



Press release

Marine Systems

5 March 2020

Thyssenkrupp Marine Systems, Embraer and Atech sign a contract to build Brazilian Navy's Tamandaré Class Ships

On March 5th, in Rio de Janeiro, Emgepron, an independent state company, linked to the Ministry of Defense through the Brazilian Navy Command, and Águas Azuis, a company created by thyssenkrupp Marine Systems, Embraer Defense & Security and Atech, signed the contract for building four state-of-the-art Tamandaré Class Ships, with deliveries scheduled between 2025 and 2028.

The construction will take place 100% in Brazil, in Itajaí, Santa Catarina State, and is expected to have local content rates above 30% for the first vessel and 40% for the others. Thyssenkrupp Marine Systems will supply the naval technology of its proven MEKO® Class shipbuilding platform of defence vessels that is already in operation in 15 countries. Embraer will integrate sensors and weaponry into the combat system, bringing also to the program its 50 years' experience in systems technology solutions and in-service support.

Atech, an Embraer Group company, will be the supplier of the CMS (Combat Management System) and IPMS (Integrated Platform Management System, from L3 MAPPS), and the recipient of technology transfer in cooperation with ATLAS ELEKTRONIK, a thyssenkrupp Marine Systems subsidiary that produces the CMS and sonar systems.

"We are grateful to participate again in such important milestone in the history of Brazil's naval defence with the most advanced ships in their class. Looking back the great achievements we had since the construction of Tupi Class submarines in 1980s, it is a recognition of the technological excellence, reliability and longevity solutions we have offered for almost two centuries. The Tamandaré Class Programme will strengthen our ties by transferring technology and generating highly qualified jobs for the country", said Dr. Rolf Wirtz, CEO of thyssenkrupp Marine Systems

"The partnership validates our efforts to expand our defence and security portfolio beyond the aeronautical segment. Over the past few years, we have acquired expertise in developing and integrating complex systems, among others, in order to qualify Embraer to meet the needs of the Brazilian Navy, further strengthening our position as a strategic partner of the Brazilian State", said Embraer Defense & Security President and CEO Jackson Schneider.

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In addition to construction, the contract includes a sustained transfer of technology in naval engineering for building military ships and combat and platform management systems, as well as integrated logistical support and lifecycle management.

The Tamandaré Class Programme has the potential to generate direct and indirect job opportunities of high level of qualification. It provides for a solid national partnership model with proven ability to transfer technology and qualify local labour, which guarantees the development of future strategic defence projects in Brazil.

The naval alliance between thyssenkrupp Marine Systems and Embraer Defense & Security can also enable creating a base for exporting naval defence products from Brazil.

MEKO®: the authentic ship for blue waters

The new multi-mission vessels will be based on the proven MEKO® Class shipbuilding solutions from thyssenkrupp Marine Systems that are already deployed in 82 vessels operating in the Navies of 15 countries, including Portugal, Greece, Australia, Argentina and Algeria. The MEKO® modular design concept facilitates local integration and technology transfer, helping to reduce maintenance and modernisation costs. Combining cutting-edge technology, innovation and robust combat capabilities, the MEKO® Class is an authentic escort vessel for operating in blue waters, featuring exceptional autonomy and robustness qualities.

About Águas Azuis

Águas Azuis is a special purpose legal entity established between thyssenkrupp Marine Systems, Embraer Defense & Security and Atech, a subsidiary from Embraer, to build four new Tamandaré Class ships in order to amplify and modernize the Brazilian Navy fleet. It will have a strong presence in the country and count on parent companies solid experience on diverse areas.

The member companies have a solid and long-standing relationship, in addition to a strong presence in several countries. thyssenkrupp Marine Systems, a thyssenkrupp Group company, is the leader of the Águas Azuis naval partnership and one of the world's leading suppliers of systems for submarines and naval surface vessels, as well as maritime safety technologies, with a centuries-old history of shipbuilding. Embraer Defense & Security, Embraer's business unit, is present in more than 60 countries and is a leader in the aerospace and defence industry in Latin America.



Atech, an Embraer subsidiary, develops innovative solutions for the air traffic control, command and control systems, cyber security, instrumentation and control systems, embedded systems, simulators and logistics areas. Atech also operates in other strategical projects of Brazilian Navy as the LABGENE (Nuclear Power Generation Laboratory), for which develops Control and Protection systems, and the tactical mission combat system for the H225M/H-XBR SUPER COUGAR for the Brazilian Navy, as well.

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Picture download links:

[Tamandaré-Class 1](#)
[Tamandaré-Class 2](#)