

**Purpose:**

SRV Survival Craft Simulator is intended for training and demonstration of competence of: seafarers designated to take charge of survival craft and rescue boats in conformity with Table A-VI/2-1 of STCW Code; seafarers designated to take charge of fast rescue boats in conformity with Table A-VI/2-2 of STCW Code.

**List of basic knowledge and skills, worked out with the use of Survival Craft Simulator:**

➡ for seafarers who are designated to take charge of survival craft and rescue boats:

- starting and operating a survival craft engine and its accessories
- handling survival craft in rough weather
- use of sea anchor
- action taken to maximize detectability and location of survival craft
- towing liferafts and rescue of survivors and persons in the sea beaching survival craft

➡ for seafarers designated to take charge of fast rescue boats:

- starting and operating a rescue boat engine and its accessories
- handling fast rescue boat in prevailing and adverse weather and sea conditions
- carry out search patterns and environmental factors affecting their execution
- use communications and signaling equipment between the fast rescue boat and a helicopter and a ship

**Simulated models:**

- active models of lifeboat and fast rescue boat
- target models of merchant vessels more 4100 grt, liferaft, helicopter

**Exercise areas:**

- open sea area
- district approach from sea to port and marina
- the test area of inland waterways with access to the sea, gateway and multi-span bridges

**Configuration**

The simulator consists of the Instructor WorkPlace (IWP) software and one or several Students WorkPlaces (WPS).

Functional features of software Instructor WorkPlace (IWP) manages the process of training the student

**Target groups**

Seafarers who are designated to take charge of survival craft and rescue boats  
Seafarers designated to take charge of fast rescue boats

**Ship types**

Generic



## The instructor provides:

- choice of exercises and adjusting the initial parameters (area of navigation, hydrometeorological conditions, time of the day, placement and trajectory of the target vessels, emergency situations, installation of navigation signs);
- entry of new targets;
- visual control of the students exercising with the help of virtual cameras;
- active management of the student's vessel; recording of the exercise for the debriefing;
- activation of distress signals to the liferaft.

Students workplace (WPS) provides the student with the opportunity of multiple fulfillment of the exercises set by IWP and improving practical skills.

WPS can be presented in base or compact configuration.

Base configuration includes steering stand with built-in steering wheel, sensor control panel(s) and visualization system on LCD panels.

Compact configuration includes steering stand and visualization system of the surfaced plant which come out on the display of the monitor. Steering is carried out with the help of joystick and mouse. Students workplace (WPS) imitates steering stand including steering stand with built-in steering wheel engine control (throttle/gears), sensor control panel including magnetic compass, navigation lights control buttons, search light control buttons, speed counter, panel for activation of distress signals; and visualization of the surrounding surface situation.

## Documentation

The simulator is supplied with a set of technical and operational documentation, including training and guidance on practical training.

## Regulations

- Table A-VI/2-1 STCW Code
- Table A-VI/2-2 STCW Code



Simulator

# SRV SURVIVAL CRAFT SIMULATOR

