

Title Abstract: Case study: VTS of Colombia

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Abstract:

The first investigation in Colombia to know the maritime traffic management model, characterize the infrastructure and technology of the main port areas of the country, was carried out in 2015. The qualitative, descriptive method was used, making a benchmarking with the VTS of the ports from Hamburg and Bremen. Colombia has 14 maritime port captaincies to manage an average arrival of 33,647 motorboats per year, of which approximately 30% corresponds to international traffic.

It is concluded that the Maritime Traffic Control System in Colombia tends to its professionalization and standardization, with the implementation of modern technologies. The National Sub-Grade School "ARC Barranquilla" is the training center for the personnel that administers the VTS. A special model for evaluating areas and facilities designed for maritime traffic management is designed, in a City-Port context, which can serve as a reference for the construction of an IALA framework document. The study also considers a SWOT analysis to the DIMAR, as maritime authority, which aims to renew and update it. Auditing the State's investments is not only the task of DIMAR, as the executing agency, but also of all citizens and researchers interested in the professionalization and competitiveness of the country's maritime transport.