

Translation. Only the Danish document has legal validity.

Order no. 1079 of 17 December 2001 issued by the Danish Maritime Authority

Order on the training of mates for adult professional fishermen and ship's assistants

In pursuance of section 6 of act no. 16 of 13 January 1997 on the maritime training programmes, the following provisions are laid down:

Chapter 1

Purpose and structure of the training programme

Section 1. The purpose of the training programme is to provide adult professional fishermen and ship's assistants having the relevant professional experience with competence as mates on board fishing vessels and merchant vessels.

Section 2. The goal of the training programme is that, after having completed the training programme, the student shall meet the requirements for theoretical education in accordance with regulation II/2 of the STCW-95 Convention and regulation II/2-4 of the STCW-F Convention in order to form part of the crew as:

- 1) a mate on fishing vessels with a length below 45 metres engaged on voyages on all oceans;
- 2) a master of fishing vessels with a length below 45 metres engaged on voyages in short sea shipping; and
- 3) a mate on merchant ships engaged on voyages on all oceans, especially small merchant vessels with a gross tonnage below 3000.

Subsection 2. The training programme shall enable the person in question to take care of tasks as a foreman on board sea-going ship in consideration of the regulations and standards in force as regards conditions of a social, safety-related, environmental and occupational health-related nature.

Section 3. The training programme is a full-time training programme for adults and has an official duration of 1 student year. 1 student year is the work carried out by a full-time student for 1 year and corresponds to 60 points in the European Credit Transfer System (ECTS).

Section 4. Persons complying with the provisions of section 5(2), item 4, shall acquire the right to use the title "mate, fishing vessels".

Subsection 2. Persons complying with the provisions of section 5(2), item 5, shall acquire the right to use the title "mate 3rd class".

Chapter 2

Admission

Section 5. The following training programmes will admit you to the training programme:

- 1) The training programme for professional fishermen with a Blue Certificate or similar qualifications.
- 2) The ship's assistant training programme or similar qualifications.

Subsection 2. Furthermore, applicants shall:

- 1) have at least 2 years' relevant professional experience after having completed the qualifying training programme;
- 2) have general school skills at least corresponding to the Advanced Leaving Examination of the Folkeskole (primary and lower secondary school);
- 3) hold a health certificate for seafarers that is valid for serving as a watchkeeping navigator; and shall either
- 4) meet the service requirement for the certificate of competency as a mate 1st class in fishing vessels; or
- 5) meet the service requirement for the certificate of competency as a mate 3rd class.

Chapter 3 *Contents of the training programme*

Section 6. The training programme contains the following fields and subjects:

A. Ship technical skills (22 ECTS)

- 1) *Meteorology* where the student shall acquire the skills and knowledge of meteorology necessary to function as a watchkeeping navigator in small ships engaged on international voyages and as a master of fishing vessels in short-sea shipping.
- 2) *Navigation* where the student shall have the skills and knowledge necessary to function as a watchkeeping navigator in small sea-going vessels on international voyages and as a master of fishing vessels in short-sea shipping.
- 3) *Watchkeeping duty* where the student shall acquire the skills within the subject watchkeeping duty, including international regulations for preventing collisions at sea, necessary to function independently as a watchkeeping navigator and as a master of a fishing vessel and to function as a watchkeeping officer in the engine space on ships with no engine space crew.
- 4) *Ship technical skills* where the student shall have the skills and knowledge of ship technical subjects necessary to function as a deck officer on small ships on international voyages.

B. Administration (5 ECTS)

- 1) *Maritime law and administration* where the student shall acquire the knowledge of national and international legislation as well as conventions, especially concerning the ship's safety and protection of the marine environment, necessary to meet one's special obligations as a deck officer.
- 2) *Danish* where the student shall acquire the Danish skills necessary to understand and make written guidelines concerning maritime and technical problems. The student shall, furthermore, have knowledge of reports and complaints and be able to use ready printed forms for various reports.

C. Communication (10 ECTS)

- 1) *English* where the student shall have the skills in maritime English necessary for a deck and engineer officer, master and chief engineer officer on small ships on international voyages. This means that the person in question is able to use publications in the English language, to understand messages concerning the ship's safety and navigation and to express himself clearly both orally and in writing when exchanging messages via the ship's communication systems.
- 2) *Communication* where the student shall acquire the theoretical and practical skills, including compliance with regulation IV/2 of the STCW Convention on radiocommunications, necessary to transmit and receive the communication occurring on board small merchant vessels and fishing vessels on international voyages.

D. Safety (11 ECTS)

- 1) *Fire-fighting* where the student shall acquire the practical and theoretical skills necessary to operate and maintain the ship's fire-extinction and smoke-diver equipment in accordance with the guiding manuals provided. Furthermore, the person in question shall be able to function as a fire manager on board a sea-going ship.
- 2) *Safety and environmental protection* where the student shall acquire the practical and theoretical skills necessary to function as a deck officer with the responsibility for safety and environmental issues on a small sea-going ship on international voyages.
- 3) *Medical treatment* where the student shall acquire the skills and knowledge necessary to function as a health caretaker on board ships required to carry medical inventory A.

E. Technical skills (6 ECTS)

- 1) *Maritime software and information and communication technology* where the student shall acquire wide knowledge of the use of information and communication technology, including programmes and equipment for technical and administrative purposes on board ships.
- 2) *Mechanical engineering and maritime technology* which is intended to provide the student with the necessary practical and theoretical skills so that he can operate machinery in ships with a propulsion power below 750 kW properly in terms of safety.

F. Optional subject (6 ECTS)

The student shall choose at least one of the subject groups below:

- 1) Group A, which is a precondition for acquiring a certificate of competence as a mate 3rd class:
 - a) *Cargo handling and stowage* where the student shall acquire the skills and knowledge necessary to be responsible for the cargo handling and stowage on board a small merchant vessel on international voyages.
 - b) *Administration on board merchant vessels* where the student shall acquire a knowledge of the legislation and administrative procedures regarding chartering, ship and wage accounts necessary to function as a mate on such merchant vessels of up to 3000 GT on international voyages.
- 2) Group B, which is a precondition for acquiring a certificate of competency as a mate 1st class on fishing vessels:

- a) *Fundamental fishing* where the student shall acquire elementary knowledge about various types of fishing.
- b) *Administration on fishing vessels* where the student shall acquire a comprehensive idea of and understanding of administrative conditions and fishing legislation of importance to the operation of the ship, especially as regards regulatory and preservation measures.

Subsection 2. The teaching of the school modules shall, furthermore, include training of basic subjects to the extent necessary to provide the student with the skills required for the remaining subjects of the training programme.

Section 7. The Danish Maritime Authority shall, in consultation with the Maritime Education Council, decide on a training plan describing intermediate goals for the various subjects as well as requirements for equipment and teacher qualifications.

Chapter 4 *Examination and evaluation*

Section 8. The final examination shall have the form of an oral hearing carried out as an operative interview controlled by the Danish Maritime Authority.

Subsection 2. The training institution shall be in charge of evaluations and tests in accordance with the training plan, cf. section 7, and register the student for the final examination with the Danish Maritime Authority.

Section 9. As regards examinations and evaluations, including the criteria for having passed them, the general provisions on the maritime training programmes shall apply.

Section 10. The training institution shall issue the examination certificate when the entire training programme has been completed and the final examination has been passed.

Chapter 5 *Approval and quality control*

Section 11. The training institution shall have been approved for offering the training programme by the Danish Maritime Authority.

Subsection 2. The training institution's planning, implementation, control and evaluation shall be in accordance with the general provisions of the Danish Maritime Authority on the approval, quality control, inspection and documentation of the maritime training programmes.

Chapter 6 *Entry into force*

Section 12. This Order shall enter into force on 1 January 2002.

Danish Maritime Authority / 17 December 2001
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