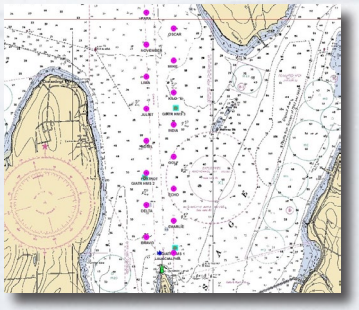
Operations Area North Range

The North Test Area is 10,000 yards long and 2,750 yards wide. Depth varies from 60 feet at the firing pier on Gould Island to less than 20 feet at the northernmost end.



Hole Area

The Hole Test Area is an elliptical depression located on the east side of Gould Island and has a maximum depth of 127 feet.

Outer Range

The Outer Range, in the Rhode Island Sound Test Area, is a Restricted Area, 4,000 yards wide and 17,500 yards long. Water depth varies from 100 feet at the northern end to about 120 feet at the southern end.

Cape Cod Operations Area

A variety of shallow water bottom types, including gravel 350 feet, deeper mixed mud/sand/gravel 700 feet, and a deeper sand site, make this range an excellent test area for determining torpedo performance.

Aircraft

Aircraft, including helicopters, are contracted for torpedo recovery and mammal watch support during exercises offshore.

Range Craft

The NBSWTF is serviced by a variety of range craft. A torpedo retriever and several small sea craft can be augmented by chartered vessels when required, just as aircraft, diving services, technical support, and marine design and drafting are available on relatively short notice under the Maintenance & Operations contract.

Torpedo Retriever

The TWR-841 is a 120 foot torpedo weapons retriever supporting torpedo recoveries and other tasks associated with range operations. It has berthing for 18 persons, a full galley, and an available 8'x8'x20' Conex converted for office/lab use. With a range of 1,000 miles, it can retrieve up to twelve heavyweight or 18 lightweight torpedoes, or take on a payload of 17 tons.

Small Craft

The WB 30 is a twin inboard aluminum hull range patrol boat with a capacity of 13 passengers and crew. The WB-825 / WB-607 / WB-608 are single outboard Monark 24-foot aluminum work boats capable of carrying two crew and two passengers. Also available are two RHIBs.

Divers

Contractor divers provide underwater services including UUV & weapon recovery, video surveys and searches, cable jetting, welding and cutting, and inspection of boats, piers, and obstructions.

For additional information please contact:

Naval Undersea Warfare Center Division, Newport
1176 Howell Street
Newport, RI 02841-1708
401-832-6892
nuwc_npt_pao.fcm@navy.mil

NBSWTF

Narragansett Bay

Shallow Water Test Facility

The Narragansett Bay Shallow Water Test Facility (NBSWTF), located just off the coast of Newport, RI, is a Naval Undersea Warfare Center (NUWC) test and evaluation facility that offers a variety of unique shallow water ranges to government and private industry which permit prototype underwater weapons systems to be exposed to real environments with a minimum risk of loss.

This facility is designed to support research and development work in advanced underwater weapons and weapons systems, weapon launchers, Unmanned Underwater Vehicles (UUVs), and worldwide at-sea oceanographic equipment.

NAVSEA
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NUWC Engineering and Diving Support Unit (EDSU)

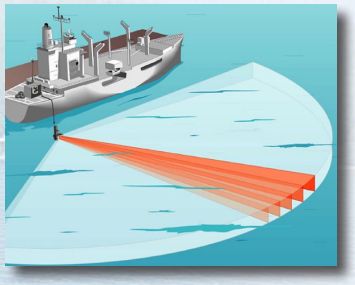
The NUWC EDSU is comprised of US Navy Divers who are civilian engineers, scientists, and technicians from across NUWC's product lines. Additional diving support is provided by contract divers on a 24-hour (or less) basis. These divers are experienced in vehicle recoveries, bottom surveys and searches, welding & cutting, underwater video, vessel inspections, cable jetting, etc.

Narragansett Bay Shallow Water Test Facility (NBSWTF) is the gateway to the Division Newport waterfront, providing Test and Evaluation (T&E) in support of Research and Development (R&D)

Advanced Unmanned Underwater Vehicles (UUV) and Unmanned Surface Vehicles (USV) Facility

Focal point for on-going Swimmer Detection System (SDS) and Diver Detection System (DDS) testing

Provide ships with the real time capability to detect, ID, warn, engage and assess swimmers or divers that pose a threat to high value assets while in port or at anchor.



Side Scan Towfish

The 4200-SP is a dual frequency system with a 300/600 kHz capability. The 105 lb tow fish is easily deployed from small craft here at the NBSWTF. Since it is such a small package to handle it can be deploy at a moments notice. The system is also capable of traveling with its operator to other sites.