Survival Craft Simulator
Survival Craft Simulator (SCS)

Based on the 5th generation of the
NAVIGATIONAL SIMULATION PLATFORM (NTPRO)

Trainees can acquire and demonstrate new competencies by successfully
completing SURVIVAL CRAFT SIMULATION tasks

The required competencies are highly procedural and therefore ideally
suited for SIMULATOR-BASED TRAINING

Benefits

RELIABILITY: reduces training downtime
due to equipment issues with a real lifeboat and
lifeboat davit.

EFFICIENCY: a simulator eliminates the
time-consuming preparations needed for training
when using a real lifeboat and lifeboat davit.

COMPETENCE: a classroom setup allows
multiple trainees to learn the procedures
individually and prepare for assessment on a
part task or full mission bridge.

COST PREDICTABILITY: a simulator
solution requires minimum maintenance
compared to a real lifeboat setup.

SAFETY: training carried out using real
lifeboats poses a safety risk to trainees, due to
heavy equipment and moving parts operating
under significant forces. These risks are
avoided with a simulator, whether on shore or
on board.

Simulation of the main lifeboat procedures

- Prepare survival craft
- Launch and board survival craft
- Maneuver survival craft to clear ship and return to falls
- Recover and stow survival craft

Includes a basic training
content

Enables operational data collection
of simulator usage

Allows user to access our online
marketplace to upload and/or
download training content directly
from the instructor station

Compliant with international
standards & regulations

- STCW 2010 Competence Tables, related to Survival Craft Training
- SOLAS and LSA Code requirements for Safety of Life and equipment characteristics
- Enables Survival Craft Training, mandatory for all officers aboard SOLAS vessels
- Survival Craft Simulator is certified by DNVGL and ClassNK
Survival Craft Simulator can be integrated with an existing simulator system, such as NTPRO classroom, part task bridge or full mission bridge or can be installed as a standalone simulator.

**Fully Scalable Solutions**

- One Survival Craft Functionality Module per simulator installation
- Interactive Bridge Information Display (IBID) Software Module per workstation or bridge for the classroom. The number of Modules for the part task and full mission configuration depends on individual customer requirements.
- SCS Dedicated Hardware (release and brake handles) for the part task and full mission configurations
- Train-the-trainer course
- SCS courseware including exercises, e-Tutor content, and other training materials

**Simulated Lifeboat Model**

- Based on a regular totally enclosed lifeboat (TELB), Norsafe JYN65 widely used on deep-sea vessels
- Davit-launched
- Self-propelled, self-righting, fitted with hook-release gear mechanism

**Hook-Release Gear Model**

Simulated components for Lifeboat release and recovery:
- Virtual or real hardware device
- Release handle
- Safety pin
- Lever of hydrostatic interlock
Lifeboat Control Panels Based on IBID Technology

Pre-checks panel
Visual panel
Magnetic compass panel
Release panel
VHF panel
Engine control panel
Auxiliary panel

Specific Survival Craft Conning Panel

- Easy access to all controls and indicators needed for Survival Craft Training
- Can be combined with a visual channel

Launch Platform

- Default option: Chemical Tanker 7 (LOA 183 m, Draft 13 m)
- Any own ship or ship target on request
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