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***NEW GPS MASTER CLOCK FOR DIGITAL BROADCAST SYNCHRONIZATION***

*The Model EC20S is the latest generation of the industry-standard Epsilon Clock™*

ROCHESTER, NEW YORK and LES ULIS, FRANCE — Spectracom, a company of the Orolia Group (NYSE Alternext Paris – FR0010501015 – ALORO), announces the availability of a new GPS Clock to synchronize digital broadcast signals to improve quality of service and support efficient spectrum utilization for broadcasters of digital television and radio, and other communication transmissions. The Model EC20S is the latest-generation Epsilon Clock – the standard in the industry for high performance and reliability.

**Synchronization plays a critical role in the reliable operations of digital broadcast deployments**, particularly for single frequency networks (SFN) where all transmitter sites use the same frequencies. For each instant in time, **every transmission needs to broadcast the same digital data at the same exact frequency**. Epsilon Clocks provide the signals required to synchronize the time and frequency throughout the transmission network.

The EC20S is a **GPS-based turnkey synchronization solution that offers the lowest-cost of ownership**. New features include an increased number of synchronization signals (7 each for timing and frequency, expandable to 10 each) allowing to mutualize synchronization over several transmitters on the same site, improved network management tools for ease-of-use, including SFN compliance monitoring, and a unique signal squelching function for reliability.

Spectracom business development VP, Emmanuel Sicsik-Pare said, “The transition from analog to digital terrestrial TV everywhere on the planet, the increasing demand for new services, and the need for better spectrum efficiency require improved synchronization systems to meet the requirements of standards such as DVB-T/S/H, ISDB-T, T/H-DMB, FLO, and DAB and DRM”. The EC20S is also well-suited for wireless synchronization of base transceiver stations for WiMax, CDMA, and TD-SCDMA. Mr. Sicsik-Pare continues, “We understand the needs of these

standards for the success of terrestrial, satellite, mobile, and other new wireless communications systems”.

The Model EC20S Epsilon Clock joins the EBO3 Epsilon Board OEM, EC1S Epsilon Clock Module, and the EC22S Redundant Epsilon Clock in the most complete line-up to support network operators, transmitter manufacturers, and system integrators alike.

### **About Spectracom Corporation**

Spectracom Corporation, a company of the [Orolia Group](#), designs, develops, and manufactures Legally Traceable Time<sup>®</sup> and frequency products that are used for Synchronizing Critical Operations<sup>®</sup> in a wide variety of communications, broadcast and IP networks in Public Safety, Aerospace and Defense, Financial Services, Healthcare and Broadcast markets. Founded in 1972, Spectracom's worldwide headquarters is located in Rochester, New York. Spectracom is an ISO 9001:2000 registered company. For more information, visit [www.spectracomcorp.com](http://www.spectracomcorp.com).

### **About Orolia**

Orolia is a high-technology group specialized in precise timing, positioning and synchronization. Orolia provides high-precision electronics equipments that help determine the ‘where and when’ of people, objects or events in large and growing markets such as Defense & Security, Space & Navigation and Telecom & Broadcasting. High-precision timing, positioning and synchronization solutions are vital for satellites navigation systems, space exploration and military operations. They are also required for day life applications in public safety with synchronizing call taking, dispatching and operations between police, fire, and Emergency Medical Services, or in telecommunications for wireless telecom networks or Digital Terrestrial Broadcasting or mobile TV. In addition, the measurement and analysis of time and frequency signals is critical to organizations as diverse as telecom operators, metrology, laboratories, R&D centers, or armies all around the world. The Orolia group deploys its systems worldwide through four companies: Pendulum Instruments, Spectracom, SpectraTime and T4Science. The group has committed to an organic growth strategy boosted by acquisitions. Orolia’s headquarters are located in Les Ulis, (France). The company also has main offices in Neuchâtel (Switzerland), Stockholm (Sweden), and Rochester (New York). [www.orolia.com](http://www.orolia.com).

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