

R/V Neil Armstrong

A new ship to explore
Earth's ocean frontier



Neil Armstrong's
"one giant leap"
forever changed the way
we look at our planet.

Now his legacy will continue
right here on Earth.



The Ship

The research vessel R/V *Neil Armstrong* was built by the U.S. Navy to advance knowledge of the ocean and our planet. The ship can put to sea for up to 40 days with 44 scientists and crew and will be equipped to conduct advanced oceanographic research almost anywhere in the world. *The Neil Armstrong* will be based in Woods Hole and operated by the Woods Hole Oceanographic Institution. The ship will provide scientists with a platform to study the global ocean and its importance to life on Earth.

Specifications

Length: 238 feet
Beam: 50 feet
Draft: 15 feet
Speed: 12 knots cruising
Endurance: 40 days
Range: 11,500 nautical miles
Complement: 24 scientists, 20 crew
Lab space: 1,732 square feet
Deck space: 4,510 square feet



R/V *Neil Armstrong* was constructed at Dakota Creek Industries in Anacortes, Wash., and will arrive at WHOI in 2015.



The Explorer

Neil Armstrong was a naval aviator, test pilot, and astronaut who pushed the boundaries of what was thought possible. As the first human to walk on the moon, his perspective gave us a greater appreciation of our place in the cosmos and a unique look at the oceans that cover

70% of Earth's surface. Armstrong's legacy of exploration will continue with the ship that bears his name and in the scientists and crew who push boundaries to explore and understand Earth's ocean frontier.

A Sea-going Legacy

The Woods Hole Oceanographic Institution (WHOI) was founded in 1930 with a simple goal: to illuminate the mysterious and complex workings of the ocean. Central to that effort was the 142-foot ketch *Atlantis*, the nation's first ship built specifically to support oceanographic research that later became the namesake of the Space Shuttle *Atlantis*. Today, WHOI remains a leader in oceangoing scientific research and is renowned for the ability of its seasoned crew and marine operations staff to ensure the safety and success of the most complex oceanographic expeditions.

WHOI at a Glance

- Largest nonprofit ocean science research institution in the world
- Studying the ocean and related earth systems since 1930
- More than 200 world-class scientists and engineers
- Over 100 current students and 900 alumni of the MIT-WHOI Joint Program
- Home to three research vessels and the deep-diving submersible, *Alvin*
- Specialized centers and institutes focused on a wide range of marine science, engineering, and policy issues

Woods Hole
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The original R/V *Atlantis* sailed nearly 700,000 miles in the service of ocean science.