



Navigation Practicum

The Faculty of Maritime Studies uses the part of the Port of Rijeka port area where the Practicum for navigation and safety at sea has been established with all the appropriate equipment (davits, lifeboats, fast rescue boat, life-saving equipment, etc.). The Practicum is currently in the process of relocating to the port of Torpedo. The space will be larger than the previous one, and it will have a covered area for field classes in the educational workshop.

Practical exercises, both for students and participants in numerous training programs, are held on the ships of companies with which the Faculty has a contract on business cooperation, i.e., in shipyards.



The practicum has the following equipment:

1. **Open lifeboat** is set on gravity davits, and boarding is performed at shore level. The boat is equipped with an engine and has all the survival equipment in accordance with the SOLAS convention, and the davits have the certificate of Croatian Register of Shipping.
2. **Totally enclosed lifeboat** is set on gravity davits and equipped with an engine and a sprinkler device for sprinkling the boat's hull.
3. **Life rafts** - Two pneumatic rafts are used when performing abandon ship drills, as well as during the sailing practice that students do on the training ship the Kraljica mora.



4. **Fast rescue boat** is moored in the water area of the Practicum. It is equipped with an outboard engine Suzuki DF90 ATL 66.6 kW and has all the equipment in accordance with the SOLAS convention. The boat has the following technical characteristics:

- Model: DUMI MH 650
- Total length: 6.50 m
- Breadth: 2.50 m
- Height: 1.96 m

The fast rescue boat has an accompanying davit that simulates the lowering and raising of the boat on the vessel. It is used to deliver the training course Proficiency in Fast rescue boat operations (STCW VI / 2-2). It is used for exercises for person overboard situation, towing rafts, and SAR operation.



5. **The sailboat “Spirit of Amulia”** is used for practicing and learning sailing skills. The sailboat has the following technical characteristics:

- Length: 7,71 m
- Breadth: 2,80 m
- Draught: 1,30 m
- Engine: SCAM DIESEL – CUBOTA SD 212
- Engine power: 9,3 kW (12,5 KS)
- On board capacity: 8 people
- Communication: VHF Apelco VXE75 device

The sailboat is used primarily by students for practicing the knowledge acquired in the courses Ship Handling Technique, Terrestrial Navigation, Maritime Meteorology and Oceanology, Marine Mechanical Systems, Safety at Sea, Ship Maintenance, Maritime Communications, Navigation Practice and Nautical Tourism.

In addition to practicing knowledge and skills, students participate in sailing regattas in the northern Adriatic (Fiumanka, Kraljevačka regata, Grobnička regata). It is also used to train students interested in obtaining skipper certificate.

6. **Two rowing lifeboats** are used for students trainings and rowing regattas that are organized at national and international level for maritime high schools and maritime faculties.



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