E-learning module

STABILITY OF THE SHIP

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 stability of the ship.

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:

- Initial Transverse Stability
- Static stability curve
- Dynamic stability curve
- Stability criteria
- Ensuring longitudinal stability of the ship

Target groups

Deck - Management
Deck - Operational

Ship types

Generic

Regulations

Table A-II/1 STCW Code

Competence:	Maintain seaworthiness of the ship
Knowledge, understanding and proficiency:	*Ship stability* Working knowledge and application of stability, trim stress tables, diagrams and stress calculating equipment.

Table A-II/2 STCW Code

Competence:	Control trim, stability and stress
Knowledge, understanding and proficiency:	Understanding of fundamental principles of ship construction and the theories and factors affecting trim and stability and measures necessary to preserve trim and stability.

Table A-II/3 STCW Code

Competence:	Maintain seaworthiness of the ship
Knowledge, understanding and proficiency:	*Ship stability* Working knowledge and application of stability, trim stress tables, diagrams and stress calculating equipment.

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