U.S. Navy Awards Lockheed Martin \$93 Million To Support Submarine Imaging System

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The U.S. Navy awarded Lockheed Martina contract valued at almost \$93 million for engineering services and support of the AN/BVY-1 Integrated Submarine Imaging System (ISIS) and for production of related hardware.

ISIS revolutionizes Navy submarine surveillance capabilities by integrating digital video and still images from devices on a submarine's exterior and presenting real-time imagery and analysis on crews' existing control room tactical displays.

"With ISIS, a submarine operator can manipulate a photonics mast with a joystick, while looking at digital video on a computer monitor, and share that video real-time with the entire combat team on various displays aboard the vessel," said Denise Saiki, vice president and general manager of Lockheed Martin's Undersea Systems business.

ISIS also provides submarine operators with additional image enhancement and analysis tools; active and passive range finding control; and recording, storage and recall options for imagery and associated data. In addition, the system's infrared cameras can enhance images and transmit them from the submarine to other naval and joint forces. ISIS supports both periscope and photonic mast applications.

Lockheed Martin began design work and testing of a portion of the inboard hardware and software for ISIS in 2004 that was first installed in a U.S. Navy submarine in 2006. In total, Lockheed Martin has delivered components for 20 ISIS systems for Los Angeles-class attack submarines and four configurations for Ohio-class guided missile submarines. ISIS is also scheduled to become the image processing system for the Virginia-class submarine. Under the new contract, Lockheed Martin will continue to provide design, development, testing, technology insertion/refreshment, production engineering, field engineering and system support services for ISIS. Some industry partners include 3Phoenix, In-Depth Engineering Corporation and SONALYSTS.

Headquartered in Bethesda, Md., Lockheed Martin is a global security company that employs about 146,000 people worldwide and is principally engaged in the research, design, development, manufacture, integration and sustainment of advanced technology systems, products and services. The corporation reported 2008 sales of \$42.7 billion.

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