

# Fifth-generation OCTANS



iXBlue, France, is unveiling the fifth-generation OCTANS gyrocompass and motion sensor (attitude and heading reference system, AHRS) and brings in new and enhanced features, including IMO/IMO-HSC certification and inertial navigation system (INS) product upgrade-path. The OCTANS gives marine customers more product variant choices, thus expanding the industry's most comprehensive proven surface and subsea product range.

OCTANS is built on iXBlue's strap-down fiber-optic gyroscope (FOG) technology proven by thousands of units shipped, now backed by a new offer of 5 year warranty.

The fifth-generation OCTANS provides real-time output for roll, pitch, true heading, heave, as well as acceleration and rate of turn, under challenging environments without the need

for GPS/GNSS. It offers heading measurement accuracy of 0.05° Seclat and extending the capability to provide in real-time accurate heave for swells up to 30 seconds.

The extended iXBlue surface and subsea navigation comprehensive product range includes: QUADRANS, OCTANS and INS Product upgrade, HYDRINS, PHINS, and MARINS Series for surface/sub navigation and OCTANS Nano, OCTANS 3000, Rovins and PHINS 6000 for subsea. OCTANS is free of ITAR components (CJ) and is eligible for O&G license, making it easy to export.

OCTANS targets diverse civil and defence marine applications including survey (MBES/Lidar), offshore Oil&Gas, dynamic positioning (DP), motion monitoring, platform stabilisation, and safe robust navigation in GPS-absent applications such as tunnelling and defence.

To learn about OCTANS, from 13-16 April 2015, visit iXBlue stand at Sea-Air-Space, National Harbor, MD, USA (1139) or Ocean Business, Southampton, UK (H9).

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<https://www.hydro-international.com/content/news/fifth-generation-octans>

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