



The SA9510S sonar detects mines, obstacles and the sea-floor in.

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Kongsberg Maritime: KONGSBERG Active Sonar Suite and Bottom Navigation Package for Next Generation Submarines

The Swedish Navy together with SAAB Kockums AB has selected an active sonar suite and bottom navigation technology from Kongsberg Maritime for installation on two next generation A26 submarines, which are due for delivery no later than 2022. The contract was awarded through a competitive international tender process and follows a 2015 contract win covering similar

systems for two Swedish Navy A19 submarines.

The KONGSBERG technology package for the Swedish A26 submarines will consist of SA9510S Mine Avoidance and Navigation Sonars specially designed for submarine applications and a bottom navigation package containing EM2040 multibeam echo sounders, Side Scan Sonars, Sub Bottom Profilers and hydrographic echo sounders.

The SA9510S sonar detects mines, obstacles and the sea-floor in a wide swath ahead of the submarine, generating target warnings or alarms within sufficient time to perform avoidance manoeuvres. It is a vital tool providing information to crew for bottom navigation purposes and submerged navigation. The SA9510S sonar has the ability to detect and display the bottom profile in several selected horizontal directions in front of the submarine. Mine-seeking and submerged navigation can be performed simultaneously.

“The KONGSBERG active sonar suite enables next generation submarines to operate safely in extreme shallow and confined water. This contract is an important confirmation that our technology is preferred when sonars are procured in open international competition,” said Thomas Hostvedt Dahle, Director of Sales for Naval sonars in Kongsberg Maritime.

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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 and a total of 65 worldwide offices.

Kongsberg Maritime developed systems for vessels cover all aspects of automation, control, navigation, safety and dynamic positioning. Kongsberg Maritime also develops subsea solutions covering systems for Underwater Mapping (UMAP), Underwater Navigation (UNAV), Subsea Monitoring (SUMO) and Marine Robotics in addition underwater cameras.

Marine and offshore training simulators, LNG equipment, information management software, position reference systems, integrated aquaculture technology and advanced products to support seismic and drilling operations are also part of the company's diverse 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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