

SBG Releases Navsight Marine Solution



At this year's Oceanology International in London, UK, SBG Systems released the Navsight Marine Solution, a full high-performance inertial navigation solution designed to make surveyors' tasks easier in both shallow and deep water. Navsight Marine Solution integrates the latest generation of gyroscopes, accelerometers and GNSS receivers.

Navsight provides high-performance motion and navigation data as well as a real-time heave accurate to 5cm. To allow surveying when wave frequencies are large or complex, the solution comes with a delayed heave feature. If higher performance is required, the surveyor can count on Qinertia, SBG's INS/GNSS post-processing software.

New calibration procedure for easy installation

Whether the IMU comes with a surface or a subsea enclosure, they are all lightweight and easy to install. Navsight connects to any computer, with no software installation necessary. A 3D view of the boat shows the entered parameters so that the user can check the installation in real time. Navsight allows quick installation and initialisation thanks to the new mechanical calibration module. The embedded filtering controls and validates lever arms and antenna alignment during this procedure.

Navsight is compatible with Hypack, QINSy, or Teledyne PDS for seamless integration into existing workflows. It is available as MRU, with embedded GNSS, or using your own GNSS receiver.

Navsight comes as a motion reference unit, providing roll, pitch and heave, or as a navigation solution with embedded tri-frequency GNSS receiver or using an external one. Navsight supports RTK and every PPP service (Marinestar, TerraStar, etc.).

<https://www.hydro-international.com/content/news/sbg-releases-navsight-marine-solution>
