

Executive Order on qualification requirements for seafarers and fishermen and on certificates of competency

Executive Order no. 473 of 29 May 2006

Executive Order on qualification requirements for seafarers and fishermen and on certificates of competency

The following shall be laid down pursuant to sections 18, 19, 20 and 27 of Act no. 15 of 13 January 1997 on Manning of Ships (*lov om skibes besætning*), as most recently amended by section 2 of Act no. 902 of 16 December 1998 and Act no. 1261 of 20 December 2000:

Definitions and endorsements

1.-(1) For the purposes of this Executive Order the following words and expressions shall apply:

- 1) STCW (the STCW Convention – International Convention on Standards of Training, Certification and Watchkeeping for Seafarers) refers to the international STCW Convention to the extent that it applies to the areas in question, taking into account the transitional provisions in article VII and regulation I/15 of the Convention and including, where relevant, the applicable provisions of the current STCW Code.
- 2) The length of fishing vessels shall be defined as the overall length, cf. Council Regulation (EEC) no. 2930 of 22 September 1986 defining characteristics for fishing vessels, as amended by Regulation (EC) no. 3259/94. This length is defined as 96 per cent of the total length on a waterline at 85 per cent of the least moulded depth measured from the keel line, or the length from the foreside of the stem to the axis of the rudder stock on that waterline, if that be greater, provided that in vessels designed with rake of keel the waterline on which this length is measured shall be parallel to the designed waterline.

(2) Certificates of competency and qualification certificates shall be endorsed with regulations and restrictions, cf. the STCW Convention, and/or titles as listed in annex 1. Certificates shall also be endorsed with the name of the person and his/her civil registration number (Cpr no.).

Part 1

Merchant ships

Deck, engine and unitary crew

2.-(1) Persons who serve as deck, engine and unitary crew shall fulfil the following conditions, cf. however, subsection (2):

Translation: Only the Danish document has legal validity.

- 1) An ordinary seaman, ordinary motor-man or ordinary ship's assistant shall have completed the basic training module for ship's assistants or completed the basic training course for commercial fishing.
- 2) A seaman (advanced level), a motor-man (advanced level) or a ship's assistant (advanced level) shall
 - a) have completed service as ordinary seaman, ordinary motor-man or ordinary ship's assistant respectively for 18 months and have completed the final module for ship's assistants, or
 - b) have obtained a certificate of completion of apprenticeship or certificate in a trade approved by the Danish Maritime Authority or an approved sector within the iron and metal area, cf. the list in annex 2 of this Executive Order, and have completed the ship's assistant training course for candidates with a certificate of completion of apprenticeship.
- 3) A ship's assistant (advanced level) may, instead of fulfilling the provisions of no. 2:
 - a) fulfil the conditions for signing on as seaman (advanced level) or motor-man (advanced level) and thereafter acquire a duration of seagoing service as such of no less than 12 months, and
 - b) have completed a training course approved by the Danish Maritime Authority for seamen (advanced level) or motor-men (advanced level) to qualify as ship's assistant (advanced level), and during this have acquired six-months' duration of seagoing service with training record book as part of this training.

(2) In ships registered in the Danish International Register of Shipping, the Danish Maritime Authority may allow that candidates who document that they have completed an approved basic training course, who fulfil the requirements of regulation VI/1 of the STCW regulations and section A-VI/1, paragraph 2 of the STCW Code on basic training may serve as deck, engine or unitary crew, provided they meet the following conditions:

- 1) an ordinary seaman, ordinary motor-man or ordinary ship's assistant shall have carried out deck service, engine service or deck and engine service as member of a unitary crew in seagoing ships for 12 months,
- 2) a seaman (advanced level) or a motor-man (advanced level) shall have carried out deck service or engine service on seagoing ships for 36 months, and
- 3) a ship's assistant (advanced level) shall have carried out deck and engine service as member of a unitary crew on seagoing ships for 36 months.

(3) The documentation stated in subsection (2) regarding regulation VI/1 of the STCW regulations and section A-VI/1, paragraph 2 of the STCW Code shall be issued by a state approved to do this by the Danish Maritime Authority.

(4) A seafarer who, before 1 February 2002, has lawfully acquired duration of seagoing service on Danish ships as seaman (advanced level), a motor man (advanced level), or a ship's assistant (advanced level) shall be regarded as having completed the basic training required in subsection (1).

Training requirements for personnel on tankers

3.-(1) Officers and ship's crew (advanced level) on tankers shall have completed a fire-fighting course and familiarization course on tankers approved by the Danish Maritime Authority (regulation V/1, paragraph 1 of the STCW regulations and section A-V/1 of the STCW Code on

Throughout the translation the term "shipowner" is used to denote the Danish term "reder" for which there is no directly equivalent English term. The "reder" is the entity that operates the ship for its own account, typically the owner or demise charterer of the ship. Time and voyage charterers are not considered "reder".

Tanker Familiarization Course) as well as have acquired a tanker certificate completed by the Danish Maritime Authority which documents that these requirements have been met.

(2) The provision in subsection (1) shall also be followed by any other person who, in connection with loading and cargo handling equipment on tankers, has specific duties and specific responsibilities linked to these duties.

(3) On oil, chemical and gas tankers, masters, chief mates, chief engineer officers, 1st engineer officers and dual senior officers, in addition to fulfilling the requirements of subsection (1), shall be in possession of a tanker certificate at management level (regulation V/1, paragraph 2 of the STCW regulations) for the type of tanker on which they are serving.

(4) Acquisition of the tanker certificate mentioned in subsection (3) shall require that the candidate

- 1) has a valid certificate of competency which entitles the candidate to serve as dual ship's officer, navigator or engineer officer,
- 2) has performed service for three months as an officer on the type of tanker for which the certificate is valid as service on chemical tankers can be included as service on oil tankers, and
- 3) within the last five years has completed a special course, approved by the Danish Maritime Authority for the type of tanker for which the certificate is valid.

(5) The tanker certificate mentioned in subsection (3) shall also be in the possession of any other person who, during service on the tanker, has immediate responsibility for loading, discharging and care of cargo during the voyage or for work with the cargo.

(6) The Danish Maritime Authority may permit ship's crew (advanced level) on ships registered in the Danish International Register of Shipping to have acquired foreign certificates prepared pursuant to the provisions of regulation V/1, paragraph 1 of the STCW regulations instead of the tanker certificate dealt with in subsection (1).

(7) Certificates of competency for dual ship's officers, navigation and engineering officers shall contain the tanker certificate dealt with in subsection (1).

Watchkeeping certificates

4.-(1) In order to acquire a watchkeeping certificate a candidate shall:

- 1) be in possession of a health certificate for seafarers and fishermen which is valid for the service authorised by the watchkeeping certificate, and this shall include fitness for look out,
- 2) be no less than 16 years of age,
- 3) have completed the basic training module for ship's assistants or a training course for ship's assistants for candidates with a certificate of completed apprenticeship, and
- 4) have completed no less than two months' bridge watchkeeping service under supervision of the master or the officer in charge of the watch, and during this has received instruction in all the duties related to bridge watchkeeping.

(2) For students on the training programme for ship's officers, the Danish Maritime Authority shall stipulate the training elements to be completed prior to issuance of a watchkeeping certificate.

(3) Certificates with an endorsement that the holder may only take part in the bridge watch under supervision of the master or the officer in charge of the watch shall be issued to candidates who fulfil the conditions laid down in subsection (1), except for the bridge watchkeeping service required in subsection (1), no. 4.

Certificates of competency for navigators

5. In addition to the special requirements for acquisition of certificates of competency stated under the individual certificates, the candidate shall

- 1) be in possession of a health certificate for seafarers and fishermen which is valid for the duties authorised by the certificate of competency and this shall include fitness for look out,
- 2) has a valid certificate as radio operator in GMDSS (Restricted Operator's Certificate),
- 3) has legal capacity and is not under guardianship pursuant to section 5 of the Legal Guardianship Act (*Værgemålsloven*) or under guardianship pursuant to section 7 of the same Act, and
- 4) if nothing else is mentioned, has acquired the required duration of seagoing service on seagoing merchant ships with a gross tonnage of 20 or more.

6.-(1) In order to acquire a certificate of competency in sailing merchant vessels, the candidate shall:

- 1) have a valid watchkeeping certificate,
- 2) have passed the competency test in navigation of merchant ships, and
- 3)
 - a) have completed the basic training module for ship's assistants or a training course for ship's assistants for candidates with a certificate of completion of apprenticeship and thereafter acquired three months' duration of seagoing service as ship's assistant, or
 - b) have acquired and total duration of seagoing service of 36 months on deck service.

(2) Candidates with a valid certificate of competency as second hand on fishing vessels may acquire a certificate of competency in sailing merchant vessels when the candidate

- 1) has passed the competency test in navigation of merchant ships
- 2) has acquired one month's duration of seagoing service as supernumerary ship's mate on seagoing merchant ships, and
- 3) has a total duration of seagoing service on fishing vessels with a length of 15 metres or more and on seagoing merchant ships of a total of 12 months.

7.-(1) In order to acquire a certificate of competency as second hand, the candidate shall

- 1) have acquired a certificate of competency in sailing merchant vessels, and
- 2) have acquired 18 months' duration of seagoing service on deck service.

(2) Candidates with a valid certificate of competency as second hand on fishing vessels may acquire a certificate of competency as second hand on merchant ships when the candidate

- 1) has passed the competence test in navigation of merchant ships,
- 2) has acquired one month's duration of seagoing service as supernumerary ship's mate on seagoing merchant ships, and
- 3) has a total duration of seagoing service on fishing vessels with a length of 15 metres or more and on seagoing merchant ships of a total of 18 months.

8.-(1) In order to acquire a certificate as mate 2nd class, 3rd class or 4th class, the candidate shall

- 1)
 - a) have completed the basic training module for ship's assistants and after this acquired 12 months' duration of seagoing service as candidate for certification as mate under a training programme approved by the Danish Maritime Authority,
 - b) have completed the basic training module for ship's assistants, have acquired 18 months' duration of seagoing service and document that he is qualified for bridge watchkeeping duties,
 - c) have acquired 15 months' duration of seagoing service, have completed the final training module for ship's assistants and document that he is qualified for bridge watchkeeping duties,
 - d) fulfil the conditions for signing on as ship's assistant (advanced level), have a duration of seagoing service of 12 months as ship's assistant and document that he is qualified for bridge watchkeeping duties, or
 - e) have completed the period of practice on board ship as student on a programme approved by the Danish Maritime Authority for qualification as dual ship's officer or navigator, and
- 2)
 - a) either document in a training record book approved by the Danish Maritime Authority that the training programme under the duration of seagoing service dealt with under no. 1 was completed with a satisfactory result, or
 - b) have acquired a total duration of seagoing service of 36 months on deck service, and
- 3) have passed
 - a) the master (home trade) exam with issue of a certificate as mate, 4th class,
 - b) the master (restricted) exam, the exam for DP3000 Ship's officer, the junior officer exam as dual ship's officer or navigator, or have completed the training programme as mate for adult ship's assistants and commercial fishermen with the issue of a certificate as master, 3rd class, or
 - c) the master exam or the senior officer exam as captain or master with the issue of a certificate as master, 2nd class.

(2) Candidates who fulfil the conditions in subsection (1), no. 1 and no. 3a) may acquire a certificate as master, 4th class notwithstanding that the training programme on board is not documented in a training record book.

(3) In order to acquire a certificate as master, 2nd and 3rd class, 12 months of the duration of seagoing service described in subsection (1) shall be acquired on ships with a gross tonnage of 500 or more, of which six months shall be on ships outside near-coastal trade.

(4) Candidates with a valid certificate of competency as mechanist, 2nd class or higher may, instead of fulfilling the requirements for duration of seagoing service in subsection (1), no. 1 either

- 1)
 - a) have acquired six months' duration of seagoing service as candidate for certification as mate or ship's assistant on seagoing merchant ships outside near-coastal trade with a gross tonnage of 500 or more in that training on board as navigator shall be documented in a training record book, or
 - b) during service as engineer officer have completed a period of practice on board ship approved by the Danish Maritime Authority for training as navigator of no less than 12 months' duration on seagoing merchant ships with a gross tonnage of 500 or more, of which six months shall be acquired on ships outside near-coastal trade, or
- 2) in order to acquire a certificate of competency as master, 4th class
 - a) have acquired six months' duration of seagoing service as candidate for certification as mate or ship's assistant on seagoing merchant ships, in that training on board as navigator shall be documented in a training record book, or
 - b) during service as an engineer officer have completed a period of practice on board ship approved by the Danish Maritime Authority for training as navigator of no less than 12 months' duration on seagoing merchant ships.

(5) Candidates who fulfil the requirements on the exam of subsection (1), no. 3b), and who fulfil the requirement of subsection (3) and subsection (4), no. 1, except for the requirement for duration of seagoing service outside near-coastal trade, may acquire a certificate as mate, 3rd class with an endorsement that the certificate only entitles the holder to serve on ships in near-coastal trade.

(6) Candidates with a valid certificate of competency as mate, 3rd class on fishing vessels or higher, who have no less than six months' duration of seagoing service on fishing vessels of more than 15 metres in length may acquire a certificate of competency as mate, 4th class when the candidate in question has passed the master (home trade) exam, and

- 1) has acquired 12 months' duration of seagoing service as an ordinary ship's assistant on seagoing merchant ships, or
- 2) for candidates who have a minimum of 12 months' duration of seagoing service as navigator on fishing vessels with a length of less than 24 metres, when the candidate in question has acquired six months' duration of seagoing service as supernumerary mate with a training record book on seagoing merchant ships, or
- 3) for candidates who have a minimum of 12 months' duration of seagoing service as navigator on fishing vessels with a length of 24 metres or more or with a gross tonnage of 150 or more, when the candidate in question
 - a) has acquired six months' duration of seagoing service as an ordinary ship's assistant on seagoing merchant ships, or
 - b) has acquired three months' duration of seagoing service as supernumerary mate with a training record book on seagoing merchant ships.

(7) Candidates with a valid certificate of competency as mate, 1st class on fishing vessels or higher, who have no less than six months' duration of seagoing service on fishing vessels more than 15 metres in length may acquire a certificate of competency as mate, 3rd class or higher certificate as navigator, when the candidate in question fulfils the requirement for the exam in section 8(1), no. 3, and

- 1) has acquired 12 months' duration of seagoing service as ship's assistant on seagoing merchant ships with a gross tonnage of 500 or more, of which six months shall be acquired outside near-coastal trade, or
- 2) for candidates who have a minimum of 12 months' duration of seagoing service as navigator on fishing vessels with a length of less than 24 metres, when the candidate in question has acquired six months' duration of seagoing service as supernumerary mate with a training record book on seagoing merchant ships with a gross tonnage of 500 or more outside near-coastal trade, or
- 3) for candidates who have a minimum of 12 months' duration of seagoing service as navigator on fishing vessels with a length of 24 metres or more or with a gross tonnage of 150 or more, when the candidate in question
 - a) has acquired six months' duration of seagoing service as ship's assistant with a training record book on seagoing merchant ships with a gross tonnage of 500 or more outside near-coastal trade, or
 - b) has acquired three months' duration of seagoing service as supernumerary mate with a training record book on seagoing merchant ships with a gross tonnage of 500 or more outside near-coastal trade.

9. In order to acquire a certificate of competency as master (home trade), the candidate shall

- 1) have a valid certificate of competency as ship's mate, 4th class,
- 2) be a Danish citizen,
- 3) be no less than 20 years old, and
- 4) have acquired 12 months' duration of seagoing service under conditions in which a certificate of competency as second hand or a ship's mate, 4th class is required.

10. In order to acquire a certificate of competency as master (restricted), the candidate shall

- 1) have passed the master (restricted) exam or the exam for DP3000 Officer,
- 2) have a valid certificate of competency as ship's mate, 3rd class,
- 3) be a Danish citizen, and
- 4) have acquired duration of seagoing service under conditions in which a certificate of competency as ship's mate, 3rd class is required.
 - a) of 24 months, of which 12 months shall be as senior or sole ship's mate, or
 - b) of 36 months as ship's mate.

11. In order to acquire a certificate of competency as ship's mate, 1st class, the candidate shall

- 1) have passed the master exam or senior officer exam as captain or master,
- 2) have a valid certificate of competency as ship's mate, 2nd class, and
- 3) have acquired 12 months' duration of seagoing service under conditions in which a certificate of competency as ship's mate, 2nd or 3rd class is required.

12. In order to acquire a certificate of competency as master, the candidate shall

- 1) have a valid certificate of competency as ship's mate 1st or 2nd class,
- 2) be a Danish citizen, and
- 3) have acquired duration of seagoing service on ships with a gross tonnage of 500 or more under conditions in which a certificate as ship's mate, 2nd or 3rd class is required
 - a) of 24 months, of which 12 months shall be as senior or sole ship's mate, or
 - b) of 36 months as ship's mate.

13. For the duration of seagoing service required in section 6(1), no. 3b) and sections 7 and 8, deck service on seagoing ships with a gross tonnage of 20 or more registered as fishing vessels or as ships belonging to the Royal Danish Navy may be included. However, no less than 12 months of the duration of seagoing service mentioned in section 7(1) and section 8(1) shall be acquired on seagoing merchant ships, unless otherwise provided in provisions elsewhere.

Certificates of competency for engineer officers

14. In addition to the special requirements for acquisition of a certificate of competency stated under the individual certificates, the candidate shall

- 1) be in possession of a health certificate for seafarers and fishermen which is valid for the duties authorised by the certificate of competency,
- 2) has legal capacity and is not under guardianship pursuant to section 5 of the Legal Guardianship Act (*Værgemålsloven*) or under guardianship pursuant to section 7 of the same Act, and
- 3) if nothing else is mentioned, has acquired the required duration of seagoing service and engine service on seagoing merchant ships or fishing vessels with a propulsion power of 750 kW or more.

15. In order to acquire a certificate of proficiency in motor operation, the candidate shall

- 1) have passed the proficiency test in motor operation, and
- 2) have acquired duration of seagoing service on seagoing ships of six months.

16.-(1) In order to acquire a certificate of competency as engineer officer in charge of the watch, the candidate shall either

- 1)
 - a) have passed the mechanist exam or the engineer officer exam, and
 - b) have done engine service for six months and document in a training record book approved by the Danish Maritime Authority that the training programme for engineer officer under this service has been completed with a satisfactory result, or
- 2)
 - a) have passed the junior officer exam for dual ship's officer or engineer officer, and
 - b) have completed the period of practice on board ship as student on a training programme approved by the Danish Maritime Authority to qualify as dual ship's officer or engineer officer.

(2) Candidates with a valid certificate of competency as ship's mate, 2nd class or higher may, instead of fulfilling the requirements for duration of seagoing service of subsection (1), acquire a certificate of competency as engineer officer in charge of the watch either by

- 1)
 - a) having acquired six months' duration of seagoing service as an engineer officer candidate, in that the training on board for engineer officer shall be documented in a training record book, or
 - b) during service as navigator having completed a period of practice on board ship for a training programme for engineer officer approved by the Danish Maritime Authority of no less than 12 months' duration.

17.-(1) In order to acquire a certificate of competency as mechanist, 2nd class, the candidate shall either

- 1)
 - a) have passed the mechanist exam,
 - b) have done engine service for 12 months, and
 - c) document in a training record book approved by the Danish Maritime Authority that the training during this service has been completed with a satisfactory result, or
- 2) have a valid certificate of competency as engineer officer in charge of the watch and have done engine service for 12 months, or
- 3)
 - a) have passed the exam for DP3000 Officer,
 - b) have acquired 18 months' duration of seagoing service as ship's assistant, of which no less than six months of engine service or of combined deck and engine service and no less than ten months on ships with a propulsion power of 750 kW or more, on which the minimum safe manning document stipulates at least one engineer officer, and
 - c) document in a training record book approved by the Danish Maritime Authority that the training for engineer officer during this duration of seagoing service has been completed with a satisfactory result.

(2) Candidates with a valid certificate of competency as ship's mate, 3rd class or higher may, instead of fulfilling the requirements for duration of seagoing service of subsection (1), acquire a certificate of competency as mechanist 2nd class either by

- 1)
 - a) having acquired six months' duration of seagoing service as ship's assistant, in that the training on board for engineer officer shall be documented in a training record book, or
 - b) during service as navigator having completed a period of practice on board ship for a training programme for engineer officer approved by the Danish Maritime Authority of no less than 12 months' duration.

18. In order to acquire a certificate of competency as ship's engineer officer, 2nd class, the candidate shall

- 1) have passed the engineer officer exam, senior officer exam for captain or chief engineer officer, and
- 2)
 - a) either have acquired duration of seagoing service of 12 months under training as engineer officer and document in a training record book that the training under this service has been completed with a satisfactory result, or
 - b) have a valid certificate of competency as engineer officer in charge of the watch and six months' duration of seagoing service under conditions in which a certificate of competency as engineer officer in charge of the watch is required, or
 - c) have completed the period of practice on board ship as student on a training programme approved by the Danish Maritime Authority to qualify as dual ship's officer or engineer officer.

19. In order to acquire a certificate of competency as mechanist, 1st class, the candidate shall

- 1) have a valid certificate of competency as mechanist, 2nd class and
- 2)
 - a) have done engine service for 24 months, of which 12 months are under conditions in which a certificate of competency as mechanist, 2nd class is required, or
 - b) have acquired duration of seagoing service on ships of 36 months under conditions in which a certificate of competency as engineer officer is required.

20. In order to acquire a certificate of competency as ship's engineer officer, 1st class, the candidate shall

- 1)
 - a) have a valid certificate of competency as ship's engineer officer, 2nd class, and
 - b) have done engine service for 24 months, of which 12 months are under conditions in which a certificate of competency as ship's engineer officer, 2nd class is required, or
- 2)
 - a) have passed the senior officer exam for a captain or chief engineer officer,
 - b) have a certificate of competency as engineer officer in charge of the watch, and
 - c) have acquired duration of seagoing service on ships of 12 months under conditions in which a certificate of competency as dual junior officer is required.

21. In order to acquire a certificate of competency as ship's chief engineer officer, the candidate shall

- 1) have acquired a certificate of competency as ship's engineer officer, 1st class and afterwards
- 2) have acquired duration of seagoing service of 12 months as 1st engineer officer under conditions in which a certificate of competency as ship's engineer officer, 1st or 2nd class is required.

22. The certificates of competency dealt with in sections 15-21 shall entitle the holder to serve on motor vessels. Certificates issued on the basis of the engineer officer exam or the senior officer exam for captain or chief engineer officer may be endorsed that they also entitle the holder to serve on steamships, provided the candidate in question has done engine service of no less than three months on steamships.

Certificates of competency for dual ship's officers

23. A certificate of competency as dual ship's officer shall be issued to candidates who fulfil the conditions for acquisition of a certificate of competency as navigator, cf. sections 5-13, and as engineer officer, cf. sections 14-22. The certificate as dual ship's officer shall be issued instead of certificates of competency as navigator and engineer officer and shall be endorsed with competency rights possessed by the relevant candidates, cf. sections 5-13 and sections 14-22.

Recognition of training and duration of seagoing service from the Royal Danish Navy for service on merchant ships

24. Training and duration of seagoing service from the Royal Danish Navy may form the basis for certificates of competency for service on merchant ships provided,

- 1) the training on board is documented in a training record book approved by the Danish Maritime Authority, and
- 2) the training has solely taken place on units which are deemed as appropriate to fulfil the goals stated in the training record book.

25.-(1) Candidates who have completed training and passed an exam in the Royal Danish Navy as navigator, which is equivalent to the master exam or the master (restricted) exam, may acquire a certificate of competency as ship's mate, 2nd or 3rd class, respectively once they have acquired duration of seagoing service on seagoing merchant ships with a gross tonnage of 500 or more outside near-coastal trade

- 1) for six months in deck service, or
- 2) for three months as supernumerary ship's mate with a training record book.

(2) Candidates who have completed training and passed an exam in the Royal Danish Navy as navigator, which is equivalent to the master (home trade) exam, may acquire a certificate of competency as ship's mate, 4th class once they

- 1) have acquired 12 months' duration of seagoing service in deck service on seagoing merchant ships, or
- 2) have acquired six months' duration of seagoing service on seagoing merchant ships and six months' duration of seagoing service on Royal Danish Navy ships and document in a training record book that training under the latter service has been completed with a satisfactory result.

(3) Candidates who have completed training and passed an exam in the Royal Danish Navy as an engineer officer, which is equivalent to the mechanist or engineer officer exam, may acquire a certificate of competency as engineer officer in charge of the watch.

(4) Candidates who have completed training and passed an exam in the Royal Danish Navy as an engineer officer, which is equivalent to the mechanist exam or the engineer officer exam, may acquire a certificate of competency as mechanist, 2nd class or a ship's engineer officer, 2nd class once they have acquired three months' duration of seagoing service on seagoing merchant ships where a certificate of competency as engineer officer in charge of the watch is required.

Certificate as ship's cook

26. In order to acquire a certificate of competency as ship's cook, the candidate shall

- 1) be in possession of a health certificate for seafarers and fishermen which is valid for service as ship's cook,
- 2) have a certificate of completion of apprenticeship within the cooking profession, and
- 3)
 - a) have completed training for ship's cook, or
 - b) have acquired 12 months' duration of seagoing service in galley service on seagoing ships.

Certificate of proficiency in operating live-saving equipment

27.-(1) In order to acquire a certificate of proficiency in survival craft and rescue boats, except for fast rescue boats, cf. STCW regulation VI/2, paragraph 1, the candidate shall

- 1) be in possession of a health certificate for seafarers and fishermen which is valid for the duties for which the certificate of proficiency is to permit,
- 2) be no less than 18 years of age,
- 3) within the last five years before the issue of the certificate have completed a training course approved by the Danish Maritime Authority on operating survival craft and rescue boats, except for fast rescue boats, and
- 4) have acquired six months' duration of seagoing service on seagoing merchant ships with a gross tonnage of 20 or more.

(2) In order to acquire a certificate of proficiency in operating fast rescue boats (FRB certificate), cf. STCW regulation VI/2, paragraph 2, the candidate shall

- 1) be in possession of a health certificate for seafarers and fishermen which is valid for the duties for which the certificate of proficiency is to permit,
- 2) be in possession of a certificate of proficiency in operating survival craft and rescue boats, cf. STCW regulation VI/2, and
- 3) within the last five years before the issue of the certificate have completed a training course approved by the Danish Maritime Authority on operating fast rescue boats.

Part 2

Fishing vessels

General conditions

28.-(1) No candidate may carry out work on board fishing vessels, notwithstanding the length of the vessel, without having a certificate for having completed the commercial fishing safety course or having completed the basic training module for ship's assistants, cf. however, subsection (2).

(2) Candidates may carry out work on fishing vessels, notwithstanding that the provision of subsection (1) has not been fulfilled, provided they document

- 1) no less than two years' employment in fishing within the last five years prior to 1 September 1996, or
- 2) no less than two years' employment in fishing prior to 1 September 1991 and having completed a safety at sea course approved by the Danish Maritime Authority for experienced fishermen and having acquired a certificate for this.

(3) Candidates who exclusively perform repair and maintenance work on board or who exclusively work on board while the ship is in port shall be exempt from the provision of subsection (1).

Certificates of competency for skippers of fishing vessels with a length of less than 15 metres and a scantling number of less than 100

29.-(1) The provisions of sections 30 and 31 shall apply for fishing vessels with a length of less than 15 metres.

(2) The Danish Maritime Authority shall stipulate the complement for fishing vessels with a length of less than 15 metres and a scantling number of less than 100 outside trade in limited waters and in doing so may increase the qualifications requirements of sections 30 and 31.

30.-(1) In order to acquire a certificate as skipper of fishing vessels with a length of less than nine metres, the candidate shall

- 1) have completed the basic training course for commercial fishing and have acquired a certificate for this (Blue Certificate), or
- 2)
 - a) have acquired 12 months' duration of seagoing service in seagoing fishing vessels, and
 - b) have completed a training course approved by the Danish Maritime Authority which deals with navigation, the international Regulations for Preventing Collisions at Sea, and seamanship, including the stability of small fishing vessels, and have acquired a certificate for this, and
- 3) be in possession of a health certificate for seafarers and fishermen which is valid for the duties as skipper of fishing vessels with a length of less than 9 metres, and this shall include fitness for look out.

(2) On fishing vessels with a length of less than nine metres, in addition to the provisions of section 30, the skipper shall fulfil the provisions of section 28(1) or (2).

31.-(1) In order to acquire a certificate as skipper of fishing vessels with a length of nine metres or more, the candidate shall

- 1) have completed the basic training course for commercial fishing and have acquired a certificate for this (Blue Certificate), and
- 2) be in possession of

- a) a valid certificate as second hand on fishing vessels,
- b) a certificate of proficiency in motor operation, and
- c) a valid certificate as radio operator in GMDSS (Restricted Operator's Certificate).

(2) On fishing vessels with a length of nine metres or more, in addition to fulfilling the provisions of section 31, the skipper shall fulfil the provisions of section 28(1) or (2).

32. Candidates who document no less than 12 months' employment on fishing vessels within the last five years prior to 1 February 2000 may perform duties as master on fishing vessels with a length of less than 15 metres and a scantling number of less than 100, notwithstanding that the provisions of sections 30 and 31 have not been fulfilled.

Certificates of competency for navigators on fishing vessels of 15 metres or more in length or with a scantling number of 100 or more

33. In addition to the special requirements for acquisition of a certificate of competency stated under the individual certificates, the candidate shall

- 1) have acquired the required duration of seagoing service as fisherman in seagoing fishing vessels
 - a) with a length of nine metres or more in order to acquire a certificate as second hand on fishing vessels, and
 - b) with a length of 12 metres or more for other certificates,
- 2) be in possession of a health certificate for seafarers and fishermen which is valid for the duties authorised by the certificate of competency, and this shall include fitness for look out, and
- 3) have legal capacity and not be under guardianship pursuant to section 5 of the Legal Guardianship Act (*Værgemålsloven*) or under guardianship pursuant to section 7 of the same Act.

34. In order to acquire a certificate of competency as second hand on fishing vessels the candidate shall

- 1) have passed the competence test in navigation of fishing vessels and
- 2)
 - a) have completed the basic training course for commercial fishing and thereafter have acquired three months' duration of seagoing service on fishing vessels, or
 - b) have acquired 12 months' duration of seagoing service on fishing vessels.

35. In order to acquire a certificate of competency as ship's mate, 3rd class on fishing vessels the candidate shall

- 1) have passed the fishing skipper exam, 3rd class or have completed the training course for ship's mate for adult ship's assistants and commercial fishermen,
- 2) be in possession of a valid certificate as radio operator in GMDSS (Restricted Operator's Certificate), and
- 3)
 - a) have completed the basic training course for commercial fishing and during this acquired 12 months' duration of seagoing service, or

b) have acquired 24 months' duration of seagoing service.

36. In order to acquire a certificate of competency as ship's mate, 1st class on fishing vessels, the candidate shall

- 1) have passed the fishing skipper exam, 1st class,
- 2) be in possession of a valid certificate as radio operator in GMDSS (Restricted Operator's Certificate), and
- 3)
 - a) have completed the basic training course for commercial fishing and during this acquired 12 months' duration of seagoing service, or
 - b) have acquired 24 months' duration of seagoing service.

37. In order to acquire a certificate of competency as fishing skipper, 3rd class, the candidate shall

- 1) have a valid certificate of competency as ship's mate, 3rd class on fishing vessels,
- 2) be in possession of a valid certificate as radio operator in GMDSS (Restricted Operator's Certificate),
- 3) be a Danish citizen, and
- 4) have acquired 12 months' duration of seagoing service under conditions in which a certificate as second hand or a ship's mate, 3rd class on fishing vessels is required.

38. In order to acquire a certificate of competency as fishing skipper, 1st class, the candidate shall

- 1) have a valid certificate of competency as ship's mate, 1st class on fishing vessels,
- 2) be in possession of a valid certificate as radio operator in GMDSS (Restricted Operator's Certificate),
- 3) be a Danish citizen, and
- 4) have acquired 12 months' duration of seagoing service under conditions in which a certificate of competency as ship's mate, 1st or 3rd class on fishing vessels is required, or a certificate of competency as fishing skipper, 3rd class is required.

39. In the duration of seagoing service prescribed in sections 34-36, deck service on seagoing ships registered as merchant ships or as ships belonging to the Royal Danish Navy may be included. Six months of the duration of seagoing service for second hands who have not completed the basic training course for commercial fishing, and 12 months of the duration of seagoing service for ship's mates, 1st or 3rd class shall, however, be acquired on fishing vessels.

Certificates of competency for engineer officers on fishing vessels

40. The same regulations as those laid down for merchant ships shall apply for certificates of competency for engineer officers on fishing vessels.

Part 3

Certificates of competency for radio operators on merchant ships and fishing vessels

41. In addition to the special requirements for acquisition of certificates stated under the individual certificates, the candidate shall

- 1)
 - a) have a valid certificate of competency in sailing merchant vessels or a valid certificate of competency as ship's mate, 4th class, second hand, 3rd class on fishing vessels or higher certificate as navigator on merchant ships or fishing vessels, or
 - b) have completed a safety training course approved by the Danish Maritime Authority which fulfils the requirements of section A-IV/2 of the STCW Code,
- 2) be in possession of a health certificate for seafarers and fishermen which is valid for the duties authorised by the certificate of competency, and
- 3) have legal capacity and not be under guardianship pursuant to section 5 of the Legal Guardianship Act (*Værgemålsloven*) or under guardianship pursuant to section 7 of the same Act.

42.-(1) In order to acquire a certificate of competency as radio operator in GMDSS – General Operator's Certificate, the candidate shall have passed tests for the general certificate as radio operator in GMDSS (General Operator's Certificate).

(2) In order to acquire a certificate of competency as radio operator in GMDSS – Restricted Operator's Certificate, the candidate shall have passed the test for the restricted certificate as radio operator in GMDSS (Restricted Operator's Certificate).

Part 4

Leisure craft

Certificates of competency for yachtsmen

43. In addition to the special requirements for acquisition of certificates of competency stated under the individual certificates, the candidate shall

- 1) have legal capacity and not be under guardianship pursuant to section 5 of the Legal Guardianship Act (*Værgemålsloven*) or under guardianship pursuant to section 7 of the same Act.
- 2) have passed a sight and hearing test for yachtsmen approved by the Danish Maritime Authority within the last three years prior to issue of a certificate of competency.

44. In order to acquire a certificate of competency in sailing for yachtsmen, the candidate shall have passed the competency test in sailing for yachtsmen.

45. In order to acquire a certificate of competency as yacht master, 3rd class, the candidate shall

- 1) fulfil the conditions for acquisition of a certificate of competency in sailing for yachtsmen, and
- 2) have passed the exam for yacht master, 3rd class.

46. In order to acquire a certificate of competency as yacht master, 1st class, the candidate shall

- 1) be in possession of a valid certificate of competency as yacht master, 3rd class,
- 2) have acquired six months' duration of seagoing service under conditions in which a certificate as yacht master, 3rd class is required, and
- 3) have passed the exam for yacht master, 1st class.

47. In order to acquire a certificate of proficiency in motor operation for yachtsmen, the candidate shall

- 1) have passed the competency test in sailing for yachtsmen, and
- 2) have passed the proficiency test in motor operation.

Part 5

General provisions

Responsibilities of the shipowner and master*

48. The shipowner* and the master shall ensure that the seafarers who serve on board fulfil all of the training, qualifications and certificate requirements and that the required original certificates are on board.

Regarding duration of seagoing service for the acquisition of certificates of competency

49.-(1) When this Executive Order requires duration of seagoing service to be acquired in a position in which a specific certificate is required, duration of seagoing service may be included which was acquired in a corresponding position on foreign or Danish ships, notwithstanding the name of the required certificate.

(2) When there are requirements for training under duration of seagoing service, the training on board shall be documented in a training record book approved by the Danish Maritime Authority. The following shall, however be excepted unless otherwise stipulated:

- 1) training commencing before 1 August 1998,
- 2) duration of seagoing service for training as ship's mate, 4th class,
- 3) duration of seagoing service to renew certificates of competency or to achieve higher competency rights, and
- 4) candidates who have acquired a total duration of seagoing service of 36 months, except for engineer officers.

50. The Danish Maritime Authority may allow that duration of seagoing service acquired before 15 May 1997, which pursuant to the regulations applicable before 1 February 1997 qualified for issuance of one of the certificates of competency dealt with by this Executive Order, to continue to qualify for issuance of such certificates of competency.

Issue of certificates and the validity of certificates

51.-(1) Certificates pursuant to this Executive Order shall be issued by the Danish Maritime Authority, cf. however, subsection (3).

(2) When the issuance of a certificate of competency requires an exam or test to be passed, this shall be passed within the last five years prior to the date of issuance of the certificate.

(3) Certificates issued pursuant to section 3(1) to ratings as well as sections 4, 15 and 27-28 may also be issued by persons or institutions duly authorised by the Danish Maritime Authority.

(4) Certificates of competency issued pursuant to sections 6-12, 16-21, 23, 34-38 and 42 as well as tanker certificates at management level issued pursuant to section 3, shall be issued as valid for up to five years from the date of issue. Requests for certificates shall be submitted on a special form. These certificates, except for certificates pursuant to sections 34-38, shall be furnished with an STCW Convention endorsement.

(5) A certificate which allows the right to service on merchant ships and which was issued before 1 February 1997 may only be renewed if the holder fulfils the special training requirements stipulated in section 54(4) and certificates for navigators only if the holder is in possession of a certificate as radio operator in GMDSS (Restricted Operator's Certificate).

(6) A certificate shall be regarded as the equivalent of other certificates as stated in annex 1 to this Executive Order.

Exemptions

52. When issuance of a certificate of competency requires that the exam be passed within the last five years prior to the date of issue of the certificate, the certificate may be issued if the exam was passed at an earlier date, if the candidate passes tests or completes courses pursuant to provisions stipulated by the Danish Maritime Authority, taking into account the year of examination of the candidate and later employment.

53.-(1) The Danish Maritime Authority may, in exceptional circumstances, allow issuance of a certificate of competency, possibly with restricted rights, notwithstanding that the requirements laid down for acquisition of the certificate of competency have not been fulfilled completely. Exemption from fulfilment of requirements for exams and duration of seagoing service may, however, only be granted to the extent documented by an assessment of the actual competency of the candidate, including training and practical experience, and if necessary if it is demonstrated in some other way that the candidate has acquired adequate theoretical and practical training. Exemption from fulfilment of requirements for Danish citizenship may, however, only be given following prior procurement of a declaration from the relevant organisations.

(2) The Danish Maritime Authority may, in exceptional circumstances, allow a candidate to carry out continued service in a position which does not require a certificate of competency, notwithstanding that the candidate does not fully meet the requirements laid down for signing on in the position. Such permission may only be granted to the extent that the candidate documents having acquired the actual competencies, including training and practical experience, required for service in the position.

Renewal of certificates of competency

54.-(1) In order to renew a certificate of competency and a tanker certificate for officers, the candidate shall be in possession of a health certificate which is valid for the service authorised by certificate and shall document having done service on seagoing ships as navigator, dual ship's officer, engineer officer or radio operator, respectively

- 1) for no less than one year within the previous five years, or
- 2) for no less than three months within the last six months prior to renewal of the certificate.

(2) Recognition of service as dual ship's officer pursuant to subsection (1) requires that the candidate has acted in a position as dual ship's officer in accordance with a minimum safe manning document or other appropriate documentation. If the candidate has had such a position, the candidate has earned duration of seagoing service as both navigator and engineer officer.

(3) If a certificate of competency or a tanker certificate at management level has expired, it may be renewed for candidates who

- 1) have completed a course in safety at sea and fire fighting for ship's officers and document having done service on seagoing ships of at least three months immediately prior to renewal of the certificate
 - a) as navigator, engineer officer or dual ship's officer in a supernumerary position, or
 - b) as engineer officer in a lower position than that which corresponds to the candidate's certificate, or
- 2) have passed a test, the content and scope of which shall be stipulated by the Danish Maritime Authority taking into consideration the candidate's year of examination, duration of seagoing service and last signing off, and have completed one or more courses with a satisfactory result in accordance with more detailed provisions laid down by the Danish Maritime Authority, or
- 3) document having completed work which is linked to the nature of the certificate held and which the Danish Maritime Authority can approve as equivalent to the service required in subsection (1), no. 1.

(4) In addition to the provisions of subsection (3), a candidate with a certificate of competency as navigator issued before 1 February 1997 shall fulfil the special qualification requirements laid down in annex 3 of this Executive Order.

(5) The Danish Maritime Authority shall issue the necessary temporary certificates to candidates who carry out the duties mentioned in subsection (3), no. 1b).

(6) In order to renew a tanker certificate at management level, three months of the duration of seagoing service required in subsections (1) and (3) shall be acquired on tankers of the type authorised by the certificate, however duration of seagoing service acquired on chemical tankers may be included as duration of seagoing service on oil tankers.

(7) For renewal of a certificate of competency as radio operator in GMDSS (Restricted Operator's Certificate), duration of seagoing service as navigator or dual ship's officer shall be equivalent to duration of seagoing service as radio operator.

(8) Renewal of a certificate of competency may take place no sooner than six months before the expiry of the existing certificate of competency.

Penalty provisions

55. Violation of the provisions of section 48 by the shipowner* or the master shall be liable to a fine.

Part 6

Entry into force and transitional provisions

56.-(1) This Executive Order shall enter into force on 7 June 2006.

(2) The provision of section 2(2) on approved basic training shall be considered fulfilled for seafarers who, before 1 August 1998, have acquired duration of seagoing service as ordinary seaman or ordinary motor-man or seaman (advanced level) or motor-man (advanced level) or as member of a unitary crew.

(3) Executive Order No. 832 of 10 November 1999 on qualification requirements for seafarers and fishermen and on certificates of competency shall be repealed.

Danish Maritime Authority, 29 May 2006

Andreas Nordseth

/Hemming Hindborg

Annex 1

Endorsements on certificates of competency and certificates of qualification

1. Watchkeeping certificates

Title (Danish/English)	STCW endorsement	Laid down in:
Vagtholdsbevis Certificate Navigational Watchkeeping	Regulation II/4	s. 4

2. Certificate as ship's cook

Title (Danish/English)	Laid down in:
Skibskok Certificate of Competency as Ship's Cook	s. 26

3. Certificates of proficiency in survival and rescue equipment

Title (Danish/English)	STCW endorsement	Laid down in:
Duelighedsbevis i betjening af redningsbåde, -flåder og mand- over-bord både Certificate of proficiency in survival craft and rescue boats	Regulation VI/2	s. 27
Duelighedsbevis i betjening af hurtiggående mand-over-bord både (FRB-bevis) Certificate of proficiency in fast rescue boats	Regulation VI/2	s. 27

4. Certificates of competency for navigators

Title (Danish/English)	STCW endorsement	Capacity/ Limitations	Equivalent to:	Laid down in:
Duelighedsbevis i sejlads Certificate of Competency in Sailing Merchant Vessels	Regulation II/3	Officer in charge of a navigational watch / Ships of less than 100 GT, near coastal voyages	Speedboat certificate Certificate of competency in sailing for yachtsmen	s. 6
Bedstemand Certificate of Competency as Second Hand	Regulation II/3	Officer in charge of a navigational watch / Ships of less than 200 GT, near coastal voyages	Speedboat certificate Certificate of competency in sailing for yachtsmen Certificate of competency in sailing merchant vessels	s. 7
Styrmænd af 4. grad Certificate of Competency as Mate, 4 th Class	Regulation II/3	Officer in charge of a navigational watch / Near coastal voyages	Speedboat certificate Certificate of competency in sailing for yachtsmen Certificate of competency in sailing merchant vessels Certificate of proficiency in motor operation (for yachtsmen) Second hand Yacht master, 3rd class	s. 8

Translation: Only the Danish document has legal validity.

Styrmand af 3. grad Certificate of Competency as Mate, 3 rd Class	Regulation II/2	Officer in charge of a navigational watch / None Chief Mate / Ships of less than 3,000 GT	Speedboat certificate Certificate of competency in sailing for yachtsmen Certificate of competency in sailing merchant vessels Certificate of proficiency in motor operation (for yachtsmen) Second hand Yacht master, 1st and 3rd class Mate, 4th class	s. 8
Styrmand af 2. grad Certificate of Competency as Mate, 2 nd Class	Regulation II/2	Officer in charge of a navigational watch / None Chief mate / Ships of less than 3,000 GT	Speedboat certificate Certificate of competency in sailing for yachtsmen Certificate of competency in sailing merchant vessels Certificate of proficiency in motor operation (for yachtsmen) Second hand Yacht master, 1st and 3rd class Mate, 3rd and 4th class	s. 8
Styrmand af 1. grad Certificate of Competency as Mate, 1 st Class	Regulation II/2	Chief mate / None	Speedboat certificate Certificate of competency in sailing for yachtsmen Certificate of competency in sailing merchant vessels Certificate of proficiency in motor operation (for yachtsmen) Second hand Yacht master, 1st and 3rd class Mate, 2nd, 3rd and 4th class	s. 11
Kystskipper Certificate of Competency as Master (Home Trade)	Regulation II/3	Master / Near coastal voyages	Speedboat certificate Certificate of competency in sailing for yachtsmen Certificate of competency in sailing merchant vessels Certificate of proficiency in motor operation (for yachtsmen) Second hand Yacht master, 3rd class Mate, 4th class	s. 9
Sætteskipper Certificate of Competency as Master (Restricted)	Regulation II/2	Officer in charge of a navigational watch / None Master / Ships of less than	Speedboat certificate Certificate of competency in sailing for yachtsmen	s. 10

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		3,000 GT	Certificate of competency in sailing merchant vessels Certificate of proficiency in motor operation (for yachtsmen) Second hand Yacht master, 1st and 3rd class Mate, 3rd and 4th class Master (home trade)	
Skibsfører Certificate of Competency as Master	Regulation II/2	Master / None	Speedboat certificate Certificate of competency in sailing for yachtsmen Certificate of competency in sailing merchant vessels Certificate of proficiency in motor operation (for yachtsmen) Second hand Yacht master, 1st and 3rd class Mate, 1st, 2nd, 3rd and 4th class Master (home trade) Master (restricted)	s. 12

5. Certificates of competency for engineer officers

Title (Danish/English)	STCW endorsement	Capacity/ Limitations	Equivalent to:	Laid down in:
Duelighedsbevis i motorpasning Certificate of Proficiency in Motor operation	None	Not an STCW certificate	Certificate of proficiency in motor operation (for yachtsmen)	s. 15
Vagthavende maskinmester Certificate of Competency as Watchkeeping Engineer Officer	Regulation III/1	Engineer officer in charge of the watch / None	Certificate of proficiency in motor operation (for yachtsmen) Certificate of proficiency in motor operation	s. 16
Skibsmaskinist af 2. grad Certificate of Competency as Mechanist, 2 nd Class	Regulation III/3	Engineer officer in charge of the watch / None Second engineer officer / Propulsion power less than 3,000 kW	Certificate of proficiency in motor operation (for yachtsmen) Certificate of proficiency in motor operation Watchkeeping engineer officer	s. 17
Skibsmaskinist af 1. grad Certificate of Competency as Mechanist, 1 st Class	Regulation III/3	Engineer officer in charge of the watch / None Chief engineer officer / Propulsion power less than	Certificate of proficiency in motor operation (for yachtsmen) Certificate of proficiency in	s. 19

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		3,000 kW	motor operation Watchkeeping engineer officer Mechanist, 2nd class	
Skibsmaskinmester af 2. grad Certificate of Competency as Engineer Officer, 2 nd Class	Regulation III/2	Second engineer officer / None	Certificate of proficiency in motor operation (for yachtsmen) Certificate of proficiency in motor operation Watchkeeping engineer officer Mechanist 2nd class	s. 18
Skibsmaskinmester af 1. grad Certificate of Competency as Engineer Officer, 1 st Class	Regulation III/2	Second engineer officer / None Chief engineer officer / Propulsion power less than 3,000 kW	Certificate of proficiency in motor operation (for yachtsmen) Certificate of proficiency in motor operation Watchkeeping engineer officer Mechanist, 1st and 2nd class Engineer officer, 2nd class	s. 20
Skibsmaskinchef Certificate of Competency as Chief Engineer Officer	Regulation III/2	Chief engineer officer / None	Certificate of proficiency in motor operation (for yachtsmen) Certificate of proficiency in motor operation Watchkeeping engineer officer Mechanist, 1st and 2nd class Engineer officer, 1st and 2nd class	s. 21

6. Certificates of competency for navigators on fishing vessels

Title (Danish/English)	Equivalent to:	Laid down in:
Bedstemand i fiskeskibe Second Hand on Fishing Vessels	Speedboat certificate Certificate of competency in sailing for yachtsmen Certificate of proficiency in motor operation (for yachtsmen)	s. 34
Styrmænd af 3. grad i fiskeskibe Mate - 3 rd Class on Fishing Vessels	Speedboat certificate Certificate of competency in sailing for yachtsmen Certificate of proficiency in motor operation (for yachtsmen) Second hand on fishing vessels Yacht master, 3rd class	s. 35
Styrmænd af 1. grad i fiskeskibe Mate - 1 st Class on Fishing Vessels	Speedboat certificate Certificate of competency in sailing for yachtsmen Certificate of proficiency in motor operation	s. 36

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	(for yachtsmen) Second hand on fishing vessels Mate, 3rd class on fishing vessels Yacht master, 1st and 3rd class	
Fiskeskipper af 3. grad Skipper, 3 rd Class on Fishing Vessels	Speedboat certificate Certificate of competency in sailing for yachtsmen Certificate of proficiency in motor operation (for yachtsmen) Second hand on fishing vessels Mate, 1st and 3rd class on fishing vessels Yacht master, 3 rd class	s. 37
Fiskeskipper af 1. grad Skipper, 1 st Class on Fishing Vessels	Speedboat certificate Certificate of competency in sailing for yachtsmen Certificate of proficiency in motor operation (for yachtsmen) Second hand on fishing vessels Mate, 1st and 3rd class on fishing vessels Skipper, 3 rd class Yacht master, 1st and 3rd class	s. 38

7. Certificates of competency for radio operators on merchant ships and fishing vessels

Title (Danish/English)	STCW endorsement	Laid down in:
Radiooperatør i GMDSS – GOC GMDSS General Operator's Certificate (General Operator's Certificate)	Regulation IV/2	s. 42
Radiooperatør i GMDSS – ROC GMDSS Restricted Operator's Certificate (Restricted Operator's Certificate)	Regulation IV/2	s. 42

8. Certificates of competency for yachtsmen

Title (Danish/English)	Equivalent to:	Laid down in:
Duelighedsbevis i sejlads for fritidssejlere Certificate of competency in sailing for yachtsmen	Speedboat certificate	s. 44
Yachtskipper af 3. grad Certificate of Competency as Yacht Master, 3 rd Class	Speedboat certificate Certificate of competency in sailing for yachtsmen	s. 45
Yachtskipper af 1. grad Certificate of Competency as Yacht Master, 1 st Class	Speedboat certificate Certificate of competency in sailing for yachtsmen Yacht master, 3 rd class	s. 46
Duelighedsbevis i motorpasning for fritidssejlere Certificate of proficiency in motor	No other certificate	s. 47

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operation (for yachtsmen)		
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Annex 2

List of trades or sectors approved by the Danish Maritime Authority within the iron and metal area

The following trades give direct admission to the ship's assistant course for candidates with a certificate of completion of apprenticeship:

Industrial technician
Tool maker
Ship builder
Smith
Car mechanic and auto electrician
Lorry mechanic
Construction and agricultural plant mechanic
Precision mechanic
Ship fitter
Farrier
Coach builder
Refrigerator fitter
Boat builder / boat carpenter
Plumber

Qualifications which require supplementary training before admission to the ship's assistant course for candidates with a certificate of completion of apprenticeship:

Electrician, additional three months' workshop school
Maritime trades, additional three months' workshop school
Moulder, additional three months' workshop school
Bicycle and motorcycle mechanic, additional welding and lathing 1-2 courses
Data and communications engineer, additional six months' workshop school
Electronics and communications engineer, additional welding and lathing 1-2 courses
Automatics and process engineer, additional welding course
Aircraft mechanic, additional welding course
Blacksmith additional welding course

Annex 3

List of requirements for supplementary training in connection with renewal of certificates of competency for navigators issued before 1 February 1997

Certificate under the 1978 STCW Convention issued before 1 February 1997		Certificate under the STCW Convention revised in 1995			
Name of certificate	Service and restriction according to STCW endorsement	Exam or test	STCW reg.	Service and restriction according to STCW endorsement	Supplementary training requirements
Mate, 3rd class	Chief Mate, ships of less than 1600 GRT, Officer in charge of a navigational watch	Master (restricted) exam before October 1991	II/1, II/2	Chief Mate, ships of less than 3000 GT, Officer in charge of a navigational watch	Radar-simulator-course, ARPA-simulator course or certificate restricted to ships without ARPA
Mate, 2nd class	Chief Mate, ships of less than 1600 GRT, Officer in charge of a navigational watch	Master exam 1983 or earlier	II/1, II/2	Chief Mate, ships of less than 3000 GT, Officer in charge of a navigational watch	ARPA simulator course or certificate restricted to ships without ARPA
Mate, 1st class	Chief Mate	Master exam 1983 or earlier	II/2	Chief Mate	ARPA simulator course or certificate restricted to ships without ARPA
Master (restricted)	Master, ships of less than 1600 GRT, Officer in charge of a	Master (restricted) exam before October 1991	II/1, II/2	Master, ships of less than 3000 GT, Officer in charge of a	Radar-simulator-course, ARPA simulator course or

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	navigational watch			navigational watch	certificate restricted to ships without ARPA Course in dangerous goods
Master	Master	Master exam 1983 or earlier	II/2	Master	ARPA simulator course or certificate restricted to ships without ARPA
Master, 2nd class	Master, ships of less than 1600 GRT, Officer in charge of a navigational watch	Master exam	II/1, II/2	Master, ships of less than 3000 GT, Officer in charge of a navigational watch	Radar simulator course, ARPA simulator course or certificate restricted to ships without ARPA, Course on dangerous goods
Master, 1st class	Master, ships of less than 1600 GRT, Chief Mate	Master exam	II/1, II/2	Master, ships of less than 3000 GT, Chief Mate	ARPA simulator course or certificate restricted to ships without ARPA
Master, 2nd class	Master, ships of less than 1600 GRT, Officer in charge of a navigational watch	Master exam	II/1, II/2	Master, ships of less than 3000 GT, Officer in charge of a navigational watch	Radar simulator course, ARPA simulator course or certificate restricted to ships without ARPA, Course on

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					dangerous goods
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