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## Hughes Introduces New JUPITER Ka-Band Routers to Global Market

### High-Throughput Technology Now Available to Expand Ka-band Services Worldwide

GERMANTOWN, Md., March 13, 2013 /PRNewswire/ -- [Hughes Network Systems](#), LLC (Hughes), the global leader in broadband satellite solutions and services, today announced the availability of its JUPITER™ high-throughput technology to the global market, beginning with two new Ka-band satellite routers — the HN9600 and HN9800.

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

These advanced Ka-band routers incorporate the same JUPITER technology that is the cornerstone for HughesNet® Gen4 high-speed satellite Internet service in the U.S. With over 659,000 subscribers (YE2012), HughesNet is the world's largest consumer satellite service, offering a choice of affordable plans and speeds up to 15 Mbps. The first two international service providers to offer the new routers are [Avanti Communications](#) on its Hylas 1 and 2 satellites over Europe, Africa and the Middle East; and [Yahsat](#), on its Yahclick service in the Middle East, Africa and SW Asia.

"JUPITER high-throughput technology has exceeded expectations in powering growth of our new HughesNet Gen4 service launched last October — bringing faster speeds, greater capacity and a richer network experience to our North American customers," said Pradman Kaul, president of Hughes. "But Hughes is the *global* leader in Ka-band satellite communications, and so these new routers represent just the first steps in seeding JUPITER technology worldwide."

Featuring a compact, integrated external radio unit with a single IFL cable for easy and rapid installation, both the HN9600 and HN9800 support the most bandwidth-demanding services offered on the latest generation of Ka-band satellites. The new routers are fully compliant with the industry-leading IPoS/DVB-S2 standard for optimized delivery of broadband services over satellite channels.

Ideal for enterprises of all sizes, the HN9800 incorporates innovative LDPC coding for superior modem performance with improved bandwidth efficiency. It also includes many WAN optimization features such as accelerated TCP and HTTP acceleration, DNS caching and strong data compression that significantly improves the end-user's web browsing experience.

The HN9600 is designed for customers seeking cost-effective connectivity for consumer/small office installations. It incorporates advanced coding and WAN optimization features, while also supporting Hughes On-Demand Streaming capabilities for high-quality Voice-over-IP (VoIP) traffic. Both HN9600 and HN9800 routers are commercially available now.

#### See them at SATELLITE 2013

Hughes will showcase the new routers at the SATELLITE 2013 Conference, which takes place at the Walter E. Washington Convention Center in Washington, DC, exhibit booth #6001, March 19-21, 2013.

To schedule an interview with a Hughes executive, please contact Jill Searl, Brodeur Partners, at (603) 559-5824.

#### 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 3.3 million systems to customers in over 100 countries, representing over 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](http://www.hughes.com).

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