

GERMAN COASTAL REGION CHOOSES KONGSBERG's EM2040C

Six survey vessels from German Waterways and Shipping Offices in Bremen, Bremerhaven, Hamburg, Stralsund, Tönning and Wilhelmshaven will be retrofitted with hydrographic survey systems from Kongsberg Maritime.

Two vessels have had an EM3002 before and the other four will get KONGSBERG systems for the first time. All will have latest generation of shallow water multibeam echo sounder system EM2040C (dual head).

In November 2014 Kongsberg Maritime in Hamburg won the bidding process from the Federal Waterways and Shipping Administration for a tender of six vessels to be refitted with complete hydrographic survey systems including a new multibeam sounder on each. The shallow water multibeam echosounder system EM2040C in dual head configuration will be installed on the survey vessels BALTIC, JADE, NADIR, UWE JENS LORNSSEN, WEDEL and ZENIT. The first delivery has just recently taken place and the last commissioning is planned for the 1st quarter of 2016. The installations will be completed in parallel on different yards in Germany.



Survey vessel "WEDEL" of WSA Hamburg

Survey work

The KONGSBERG EM2040C multibeam systems will be used for survey work in the German Coastal Region. Processed hydrographic data is used to support each Waterways and Shipping Office (WSA) with regards to maritime traffic security, dredging, underwater structure inspections and pre-planning of underwater construction work. In addition, water science and obstacle detection are topics which must be covered. The data will be transferred to the Federal Maritime and Hydrographic Agency of Germany (BSH) and is used as a basis for preparation of hydrographic charts.



Survey vessel "Uwe Jens Lornsen" of WSA Tönning

For each vessel, a multibeam with high resolution mapping and inspection applications for use in coastal region (shallow water) has been specified by the Federal Waterways and Shipping Administration. These requirements are completely fulfilled by using the KONGSBERG EM2040C. The EM2040C is well proven in the market, has a wide frequency range and high resolution is given, too. In addition to the echo sounders, the package supplied by Kongsberg Maritime includes sound velocity sensors, several RTK GPS receivers as well as PC and network technology. Three vessels will also be equipped with the Seapath 330+ positioning system.

About Kongsberg Maritime

Kongsberg Maritime is part of Kongsberg Gruppen (KONGSBERG), an international, knowledge-based group that celebrates 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.

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 17 countries.

Kongsberg Maritime develops automation, control, navigation, dynamic positioning, hydroacoustics, AUV/underwater navigation/communication/camera systems, marine and offshore simulators and aft deck solutions for the seismic fleet. All Kongsberg Maritime deliveries are tailored to exact customer requirements and benefit from high quality design and manufacturing.

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.

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