

Subsea Positioning Solutions for Seatronics



Seatronics will take delivery of a full suite of subsea positioning solutions worth more than EUR1.4 million from iXBlue. The procurement includes a number of GAPS pre-calibrated USBL systems, PHINS subsea and ROVINS Inertial Navigation Systems (INS) together with a quantity of Generation 4 OCTANS subsea gyros. All these systems incorporate iXBlue's™ maintenance-free Fibre Optic Gyro (FOG) technology.

Since the introduction of GAPS in the offshore industry more than 6 years ago, operators have been impressed by the accuracy, reliability and portability of this innovative system which combines acoustic positioning and inertial navigation technologies. GAPS is designed for high-accuracy tracking of ROVs, AUVs, sonar and other towed sensors. As the most accurate USBL in its class, it can operate from deep to extremely shallow water

and demonstrates matchless performance in challenging environments where conventional USBL systems fall short.

The ubiquitous OCTANS Subsea gyrocompass has been chosen by Seatronics as it delivers the performance, reliability and ease of use demanded by their worldwide customer base. An additional attraction of the Generation 4 OCTANS is that it can be upgraded easily to ROVINS to provide the benefits of inertial positioning.

The PHINS Subsea is used in most demanding subsea positioning applications such as metrology or pipeline out of straightness surveys. All of iXBlue's INS products can be integrated with DVL and other aiding sources to deliver robust and flexible positioning solutions for any subsea application.

<https://www.hydro-international.com/content/article/subsea-positioning-solutions-for-seatronics>
