SHIPHANDLING IN ICE

Target groups

Deck - Management
Deck - Operational

Ship types

Operating in polar waters

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 ice conditions.

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:

- Navigation Features of Sea Ices
- Classification of Ships and Icebreakers
- Preparing Ship for Ice Navigation in Restricted and Shallow Waters
- Cargo Ship's Independent Navigation in Ice Covered Waters
- Speed of Sailing in Ice Conditions
- Icebreaking Support of Cargo Ships
- Icebreaker Operation when Escorting Ships in Ice
- Control of Cargo Ship Proceeding in Convoy
- Ship Towing by Icebreakers in Ice Covered Waters
- Glossary of English Ice Related Terms

Regulations

Table A-II/2 STCW Code

Competence:	Manoeuvre and handle a ship in all conditions
Knowledge, understanding and proficiency:	Manoeuvring and handle a ship in all conditions, including: .17 practical measures to be taken when navigating in or near ice or in conditions of ice accumulation on board.

Table A-V/4-1 STCW Code

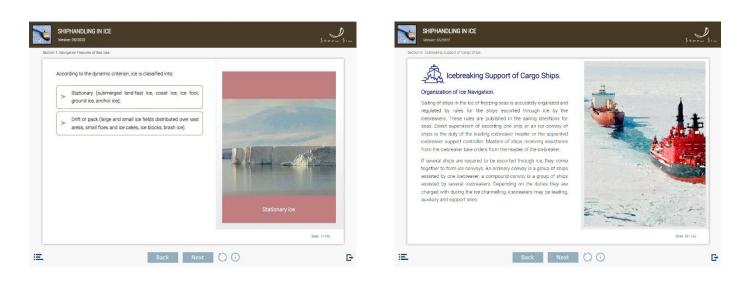|	
Competence:	Contribute to safe operation of vessels operating in polar waters
Knowledge, understanding and proficiency:	Basic knowledge of ice characteristics and areas where different types of ice can be expected in the area of operation…

Table A-V/4-2 STCW Code

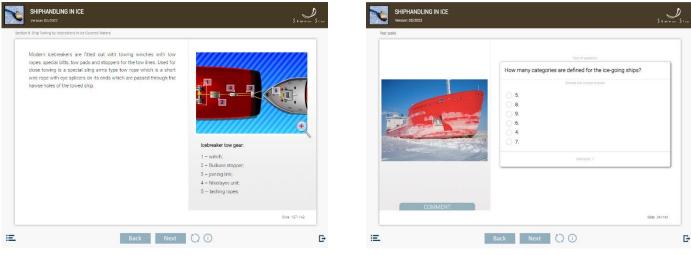|	
Competence:	Manage the safe operation of vessels operating in polar waters
Knowledge, understanding and proficiency:	Knowledge and ability to operate and manoeuvre a vessel in ice…

Web: https://stormsimulators.com/