



Type 212CD class submarines in the Norwegian and German navies are set to benefit from a major KONGSBERG sonar and navigation package

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## **KONGSBERG active sonar suite and bottom navigation package selected for use on Type 212CD submarines for both Norwegian and German navies**

**Kongsberg, Norway, December 2021** – Active sonar suite and bottom navigation technology from Kongsberg Maritime (KONGSBERG) has been selected for installation on Type 212CD class submarines for both the Norwegian and German navies.

The contract was awarded through a comparative and thorough process governed by Kongsberg Thyssen Atlas JV (kta naval systems) and tkMS (thyssenKrupp marine systems) with other vendor(s).

The KONGSBERG technology package consists of SA9510S MKII Mine Avoidance and Navigation Sonars (MANS) plus a Bottom Navigation System (BNS) containing EM2040 MIL multibeam echo sounders and an EA640 echo sounder suite. These sensors provide valuable input to kta naval systems' ORCCA™ Navigation system to enable safe, indigenous submerged operation of the submarines.

ORCCA, the most modern combat system for non-nuclear submarines on the market, is the first of its kind in combining maximum adaptability with the highest level of IT security. It enables operators to conduct an integrated data analysis from a wide range of systems on board via one multifunctional console – and this in results in rapid, well-informed decision-making processes.

*“This contract is an important confirmation that KONGSBERG’s knowledge, experience and past performance in underwater acoustics have made this Norwegian-made underwater technology a world-leading development for both the commercial and defence segments,”* says Thomas Hostvedt Dahle, Director of Sales for Naval Sonars, KONGSBERG. *“As a former submariner I’m proud to take part in this program, and will look forward to supporting submarine operations for many years to come.”*

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## **About Kongsberg Maritime**

Kongsberg Maritime is a global marine technology company providing innovative and reliable 'Full Picture' technology solutions for all marine industry sectors including merchant, offshore, cruise, subsea and naval. Headquartered in Kongsberg, Norway, Kongsberg Maritime has manufacturing, sales and service facilities in 34 countries.

Kongsberg Maritime solutions cover all aspects of marine automation, safety, manoeuvring, navigation, and dynamic positioning as well as energy management, deck handling and propulsion systems, and ship design services. Subsea solutions include single and multibeam echo sounders, sonars, AUV and USV, underwater navigation and communication 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. Additionally, Kongsberg Maritime provides services within EIT (Electro, Instrument & Telecom) engineering and system integration, on an EPC (Engineering, Procurement & Construction) basis.

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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