

## **NAVAL SURFACE WARFARE CENTER – DAHLGREN**

<http://www.nswc.navy.mil/wwwDL/>

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### **Mission of NSWC Dahlgren:**

To provide research, development, test and evaluation, engineering, and fleet support for: Surface Warfare, Surface Ship Combat Systems, Ordnance, Strategic Systems, Mines, Amphibious Warfare Systems, Mine Countermeasures, and Special Warfare Systems.

### **Product Areas - Core Equities**

#### Force Level Warfare Systems

- Warfare Systems Analysis, Architecture and Requirements
- Warfare Systems Engineering, Integration, T&E and Assessment

#### Littoral Warfare Systems

- Mine Warfare Systems
- Amphibious Warfare Systems
- Special Warfare Systems
- Diving and Life Support Systems

#### Homeland & Force Protection

- Homeland Security and Measured Response Options
- Force Protection and Chemical/Biological Defense Systems
- Mission Assurance Capabilities

#### Ships & Ship Systems

- Ship Integration and Design
- Hull Forms and Propulsors
- Machinery Systems and Components
- Structures and Materials
- Environmental Quality Systems
- Vulnerability and Survivability Systems
- Signature and Silencing Systems

#### Ordnance

- Warheads, Rockets, Ammunition & Other Ordnance Systems
- Energetic Materials
- Ordnance Safety, Logistics & Environmental Technology
- Cartridge Actuated, Pyrotechnic, & Specialty Devices

#### USW Command & Control Systems

- Submarine Combat Systems
- Submarine Sonar Systems
- Submarine Imaging and Electronic Warfare
- Submarine Communications
- Surface USW

### Surface Ship Combat Systems

- Air and Surface Surveillance and Detection Systems
- Combat Control Systems
- Engagement Systems
- Electronic Warfare Systems
- Combat Systems Engr, Integration, T&E & Assessment

### Navy Strategic Weapon Systems

- Targeting and Shipboard Subsystems
- Missile and Re-entry Systems
- Weapons System Level Analysis, Testing & Evaluation
- Non-Nuclear Strategic Weapons Systems

### USW Weapon & Vehicle Systems

- Torpedoes
- Unmanned Undersea Vehicles
- Platform Defensive Systems
- USW Launchers
- Submarine Missile Launcher Integration

### USW Ranges, Analysis & Assessment

- USW Ranges
- USW Analysis
- USW Operational Assessment
- USW Integration

### USW Fleet Material Readiness

- Depots
- Obsolescence Engineering

### Surface Warfare Logistics & Maintenance

- Performance Based Logistics
- Maintenance Engineering
- Fleet Material Management