

SBG Systems Selects Septentrio's AsteRx4 GNSS Receiver



SBG Systems has selected the Septentrio AsteRx4 OEM GNSS receiver to equip the Apogee product line. The Apogee is a new product line of highly accurate inertial navigation systems based on robust and cost-effective MEMS technology. The INS/GNSS solution combines the latest generation of MEMS sensors and the OEM version of the AsteRx4, a newly introduced high-precision GNSS receiver from Septentrio.

The Apogee series is especially suited for applications such as hydrography, mobile mapping and aerial survey where survey-grade attitude and positioning measurements are required.

The AsteRx4 OEM is a multi-frequency and multi-constellation dual antenna receiver that incorporates the latest innovative GNSS tracking and positioning algorithms from Septentrio. The AsteRx4 delivers the highest possible accuracy, scalable to a centimeter while integrating the entire suite of acclaimed GNSS+ algorithms proposed by Septentrio to maintain tracking during heavy vibration of machines, to assure position accuracy even under difficult ionosphere conditions and to mitigate or reject intentional or unintentional interference with GNSS signals.

Both the AsteRx4 OEM receiver and the Apogee INS/GNSS are on display at booth W40 (Septentrio) and booth E5c (SBG SYSTEMS) respectively during Ocean Business on 14-16 April 2015 in Southampton, UK.

<https://www.hydro-international.com/content/article/sbg-systems-selects-septentrio-s-asterx4-gnss-receiver>
