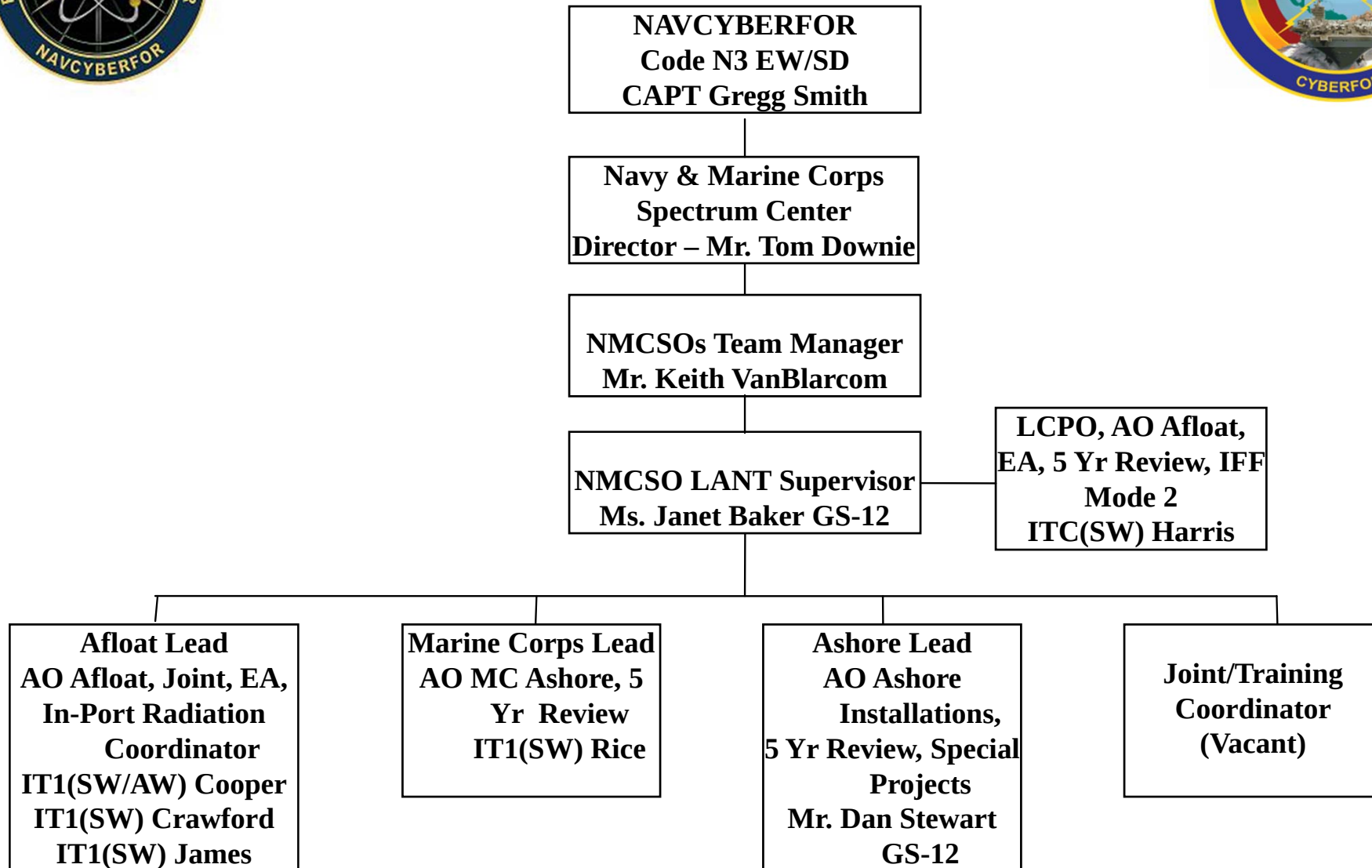
(AFLOAT / FLEET SUPPORT)

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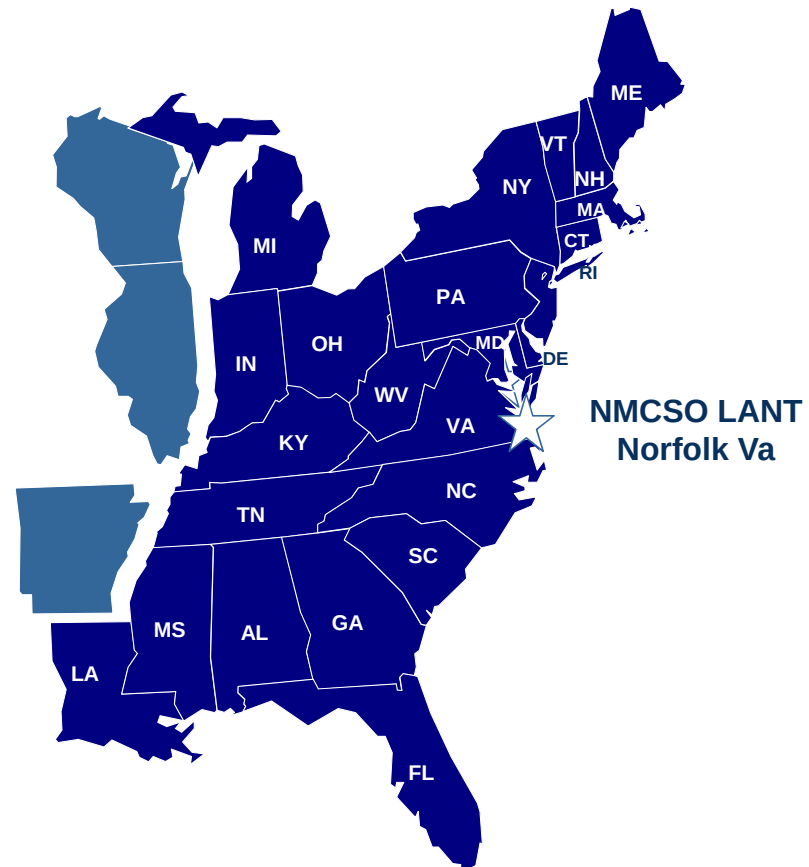


NMCSO LANT Norfolk VA

Region of Responsibility



Atlantic/Gulf Coast





NMCSO LANT Norfolk Va Region of Responsibility



- 25 Eastern states, Western Atlantic, Gulf of Mexico, Caribbean Sea & the waters around South America.
- Requirements/ issues for Navy & Marine Corps Afloat and Ashore, supporting NORTHCOM, SOUTHCOM, C2F and C4F.
- TACAN and frequency assignments for Navy, Marine Corps, Coast Guard and NATO requirements afloat and ashore.
- Manage and assign common CSG/ESG COMPLANS for C2F & C4F Strike Groups.
- Electronic Attack & GPS Jamming Requests.
- Send and receive messages in response to received requests
- Manage and assign LANT Mode II IFF Codes for Navy, Marine Corps, Coast Guard and NATO units



Region of Responsibility Cont.



- Monitor and validate in port radiation requests.
- Respond to and work to mitigate/resolve RFI incidents; sending fleet advisories as required or in response to RFI protection requests to manned/unmanned launches/landings.
- Liaison with local Federal Aviation Administration, Federal Communications Commission, NOAA and other DoD AFCs.
- Focal Point for NTIA mandated Five Year Review Process
- Initial POC for Equipment Frequency Allocation issues
- Review and submit frequency proposals coordinating with government and non-government agencies as required.



FLTCOMMOPLAN OPORD 2000 ANNEX K



- OPORD 2000 ANNEX KILO (01NOV10) can be found at the following link:

<http://www.fleetforces.navy.smil.mil/cyberfor/cio/cio5/OPORD2000AnnexK>

- APPENDIX 5: Frequency Requests, Assignments, TACAN, Link 16 Procedures and Electronic Attack
 - TAB C: AESOP frequency request procedures
 - TAB E: Navy and Marine Corps Spectrum Office (NMCSO) Points of Contact
 - Tab F: TACAN Channel Assignment Policy & Procedures
 - TAB G – RADAR Restrictions
 - TAB H: Electronic Warfare/Electronic Attack
 - TAB J: RADAR/MK-23 Restrictions Atlantic Area
-
- NTP-6 Chapter 5 “Afloat Battle space Spectrum Management”



AESOP & CSG/ESG Plans



- ALCOM 033/05 DTG 021532ZMAY05 mandates use of AESOP for COMPLAN/OPTASKCOMS development. All ships & staff commands should be using AESOP. Copies are available from NMCSO LANT upon request.
- COMNAVNETWARCOM 171722Z JUL 08 - ALCOM 089/08 announced OP-3840 Appendix F as replacement for Navy wide OPTASK COMMS and directs implementation of Appendix F as Navy standard for Emission Designators, Line Numbers, Circuit Titles and Net Explanations for Navy COMPLANS.
- COMSECONDFLT message DTG 011119ZOCT08 announced CSG/ESG Plans for the ATLANTIC region of responsibility.



TACAN CHANNEL REQUIREMENTS



- **No permanent** TACAN, Land launch or homer frequencies are assigned within the LANT region of responsibility. Requests for TACAN use within the LANT ROR (92-45 degrees W longitude must be submitted for each underway period IAW FLTCOMMO PLAN Annex K, Appendix 5 Tab J.
- **Use of TACAN in port is not authorized** except for short duration testing. Authorized assignment and SOPA Admin/Port Ops approval is required



ELECTRONIC ATTACK (EA) REQUEST



- Reference: CJCSM 3212.02, 15 October 2003.
- OPORD 2000 Annex K, Appendix 5, Tab H
- Notifications must reference supporting authorization and contain pertinent information regarding the EA mission (i.e. EA control number, dates, locations Warning area and lat/long).
- No response is sent to an EA notification unless there is a problem.



IN PORT RADIATION



Two Step Process

- (1) A frequency assignment must be held in order to conduct in port radiation. If not held, a frequency assignment must be obtained.
(In port HR OPTASKCOMMS, regional SM office)
- (2) In port radiation request must be sent. CNRMA SOPA (ADMIN) HRINST 5400.1 refers.
 - Common in port requirements: Equipment SOVT, HERO/HERF/ HERP, testing with SESEF.
 - Validate frequencies intended for use (SOVT, HERO, HERP, HERF) are authorized. When in doubt, Call. Know the RF requirements (number of frequencies required, emission, power, etc). Many times EMO or STO has this information and it may not have been communicated to Radio.



Recent RFI issues/challenges



- Radio Frequency Interference (RFI):
 - Interference to NAS Oceana long range radar supporting NEAD sector. Positive ID not made however suspect MK23 TAS
- Lack of Portable DF equipment to prosecute signals
 - SESEF
 - Fleet advisories
 - NAS NORFOLK GEMD assistance (DF equip)
- IFF



2010 Afloat Transactions



- **CSG/ESG plan usage**

- CSG 1 assigned 8 times

- CSG 2 assigned 8 times

- CSG 3 assigned 4 times

- ESG 1 assigned 3 times

- ESG 2 assigned 2 times

- ESG 3 assigned 3 times

- TACAN channel assignments: 529

- 2 GPS requests, 3 Annual EAs, 2 EA not covered by existing annual authorization



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<http://205.0.132.75/don/so/site.nsf>

Visit Request: JPAS 000664

JFCOM Code J683

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QUESTIONS ?