March 24, 2015

Major Middle Eastern Energy Company Selects Hughes JUPITER System to Power Oil Well Monitoring Network

GERMANTOWN, Md., March 24, 2015 /PRNewswire/ -- One of the largest Middle East-based petroleum companies has chosen Hughes Network Systems, LLC (Hughes) to supply its award-winning JUPITER™ System as the foundation network for monitoring oil wellheads across hundreds of miles of harsh desert.

The customer's network will consist of two JUPITER gateways and more than 600 ruggedized SCADA (Supervisory Control and Data Acquisition) satellite terminals developed by Hughes specifically for this application. Hughes was chosen because of its leadership in the satellite industry and proven experience with Ku- and Ka-band technology.

"We are proud to have been selected for this strategic project, which was especially challenging due its sheer size and harsh desert conditions," said Soheil Mehrabanzad, assistant vice president, Middle East/North Africa (MENA) region at Hughes. "It's an excellent example of how we're able to quickly adapt our powerful JUPITER satellite networking platform—in this case for a high security SCADA application—to deliver the most cost-effective solution to satisfy the demanding requirements of coverage, expansion capacity, and security."

The Middle Eastern company is the most recent customer of many leading service providers who have chosen the JUPITER System as the foundation platform for both high-throughput satellite (HTS) and conventional satellite broadband networks. This growing list includes Media Networks Latin America (MNLA), a Telefonica subsidiary in Latin America, Russian service provider Ka-Internet/RSCC, Turksat in Europe, Malaysian operator TS Global Network Sdn Bhd, and Grupo Pegaso in Mexico.

Named the 2014 Technology Innovation of the Year at VSAT Global 2014 in September, JUPITER features a high density and robust gateway architecture with lights-out operation, an enhanced IPoS air interface for efficiency and performance, and high-throughput terminals. The foundational technology is the powerful JUPITER System on a Chip (SoC), an advanced VLSI processor, employing a multi-core architecture and enabling 100 Mbps of throughput on every terminal within the JUPITER family.

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 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.

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