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REDUNDANT SYNCHRONIZATION FOR OPERATORS OF CRITICAL DIGITAL BROADCAST SITES

The first totally integrated dual GPS master clock offers a cost-effective solution for critical transmission points delivering new digital television or radio services

ROCHESTER, NEW YORK and LES ULIS, FRANCE — Spectracom, a company of the Orolia Group (NYSE Alternext Paris – FR0010501015 – ALORO), announces the immediate availability of the EC22S Epsilon Clock™, a leading synchronization solution for operators of critical transmitters in digital broadcast networks. Differentiated by true redundancy and integrated IP functions, the EC22S is based on the principles of high reliability/ zero down-time, ease of use and ultimately, lower cost of ownership for network operators through improved performance.

Spectracom business development VP, Emmanuel Sicsik-Pare said, “We understand the increasing pressure on network operators to deploy digital services quickly, reliably, with the highest quality of service. The model EC22S specifically addresses those issues for efficient synchronization of the most critical elements of their network infrastructure.” Mr. Sicsik-Pare continued, “We allow for the synchronization of multiple transmitters on the same site, thus **mutualizing this function over highly multiplexed sites.**”

Synchronization plays a critical role in the reliable operation of digital broadcast deployments, particularly for single frequency networks (SFN) where all transmitter sites in a region use the same frequencies, providing **significant spectrum savings for operators**. Thanks to the use of the GPS signal reference, the EC22S Epsilon Clock master clock provides a cost-efficient and very accurate UTC aligned time and frequency reference with very low phase noise.

The Model EC22S is the only truly redundant master clock system in a space-saving 2RU chassis which includes redundant power supplies, redundant GPS receivers, and redundant hot-swappable clock modules. In the event of failure of any component, outputs signals are switched with very low phase glitch to ensure continuity of operations. **Ease of use is ensured through highly**

integrated IP management functions. The EC22S can be inserted in the same IT management infrastructure as other elements in the network.

The EC22S retains all the market-leading performance characteristics that have made Spectracom's Epsilon Clock solutions the most deployed master clocks for digital broadcast applications.

About Spectracom Corporation

Spectracom Corporation, a company of the [Orolia Group](#), designs, develops, and manufactures Legally Traceable Time[®] and frequency products that are used for Synchronizing Critical Operations[®] 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.

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.

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