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Hughes Adds Aeronautical Support to Award-Winning JUPITER System

Global Eagle Entertainment to utilize JUPITER System for broadband aeronautical service

GERMANTOWN, Md., Oct. 21, 2015 /PRNewswire/ -- Hughes Network Systems, LLC (Hughes), the global leader in broadband satellite solutions and services, today announced a full suite of aeronautical mobility features and capabilities for its award-winning JUPITER™ System, that will enable service providers to offer industry-leading throughput performance and spectral efficiency in this demanding and rapidly growing market.



Coincident with today's announcement, Global Eagle Entertainment Inc. ("GEE") (Nasdaq: ENT), a worldwide provider of aircraft connectivity systems, operations solutions and media content to the travel industry, announced it has signed an agreement with Hughes to utilize Hughes' JUPITER System HT Aero Modem, including the core router module and JUPITER mobility technology, to power GEE's next-generation, high-performance broadband aeronautical service.

This newest version of Hughes' HT Aero Modem incorporates significant technological advances that will enable GEE to deliver industry-leading aeronautical services on any Ku-band satellite, including both wide beam and HTS capacity. With the capability of the Hughes modem to support fast and seamless beam switchover, within a satellite or between satellites, users of GEE's service will enjoy superior broadband service on a global basis.

"This new platform represents a significant advance in satellite-based mobility connectivity, extending the capabilities of our JUPITER System—the mostly widely deployed HTS system in the world—to deliver high-performance mobility services across both HTS and conventional satellites," said Paul Gaske, executive vice president for Hughes. "Fully compatible with wide beam Ku-band and spot beam Ka-band satellite capacity, it positions mobility service providers to reliably and cost-effectively meet the continually growing demands of their customers to stay connected with high-speed Internet access virtually anywhere."

"We're excited to expand our already strong partnership with Hughes and to incorporate this new technology to provide unrivaled connectivity to passengers," commented Dave Davis, CEO for GEE. "With the upcoming launch of our new Global Ku antenna, the impending launch of Ku HTS satellites and this new technology from Hughes, we anticipate massive strides forward in the global inflight connectivity market and continued improvements in the passenger experience."

The Hughes JUPITER System mobility option incorporates a number of important features, including hitless beam switching which preserves the TCP connection either within or between satellites; doppler compensation; fast out- route acquisition; and return channel spreading to ensure compliance with adjacent satellite interference regulations.

About Global Eagle Entertainment (GEE)

Global Eagle Entertainment Inc. (NASDAQ: ENT) is a worldwide provider of aircraft connectivity systems, operations solutions and media content to the travel industry. Through the industry's most comprehensive product and services platform, Global Eagle Entertainment provides airlines with a wide range of in-flight solutions. These include Wi-Fi, movies, television, music, interactive software, as well as portable IFE solutions, content management services, e-commerce solutions and original content development. Serving more than 200 airlines worldwide, Global Eagle Entertainment delivers exceptional quality and value to its customers to help them achieve their passenger experience objectives. The company's headquarters are located in Los Angeles, California, with offices and teams located in North America, Asia, the Middle East, Europe, Africa, Oceania and South America. Find out more at: www.geemedia.com.

About Hughes Network Systems

Hughes Network Systems, LLC (Hughes) is the global leader in satellite broadband for home and office, delivering innovative solutions and a comprehensive suite of HughesON™ managed services for enterprises and governments worldwide.

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 5 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.

About EchoStar

EchoStar Corporation (NASDAQ: SATS) is a premier global provider of satellite and video delivery solutions. Headquartered in Englewood, Colo., and conducting business around the globe, EchoStar is a pioneer in secure communications technologies through its EchoStar Satellite Services, EchoStar Technologies Corporation and Hughes Network Systems business segments.

For more information, visit echostar.com. Follow [@EchoStar](https://twitter.com/EchoStar) on Twitter.

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