



Hughes Selected by OneWeb for Ground System Development and Production under New \$250 Million Contract

December 16, 2020

Hughes to Produce Gateways and User Terminal Modules to Power Services on the Low Earth Orbit Satellite Network

GERMANTOWN, Md., Dec. 16, 2020 /PRNewswire/ -- [Hughes Network Systems, LLC](#) (HUGHES), the global leader in broadband satellite networks and services, has been chosen by OneWeb, the Low Earth Orbit (LEO) broadband satellite communications company, to develop and manufacture essential ground system technology for the new LEO constellation. In a three-year contract valued at approximately \$250 million, Hughes will produce the gateway electronics for the OneWeb system as well as the core module that will be used in every user terminal.



"Today's announcement of a continued technology partnership with OneWeb reflects our position as the trusted innovator in the industry," said Pradman Kaul, president, Hughes. "The ground system we develop will enable reliable, low latency broadband data, ideal for a wide range of customer applications."

Neil Masterson, CEO, OneWeb, said: "OneWeb is building a global broadband network to deliver high-throughput, low latency enterprise grade connectivity services for a wide range of government, commercial, and mobility use cases. Our goal is to commercialize services in a year, and our partnership with Hughes will be vital in helping us launch a secure, trusted, resilient, space-based network."

Designed by Hughes engineers, each OneWeb gateway is capable of 10,000 hand-offs per second, orchestrating handover and tracking of hundreds of gigabits of data across hundreds of beams and millions of users. Under an agreement with OneWeb prior to a restructuring in March, seven gateways had been installed with several more in various stages of production. Under the new agreement, Hughes has ramped up production on the gateway equipment and resumed testing on the installed systems.

The agreement announced today also calls for Hughes to develop and manufacture the core module for the OneWeb user terminals. Designed by Hughes, the core module is uniquely adaptable across fixed as well as aeronautical and maritime mobility terminals, for either electronically or mechanically steered antennas.

After filing for bankruptcy protection in March, OneWeb is now under ownership by a new consortium led by the U.K. Government and Bharti Enterprises and in which Hughes has agreed in principle to invest \$50 million.

About Hughes Network Systems

Hughes Network Systems, LLC (HUGHES) is the global leader in broadband satellite technology and services for home and office. Its flagship high-speed satellite Internet service is HughesNet®, the world's largest satellite network with over 1.5 million residential and business customers across the Americas. For large enterprises and governments, the company's HughesON™ managed network services provide complete connectivity solutions employing an optimized mix of satellite and terrestrial technologies. The JUPITER™ System is the world's most widely deployed High-Throughput Satellite (HTS) platform, operating on more than 40 satellites by leading service providers, delivering a wide range of broadband enterprise, mobility and cellular backhaul applications. To date, Hughes has shipped more than 7 million terminals of all types to customers in over 100 countries, representing approximately 50 percent market share, and its technology is powering broadband services to aircraft around the world.

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. For additional information about Hughes, please visit www.hughes.com and follow [@HughesConnects](https://twitter.com/HughesConnects) on Twitter.

About EchoStar

EchoStar Corporation (NASDAQ: SATS) is a premier global provider of satellite communication solutions. Headquartered in Englewood, Colo., and conducting business around the globe, EchoStar is a pioneer in secure communications technologies through its Hughes Network Systems and EchoStar Satellite Services business segments. For more information, visit echostar.com. Follow [@EchoStar](https://twitter.com/EchoStar) on Twitter.

About OneWeb

OneWeb is a global communications network powered from space, headquartered in London, enabling connectivity for governments, businesses, and communities. It is implementing a constellation of Low Earth Orbit satellites with a network of global gateway stations and a range of user terminals to provide an affordable, fast, high-bandwidth and low-latency communications service, connected to the IoT future and a pathway to 5G for everyone, everywhere. Find out more at <http://www.oneweb.world>

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