

High-accuracy Inertial Systems



SBG Systems, France, has announced the Ekinox Series, a family of MEMS-based Tactical Grade Inertial Systems. This series consists of two ITAR Free models: the Ekinox AHRS which provides 0.05° 3D attitude and 5cm heave, and the Ekinox INS which delivers additional 2cm position.

Ekinox accepts aiding data from various marine external equipments including DVL, dual antenna GPS, USBL, and EM Log. Ekinox is suitable for demanding Marine applications such as vessel motion monitoring, ROV & AUV control, or buoy positioning as it offers real-time surge, sway, and auto adjusting heave on four monitoring points, NMEA protocol and Ethernet communication.

Offered as a cost-effective alternative to FOG technology, Ekinox is also efficient in georeferencing data from sonar, Lidar and camera images.

<https://www.hydro-international.com/content/news/high-accuracy-inertial-systems>
