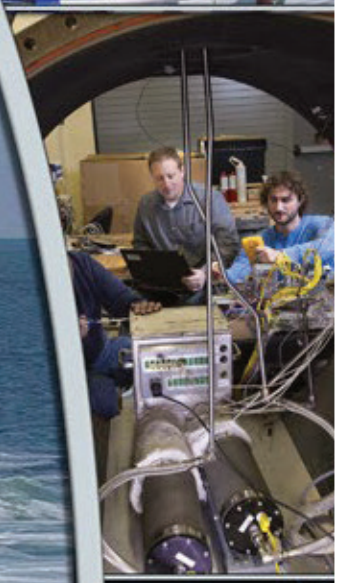
NUWC NEWPORT DIVISION

NAVAL SEA SYSTEMS COMMAND

WARFARE CENTERS



22-NUWC/GRA0227

NUWC NEWPORT DIVISION

NAVAL SEA SYSTEMS COMMAND

WARFARE CENTERS

NUWC Newport Division, one of two divisions of the Naval Undersea Warfare Center, is the Navy's full-spectrum research, development, test and evaluation, engineering, and fleet support center for submarine warfare systems and many other systems associated with the undersea battlespace. NUWC Newport Division provides the technical foundation that enables the conceptualization, research, development, fielding, modernization, and maintenance of systems that ensure our Navy's undersea superiority.

NUWC Newport Division is responsible, cradle to grave, for all aspects of systems under its charter, and is engaged in efforts ranging from participation in fundamental research to the support of evolving operational capabilities in the U.S. Navy fleet. The major thrust of NUWC Newport Division's activities is in applied research and system development.

With headquarters in Rhode Island, NUWC Newport Division operates detachments at West Palm Beach, Florida and Andros Island in the Bahamas. Remote test facilities are located at Seneca Lake and Fisher's Island in New York; Dodge Pond in Connecticut; Fort Story, Virginia; Okahumpka, Florida; and Rota, Spain.

Mission

NUWC Newport Division provides research, development, test and evaluation, engineering, analysis, and assessment, and fleet support capabilities for submarines, autonomous underwater systems, and offensive and defensive undersea weapon systems, and stewards existing and emerging technologies in support of undersea warfare. Executes other responsibilities as assigned by the Commander, Naval Undersea Warfare Center.

Vision

Undersea Superiority: Today and Tomorrow

Technical Capabilities

- NP01 USW Communication Systems
- NP02 USW Communication Antenna Systems
- NP03 USW Combat Systems
- NP04 USW Trainer Systems
- NP05 USW Sensor and Sonar Systems
- NP06 Submarine Periscopes & USW Imaging Systems
- NP07 USW Electronic Warfare, SIGINT, IO Sensors & Systems Integration
- NP08 Undersea Surveillance Systems
- NP09 USW Launcher Systems and Payload Integration
- NP10 USW Platform Tactical Missile Integration
- NP11 USW Autonomous Vehicles
- NP12 Torpedo and Sonar Defensive & Countermeasure Systems
- NP13 Torpedoes and Undersea Weapons
- NP14 Undersea Warfare (USW) Analysis
- NP15 USW Environmental Assessment Effects Analysis
- NP16 Undersea Range Technology and Application
- NP19 USW Systems Test and Evaluation
- NP20 Subsea and Seabed Systems (Newport missions)
- NP21 Atlantic USW T&E Range and Training Operations
- NP22 Submarine Electromagnetic Environment Effects (E3)

Major Facilities

- Acoustic Wind Tunnel
- Advanced Submarine Launcher Facility
- Autonomous Undersea Vehicle Life Cycle Support Facility
- Combat Systems Evaluation & Analysis Laboratory
- Environment Centric Weapons Analysis Facility
- Maritime Undersea Sensors and Sonar Systems Complex
- Narragansett Bay Test Facility
- Naval Array Technical Support Center (NATSC)
- Periscope Maintenance and Repair Facility
- Quiet Water Tunnel
- Shipboard Electronic Systems Evaluation Facility (SESEFs)
- Submarine Bridge Trainer
- Submarine Towed and Deployed Systems Research, Development, Test and Evaluation Complex
- Survivability Test Facility
- Undersea Vehicle Testing and Experimental Research Complex
- Undersea Warfare Analysis Facility
- Undersea Warfare Collaboration for Analysis and Fleet Experimentation (USW CAFE)
- Underwater Sound Reference Division
- Virginia Payload Tube Facility

Workforce Profile - 2021

- Total: 3,579
- Scientists & Engineers: 2,589

Advanced Degrees - 2021

- Ph.Ds — 156
- Masters— 957

Total Annual Funded Program - 2021

- $1.4 billion
- Contracts issued: $755 million

Newport Division Leadership

Ronald A. Vien, SES
Technical Director

Captain Chad F. Hennings, USN
Commanding Officer