

Hispasat and Phasor to develop and deploy new antenna for high-speed satellite connectivity to professional vehicles

- **Phasor's electronically-steered, flat antenna will link up with Hispasat satellite fleet to provide telecommunications services to commercial land transport vehicles.**

Washington DC, Madrid, 12 March 2018.- Phasor, the developer of leading, enterprise-grade electronically- steerable antenna (ESA) systems for commercial mobile broadband, today announced that it will enter a partnership agreement with Spanish satellite operator Hispasat, which will use its cutting-edge antenna technology to address rising connectivity demand for professional and passenger land vehicles in its geographical markets.

Phasor will collaborate with Hispasat on the development of a Ku-band electronically-steered antenna, (ESA) tailored to the unique requirements of land-mobility applications, using the same core technology found in Phasor's commercial maritime and aeronautical ESA solutions. Drivers and passengers in buses, trucks and emergency or municipal vehicles, will be able to enjoy a high-quality connected travel experience for applications like operational telematics, and passenger Internet access, mobile telephone services, and even entertainment services on board, such as live TV. The antenna is expected to be available within two years.

After the product development stage, Hispasat will provide this new broadband access service to mobility environments on roads in Spain, Portugal, North Africa and Latin America, by means of its satellite fleet.

"With the advent of Phasor's breakthrough electronically-steered antenna system, exciting new markets are opening up to Hispasat" noted Jordi Bosom, Chief Strategy & Business Development Officer for Hispasat. "Our satellites, coupled with Phasor's ESA, will provide powerful mobility connectivity for unserved and underserved markets across our coverage areas."

"This historic alliance with Hispasat marks Phasor's very first commercial land-mobility agreement, dedicated to providing a truly connected travel experience for millions of passengers throughout Latin America," said David Helfgott, Phasor CEO. "Phasor's versatile and scalable ESA platform will play a vital role in helping Hispasat meet the growing demand for high-speed connectivity aboard connected mass transit systems."

Phasor's very low profile, electronically steerable antenna enables the reliable, robust delivery of high-bandwidth services. The antenna is solid-state, with no moving parts, allowing satellite signals to be tracked electronically. The ESA can be flat or conformal in design and can be fitted seamlessly to moving vehicles, enabling aeronautical, maritime and land-mobile applications. The same technology is very well suited to support traditional fixed satellite networks, High Throughput Satellites, and Non-Geosynchronous satellite networks. Phasor's modular antenna architecture allows the system to be scaled to virtually any use-case requirement, fixed or mobile.

DIRECCIÓN DE COMUNICACIÓN

About Phasor, Inc.

Phasor Inc. is a leading developer of high throughput, enterprise-grade, modular phased array antennas, headquartered in Washington DC, with a technology development subsidiary in London. Phasor's electronically steerable antennas (ESAs) are based on patented innovations in dynamic beam forming technologies and system architecture. Phasor's mission is to enable high-speed broadband communications while in-flight, at sea or travelling over land. For more information please visit www.phasorsolutions.com

About HISPASAT

HISPASAT is comprised of companies that have a presence in Spain as well as in Latin America, where its Brazilian affiliate HISPAMAR is based. HISPASAT is a world leader in the distribution and broadcasting of Spanish and Portuguese audiovisual content, and its satellite fleet is used by important direct-to-home television (DTH) and high-definition television (HDTV) digital platforms. HISPASAT also provides satellite broadband and connectivity services which include Internet access, mobility and the extension of mobile networks, in addition to other added value solutions to governments, corporations and telecommunication operators in America, Europe and North Africa. HISPASAT is one of the world's largest companies in its sector in terms of revenue, and the main communications bridge between Europe and the Americas. www.hispasat.es

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