U.S. Army Awards Hughes $11 Million R&D Contract for Enhancing Military Satellite Communications

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Advanced Software-based Artificial Intelligence/Machine Learning to Improve Narrow Band SATCOM Network Control Automation, Management and Interoperability

GERMANTOWN, Md., July 24, 2019 /PRNewswire/ -- Hughes Network Systems, LLC (HUGHES), the global leader in broadband satellite networks and services, today announced it has been awarded an $11.8 million R&D contract by the U.S. Army, answering its requirement for improved resiliency and interoperability among SATCOM systems for military communications. The contract calls for Hughes to demonstrate a new, end-to-end Narrowband SATCOM Architecture (NBSA) incorporating Machine Learning (ML) and Artificial Intelligence (AI) features designed to improve three critical areas – network management, automated control, and system interoperability – for the U.S. Army Combat Capabilities Development Command (CCDC), C5ISR Center, Space and Terrestrial Communications Directorate.

"This project exemplifies the shared commitment by the United States Army and Hughes to modernize and enhance network interoperability cost-effectively by using every available tool – including leading-edge software-based AI and ML technologies," said Dr. Rajeev Gopal, vice president, advanced programs at Hughes and principal investigator for the project. "We are proud to support the Army and help improve network interoperability and availability for narrowband SATCOM operations."

To learn more about Hughes defense solutions, visit defense.hughes.com

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 1.3 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 20 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 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 www.echostar.com. Follow @EchoStar on Twitter.

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