

Kongsberg Active Sonar Suite Selected by Norwegian and German Navies



Active sonar suite and bottom navigation technology from Kongsberg Maritime 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 vendors.

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

Underwater Acoustics

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 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,” said Thomas Hostvedt Dahle, director of sales for naval sonars, Kongsberg. “As a former submariner, I’m proud to take part in this programme, and will look forward to supporting submarine operations for many years to come.”

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