Lockheed Martin Delivers U.S. Navy's First Mobile User Objective System Satellite

Team Gearing Up for February 2012 Launch from the Cape

SUNNYVALE, Calif., Dec. 16, 2011 /PRNewswire/ -- Lockheed Martin (NYSE: LMT) delivered the U.S. Navy's first Mobile User Objective System (MUOS) satellite to Cape Canaveral Air Force Station, Fla., onDecember 15, where it will be prepared for a Feb. 16, 2012 liftoff aboard an Atlas V launch vehicle.

The MUOS constellation is a next-generation narrowband tactical satellite communications system that will augment and replace the legacy Ultra High Frequency Follow-On system, providing significantly improved and assured communications for the mobile warfighter.

The MUOS satellite will now undergo post shipment testing, fueling, payload fairing encapsulation, and mate atop the Atlas V launch vehicle in preparation for launch.

"MUOS will greatly enhance the capabilities of the warfighter to communicate on the move," saidMark Pasquale, Lockheed Martin vice president and MUOS program manager. "The system will provide military users 16 times the communications capacity of existing satellites, including simultaneous voice, video and data capability enhancements and we look forward to achieving mission success for our customer."

MUOS consists of four geostationary earth orbit (GEO) satellites with an additional on-orbit spare, and a fiber optic terrestrial network connecting four ground stations around the globe. Each satellite will feature two payloads that enable the system to integrate with the existing architecture while upgrading military users to the new wideband code division multiple access (WCDMA) system. Utilizing the latest commercial advances in 3G cell phone and satellite technology, MUOS will provide mobile warfighters point-to-point and netted communications services at enhanced data rates and priority-based access to on-demand voice, video and data transfers.

As the first MUOS satellite prepares for launch, the Lockheed Martin team continues to make significant progress on the subsequent satellites. The second MUOS space vehicle is currently undergoing environmental testing which will validate its performance in a simulated space environment. The second and third MUOS satellites are also steadily progressing in the production flow.

Lockheed Martin Space Systems, Sunnyvale, Calif., the MUOS prime contractor and system integrator, is leading a team that includes General Dynamics C4 Systems, Scottsdale, Ariz., and Boeing Defense, Space and Security, El Segundo, Calif. The Navy's Program Executive Office for Space Systems, Chantilly, Va., and its Navy Communications Satellite Program Office, San Diego, Calif., are responsible for the MUOS program.

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 low- and high-resolution JPEG image files of MUOS, please visit:http://www.lockheedmartin.com/muos

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