

Lockheed Martin Team Performs First U.S. Navy Demonstration Of Joint Tactical Radio Network

JTRS Extends the U.S. Navy's Joint Maritime Communications System

San diego, July 19, 2011 /PRNewswire/ -- Lockheed Martin (NYSE: LMT) performed its first successful Joint Tactical Radio network demonstration for the U.S. Navy, transmitting Internet-Protocol enabled data and video communications Using a Joint Tactical Pre-Engineering Development Model (pre-EDM) radio, the team extended the Navy's existing network via wireless communications. The demonstration verified the technical maturity of the Airborne & Maritime/Fixed Station Joint Tactical Radio System (AMF JTRS) network.

(Logo: <http://photos.prnewswire.com/prnh/20110419/PH85737LOGO-b>)

AMF JTRS is designed to allow Airmen, Sailors, Marines and Soldiers to seamlessly share secure (NSA Type 1) voice, data, and video communications, in real-time.

"We conducted this interoperability demonstration to underscore the critical role that AMF JTRS will play in allowing Joint Forces to communicate," said Mark Norris, Vice President for Joint Tactical Network Solutions with Lockheed Martin's IS&GS-Defense. "By extending wired shipboard and shore networks via JTRS wireless capability, U.S. Naval communications will be able to dynamically route voice, data, imagery and video between any type of platform - ship, aircraft or fixed station - to meet their mission needs."

During the exercise at the Space and Naval Warfare Systems Center Pacific Combined Test Bed Laboratory, the Lockheed Martin team, supported by Northrop Grumman, integrated an AMF Pre-EDM Joint Tactical Radio with the Shipboard Automated Digital Network System (ADNS), which is the backbone for the U.S. Navy's Joint Maritime Communications System. Enabled with a preliminary version of the Internet Protocol-capable Wideband Networking Waveform (WNW) capability, the AMF JTRS radio transmitted Maritime command and control applications data, messages, live streaming video, and real-time situational awareness data from the shipboard network to another shipboard workstation.

Lockheed Martin's AMF JTRS team includes BAE Systems, General Dynamics, Northrop Grumman, and Raytheon.

Headquartered in Bethesda, MD, Lockheed Martin is a global security company that employs about 126,000 people worldwide and is principally engaged in the research, design, development, manufacture, integration, and sustainment of advanced technology systems, products, and services. The Corporation's 2010 sales from continuing operations were \$45.8 billion.

For additional information, visit: www.lockheedmartin.com/products/amf-jtrs

SOURCE Lockheed Martin

<https://news.lockheedmartin.com/2011-07-19-Lockheed-Martin-Team-Performs-First-U-S-Navy-Demonstration-of-Joint-Tactical-Radio-Network>