



## University of Rijeka, Faculty of Maritime studies

**PROJECT ACRONYM AND TITLE:** ECDIS EHO

**FUNDING PROGRAMME:** *University of Rijeka fundings under the Faculty of Maritime Studies projects*

**PERSON RESPONSIBLE:** David Brčić

### FINANCIAL DATA

Project total cost	Overall funding assigned to PFRI
31.570 HRK	31.570 HRK

### SUMMARY

Considering growing changes in development of maritime technologies, as well as related subjects, Maritime Education and Training (MET) acts as specific type of education. These changes are particularly reflected in new navigational systems that are slowly but fundamentally replacing traditional navigational equipment.

In accordance with good navigational practice, introduction of new technologies calls for adequate education, training and development of appropriate skills and competencies. Navigational means and tools are changing; however it is necessary to maintain (and to further increase) corresponding level of navigational knowledge. *Electronic Chart Display and Information System* (ECDIS) stands as representative example of mentioned changes, since it marks a new approach to maritime surface navigation conducting.

Possibilities of educational process improvements are recognized, but also potential safety risks and dangers resulting from improper handling with the system and insufficient knowledge. Therefore, there appears a need for building of appropriate educational framework aiming at end-users knowledge level increase, being *Officers Of the Watch* (OOW). Furthermore, the tendency is to create a stable feedback between OOWs and other related stakeholders including instructors, educators and particularly future officers – students of nautical studies. This is the motivation for the planned research, whose objectives act as long-termed.

According to the above-mentioned, the development of educational-scientific project *ECDIS Experience, Handling and Opinion* (EHO) is ongoing, with further striving to ECHO version of the research, that are development *Concepts* and *Capabilities* of future system generations.

Start date	End date
07.11.2017.	07.11.2019.

### PARTNERSHIP

Br.	Partner organization	Country	Role
1.	Faculty of Maritime Studies Rijeka	Croatia	Lead partner

**WEBSITE:** -