



ME70 scientific multibeam 3D data displayed in Real time using the Simrad TD50 software

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Kongsberg Maritime: KONGSBERG to Deliver Complete Marine Ecosystem Assessment Solution for New Argentinian Research Ship

- *Suite of Simrad technology for new oceanographic and fishing research vessel*
- *Single, multibeam and sonar systems package becoming the de facto industry standard*

Kongsberg, Norway, 19th September 2016– Argentina’s National Institute of Fisheries Research and Development (INIDEP) has selected an extensive suite of Simrad marine ecosystem assessment technology from Kongsberg Maritime for installation aboard its new oceanographic and fishing research vessel. Currently under construction at Spanish yard Astilleros Armon Vigo SA and due for delivery mid-2017, the new 52m research ship will be built as a silent vessel, which combined with the advanced Simrad marine ecosystem package will enable highly accurate survey results for Argentinian scientists.

The combination of acoustic systems chosen by INIDEP is particularly suited to provide for understanding of the entire marine ecosystem. The equipment scope of supply includes: EK80 scientific wideband system, ME70 scientific multibeam system, a dedicated Bathymetric option for habitat mapping, SX90 Omnidirectional sonar for long-range detection and support for fishery operation, PI50 trawl monitoring system and FX80 with live camera feed from sampling trawl. The new Simrad TD50 software released in Vigo earlier this year is also included in the delivery, enabling the ME70 multibeam data to be visualised real time in 3D during a survey.

“To measure and map the marine ecosystem, from small plankton to large fish and mammals and in all layers of the water column is a challenge,” says Adrián Madirolas, leader of the hydroacoustic lab at INIDEP. *“The system setup for our new vessel is particularly suited to meet these challenges, allowing for more detailed information and also real time 3D distribution of the biology we study.”*

KONGSBERG is experiencing significant growth in deliveries of ‘integrated systems for research vessels’, which includes acoustic systems, integrated bridge systems, automation system and related vessel operational systems. In addition to the Simrad marine ecosystem package, the new INIDEP vessel will also utilise a Kongsberg Seapath 330+ with Motion Reference and GPS input to the acoustic systems and the Kongsberg MDM 500 Marine Data Management system.

“This combination of scientific single, multibeam and sonar systems is becoming the de facto industry standard for research vessels,” said Tonny Algrøy, Global Sales Manager Underwater Science, Kongsberg Maritime. *“INIDEP’s vessel will be highly advanced, especially for its size, and with recent developments such as real time 3D display of the ME70 multibeam data I feel confident it will be a very valuable tool for Argentinian scientists in the future.”*

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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 developed 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.

Marine and offshore training simulators, 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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