

### ORCCA: New combat system for thyssenkrupp Marine Systems' submarines unveiled

At the 7th International Submarine Conference SubCon 2019 kta naval systems, a joint venture of thyssenkrupp Marine Systems and Kongsberg, presented its new combat system for non-nuclear submarines. The system called ORCCA combines for the first-time maximum adaptability with the highest level of IT security. It enables its operator to conduct an integrated data analysis from a wide range of systems on board via one multifunctional console – for a sound and quick decision-making process.

Kathrin Rohloff, CEO of kta naval systems: „ORCCA is the most modern combat system for non-nuclear submarines on the market. We brought together the expertise of our colleagues at ATLAS ELEKTRONIK and Kongsberg Defense & Aerospace to create a unique combat system. We will equip all future submarines from thyssenkrupp with this highly integrated system.“

The modular design enables the integration of new technologies and the adaptation to changing deployment scenarios throughout the lifetime of the system. Customers can constantly advance their combat system onboard to adapt to new requirements and to ensure that they always have the most recent available technology on board; no matter if in 10, 20 or 30 years.

The system shows this kind of flexibility already at installation: Subsystems from the respective customer countries can easily be integrated. In addition, the system can be used for all submarine classes of thyssenkrupp Marine Systems – whether newly built or retrofitted.

ORCCA enables its operators to interact as part of a unit in multinational missions like NATO or EU missions. The communication between the systems on board and to the national and in addition to the international domain modules is separated by a special IT infrastructure. ORCCA guarantees high speed and maximum security across the various communication channels.

#### About kta naval systems

kta naval systems sets new standards with combat systems for non-nuclear submarines. The company was founded in October 2017 as a joint venture between thyssenkrupp Marine Systems, its Naval Electronic Systems business unit (ATLAS ELEKTRONIK) and Kongsberg Defense & Aerospace. Based on the combined expertise of the joint venture partners, kta naval systems develops, produces and maintains as an exclusive supplier all combat systems for submarines from thyssenkrupp Marine Systems.

#### About thyssenkrupp Marine Systems

With around 6,000 employees, thyssenkrupp Marine Systems is one of the world's leading marine companies and a systems provider in submarine and surface shipbuilding as well as maritime electronics and security technology. Over 180 years of history and the constant pursuit of improvements are the basis for the company's success in constantly setting new standards. thyssenkrupp Marine Systems offers customized solutions for highly complex challenges in a changing world. The driving forces behind this are the employees of the company, who shape the future of thyssenkrupp Marine Systems with passion and commitment every day.

More information at [www.thyssenkrupp-marinesystems.com](http://www.thyssenkrupp-marinesystems.com)

#### About Kongsberg

KONGSBERG (OSE-ticker: KOG) is an international, knowledge-based group delivering high technology systems and solutions to clients within the oil and gas industry, merchant marine, defence and aerospace. KONGSBERG has close to 11,000 employees located in 40 countries.

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More information at <https://www.kongsberg.com/>

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