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Viasat Phased Array Flat Panel Antenna Selected by SES Networks for the O3b mPOWER System

New Viasat Flat Panel Antenna Set to Improve the Delivery of Satellite-Based Connectivity Worldwide

CARLSBAD, Calif., March 8, 2018 /PRNewswire/ -- Viasat Inc. (Nasdaq: VSAT), a global communications company, today announced that its solid-state, fully-electronic phased array flat panel antenna has been selected by SES Networks for the O3b mPOWER satellite communications (satcom) system. The Viasat flat panel antenna will be used for a new generation of customer edge terminals for multiple applications on the O3b network.

Viasat's flat panel antenna technology leverages years of commercial innovation and research and development (R&D) investment. The antenna offers a compact, lightweight solution for fixed and mobile broadband terminals. It is scalable, customizable and will enable SES Networks to target various types of users with different broadband connectivity needs.

"O3b mPOWER is designed to provide connectivity for application-aware services on a global scale," said John-Paul Hemingway, executive vice president of Product, Marketing and Strategy for SES Networks. "We've had a long-standing relationship with Viasat, and recognize that with their advancements in terminal technology, we can introduce the latest innovations and greatest cost-efficiencies across multiple market segments at great scale."

"As part of Viasat's commitment to broadband satellite services we have made some significant advancements in ground infrastructure and terminal technologies," said Kevin Harkenrider, president, Commercial Networks at Viasat. "We look forward to being an integral part of SES' O3b mPOWER ecosystem and believe our flat panel technology will help create compelling end-to-end experiences for SES Networks and its end-users."

Viasat's fully-electronic flat panel antenna has the ability to dynamically steer beams—without any moving parts—and rapidly follow a satellite's position, allowing seamless handover between satellites in a non-Geostationary Satellite Orbit (NGSO) constellation. The antenna also features advancements in spectrum usage; dynamic interference mitigation to and from other satellites; enhanced processing power; and the ability to perform on-the-fly reconfiguration of antenna characteristics to enable end-terminals to support and communicate within a hybrid satcom system of NGSO and Geostationary Satellite (GEO) systems.

The Viasat phased array is based on proprietary flat panel core technology, inclusive of a new radio frequency (RF) integrated circuit and a modular approach that enables multiple types of user terminals—from residential broadband and in-flight Wi-Fi to connected car and backhaul applications—to keep pace with growing broadband connectivity demands. The current phased array uses a dual-beam flat panel antenna system operating in the full Ka- frequency band with an ability to be customized for Ku-band applications. The development of the Viasat phased array is in part supported by the European Space Agency (ESA), through a Public Private Partnership (PPP) Viasat and ESA announced in November 2017.

About Viasat
Viasat is a global communications company that believes everyone and everything in the world can be connected. For more than 30 years, Viasat has helped shape how consumers, businesses, governments and militaries around the world communicate. Today, the Company is developing the ultimate global communications network to power high-quality, secure, affordable, fast connections to impact people's lives anywhere they are—on the ground, in the air or at sea. To learn more about Viasat, visit: www.viasat.com, go to Viasat's Corporate Blog, or follow the Company on social media at: Facebook, Instagram, LinkedIn, Twitter or YouTube.

Forward-Looking Statements
This press release contains forward-looking statements that are subject to the safe harbors created under the Securities Act of 1933 and the Securities Exchange Act of 1934. Forward looking statements include among others, statements that refer to the partnership with SES for the O3b mPOWER system, Viasat's fully-electronic flat panel antenna, performance, power, ability to dynamically steer satellite beams and communicate with NGSO and GEO systems. Readers are cautioned that actual results could differ materially from those expressed in any forward-looking statements. Factors that could cause actual results to differ include: contractual problems, product defects, manufacturing issues or delays, regulatory issues, technologies not being developed according to anticipated schedules, or that do not perform according to expectations, and increased competition and other factors affecting the communications and satellite sectors, generally. In addition, please

refer to the risk factors contained in Viasat's SEC filings available at www.sec.gov, including Viasat's most recent Annual Report on Form 10-K and Quarterly Reports on Form 10-Q. Readers are cautioned not to place undue reliance on any forward-looking statements, which speak only as of the date on which they are made. Viasat undertakes no obligation to update or revise any forward-looking statements for any reason.

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