



The GeoSwath Compact Survey Vessel

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Kongsberg Maritime - Ocean Business 2017: First Ever Complete KONGSBERG Survey Vessel Launches at Ocean Business

- *Compact, versatile platform delivered ready to launch*
- *Includes everything needed to conduct shallow water surveys anywhere*

Ocean Business 2017, Southampton - UK, 4th April 2017 – The innovative

new GeoSwath Compact Survey Vessel (CSV) is being shown for the first time at Ocean Business this week (located on the dockside). The first-ever KONGSBERG developed survey vessel integrates all the equipment needed to survey shallow coastal and inland waterways quickly. It is based on a powerful and manoeuvrable two-person catamaran equipped with the latest GeoSwath 4 shallow water multibeam system.

The GeoSwath CSV features a 30 HP outboard motor and is road transportable on the supplied lightweight trailer, which enables launch and recovery from even the remotest of locations. With a draft of only 0.35 metres and a dry weight of just 120kg the vessel can operate in extreme environments and utilising the full GeoSwath 4R system, it can map bathymetry and geo referenced side scan in minutes. The craft is light enough to be launched by one person, and all instrument controls, communication systems and survey operating tools are ergonomically designed so that everything can be accessed from the helmsman's position.

The GeoSwath multibeam system is mounted on a retractable pole with pre-installed motion sensor, GPS heading & position system and sound velocity sensor. The operator uses a console mounted ruggedised laptop to plan and control the survey. The vessel is even equipped with a VHF radio and is coastguard approved for use at sea with an International Marine Certificate.

By design, the GeoSwath CSV is effective in a wide range of shallow survey applications. Its shallow draft, high top speed and manoeuvrability combined with the stability of a catamaran hull make it ideal for use in both marine surveys and on canals, river and lakes. The ability to steer tight survey grids and quickly get from launch site to survey location and back makes it a fast and accurate addition to the surveyor's portfolio.

"KONGSBERG is famous for providing the most extensive technology portfolio for the professional survey market, but this is the first time we have offered a complete survey vessel to our customers," said Bill Hone, Sales Manager, Underwater Mapping systems, Kongsberg Maritime. *"The concept is simple; we have integrated our leading survey technology with a solid, high quality vessel, resulting in a turnkey solution from a single supplier."*

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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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