E-learning module

SHIPHANDLING IN SHALLOW AND NARROW WATER

Purpose:

The e-learning module (ELM) is designed for theoretical training of navigators in accordance with Chapter II of the STCW Convention in the part concerning of shiphandling in shallow and narrow water.

The ELM is included in the "Shiphandling basics" library.

What is an e-learning module?

E-learning module is the electronic textbook on one or more sections. Theoretical materials can be accompanied by drawings, diagrams, photos, animations and videos. There is a test for assessment of knowledge gained at the end of each section.

Contents:

- Brief characteristic of narrows and shallow waters
- Features of shiphandling in narrows and shallow waters
- Essence of the phenomena arising at ship's sailing through narrows and in shallow waters
- Ship's squat when sailing in shallow waters
- Course keeping ability and inertial characteristics in shallow waters and narrows
- Ship-ship hydrodynamic interaction during encounter maneuver's
- Shiphandling and maneuvering when sailing through a channel
- General recommendations when sailing in canal or through narrows

Target groups

Deck - Management
Deck - Operational
Deck - Support

Ship types

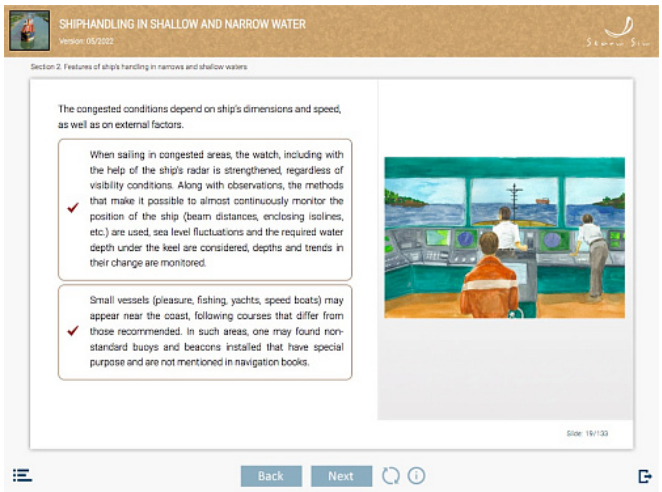
Generic

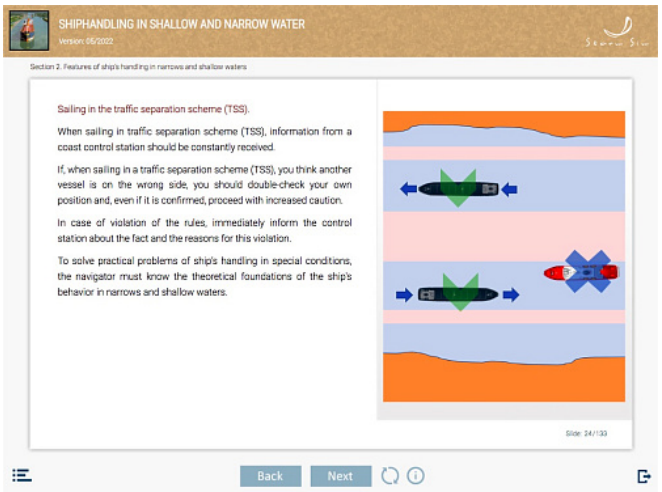
Regulations

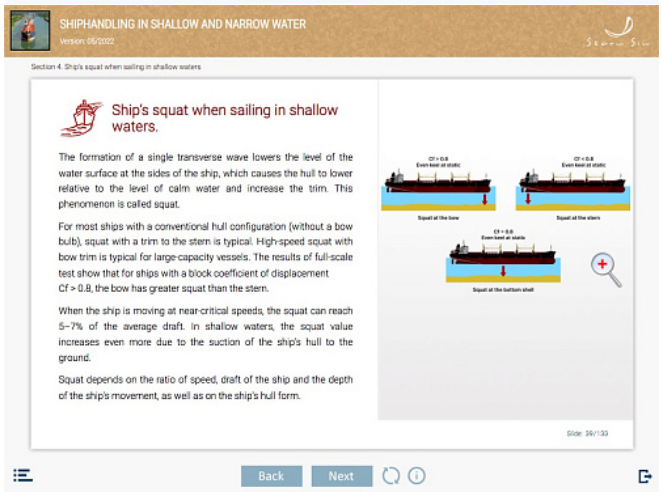
Table A-II/1 STCW Code
Competence: Manoeuvre the ship
Knowledge, understanding and proficiency: Ship manoeuvring and handling. Knowledge of: .4 squat, shallow water and similar effects.

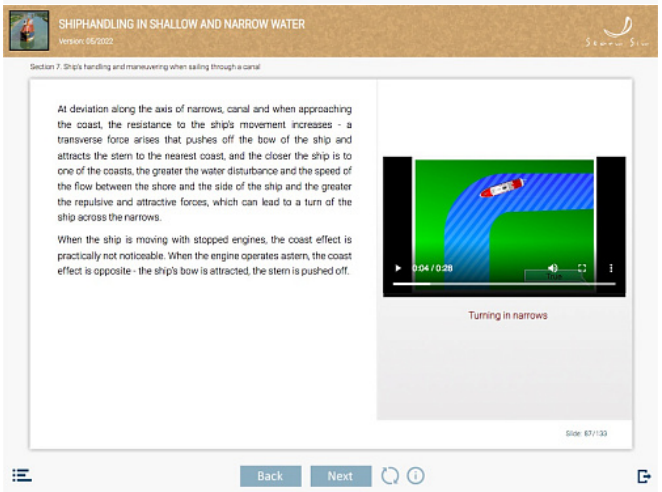
Table A-II/2 STCW Code
Competence: Manoeuvre and handle a ship in all conditions
Knowledge, understanding and proficiency: Manoeuvring and handling a ship in all conditions, including:
.2 handling ship in rivers, estuaries and restricted waters, having regard to the effects of current, wind and restricted water on helm response
.4 manoeuvring in shallow water, including the reduction in under-keel clearance caused by squat, rolling and pitching
.5 interaction between passing ships and between own ship and nearby banks (canal effect).

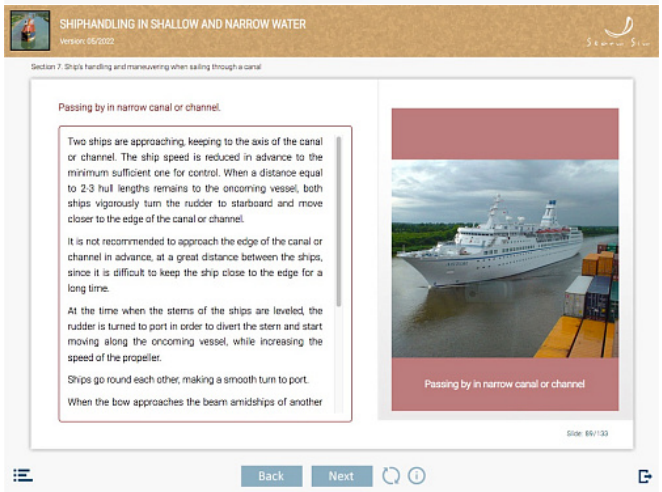
Table A-II/3 STCW Code
Competence: Manoeuvre the ship and operate small ship power
Knowledge, understanding and proficiency: Ship manoeuvring and handling. Knowledge of factors affecting safe manoeuvring and handling.

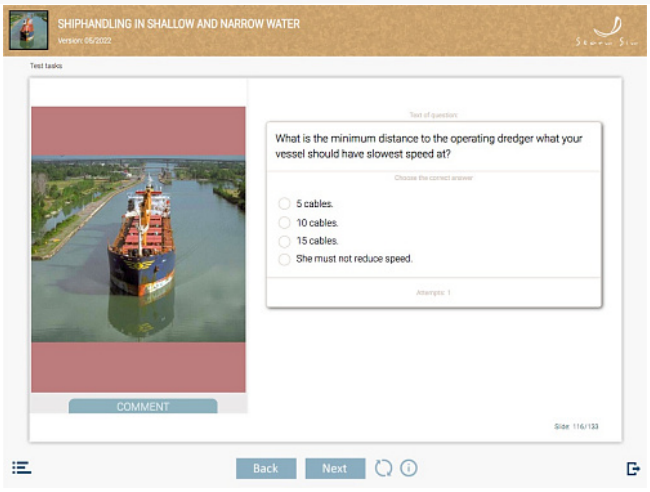












Web: https://www.stormsimulators.com/