



Land Based Test Site

Naval Surface Warfare Center Dam Neck

Multi- Functional Capabilities:

- SSDS MK2 MOD 1A (CVN, LHD8)
- ACDS Blk 1 (LHD)
- ACDS Blk 0 (CV, LHA, LHD)
- DD 993 FMS & PFG 2 FMS -
- Combat System Development Laboratory
- Joint Test & Training Facility (JTTF) -
- White Cell Ops Center
- Multi National Distributed Ops Center for Coalition Testing
- Combat System WSI2T Testing & Certification - (LHD, LHD, FFG)
- UHF, VHF, HF, VOIP, ASTI Comms
- WAN Secure Backbone
- DISN LES ATM, DREN, SDREN, CFBL (Coalition)
- NIPRNET/SIPRNET
- Cross Domain Capability for US/Joint/Coalition - Interoperability
- Automated Information Systems for MDA
- Air Search Radars
- Surface Search Radars
- Cooperative Engagement Capability (CEC)
- IFF (UPX-36(with mode 4
- Link-16, Link-11, S TADIL, J Data Link
- Secure VTC

★ Washington DC

★ NAVAIR
Pax River

★ Dahlgren

★ Wallops
Island

VACAPES
OP Area

★ 2nd Fleet
MOC

★ MAC-24

★ JFWC

★ FACS FAC

★ NSWC

★ Dam Neck

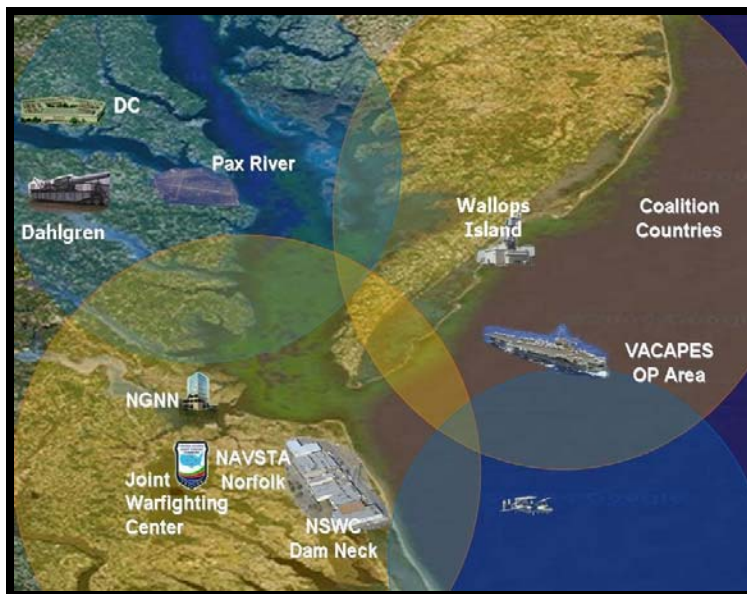
★ NOPF
MIFC

Coalition
Countries



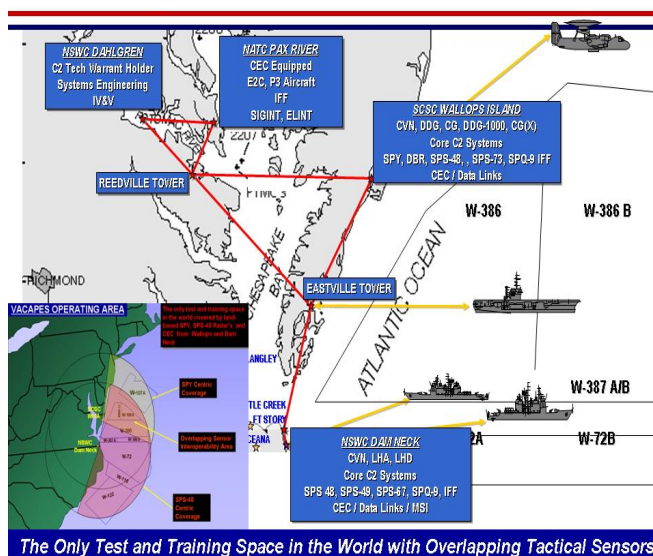
Location

Strategically located on the Mid Atlantic Ocean Front with Virginia Capes Operating Area W-386 and W-72 due east of the facilities, NSWC Dam Neck (NSWC DN) is the only Naval Surface Warfare Center command located near a fleet concentration area. Our location provides unique opportunities to test and assess Radio Frequency (RF) technology and weapons systems detection, tracking and engagement in an Live-Virtual-Constructive (LVC) test scenario in a near-shipboard environment. These events produce confident realistic low cost test results using a shore based facility with no interference to the local radio, cellular or television transmissions. NSWC DN takes pride in being the **Face to the Force** with our strategic location.



Facilities

The NSWC DN Land Based Test Site (LBTS) is an integrated state-of-the-art test control center that facilitates testing, data analysis and systems integration in LVC environments. The LBTS provides multi-site testing connectivity and availability via the Distributed Engineering Plant (DEP). As a DEP node, the LBTS provides Navy and Joint distributed interoperability engineering, developmental engineering work, and transformational technologies such as C2 COE and Netted Sensors/ISR within the Global Information Grid (GIG). NSWC DN's sensor coverage, when coordinated with other sensor facilities, provides a unique opportunity to assess detection capabilities with overlapping coverage from shore establishments using real shipboard sensors in operations with live airborne, surface and land based sensors/weapons for the added dimension of live, high-speed surface and air targets with sensor/weapon jamming in a real-time operational environment. An ideal surrounding for training, development, testing and evaluation of software, hardware, tactics and procedures. This overlapping tactical sensor coverage is a unique capability found nowhere else in the World.



Live-Virtual-Constructive Environment



For technical information, please contact:
Integration and Interoperability Branch
 Mark Hodges
 Phone: (757) 492-7233
 E-mail: mark.hodges@navy.mil