



University of Rijeka, Faculty of Maritime studies

PROJECT ACRONYM AND TITLE: Model for improvement of the ships' routing system

FUNDING PROGRAMME: Scientific-Research Project Initiatives of The University of Rijeka (ZIP UNIRI)

PERSON RESPONSIBLE: Vlado Frančić, Ph.D., Full Professor

FINANCIAL DATA

Project total cost	Overall funding assigned to PFRI
12.409,58 €	12.409,58 €

SUMMARY

Maritime transport is the backbone of international trade exchange around the world, which has a key role in global trade and the economy. The increase in maritime traffic and its concentration on certain routes prompted the need to improve the organization and ensure the smooth and safe flow of maritime traffic.

One of the ways of improving and organizing maritime traffic is the ships' routing system. The ships' routing system is determined by the regulations of the International Maritime Organization (IMO) whose main purpose and the aim is to increase the safety of navigation. The ships' routing system is established in areas with intense maritime traffic, in areas of convergence of navigation directions, and in areas where freedom of navigation is limited (adverse meteorological conditions, limited manoeuvring space, navigation marks, etc.). It is defined as a set of measures that include traffic separation scheme, two-way traffic lanes, inshore traffic zone, area to be avoided, roundabout, deep-water route for ships with a big draft and navigational areas defined as precautionary area.

The aim of the project is to identify the safety factors that affect navigation and based on them, determine the criteria for establishing the ships' routing system in a particular area.

Part of the research will be based on the EU project EUREKA, whose general goal is to increase the level of maritime security in the Adriatic Ionian region through systematic cooperation and coordination of the maritime administrations safety measures among all countries in the region.

Start date	End date
01.06.2023.	31.05.2026.

WEBSITE: -

ADDITIONAL INFORMATION:

Members of the project team:

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