

Autonomous Ships and the Security in the South Atlantic

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Technological advances accompany the evolution of society rapidly, being present in several sectors of the economy. One sector that deserves a prominent role is maritime transport, responsible for approximately 80% of world commerce. The development of autonomous ships, commanded by algorithms and information technology, is a topic that has been in debate for some years. The project has advantages, such as reducing operating costs, replacing crew members with systems equipped with artificial intelligence, as it promises to revolutionize the maritime industry soon, however it lights up an alert. The dissociation of this mode of transport from human action considering the increasing automation can expose several countries to risks, with the likelihood of cyber and terrorist attacks, accidents as increases vulnerability to piracy, with high catastrophic potential. This paper aims to discuss the interference of autonomous ships in maritime security, especially in the South Atlantic, since the region has large participation in international commerce and might be the stage for intense traffic. With a qualitative exploratory approach and inductive method, it is intended to identify what will be the risks produced by the attempt of introducing this disruptive technology in the maritime domain.

Keywords: Autonomous Ships; Technological evolution; Maritime Security; South Atlantic; Shipping.

Abstract in Spanish or Hungarian (Presentation Language)

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