



## Purpose:

The e-learning module is designed for theoretical training of ratings as able seafarer deck in accordance with Chapter II of the STCW Convention in the part concerning of use of ship fittings, such as access arrangements, doors, etc.

The ELM is included in the "*Able seaman*" 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:

- Portholes
- Skylights
- Ship Doors
- Side shall door and ramps
- Ladders

## Target groups

Deck - Support

## Ship types

Generic



## Regulations

### Table A-II/5 STCW Code

Competence:

Contribute to the safe operation of deck equipment and machinery

Knowledge, understanding  
and proficiency:

Knowledge of deck equipment including:

.3 hatches, watertight doors, ports, and related equipment.

Use and handling of deck and cargo-handling gear and equipment:

.1 access arrangements, hatches and hatch covers, ramps, side/bow/stern doors or elevators




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Section 1. Portholes

### Section 1. Portholes

Ship fittings – a group of certain fittings included in the ship equipment.

Ship fittings include: windows, portholes, skylights, hatch covers and manholes, doors, port shell door ladders, hawses, cleats, fairleads, etc. Most of the ship fittings are standardized.



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Section 4. Side shell door and ramps


### Section 4. Port shall door and ramps

Port shall door are closures of cutouts in the shell plating of the ship for horizontal boarding of passengers, loading cargo and vehicles, made in the form of watertight doors of various designs.

Port shall door:

- Stern door;
- Bow door;
- Side port.

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Section 5. Ladders

### Section 5. Ladders

Ladder is a ship's stairway for connection between compartments or open areas on the decks of the hull, superstructures and deckhouses.

Ladders differ in location on the ship – internal and external ladders, in the width of the service opening – single-flow and double-flow ladders, in the method of attachment – stationary, removable and portable ladders, and in orientation relative to the ship's deck – inclined and vertical ladders.



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Section 5. Ladders

### Pilot ladder

The pilot ladder is used for the pilot and crews getting in and out the vessel in normal situations. The pilot ladder has a spreader which is different from the embarkation ladder. The steps of each ladder are made of hard wood except for the last 4 steps, which are made of rubber.



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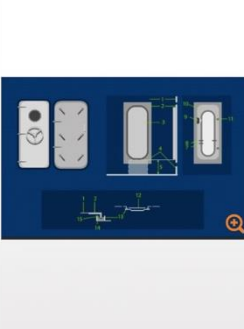
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Section 3. Ship Doors

### Watertight hinged door with wedge dogs and pull rods

1. Watertight bulkhead. Watertight bulkhead plate;
2. Door frame. Assembling frame;
3. Doorway, door opening. Access opening;
4. Door coaming. Door sill;
5. Coaming height;
6. Watertight deck;
7. Spring handle;
8. Door dog. Wedge dog;
9. Door pull rod;
10. Doorplate, door leaf;
11. Door hinge, door butt;
12. Door encasing;
13. Packing box;




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Test: topics



Question text:  
What is the name of the porthole detail shown in the figure under No. 7?

Choose the correct answer

Deadlight bolt bar.

Deadlight.

Glass holder.

Attempt: 1 Miss

COMMENT

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