



ViaSat Successfully Demonstrates Mesh Satcom COTM Over Ka-band On Optus C1

First Ka-band COTM networking using LinkWay(S2) modems

CARLSBAD, Calif., Nov. 1, 2010 /PRNewswire via COMTEX News Network/ -- ViaSat Inc. (Nasdaq: VSAT) has successfully demonstrated full-mesh satellite communications at Ka-band between an Australian Army deployable 1.0-metre Compact Transmit Receive Suite (CTRS) terminal located at the Defence Science and Technology Organisation (DSTO) and a 48-cm communication-on-the-move (COTM) terminal located at BAE Systems Australia using a ViaSat LinkWay(R)(S2) [MF-TDMA satellite modem](#). This demonstration further shows the ability of the LinkWay(S2) modem to simultaneously support satellite communications with fixed site, at-the-halt, and on-the-move terminals within a single tactical LinkWay network.

(Logo: <http://photos.prnewswire.com/prnh/20091216/VIASATLOGO>)

(Logo: <http://www.newscom.com/cgi-bin/prnh/20091216/VIASATLOGO>)

The full-duplex mesh connection streamed high-definition video simultaneously in both directions between remote sites while the mobile satcom antenna was exercised on a multi-axis, full motion platform using the steerable Ka-band spot beam on the Optus C1 satellite. The [LinkWay\(S2\)](#) master reference terminal for the demonstration originated from a fixed terminal with a DVB-S overlay sourced from another Ka transponder on Optus C1.

"This is the first demonstration of Ka-band broadband communications-on-the-move using standard, off-the-shelf LinkWay(S2) modems," said Peter Weissmann, ViaSat business development manager for Australia and New Zealand. "This demonstration follows several very successful vehicular and airborne Ku-band mobile satcom demonstrations recently conducted in the U.S. It was also the first demonstration of the optional DVB overlay in a mobile setting, showing the versatility of the LinkWay(S2) platform."

ViaSat's [mobile satcom](#) products and technologies support customers that operate on its Yonder(R) worldwide service as well on their own networks.

The LinkWay full-mesh communication system has been a satellite networking workhorse for U.S. defense over many years and with the addition of this new COTM capability, will increase its ability to provide network-centric operations, particularly over the Wideband Global Satcom (WGS) constellation.

The COTM antenna was designed and developed as a concept technology demonstrator by EM Solutions Pty Limited based in Brisbane, Australia under contract to DSTO and has been successfully tested on an Australian Bushmaster Personnel Mobility Vehicle (PMV).

For more information see the LinkWay(S2) system datasheet or to purchase LinkWay(S2) modems, email: gov.satcom@viasat.com.

About ViaSat (www.viasat.com)

ViaSat produces innovative satellite and other digital communication products that enable fast, secure, and efficient communications to virtually any location. The company provides networking products and managed network services for enterprise IP applications; is a key supplier of network-centric military communications and encryption technologies and products to the U.S. government; is the primary technology partner for gateway and customer-premises equipment for consumer and mobile satellite broadband services; and owns WildBlue, the premier Ka-band satellite broadband service provider. ViaSat also offers design capabilities and a number of complementary products including monolithic microwave integrated circuits and modules, DVB-S2 satellite communication components, video data link systems, data acceleration and compression, and mobile satellite antenna systems. Based in Carlsbad, Calif., ViaSat includes a number of worldwide locations for customer service, network operations, and technology development.

Forward-Looking Statements

This press release contains forward-looking statements that are subject to the safe harbors created under the Securities Act of 1933 and the Securities Exchange Act of 1934. Forward-looking statements include statements that refer to the increased ability to provide network-centric operations. ViaSat wishes to caution you that there are some factors that could cause actual

results to differ materially, including but not limited to: contractual problems, product defects, manufacturing issues or delays, regulatory issues, technologies not being developed according to anticipated schedules, or that do not perform according to expectations; and increased competition and other factors affecting the defense industry generally. In addition, please refer to the risk factors contained in ViaSat's SEC filings available at www.sec.gov, including ViaSat's most recent Annual Report on Form 10-K and Quarterly Reports on Form 10-Q. Readers are cautioned not to place undue reliance on any forward-looking statements, which speak only as of the date on which they are made. ViaSat undertakes no obligation to update or revise any forward-looking statements for any reason.

LinkWay and Yonder are registered trademarks of ViaSat Inc.

SOURCE ViaSat Inc.

Copyright (C) 2010 PR Newswire. All rights reserved