Septentrio Offers New-Generation Multi-Constellation Continuously Operating Reference Stations for DOTs

TORRANCE, Calif. – April 6, 2016 – Septentrio Americas announces the availability of its new PolaRx5 Continuously Operating Reference Station (CORS) platforms optimized for state DOTs and other RTK network operators.

The PolaRx5 CORS receivers can be purchased at special pricing by UNAVCO member organizations and affiliates. Septentrio has been selected by UNAVCO as the preferred vendor of CORS receivers under a multi-year agreement.

The PolaRx5 is powered by Septentrio's AsteRx4 next-generation multi-frequency engine. It offers 544 hardware channels and supports all major satellite signals including GPS, GLONASS, Galileo and BeiDou, as well as regional satellite systems such as QZSS and IRNSS.

Septentrio's field-proven Advanced Interference Mitigation (AIM+) technology enables the PolaRx5 to filter out both intentional and unintentional sources of radio interference, from narrowband signals over high-powered pulsed signals to chirp jammers and Iridium transmitters. In addition, Septentrio's patented APME+ multipath mitigation technology guarantees superior measurement quality by eliminating short-delay multipath errors without introduction of bias.

The PolaRx5 leverages Septentrio's comprehensive Web interface and built-in Wi-Fi and Bluetooth interfaces to give users complete control and visibility of the receiver. The user interface integrates easily into existing network management systems. The Web browser provides secure access to all receiver settings and status, data storage and firmware upgrades, as well as a built-in spectrum analyzer for system monitoring.

"The multi-constellation PolaRx5, with its powerful interference and multipath mitigation and new Web interface, is the ideal solution for DOTs to modernize their aging CORS installations to the newest GNSS technology," said Neil Vancans, vice president of Septentrio Americas.

About Septentrio

Septentrio designs, manufactures and sells high-precision, multi-frequency, multi-constellation GPS/GNSS equipment, which is used in demanding applications in a variety of industries, such as marine, construction, agriculture, survey, geographic information systems (GIS), and unmanned aerial vehicles (UAVs) as well as other industries. Septentrio receivers deliver consistently accurate GNSS positions scalable to centimeter level, and perform solidly even under heavy scintillation or jamming. Septentrio receivers are available as OEM boards, housed receivers and smart antennas.

Septentrio offers in-depth application and integration support to make its customers win in their markets. Septentrio is headquartered in Leuven, Belgium, and has offices in Torrance, Calif., and Hong

Kong, and partners throughout the world. To learn more about Septentrio and its products, visit www.septentrio.com.

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