



Purpose

The GPS/GLONASS Receiver Simulation Software is part of the Interactive Training Laboratory for Shipborne Navigational Equipment. It is intended for the practical training of deck cadets in the operation of the GPS/GLONASS receiver in the classroom.

Components and Functions

- An interactive simulator – an exact replica of the real GPS/GLONASS receiver. Cadets work with the same interface, controls, displays and menus, fully immersed in real operating procedures.
- An interactive textbook covering the operating principles of the GPS/GLONASS receiver and the basics of its operation. The textbook includes clear visualization of the underlying physical processes, animated scenarios, demonstrations of situations on the simulator and self-assessment tests;
- A library of exercises for developing practical skills in operating the GPS/GLONASS receiver. Exercises are performed on the simulator in three modes:
 - training mode, with prompts available to the trainee;
 - assessment mode, without prompts;
 - demonstration mode, in which the trainee observes the correct sequence of actions;
- A section on the design of the equipment.

Regulatory Framework

- STCW Code: Section A-I/12; Table A-II/1
- IMO Model Course 7.03 “Officer in Charge of a Navigational Watch”.

Target Audience

Deck officers, management level

Deck officers, operational level

Deck cadets

Ship Type

All types

