

RTX's Raytheon Completes Hydrodynamic Testing for the Barracuda Mine Neutralization System



Milestone moves program one step closer to operational testing

From RTX

PORTSMOUTH, R.I. (October 7, 2024) – Raytheon, an RTX (NYSE: RTX) business, recently conducted a series of controlled environmental tests for the Barracuda Mine Neutralization System at the Naval Surface Warfare Center Carderock Division.

Using a production representative test unit, Barracuda operated and collected data in environments of various sea states and water currents, demonstrating the ability to hydrodynamically control itself in conditions simulating the ocean.

The test demonstrated the ability of the vehicle to detect, track and hold position on a target on its own. It was the first time Raytheon has executed this type of testing with the Barracuda mine neutralizer underwater vehicle and moves the program one step closer towards meeting operational requirements.

“This event marks a significant milestone in the advancement of underwater security and naval defense,” said Barbara Borgonovi, president of Naval Power at Raytheon. “Barracuda’s performance reaffirms its position as a game-changing solution for identifying and neutralizing naval mines, a critical

challenge in modern naval operations.”

Barracuda is the U.S. Navy’s program of record for next-generation mine neutralization. It is a semi-autonomous system that uses sonar and camera systems to locate and neutralize undersea mine threats.

Raytheon was first awarded a contract for Barracuda in 2018. The program completed its critical design review in March 2023, and has now entered its qualification testing phase. In July 2023, Raytheon was awarded a contract to deliver engineering development model units to the U.S. Navy. The program will go into Low-Rate Initial Production in 2027.