



New GeoSwath 4 Deck Unit

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## Kongsberg Maritime: KONGSBERG Launches Next Generation GeoSwath Shallow Water Multibeam Echo Sounder

**Kongsberg, Norway, 4<sup>th</sup> November 2016**– Kongsberg Maritime has launched GeoSwath 4, the fourth generation of its market-leading GeoSwath shallow water multibeam echo sounder. GeoSwath remains the most successful shallow multibeam of its type but now, after more than ten years of record breaking sales it has been brought up to date with new features, better software and improved performance.

GeoSwath 4 features a new look deck unit, which is much smaller and lighter, with sufficient Ethernet, USB and serial interfaces to suit any combination of peripheral sensors. Inside, the new hardware enables the GS4 to transmit on both port and starboard transducers simultaneously, doubling the previous along track data density and increasing the performance and resolution as a result.

The new design positions GeoSwath 4 as the most advanced multibeam echo sounder in its class. It delivers unsurpassed productivity in shallow waters thanks to a very wide swath coverage, which can exceed 12x water depth, in addition to data coverage up to the water line. The system also enables reliable seabed classification and monitoring with real time side scan data, co-registered and geo-referenced and calibrated for repeatable results.

GeoSwath 4 is available in three distinct versions for versatile deployment options. The Standard version (GeoSwath 4) features the compact improved deck unit and compact transducer head as standard while the Rugged version (GeoSwath 4R) for deployment in extreme environments additionally features an IP68 rating and 24 VDC power supply. The third version is configured specifically for AUV, USV and ROV deployment (GeoSwath+ AUV/USV/ROV).

With a brand-new GUI, GeoSwath 4 has been simplified and automated for easier operation, helping surveyors to deal with complex survey situations. The new GS4 software has been specifically designed for the system and features real time processing and new automated filters. Although interfaces are available to all major packages, no 3rd party software is needed to deliver accurate results. The software includes 64-bit acquisition and processing, improved graphics, new file formats and many additional improvements that make the system faster and easier to use.

“These technological improvements keep the GeoSwath name at the forefront of the increasingly important shallow water market and ensure that users can quickly and accurately map these environments with confidence,” said James Baxter, Product Sales Manager, Kongsberg GeoAcoustics.

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## **About Kongsberg Maritime**

Kongsberg Maritime is a global marine technology company providing innovative and reliable technology solutions for all marine industry sectors including merchant, offshore, subsea and naval. Headquartered in Kongsberg, Norway, the company has manufacturing, sales and service facilities in 20 countries.

Kongsberg Maritime systems for vessels cover all aspects of marine automation, safety, manoeuvring, navigation, and dynamic positioning. Subsea solutions include single and multibeam echo sounders, sonars, AUV/Underwater Robotics, underwater navigation, communication and camera systems.

Training courses at locations globally, LNG solutions, information management, position reference systems and technology for seismic and drilling operations are also part of the company's diverse technology portfolio.

In parallel with its extensive technology portfolio, Kongsberg Maritime

provides services within EIT (Electro, Instrument & Telecom) engineering and system integration, on an EPC (Engineering, Procurement & Construction) basis.

Kongsberg Maritime delivers solutions that cover all aspects of technology underwater and on the water, aboard new build and retrofit vessels, and on offshore platforms and rigs, often under a single supplier strategy called The Full Picture.

Kongsberg Maritime is part of Kongsberg Gruppen (KONGSBERG), an international, knowledge-based group that celebrated 200 years in business during 2014. KONGSBERG supplies high-technology systems and solutions to customers in the oil and gas industry, the merchant marine, and the defence and aerospace industries.

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