Full Coverage: U.S. Navy Accepts Fourth Lockheed Martin-Built MUOS Satellite For Secure Communications Network

MUOS-4 Completes Near-Global Network Coverage

SAN DIEGO, Dec. 3, 2015 /PRNewswire/ -- Following the completion of successful on-orbit testing, on Nov. 30, the U.S. Navy accepted the fourth Lockheed Martin (NYSE: LMT)-built Mobile User Objective System (MUOS) satellite.



The MUOS-4 satellite encapsulated for its Sept. 2 launch, completes the Navy's initial Mobile User Objective System (MUOS) secure communications constellation. MUOS-5, an on-orbit spare, will launch in 2016. Photo courtesy of United Launch Alliance.

Launched Sept. 2, MUOS-4 is the latest addition to a network of orbiting satellites and relay ground stations that is revolutionizing secure communications for mobile military forces. Users with operational MUOS terminals can seamlessly connect beyond line-of-sight around the world and into the Global Information Grid. MUOS' new commercial, cellular-based capabilities include simultaneous, crystal-clear voice, video and mission data, over a secure high-speed Internet Protocol-based system.

"MUOS-4 completes the initial constellation, providing the MUOS network with nearly global coverage. Mobile forces, equipped with MUOS terminals, will soon be able to communicate with each other – including voice, data and exchanging imagery – real-time, virtually anywhere on the Earth," said Iris Bombelyn, Lockheed Martin's vice president for Narrowband Communications. "This is a tremendous upgrade in communications capabilities over what currently exists for our nation and our allies."

MUOS-4 will be relocated in Spring 2016 to its on-orbit operational slot in preparation for operational acceptance. The satellite joins MUOS-1, MUOS-2 and MUOS-3, launched respectively in 2012, 2013 andJanuary 2015, and four required MUOS ground stations. MUOS-5, an on-orbit spare, also will be launched next year.

Once fully operational, the MUOS network will provide 16 times the capacity of the legacy ultra high frequency communications satellite system, which it will continue to support, and eventually replace. More than 55,000 currently fielded radio terminals can be upgraded to be MUOS-compatible, with many of them requiring just a software upgrade.

For additional MUOS information, photos and video visit:www.lockheedmartin.com/muos

About Lockheed Martin
Headquartered in Bethesda, Maryland, Lockheed Martin is a global security and aerospace company that – with the addition of Sikorsky – employs approximately 126,000 people worldwide and is principally engaged in the research, design, development, manufacture, integration and sustainment of advanced technology systems, products and services.

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