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Hughes Partners with Tampa Microwave to Offer Portable ManPack Satellite Terminals

New HX based terminals suitable for global military operations

GERMANTOWN, Md., July 8, 2014 /PRNewswire/ -- Hughes Network Systems, LLC (HUGHES), the global leader in broadband satellite networks and services, has recently teamed with Tampa Microwave to embed their HX-based modem into the Tampa Microwave ManPack family of small tactical satellite terminals. The terminals range in size from 45cm to 1.3m and feature WGS and FIPS compliant Hughes HX technology that can support X, Ku- and Ka-band communications for both star and mesh type networks. The terminals' compact design and lightweight backpack facilitate one-person set-up, operation and transportation.



The ManPack satellite terminals offer a portable SATCOM solution that can stand up to and function in harsh tactical military environments. They feature auto-assist pointing which allows for rapid set up and satellite acquisition by personnel with limited training. Each unit in the family is rugged and quiet as they operate efficiently in any environment without the need for cooling fans.

This agreement allows Hughes to pair the ManPack terminals with embedded Hughes HX series modems to meet the needs of a broad domestic and international customer base through an international reseller agreement.

"Hughes looks forward to working with Tampa Microwave in the distribution of their X, Ku- and Ka-band portable ManPack terminals powered by HX technology," said Rick Lober, vice president and general manager of Hughes Defense and Intelligence Systems Division. "The large international base of installed HX hubs and teleports has driven the need for a terminal of this type for our overseas Government and Military customers."

Eric Guerrazzi, Tampa Microwave's general manager commented, "We are extremely pleased to add Hughes to our team of professionals who are enabling us to equip our Department of Defense and other Government agency users with the latest in portable SATCOM communications technology. We look forward to a mutually beneficial, long-term relationship with Hughes Network Systems."

For more information on the ManPack satellite terminals, please visit www.defense.hughes.com.

About Tampa Microwave LLC

Established in 1983 and headquartered in Tampa, FL., Tampa Microwave supplies both government and commercial entities with microwave/SATCOM modules, test equipment, and satellite terminals. Its line of ManPack terminals are in service with more than 30 different customers and deployed in front-line applications throughout the world. Tampa Microwave is a subsidiary of Thales Defense & Security, Inc., a global company serving the defense, federal, and commercial markets with innovative solutions for the [ground tactical](#), [airborne and avionics](#), [naval/maritime](#), and [security](#) domains. For additional information about Tampa Microwave, please visit www.tampamicrowave.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 4 million systems to customers in over 100 countries, representing approximately 50 percent market share. Its products employ global standards approved by the TIA, ETSI and ITU organizations, 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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