Translation. Only the Danish version has legal validity

Order no. 1691 of 15 December 2016
issued by the Danish Maritime Authority

Order on special training requirements for personnel on ships using gas for propulsion

In pursuance of section 18(1)(i) and (iii), section 24b, section 25(4), section 25b(1) and (2), section 27(3) and section 28(5) of the act on the manning of ships (*lov om skibes besætning)*, cf. consolidated act no. 74 of 17 January 2014, and following consultation with the shipowner and seafarer organisations, the following provisions are laid down:

Part 1
Purpose

Section 1. This order stipulates the training requirements for masters, officers and ratings and other personnel who have been assigned safety duties on board ships covered by the IGF Code,[1] cf. the International Convention on Standards of Training, Certification and Watchkeeping (STCW) for seafarers, 1978, as amended, regulation V/3.

Application

Section 2. This order shall apply to seafarers on board ships subject to the International Code of Safety for Ships using Gases or other Low-flashpoint Fuels for propulsion (the IGF Code).

Subsection 2. All seafarers employed or engaged on board shall, when signing on, receive ship and equipment specific instructions approved by the shipowner in accordance with their functions on board.

Subsection 3. Seafarers responsible for assigned safety duties associated with the care, use or in emergency response to the fuel on ships subject to the IGF Code shall hold a valid certificate in basic training for seafarers on board ships subject to the IGF Code in accordance with the STCW Code, A-V/3, paragraph 1.

Subsection 4. Masters, engineer officers and all personnel with immediate responsibility for the care and use of fuels and fuel systems on board ships subject to the IGF Code shall hold a valid certificate in advanced training for service on ships subject to the IGF Code in accordance with the STCW Code, A-V/3, paragraph 2.

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1 Cf. the International Code of Safety for Ships using Gases or other Low-flashpoint Fuels), as defined in SOLAS regulation II-1/2.29.

Part 2

Purpose and contents

Course in basic service on board ships subject to the IGF Code

Section 3. The purpose of the course is for the seafarer to acquire the knowledge, understanding and competences associated with the work on board ships subject to the IGF Code necessary and thus meet the training requirements in accordance with annex 1.

Course in advanced service on board ships subject to the IGF Code

Section 4. The purpose of the course is for the seafarer to acquire the knowledge, understanding and competences associated with the work on board ships subject to the IGF Code and thus meet the training requirements in accordance with annex 2.

Part 3

Qualification requirements

Section 5. In order to take part in a basic course for service on board ships subject to the IGF Code, cf. section 3, the seafarer shall meet the general provisions stipulated in the current order on the qualification requirements for seafarers and fishermen and on certificates of competency and certificates of proficiency to form part of the deck, machinery or general purpose crew on board a Danish ship.

Section 6. In order to take part in an advanced course for service on board ships subject to the IGF Code, cf. section 4, the seafarer shall hold a valid certificate in the basic course, cf. section 3, as described in annex 1.

Part 4

Requirements for maintaining competences

Section 7. Persons holding qualification certificates in accordance with sections 3 and 4 shall, at least every fifth year, be able to document three months' seagoing service within the last five years on board ships subject to the IGF Code.

Subsection 2. Persons who do not meet the seagoing service requirement stipulated in subsection 1 shall complete a relevant course for having the certificate renewed.

Part 5

Course providers and requirements for instructor qualifications

Section 8. Course providers shall have been approved by the Danish Maritime Authority in accordance with the current provisions on the approval and quality assurance, etc. of maritime training programmes.

Section 9. Course providers shall ensure that the instructors have the qualifications necessary to teach the courses stipulated. This includes their professional qualifications as well as their instructor and teacher qualifications.

Section 10. Course providers shall, on the basis of the course goals stipulated in annexes 1 and 2, determine the more detailed course planning, including the duration of the courses, in consideration of the course participants' qualifications.

Part 6
Issuing and recording certificates

Section 11. The course provider shall issue certificates to seafarers who have completed the basic course for service on board ships subject to the IGF Code.

Subsection 2. The certificate shall have the form shown in annex 3.

Section 12. The Danish Maritime Authority shall issue certificates to seafarers who have completed the advanced course for service on board ships subject to the IGF Code, upon application by means of the Danish Maritime Authority's electronic application form, provided that the seafarer has subsequently completed at least 1 month's approved seagoing service covering at least three bunker operations on board ships subject to the IGF Code.

Subsection 2. It shall be possible to replace two of the three bunker operations by approved simulator training in bunker operations as part of the training as described in annex 2.

Subsection 3. The Danish Maritime Authority shall issue certificates to seafarers who meet the conditions stipulated in section 16 upon application by means of the Danish Maritime Authority's electronic application form.

Subsection 4. The certificate shall have the form shown in annex 4.

Subsection 5. When forwarding an application to the Danish Maritime Authority for being issued with certificates or copies of certificates, a fee shall be required, cf. the Danish Maritime Authority's rates of fees.

Section 13. The course provider shall record the issue of the course certificate. The recording shall be kept for five years and contain information about the date of issue or, if this is unknown, the age, name and date of birth of the seafarer.

Subsection 2. The course provider shall inform the Danish Maritime Authority about the courses completed by means of the digital reporting system of the Danish Maritime Authority.

Part 7
Penalty provisions

Section 14. Contraventions of this order shall be punishable by fine. Any shipowner or master contravening section 2 shall be liable to punishment by fine or imprisonment for a term not exceeding one year.

Subsection 2. The penalty may be increased to imprisonment for a term not exceeding two years if the violation was committed intentionally or grossly negligently and if the contravention:

1) has caused injury to young people below the age of 18 or provoked a risk of injury, or
2) has resulted in or aimed at a financial benefit, comprising also financial savings, for the contravener or for others.

Subsection 3. If the benefit obtained through the contravention is not confiscated, the size of such financial benefit obtained or aimed at shall be taken into account when determining the fine, including additional fines, cf. subsection 2(ii).

Subsection 4. Companies, etc. (legal persons) may incur criminal liability according to the provisions of part 5 of the criminal code (*straffeloven*).

Subsection 5. When determining criminal liability pursuant to subsection 4, persons who have been employed to carry out work on board the ship by others than the shipowner shall also be considered affiliated with the shipowner. If a document of compliance has been issued in accordance with the Code on the Safe Operation of Ships or a certificate in accordance with the Maritime Labour Convention to another organisation or person, the master and the seafarers shall also be considered to be affiliated with the one to whom the document has been issued.

Interim provision

Section 15. Seafarers covered by section 2(1) shall be able to document having met the requirements stipulated in section 3 within the last 5 years.

Section 16. Masters, engineer officers and all personnel with immediate responsibility for the care and use of fuels and fuel systems on board ships subject to the IGF Code holding a valid certificate for the management of gas tanker operations (STCW A-V/1-2, paragraph 2) shall be considered to meet the requirements of section 4 of this order provided they:

1) meet the requirements stipulated in section 4;
2) meet the requirements for bunker operations described in section 6 or have completed at least three loading/unloading operations on board a gas tanker;
3) have completed at least three months' seagoing service within the last five years on board:
    a) ships covered by the IGF Code;
    b) tankers carrying cargoes covered by the IGF Code; or
    c) ships using gases or other low-flashpoint fuels for propulsion.

Section 17. Seafarers who have completed a training programme corresponding to the conditions stipulated in sections 3 and 4 before the entry into force of this order may apply for a new certificate by means of the Danish Maritime Authority's electronic application form.

Subsection 2. The Danish Maritime Authority shall issue certificates to seafarers who meet the conditions of sections 15 and 16 following application by means of the Danish Maritime Authority's electronic application form.

Part 8

Entry into force

Section 18. This order shall enter into force on 1 January 2017.

Danish Maritime Authority, 15 December 2016

Per Sønderstrup / Malthe Møller Pedersen

Table A-V/3-1 Specification of minimum standard of competence in basic training for ships subject to the IGF Code

Column 1	Column 2	Column 3	Column 4
Competence	**Knowledge, understanding and proficiency**	**Methods for demonstrating competence**	**Criteria for evaluating competence**
Contribute to the safe operation of a ship subject to the IGF Code.	Design and operational characteristics of ships subject to the IGF Code. Basic knowledge of ships subject to the IGF Code, their fuel systems and fuel storage systems: .1 fuels addressed by the IGF Code; .2 types of fuel systems subject to the IGF Code; .3 atmospheric, cryogenic or compressed storage of fuels on board ships subject to the IGF Code; .4 general arrangement of fuel storage systems on board ships subject to the IGF Code; .5 hazard zones and areas; .6 typical fire safety plan; .7 monitoring, control and safety systems aboard ships subject to the IGF Code; Basic knowledge of fuels and fuel storage systems' operations on board ships subject to the IGF Code: .1 piping systems and valves; .2 atmospheric, compressed or cryogenic storage; .3 relief systems and protection screens; .4 basic bunkering operations and bunkering systems; .5 protection against cryogenic accidents; .6 fuel leak monitoring and detection. Basic knowledge of the physical properties of fuels on board ships subject to the IGF Code, including:	Examination and assessment of evidence obtained from one or more of the following: .1 approved in-service experience; .2 approved training ship experience; .3 approved simulator training; .4 approved training programme.	Communications within the area of responsibility are clear and effective. Operations related to ships subject to the IGF Code are carried out in accordance with accepted principles and procedures to ensure safety of operations.

Column 1	Column 2	Column 3	Column 4
Competence	**Knowledge, understanding and proficiency**	**Methods for demonstrating competence**	**Criteria for evaluating competence**
	.1 properties and characteristics; .2 pressure and temperature, including vapour pressure/temperature relationship. Knowledge and understanding of safety requirements and safety management on board ships subject to the IGF Code.		
Take precautions to prevent hazards on a ship subject to the IGF Code.	Basic knowledge of the hazards associated with operations on ships subject to the IGF Code, including: .1 health hazards; .2 environmental hazards; .3 reactivity hazards; .4 corrosion hazards; .5 ignition, explosion and flammability hazards; .6 sources of ignition; .7 electrostatic hazards; .8 toxicity hazards; .9 vapour leaks and clouds; .10 extremely low temperatures; .11 pressure hazards; .12 fuel batch differences; Basic knowledge of hazard controls: .1 emptying, inerting, drying and monitoring techniques; .2 anti-static measures; .3 ventilation; .4 segregation; .5 inhibition; .6 measures to prevent ignition, fire and explosion; .7 atmospheric control; .8 gas testing; .9 protection against cryogenic damages (LNG). Understanding of fuel characteristics on ships subject to the IGF Code as found on a Safety Data Sheet (SDS).	Examination and assessment of evidence obtained from one or more of the following: .1 approved in-service experience; .2 approved training ship experience; .3 approved simulator training; .4 approved training programme.	Correctly identifies on a Safety Data Sheet (SDS), relevant hazards to the ship and to personnel, and takes the appropriate actions in accordance with established procedures. Identification and actions on becoming aware of a hazardous situation conform to established procedures in line with best practice.
Apply occupational	Awareness of function of	Examination and assess-	Procedures and safe

Column 1	Column 2	Column 3	Column 4
Competence	**Knowledge, understanding and proficiency**	**Methods for demonstrating competence**	**Criteria for evaluating competence**
health and safety precautions and measures.	gas-measuring instruments and similar equipment: .1 gas testing; Proper use of specialized safety equipment and protective devices, including: .1 breathing apparatus; .2 protective clothing; .3 resuscitators; .4 rescue and escape equipment. Basic knowledge of safe working practices and procedures in accordance with legislation and industry guidelines and personal shipboard safety relevant to ships subject to the IGF Code, including: .1 precautions to be taken before entering hazardous spaces and zones; .2 precautions to be taken before and during repair and maintenance work; .3 safety measures for hot and cold work. Basic knowledge of first aid with reference to a Safety Data Sheet (SDS).	ment of evidence obtained from one or more of the following: .1 approved in-service experience; .2 approved training ship experience; .3 approved simulator training; .4 approved training programme.	working practices designed to safeguard personnel and the ship are observed at all times. Appropriate safety and protective equipment is correctly used. First aid dos and don'ts.
Carry out firefighting operations on a ship subject to the IGF Code.	Fire organization and action to be taken on ships subject to the IGF Code. Special hazards associated with fuel systems and fuel handling on ships subject to the IGF Code. Firefighting agents and methods used to control and extinguish fires in conjunction with the different fuels found on board ships subject to the IGF Code. Firefighting system operations.	Practical exercises and instructions carried out under approved and fully realistic training conditions (such as the conditions on board the ship) and – when possible and practicable – in darkness.	Initial actions and follow-up actions on becoming aware of an emergency conform with established practices and procedures. Action taken on identifying muster signals is appropriate to the indicated emergency and complies with established procedures. Clothing and equipment are appropriate to the nature of the firefighting operations. The timing and sequence of individual actions are appropriate to the prevailing circumstances and firefighting agents. The fire is extinguished using the relevant procedures, techniques and

Column 1	Column 2	Column 3	Column 4
Competence	**Knowledge, understanding and proficiency**	**Methods for demonstrating competence**	**Criteria for evaluating competence**
			fire-extinguishants.
Respond to emergencies.	Basic knowledge of emergency procedures, including emergency shutdown.	Examination and assessment of evidence obtained from one or more of the following: .1 approved in-service experience; .2 approved training ship experience; .3 approved simulator training; .4 approved training programme.	The type and impact of the emergency is promptly identified and the response action conform to the emergency procedures and contingency plans.
Take precautions to prevent pollution of the environment from the release of fuels found on ships subject to the IGF Code.	Basic knowledge of measures to be taken in the event of leakage/spillage/venting of fuels from ships subject to the IGF Code, including the need to: .1 report relevant information to the responsible persons; .2 awareness of shipboard spill/leakage/venting response procedures; .3 awareness of appropriate personal protection when responding to a spill/leakage of fuels addressed by the IGF Code.	Examination and assessment of evidence obtained from one or more of the following: .1 approved in-service experience; .2 approved training ship experience; .3 approved simulator training; .4 approved training programme.	Procedures designed to safeguard the environment are observed at all times.

Annex 2

Table A-V/3-2 Specification of minimum standard of competence of advanced training for ships subject to the IGF Code

Column 1	Column 2	Column 3	Column 4
Competence	**Knowledge, understanding and proficiency**	**Methods for demonstrating competence**	**Criteria for evaluating competence**
Familiarity with physical and chemical properties of fuels aboard ships subject to the IGF Code.	Basic knowledge and understanding of simple chemistry and physics and the relevant definitions related to safe bunkering and use of fuels used on board ships subject to the IGF Code, including: .1 the chemical structure of different fuels used on board ships subject to the IGF Code; .2 the properties and characteristics of fuels used on board ships subject to the IGF Code, including: .2.1 simple physical laws; .2.2 states of matter; .2.3 liquid and vapour densities; .2.4 boil-off and weathering of cryogenic fuels; .2.5 compression and expansion of gases; .2.6 critical pressure and temperature of gases; .2.7 flashpoint, upper and lower flammable limits, auto-ignition temperature; .2.8 saturated vapour pressure/reference temperature; .2.9 dewpoint and bubble point; .2.10 hydrate formation; .2.11 combustion properties: heating values; .2.12 methane number/knocking; .2.13 pollutant characteristics of fuels addressed by the IGF Code; .3 the properties of single liquids; .4 the nature and properties of solutions; .5 thermodynamic units; .6 basic thermodynamic	Examination and assessment of evidence obtained from one or more of the following: .1 approved in-service experience; .2 approved training ship experience; .3 approved simulator training; .4 approved training programme.	Effective use is made of information resources for identification of properties and characteristics of fuels addressed by the IGF Code and their impact on safety, environmental protection and ship operation.

Column 1	Column 2	Column 3	Column 4
Competence	**Knowledge, understanding and proficiency**	**Methods for demonstrating competence**	**Criteria for evaluating competence**
	laws and diagrams; .7 properties of materials; .8 effect of low temperature, including brittle fracture, for liquid cryogenic fuels. Understanding the information contained in a Safety Data Sheet (SDS) about fuels addressed by the IGF Code.		
Operate controls of fuel related to propulsion plant and engineering systems and services and safety devices on board ships subject to the IGF Code.	Operating principles of marine power plants. Ships' auxiliary machinery. Knowledge of marine engineering terms.	Examination and assessment of evidence obtained from one or more of the following: .1 approved in-service experience; .2 approved training ship experience; .3 approved simulator training; .4 approved training programme.	Plant, auxiliary machinery and equipment is operated in accordance with technical specifications and within safe operating limits at all times.
Ability to safely perform and monitor all operations related to the fuels used on board ships subject to the IGF Code.	Design and characteristics of ships subject to the IGF Code. Knowledge of ship design, systems, and equipment found on ships subject to the IGF Code, including: .1 fuel systems for different propulsion engines; .2 general arrangement and construction; .3 fuel storage systems on board ships subject to the IGF Code, including materials of construction and insulation; .4 fuel-handling equipment and instrumentations on board ships: .4.1 fuel pumps and pumping arrangements; .4.2 fuel pipelines; .4.3 expansion devices; .4.4 flame screens; .4.5 temperature monitoring systems; .4.6 fuel tank level-gauging systems; .4.7 tank pressure monitoring and control	Examination and assessment of evidence obtained from one or more of the following: .1 approved in-service experience; .2 approved training ship experience; .3 approved simulator training; .4 approved training programme.	Communications are clear and understood. Successful ship operations using fuels addressed by the IGF Code are carried out in a safe manner, taking into account ship designs, systems and equipment. Pumping operations are carried out in accordance with accepted principles and procedures and are relevant to the type of fuel. Operations are planned, risk is managed and carried out in accordance with accepted principles and procedures to ensure safety of operations and to avoid pollution of the marine environment.

Column 1	Column 2	Column 3	Column 4
Competence	**Knowledge, understanding and proficiency**	**Methods for demonstrating competence**	**Criteria for evaluating competence**
	systems; .5 cryogenic fuel tanks temperature and pressure maintenance; .6 fuel system atmosphere control systems (inert gas, nitrogen), including storage, generation and distribution; .7 toxic and flammable gas-detecting systems; .8 fuel Emergency Shut Down system (ESD). Knowledge of fuel system theory and characteristics, including types of fuel system pumps and their safe operation on board ships subject to the IGF Code: .1 low pressure pumps; .2 high pressure pumps; .3 vaporizers; .4 heaters; .5 pressure build-up units. Knowledge of safe procedures and checklists for taking fuel tanks in and out of service, including: .1 inerting; .2 cooling down; .3 initial loading; .4 pressure control; .5 heating of fuel; .6 emptying systems.		
Plan and monitor safe bunkering, stowage and securing of the fuel on board ships subject to the IGF Code.	General knowledge of ships subject to the IGF Code. Ability to use all data available on board related to bunkering, storage and securing of fuels addressed by the IGF Code. Ability to establish clear and concise communications between the ship and the terminal, truck or the bunker supply ship. Knowledge of safety and emergency procedures for operation of machinery, fuel- and control systems for ships subject to the IGF Code.	Examination and assessment of evidence obtained from one or more of the following: .1 approved in-service experience; .2 approved training ship experience; .3 approved simulator training; .4 approved training programme.	Fuel quality and quantity is determined taking into account the current conditions and necessary corrective safe measures are taken. Procedures for monitoring safety systems to ensure that all alarms are detected promptly and acted upon in accordance with established procedures. Operations are planned and carried out in accordance with fuel transfer manuals and procedures to ensure safety of operations and avoid spill

Column 1	Column 2	Column 3	Column 4
Competence	**Knowledge, understanding and proficiency**	**Methods for demonstrating competence**	**Criteria for evaluating competence**
	Proficiency in the operation of bunkering systems on board ships subject to the IGF Code, including: .1 bunkering procedures; .2 emergency procedures; .3 ship-shore/ship-ship interface; .4 prevention of rollover. Proficiency to perform fuel-system measurements and calculations, including: .1 maximum fill quantity; .2 On Board Quantity (OBQ); .3 Minimum Remain On Board (ROB); .4 fuel consumption calculations. Ability to ensure the safe management of bunkering and other IGF Code fuel related operations concurrent with other onboard operations, both in port and at sea.		damages and pollution of the environment. Personnel are allocated duties and informed of procedures and standards of work to be followed, in a manner appropriate to the individuals concerned and in accordance with safe working procedures.
Take precautions to prevent pollution of the environment from the release of fuels from ships subject to the IGF Code.	Knowledge of the effects of pollution on human and environment. Knowledge of measures to be taken in the event of spillage/leakage/venting.	Examination and assessment of evidence obtained from one or more of the following: .1 approved in-service experience; .2 approved training ship experience; .3 approved simulator training; .4 approved training programme.	Procedures designed to safeguard the environment are observed at all times.
Monitor and control compliance with legislative requirements.	Knowledge and understanding of relevant provisions of the International Convention for the Prevention of Pollution from Ships (MARPOL), as amended and other relevant IMO instruments, industry guidelines and port regulations as commonly applied. Proficiency in the use of the IGF Code and related documents.	Examination and assessment of evidence obtained from one or more of the following: .1 approved in-service experience; .2 approved training ship experience; .3 approved simulator training; .4 approved training programme.	The handling of fuels on board ships subject to the IGF Code complies with relevant IMO instruments and established industrial standards and codes of safe working practices. Operations are planned and performed in conformity with approved procedures and legislative requirements.
Take precautions to prevent hazards.	Knowledge and understanding of the hazards	Examination and assessment of evidence ob-	Relevant hazards to the ship and to personnel

Column 1	Column 2	Column 3	Column 4
Competence	**Knowledge, understanding and proficiency**	**Methods for demonstrating competence**	**Criteria for evaluating competence**
	and control measures associated with fuel system operations on board ships subject to the IGF Code, including: .1 flammability; .2 explosion; .3 toxicity; .4 reactivity; .5 corrosivity; .6 health hazards; .7 inert gas composition; .8 electrostatic hazards; .9 pressurized gases; .10 low temperature. Proficiency to calibrate and use monitoring and fuel detection systems, instruments and equipment on board ships subject to the IGF Code. Knowledge and understanding of dangers of non-compliance with relevant rules/regulations. Knowledge and understanding of risk assessment method analysis on board ships subject to the IGF Code. Ability to elaborate and develop risk analysis related to risks on board ships subject to the IGF Code. Ability to elaborate and develop safety plans and safety instructions for ships subject to the IGF Code. Knowledge of hot work, enclosed spaces and tank entry, including permitting procedures.	tained from one or more of the following: .1 approved in-service experience; .2 approved training ship experience; .3 approved simulator training; .4 approved training programme.	associated with operations on board ships subject to the IGF Code are correctly identified and proper control measures are taken. Use of flammable and toxic gas-detection devices are in accordance with manuals and good practice.
Apply occupational health and safety precautions and measures on board a ship subject to the IGF Code.	Proper use of safety equipment and protective devices, including: .1 breathing apparatus and evacuating equipment; .2 protective clothing and equipment; .3 resuscitators; .4 rescue and escape equipment. Knowledge of safe work-	Examination and assessment of evidence obtained from one or more of the following: .1 approved in-service experience; .2 approved training ship experience; .3 approved simulator training; .4 approved training programme.	Appropriate safety and protective equipment is correctly used. Procedures designed to safeguard personnel and the ship are observed at all times. Working practices are in accordance with legislative requirements, codes of practice, permits to work and environmental

Column 1	Column 2	Column 3	Column 4
Competence	**Knowledge, understanding and proficiency**	**Methods for demonstrating competence**	**Criteria for evaluating competence**
	ing practices and procedures in accordance with legislation and industry guidelines and personal shipboard safety, including: .1 precautions to be taken before, during and after repair and maintenance work on fuel systems addressed in the IGF Code; .2 electrical safety (reference to IEC 600079-17); .3 ship/shore safety checklist. Basic knowledge of first aid with reference to a Safety Data Sheet (SDS) for fuels addressed by the IGF Code.		concerns. First aid dos and don'ts.
Knowledge of the prevention, control and firefighting and extinguishing systems on board ships subject to the IGF Code.	Knowledge of the methods and firefighting appliances to detect, control and extinguish fires of fuels addressed by the IGF Code.	Examination and assessment of evidence obtained from one or more of the following: .1 approved in-service experience; .2 approved training ship experience; .3 approved simulator training; .4 approved training programme.	The type and scale of the problem is promptly identified, and initial actions conform with the emergency procedures for fuels addressed by the IGF Code. Evacuation, emergency shutdown and isolation procedures are appropriate to the fuels addressed by the IGF Code.

Annex 3

Certificate of proficiency in basic training for service on ships subject to the IGF Code

Bevis i grundlæggende træning for sofarende om bord på skibe omfattet af IGF-koden
Certificate of proficiency in basic training for service on ships subject to the IGF Code

BEVIS UDSTEDT EFTER BESTEMMELSERNE I

DEN INTERNATIONALE KONVENTION OM UDDANNELSE AF SØFARENDE,

OM SØNÆRING OG OM VAGTHOLD, 1978, SOM ÆNDRET

CERTIFICATE ISSUED UNDER THE PROVISIONS OF THE INTERNATIONAL CONVENTION ON STANDARDS OF TRAINING,

CERTIFICATION AND WATCHKEEPING FOR SEAFARERS, 1978, AS AMENDED

Det attesteres herved, at
This is to certify that

CPR. NR. *(ID No.)*

er fundet kvalificeret i overensstemmelse med bestemmelserne i reglement
has been found duly qualified in accordance with the provisions of regulation

Section A-V/3 paragraph 1

af ovennævnte konvention, som ændret, til tjeneste om bord skibe omfattet af IGF-koden
of the above Convention, as amended, service on ships subject to the IGF Code.

Ihændehaverens fødselsdato
Date of birth of the holder of the certificate

Udstedt dato ....
.....

Issued date

Bemyndigede bevisudsteders navn og underskrift
Signature and name of person authorized to issue certificate

gyldigt til

expiry date

Annex 4

Certificate of proficiency in advanced training for service on ships subject to the IGF Code

Bevis for ledelse af operationer på skibe omfattet af IGF-koden
Certificate of proficiency in advanced training for service on ships subject to the IGF Code

BEVIS UDSTEDT EFTER BESTEMMELSERNE I

DEN INTERNATIONALE KONVENTION OM UDDANNELSE AF SØFARENDE,

OM SØNÆRING OG OM VAGTHOLD, 1978, SOM ÆNDRET

CERTIFICATE ISSUED UNDER THE PROVISIONS OF THE INTERNATIONAL CONVENTION ON STANDARDS OF TRAINING,

CERTIFICATION AND WATCHKEEPING FOR SEAFARERS, 1978, AS AMENDED

Det attesteres herved, at
This is to certify that

CPR. NR. *(ID No.)*

er fundet kvalificeret i overensstemmelse med bestemmelserne i reglement
has been found duly qualified in accordance with the provisions of regulation

Section A-V/3 paragraph 2

af ovennævnte konvention, som ændret, til tjeneste om bord skibe omfattet af IGF-koden
of the above Convention, as amended, service on ships subject to the IGF Code.

Ihændehaverens fødselsdato
Date of birth of the holder of the certificate

Udstedt dato ....
.....

Issued date

Bemyndigede bevisudsteders navn og underskrift
Signature and name of person authorized to issue certificate

gyldigt til

expiry date