L-3 Linkabit Completes Successful NCW Multi-Beam Network Test Over WGS

SAN DIEGO, August 24, 2015 – L-3 Linkabit participated in a successful U.S. Army Multi-Beam Network-Centric Waveform (NCW) test over a Wideband Global SATCOM (WGS) satellite. The primary purpose of the test was to demonstrate the ability to transmit and receive voice and data IP traffic between nodes residing in multi-beam coverage areas.

The network consisted of 10 nodes operating in two WGS Ka-Band Narrow Coverage Area (NCA) beams that provide coverage for two geographically separated test sites. The terminals involved were equipped with L-3 Linkabit’s RMPM-1000 SATCOM modem and variously sized antennas – small-aperture (0.51 meter and 0.46 meter) On-The-Move vehicle-mounted, medium-aperture (2.4 meter) at-the-halt trailer-mounted, and large-aperture (9 meter) hub. The Linkabit RMPM-1000 SATCOM modem implements NCW capability. The modem and NCW are designed for very efficient transponder bandwidth and power resource utilization on both commercial and military satellites.

“The outcome of this test characterized the multi-beam operation of L-3’s RMPM-1000 modem and NCW in U.S. Army SATCOM networks over WGS satellites, including geographically disjointed theaters of operation,” said Elissa Seidenglanz, president of L-3 Linkabit. “The unique WGS capabilities demonstrated during this test further underscore our commitment to providing resource-efficient capabilities for SATCOM network operations.”

Some of the uniquely automated NCW features that were successfully demonstrated include:

- The ability to adjust for beam footprint contour offsets based on terminal location within the satellite beam
- The ability to optimally schedule large-aperture versus small-aperture transmissions using WGS-programmable gain states
- The ability to broadcast data to destinations residing in multiple beams with a single transmission using the WGS Channelizer Fan-Out capability
- The ability to perform seamless handover of network control between NC terminals residing in different beams using the WGS Channelizer Fan-In capability

L-3 Linkabit provides turn-key SATCOM On-The-Move (SOTM) solutions that enable mobile and halted forces to collaborate, access Department of Defense Information Network (DoDIN) resources, and
exchange voice, data and video in a tactical environment. L-3 Linkabit developed the NCW modem product family, which, when combined with an antenna and tracking system, provides an off-the-shelf SOTM solution for both military and commercial applications. To learn more about L-3 Linkabit, please visit the company’s website at www.L-3com.com/Linkabit.

Headquartered in New York City, L-3 employs approximately 45,000 people worldwide and is a prime contractor in aerospace systems and national security solutions. L-3 is also a leading provider of a broad range of communication and electronic systems and products used on military and commercial platforms. The company reported 2014 sales of $12.1 billion. To learn more about L-3, please visit the company’s website at www.L-3com.com.

Safe Harbor Statement Under the Private Securities Litigation Reform Act of 1995
Except for historical information contained herein, the matters set forth in this news release are forward-looking statements. Statements that are predictive in nature, that depend upon or refer to events or conditions or that include words such as “expects,” “anticipates,” “intends,” “plans,” “believes,” “estimates,” “will,” “could” and similar expressions are forward-looking statements. The forward-looking statements set forth above involve a number of risks and uncertainties that could cause actual results to differ materially from any such statement, including the risks and uncertainties discussed in the company’s Safe Harbor Compliance Statement for Forward-Looking Statements included in the company’s recent filings, including Forms 10-K and 10-Q, with the Securities and Exchange Commission. The forward-looking statements speak only as of the date made, and the company undertakes no obligation to update these forward-looking statements.

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