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Hughes Showcases Satellite-based Airborne Solutions at Global MilSatCom 2012

Hughes Executive to Discuss BLOS SATCOM and MicroSat Technologies for Fixed and Rotary Wing Applications

GERMANTOWN, Md., Nov. 20, 2012 /PRNewswire/ -- Hughes Network Systems, LLC (HUGHES) will showcase its highly innovative range of satellite-based airborne communications solutions at the 14th annual Global MilSatCom Conference and Exhibition, which will be held at the Millennium Gloucester Hotel and Conference Centre, London from 27-29 November 2012.

(Logo: <http://photos.prnewswire.com/prnh/20110112/NE29456LOGO>)

In his keynote speech, Hughes senior director of its Defense and Intelligence Systems Division (DISD), Daniel Losada, will focus on the importance of innovation in the growing military airborne market. In particular, he will look at the latest developments from Hughes in high-throughput beyond-line-of-site (BLOS) solutions that have applications for fixed and rotary wing aircraft as defense organizations look to improve their intelligence, surveillance and reconnaissance (ISR) capability. He will also discuss MicroSat technologies suitable for C2 communications-on-the-move (COTM) and patrol manpack applications, as well as data extraction terminals for unmanned aerial vehicle (UAV) missions.

WHAT: "Innovations in SATCOM Technology for Beyond-Line-of-Sight C2 and ISR Missions

WHO: Daniel Losada, senior director, DISD, Hughes

WHEN: Thursday, 29 November 2012 at 11:50

WHERE: Millennium Gloucester Hotel and Conference Centre, London, UK

"Airborne ISR capabilities are critical to protect national security, keep warfighters safe and assist in emergency response activities," said Losada. "Hughes continues to develop advanced capabilities, many of which provide efficient and cost-effective solutions for our military customers. Our global networks allow us to work at home and in theater, providing continuous coverage for our customers."

Hughes solutions are integrated with a robust portfolio of secure managed services, providing governments with expert, proven support.

"Hughes is especially strong in the area of airborne communications," added Losada. "We have integrated with a number of antenna systems developers, enabling deployment of high-throughput SATCOM systems across a range of manned and unmanned airborne platforms. We have also undertaken a number of waveform implementations for more challenging applications such as rotary wing. Other specialized waveforms have been developed to meet the need for ultra-small apertures. As a result, less power and decreased weight have enabled bandwidth efficient, interoperable tactical systems to be deployed in theater."

Hughes will also exhibit its diverse range of tactical COTM high-bandwidth solutions for worldwide deployment. At a time of continuing budgetary constraints, the company's solutions support the vital mission requirements of land-mobile, maritime and airborne network-centric communications, while reducing operational costs through initiatives such as bandwidth optimisation.

Global MilSatCom is the largest event of its type in Europe and will include a wide range of military leaders addressing the attendees. For more information, please visit www.globalmilsatcom.com

About Hughes Network Systems

Hughes Network Systems, LLC (Hughes) is the world's leading provider of satellite broadband for home and office, delivering innovative network technologies, managed services and solutions for enterprises and governments globally. HughesNet[®] is the #1 high-speed satellite Internet service in the marketplace, with offerings to suit every budget. To date, Hughes has shipped more than 2.8 million systems to customers in over 100 countries, representing over 50 percent market share. Its products employ global standards approved by TIA, ETSI and ITU organisations, including IPoS/DVB-S2, RSM-A, and GMR-1.

Headquartered outside Washington, D.C., in Germantown, Maryland, USA, Hughes operates sales and support offices

worldwide, and is a wholly-owned subsidiary of EchoStar Corporation (NASDAQ: SATS), a premier global provider of satellite operations and digital TV solutions. For additional information about Hughes, please visit www.hughes.com.

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