U.S. Navy Selects Lockheed Martin As The Seawolf Radio Room Software Support Contractor

The U.S. Navy selected Lockheed Martin as the Common Submarine Radio Room (CSRR) Software Design Agent and Interim Software Support Agent (SSA) for the Seawolf Class submarine. CSRR upgrades are worth a potential $20 million over the next two-to-five years.

Lockheed Martin provides CSRR solutions for the Ohio, Virginia and Seawolf Class submarines. Common software baselines for all submarine variants are provided in conjunction with the U.S. Navy's integrated product team.

The CSRR program is the U.S. Navy's communication bridge to common radio room systems across submarines and surface ships. CSRR provides a full spectrum, high capacity, interoperable subsurface communication system using rapid Commercial Off-The-Shelf (COTS) technology refresh and commonality transferable to surface shipboard systems.

"Extending the common submarine radio room technologies and open system architecture leverages the Navy's investment in warship external communications," said Captain Frank Unetic of the U.S. Navy's Program Executive Office for Command, Control, Communications, Computers, Intelligence and Space. "The CSRR approach allows the Navy to realize the benefits of common requirements, common architecture, common components, and gateway services that provide a bridge between the ship and joint offboard networks."

The CSRR is an integrated subsystem of COTS and specialized communication components, and is highly automated through an open system software architecture. The first CSRR was developed for the Virginia class submarine and then extended to the Ohio and Seawolf classes. The design reduces the area of a submarine's radio room 30 percent and watch stander manning by two- thirds compared to earlier systems. The Virginia CSRR successfully maintained a common software baseline that has 85 percent commonality with Ohio class submarines and 91 percent commonality with Seawolf class submarines. The Los Angeles class submarine will be next in line for this transformational update.

"Expanding on our common submarine radio room successes, Lockheed Martin continues to champion common radio room initiatives for the U.S. Navy," said Richard F. Ambrose, president of Lockheed Martin Maritime Systems & Sensors' Tactical Systems line of business. "We are proud to be named the Software Support Agent helping the U.S. Navy as they transform their communication systems."

Headquartered in Bethesda, MD, Lockheed Martin employs about 130,000 people worldwide and is principally engaged in the research, design, development, manufacture and integration of advanced technology systems, products and services.

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