E-learning module

SHIP MANOEUVRABILITY

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 ship manoeuvring.

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:

- General terms and definitions
- Forces and moments acting on a ship
- Ship's manoeuvring characteristics
- Information on ship's manoeuvring characteristics
- Impact of various factors on course change performance of ship
- Impact of propeller-rudder system on ship's manoeuvring characteristics
- Ways to improve ship's manoeuvring characteristics
- AZIPOD overview
- Briefly about operation of ship main engine

Target groups

Deck - Management
Deck - Operational

Ship types

Generic

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Regulations

Table A-II/1 STCW Code

Competence:	Manoeuvre the ship
Knowledge, understanding and proficiency:	*Ship manoeuvring and handling* Knowledge of: .1 the effects of deadweight, draught, trim, speed and under-keel clearance on turning circles and stopping distances.

Table A-II/2 STCW Code

Competence:	Manoeuvre and handle a ship in all conditions
Knowledge, understanding and proficiency:	*Ship manoeuvring and handling* Knowledge of: .1 the effects of deadweight, draught, trim, speed and under-keel clearance on turning circles and stopping distances.

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.

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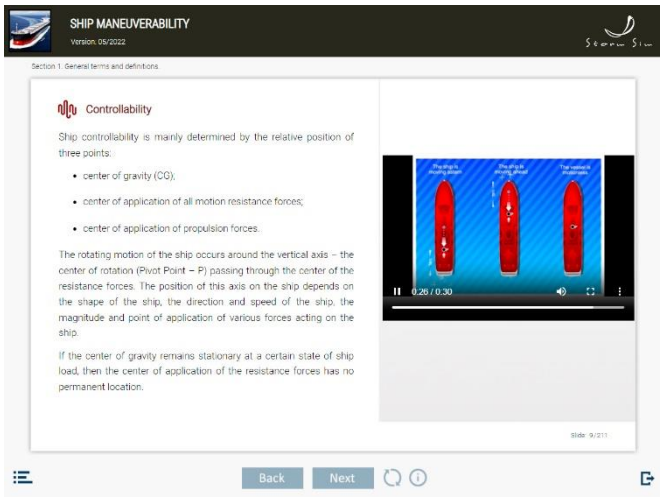

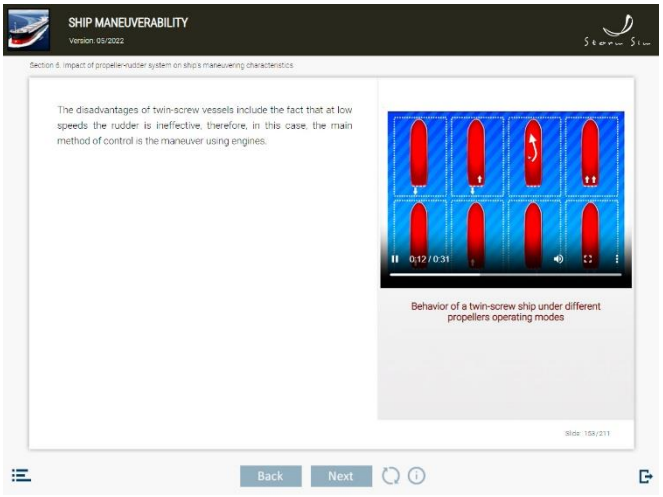

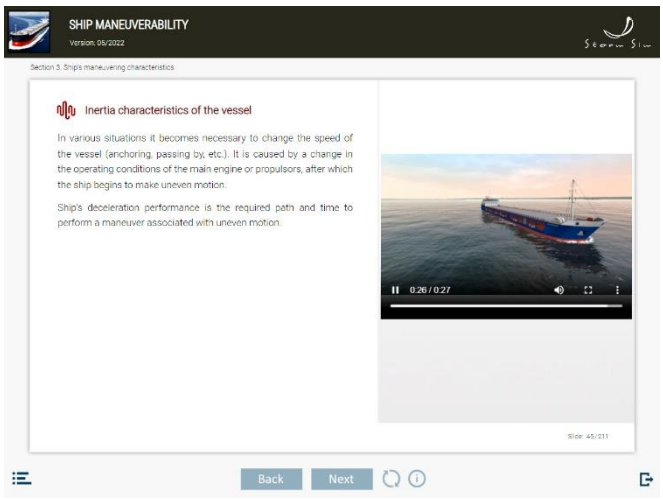

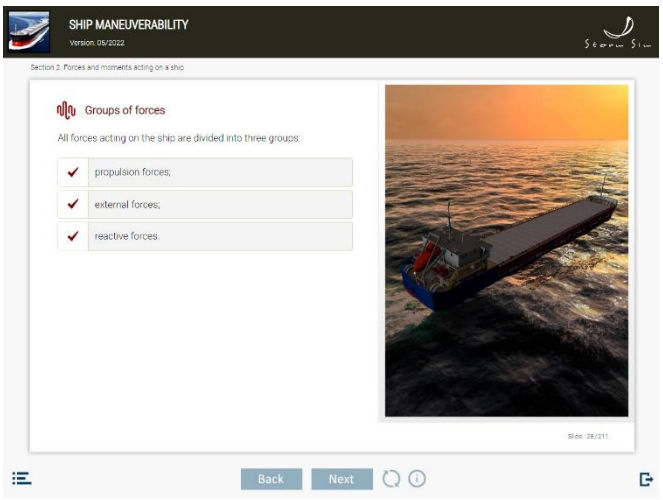

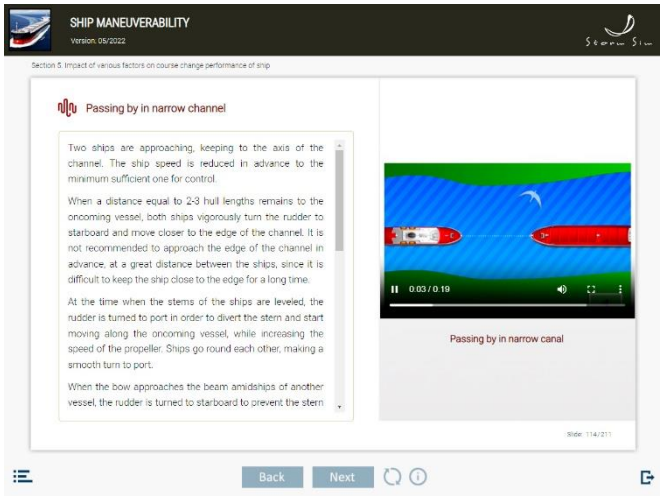

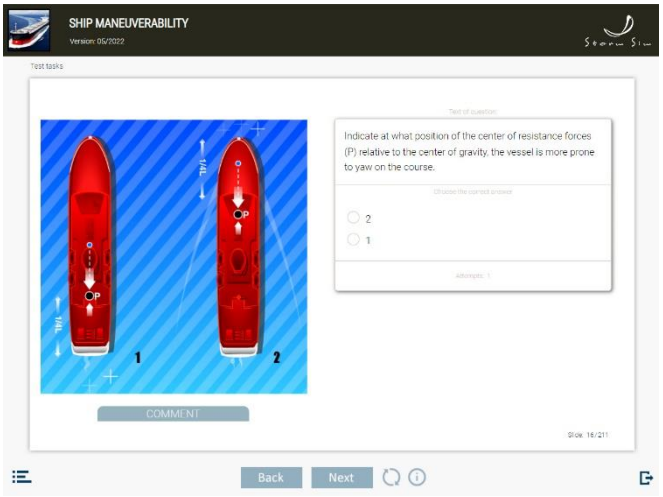

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