
Press Release

For immediate distribution

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Hexagon | VERIPOS launches SPAN GNSS+INS technology for hydrographic survey applications

Market-leading SPAN technology from Hexagon | NovAtel delivers precise positioning, attitude, velocity and heave measurements

(Aberdeen, Scotland, September 10, 2020) Hexagon | VERIPOS is proud to introduce SPAN GNSS+INS technology from NovAtel, also part of Hexagon, into the offshore oil and gas marine market. NovAtel and its SPAN technology have accelerated development in GNSS positioning, sensor fusion and inertial navigation systems for over 15 years. Now, VERIPOS brings this proven technology to the marine market to optimize your positioning solution with GNSS and inertial measurement units (IMUs) to provide heading, attitude and heave measurements on the open water.

Through *deep coupling*, SPAN technology fuses measurements from the GNSS receiver and the IMU together to calculate a robust and reliable position, heading, velocity, attitude and heave. This process delivers a holistic and precise 3D solution, powering hydrographic survey applications through extended GNSS outages. The solution is scalable with multiple different IMUs, the VERIPOS LD900 receiver, and Quantum visualization software.

“The LD900 with dual-antenna functionality is able to unlock the SPAN GNSS+INS integration technology that has a long and successful track record,” explained Hexagon | VERIPOS Marine Segment Portfolio Manager Dr. David Russell. “The latest evolution of SPAN technology for marine has improved performance through deep coupling to provide exceptional positioning, velocity, attitude and heave measurements in highly demanding offshore hydrographic survey applications. The simple upgrade path to INS capability with the LD900 makes it a great choice for users in the market.”

To learn more about SPAN technology for offshore hydrographic survey applications, visit veripos.com.

Download the [SPAN marine technology media kit here](#).

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About Hexagon | VERIPOS

Hexagon is a global leader in sensor, software and autonomous solutions. We are putting data to work to boost efficiency, productivity, and quality across industrial, manufacturing, infrastructure, safety, and mobility applications.

Our technologies are shaping urban and production ecosystems to become increasingly connected and autonomous — ensuring a scalable, sustainable future.

VERIPOS, part of Hexagon, is a global technology leader, pioneering end-to-end solutions for assured positioning for the offshore marine oil and gas industry. VERIPOS delivers high-precision navigation and positioning products and services that enable dynamic positioning, drilling, marine seismic exploration, survey and construction with our pioneering positioning technologies. Learn more at [veripos.com](https://www.veripos.com).

Hexagon (Nasdaq Stockholm: HEXA B) has approximately 20,000 employees in 50 countries and net sales of approximately 3.9bn EUR. Learn more at [hexagon.com](https://www.hexagon.com) and follow us [@HexagonAB](https://twitter.com/HexagonAB).