

Editorial Note

Cartagena de Indias, January 23th 2015.

During 2014, COTECMAR strengthens its purpose as a Science and Technology Corporation by making important changes inside its organizational structure like creating the Vice-presidency of Technology and Operations which contains the Management of Science, Technology and Innovation as a business unit in charge of coordinating and boosting research, technological development and innovation processes in order to accomplish its corporate statement as scientific and technological leader of Colombian naval industry.

The approach of providing expert knowledge through research and its appropriate application into products has allowed COTECMAR ratify its technological character linked to industrial activity, and its calling to offer solutions to requirements of its customers. For this reason, from a research, development and innovation perspective, the business units (Production plants) are seen as laboratories where take place the identification of needs, sector problems and solutions testing, which are consequence of research and development processes. Within this virtuous circle, where market share, technological development and innovation permits to COTECMAR building and maintaining its sustainability in naval sector framed as a competitive bet in Colombia.

In this issue are found articles related to: Sonar systems to Surface platforms, Fuel cells integrations on board of ships, Confirmation of Methods in Measurement Equipment Calibration to ensure quality of ship production, anti-aircraft fire control by using direct geometric model and fatigue analysis of the structural bottom of an aluminium planning craft.

Greetings to our writers and readers, we appreciate your contributions and commitments in sustaining relationship to our spreading initiative of scientific knowledge among the naval design and architecture community.



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