

Commission Delegated Directive (EU) 2020/12 of 2 August 2019  
supplementing Directive (EU) 2017/2397 of the European Parliament  
and of the Council as regards the standards for competences and  
corresponding knowledge and skills, for the practical examinations, for the  
approval of simulators and for medical fitness (Text with EEA relevance)

- Article 1 The standards for competences and corresponding knowledge and skills referred...
- Article 2 The standards for the practical examinations referred to in Article...
- Article 3 The standards for the approval of simulators referred to in...
- Article 4 The standards for the medical fitness referred to in Article...
- Article 5 (1) Member States shall bring into force the laws, regulations...
- Article 6 This Directive shall enter into force on the twentieth day...
- Article 7 This Directive is addressed to the Member States.
- Signature

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ANNEX I

STANDARDS FOR COMPETENCES AND  
CORRESPONDING KNOWLEDGE AND SKILLS

- I. STANDARDS OF COMPETENCE FOR THE OPERATIONAL LEVEL
1. Navigation
    - 1.1. The boatman shall be able to assist the management of...
  2. Operation of the craft
    - 2.1. The boatman shall be able to assist the management of...
    - 2.2. The boatman shall be able to use the equipment of...
  3. Cargo handling, stowage and passenger transport
    - 3.1. The boatman shall be able to assist the management of...
    - 3.2. The boatman shall be able to assist the management of...
  4. Marine engineering and electrical, electronic and control engineering
    - 4.1. The boatman shall be able to assist the management of...
    - 4.2. The boatman shall be able to perform maintenance work on...
  5. Maintenance and repair
    - 5.1. The boatman shall be able to assist the management of...
  6. Communication
    - 6.1. The boatman shall be able to communicate generally and professionally,...
    - 6.2. The boatman shall be able to be sociable.
  7. Health and safety and environmental protection
    - 7.1. The boatman shall be able to adhere to safe working...
    - 7.2. The boatman shall be able to acknowledge the importance of...
    - 7.3. The boatman shall be able to take precautions to prevent...
    - 7.4. The boatman shall be able to perform duties taking into...
- II. STANDARDS OF COMPETENCE FOR THE MANAGEMENT LEVEL

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- 0. Supervision
  - 0.1. Navigation
  - 0.2. Operation of the craft
  - 0.3. Cargo handling, stowage and passenger transport
  - 0.4. Marine engineering and electrical, electronic and control engineering
  - 0.5. Maintenance and repair
  - 0.6. Communication
  - 0.7. Health and safety and environmental protection
- 1. Navigation
  - 1.1. The boatmaster shall be able to plan a journey and...
  - 1.2. The boatmaster shall be able to apply knowledge of the...
  - 1.3. The boatmaster shall be able to sail and manoeuvre ensuring...
  - 1.4. The boatmaster shall be able to respond to navigational emergencies...
- 2. Operation of the craft
  - 2.1. The boatmaster shall be able to apply knowledge of inland...
  - 2.2. The boatmaster shall be able to control and monitor the...
- 3. Cargo handling, stowage and passenger transport
  - 3.1. The boatmaster shall be able to plan and ensure safe...
  - 3.2. The boatmaster shall be able to plan and ensure the...
  - 3.3. The boatmaster shall be able to plan and ensure safe...
- 4. Marine engineering and electrical, electronic and control engineering
  - 4.1. The boatmaster shall be able to plan the workflow of...
  - 4.2. The boatmaster shall be able to monitor the main engines...
  - 4.3. The boatmaster shall be able to plan and give instructions...
  - 4.4. The boatmaster shall be able to organise the safe use...
  - 4.5. The boatmaster shall be able to control the safe maintenance...
- 5. Maintenance and repair
  - 5.1. The boatmaster shall be able to organise safe maintenance and...
- 6. Communication
  - 6.1. The boatmaster shall be able to perform human resources management,...
  - 6.2. The boatmaster shall be able to ensure good communication at...
  - 6.3. The boatmaster shall be able to foster a well-balanced and...
- 7. Health and safety, passenger rights and environmental protection
  - 7.1. The boatmaster shall be able to monitor the applicable legal...
  - 7.2. The boatmaster shall be able to maintain safety and security...
  - 7.3. The boatmaster shall be able to set up emergency and...
  - 7.4. The boatmaster shall be able to ensure compliance with requirements...
- III. STANDARDS OF COMPETENCE FOR SAILING ON INLAND WATERWAYS WITH A...
  - 1. The boatmaster sailing on inland waterways with a maritime character...
  - 2. The boatmaster sailing on inland waterways with a maritime character...
  - 3. The boatmaster sailing on inland waterways with a maritime character...
- IV. STANDARDS OF COMPETENCE FOR SAILING WITH THE AID OF RADAR...
  - 1. The boatmaster sailing with the aid of radar shall be...
  - 2. The boatmaster sailing with the aid of radar shall be...
  - 3. The boatmaster sailing with the aid of radar shall be...
  - 4. The boatmaster sailing with the aid of radar shall be...
  - 5. The boatmaster sailing with the aid of radar shall be...
- V. STANDARDS OF COMPETENCE FOR PASSENGER NAVIGATION EXPERTS

1. The expert shall be able to organise the use of...
  2. The expert shall be able to apply safety instructions and...
  3. The expert shall be able to communicate in elementary English....
  4. The expert shall be able to meet the relevant requirements...
- VI. STANDARDS OF COMPETENCE FOR LIQUEFIED NATURAL GAS (LNG) EXPERTS
1. The expert shall be able to ensure compliance with legislation...
  2. The expert shall be able to be aware of specific...
  3. The expert shall be able to operate the systems specific...
  4. The expert shall be able to ensure regular checking of...
  5. The expert shall be able to know how to perform...
  6. The expert shall be able to prepare the LNG system...
  7. The expert shall be able to handle emergency situations related...

## ANNEX II

### STANDARD FOR PRACTICAL EXAMINATIONS

- I. STANDARDS FOR THE PRACTICAL EXAMINATION FOR OBTAINING A SPECIFIC AUTHORISATION...
1. Specific competences and assessment situations
  2. Technical requirements for craft used for practical examination
- II. STANDARDS FOR THE PRACTICAL EXAMINATION FOR OBTAINING A CERTIFICATE OF...
1. Specific competences and assessment situations
  2. Technical requirements for craft and shore installation used for practical...
- III. STANDARDS FOR THE PRACTICAL EXAMINATION FOR OBTAINING A CERTIFICATE OF...
1. Specific competences and assessment situations
  2. Technical requirements for craft and shore facilities used for practical...
- IV. STANDARDS FOR PRACTICAL EXAMINATION FOR OBTAINING A CERTIFICATE OF QUALIFICATION...
1. Specific competences and assessment situations
    - Appendix Content of the part of the examination on journey planning...
    - Appendix Content of the part of the examination on journey execution...
  2. Technical requirements for craft used for the practical examination
- V. STANDARDS FOR THE ADDITIONAL MODULE ON SUPERVISION IN THE CONTEXT...
1. Specific competences and assessment situations
  2. Minimum requirements for the craft on which the practical examination...

## ANNEX III

### STANDARDS FOR THE APPROVAL OF SIMULATORS

- I. TECHNICAL AND FUNCTIONAL REQUIREMENTS FOR VESSEL HANDLING AND RADAR SIMULATORS...

- II. STANDARDS FOR THE ADMINISTRATIVE PROCEDURE FOR THE APPROVAL OF VESSEL-HANDLING...
- I. Procedure for the approval of simulators used in examinations referred...
- II. Notification of the approval and quality standards system

#### ANNEX IV

#### STANDARDS FOR MEDICAL FITNESS

#### MEDICAL FITNESS CRITERIA FOR MEDICAL CONDITIONS (GENERAL FITNESS, VISION AND...

##### Introduction

Appendix Relevant vision criteria as meant under diagnostic code H 0059...

##### Minimum eyesight criteria:

1. Daytime visual acuity:
2. Eyesight at dawn and dusk:
3. Field of view:
4. Colour sense for deck crew members with navigational duties:

Appendix Relevant hearing criteria as meant under diagnostic code H 68-95...

##### Minimum hearing criteria

Notes to the table and the Appendices:

\* Recurrence rates:

\*\* Adult asthma:

\*\*\*Mitigation measures and restrictions

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(1) OJ L 345, 27.12.2017, p. 53.