

Editorial Note

Cartagena de Indias, July 31st, 2022.

Receive a very special greeting at the beginning of this new edition of our Ship Science and Technology Journal, after a dynamic semester in which the reactivation of research activities, technological development and the permanent search for innovation have marked the course of our action.

In these first six months of 2022, COTECMAR has developed processes aimed at fulfilling its corporate MEGA, thanks to the completion of the construction phase of our Marine Scientific Research Vessel and the progress made in the selection process of the technological partner for the Surface Strategic Platform (PES); milestones of the utmost importance for Colombian naval engineering, among other achievements.

Added to the above is the renewal of our recognition as a Technological Development Center for a maximum period of five years, recently received from the Ministry of Science, Technology and Innovation of Colombia; fact that fills us with pride and commits us even more to continue with the work of promoting the development of the naval, maritime and river sector of our country.

For this edition of the magazine we include topics such as: the speed and heading control system for an Unmanned Surface Vehicle -USV, the pedagogical strategy for the Generation of Capacities in the Development of Unmanned Surface Vehicles -USVs., the numerical study for the estimation of the hydrodynamic coefficients of current drag in maneuvers of assistance in port (dock) for frigates of the Colombian Navy by means of CFD, and finally, an analysis of the historical behavior of purchases of goods and services in the projects of repair and maintenance of COTECMAR – Bocagrande plant in the last five years.

I take advantage of this edition to, from now on, invite the entire scientific community to our eighth edition of our International Congress of Naval Engineering CIDIN 2023, to be held in our city between March 8 and 10, 2023.

At COTECMAR, "We Moving Forward"

Cordially,



Captain (ret.) CARLOS EDUARDO GIL DE LOS RÍOS
Ship Science and Technology Journal Editor