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Chapter A IX B
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Technical regulation on
occupational health in ships

CHAPTER IX

Examinations, Medical Treatment and Ship Medicine

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Part B Medical treatment and medicine on board ships**Regulation 1 Application**

- 1 This technical regulation shall apply to all ships, except:
 - .1 Open vessels.
 - .2 Ships engaged on voyages of no more than 30 minutes' duration.
 - .3 Pleasure yachts used for non-commercial purposes and not manned by a professional crew.
 - .4 Tow boats and other vessels operating in port areas.
 - .5 Warships.
- 2 If the operational use of the ship renders it necessary, the Danish Maritime Authority may, regardless of the exceptions stipulated in paragraph (1), stipulate more detailed regulations on the equipment of a ship or type of ship with:
 - .1 Medicaments, medical equipment and training.
 - .2 Treatment rooms, including their arrangement and facilities.
- 3 These provisions implement the European Council Directive 92/29/EEC on the minimum safety and health requirements for improved medical treatment on board vessels, Official Journal 1992, L 113 p. 19.

Regulation 2 Inventories, medical books, etc.

- 1 All ships shall carry medicaments and medical equipment the extent of which shall be determined by means of the type designations A, B and C, cf. regulation 3, and supplement types CR, P, M, F and G, cf. regulation 4.

Any ship authorised for the carriage of dangerous goods shall supplement medicaments and medical equipment, cf. regulation 4 on dangerous goods.
- 2 For the relevant type designation and supplement type, a publication "Inventory, Control Document and User Instructions for the Contents of Ship's Medicine Chest", shall be carried on board, hereinafter referred to as the inventory.
- 3 Inventories of the type designations and supplement types mentioned in paragraph (1) are published as special publications with the following title on the front page: "Inventory, Control Document and User Instructions for Medicaments and Medical Equipment category A", respectively B, C and supplement type CR and P. In addition, a joint inventory of all type designations is published called "Joint Inventory of Medicaments and Medical Equipment on board Ships". Supplement types M, F and G are mentioned in the appendix of this publication.
- 4 Ships that shall be provided with either an inventory type A or B shall carry a copy of the medical book authorised by the Danish Maritime Authority and a copy of this technical regulation. Furthermore, the ship shall carry the Radio Medical record authorised by the Danish Maritime Authority for use on board ships in case of illness and accidents, including temperature tables and diagnosis forms.

The above shall also apply to ships assigned type C and supplement type P.

- 5 Ships that shall be provided with an inventory type A shall carry a copy of the medical book and inventory A (User Instructions) in English if non Danish-speaking crewmembers are engaged.
- 6 The publications mentioned in regulation 2(2) shall not exclude the use of an electronic medium on the precondition that it is possible to read the publication on board.

Regulation 3 Amount of medicaments and medical equipment

- 1 The quantity of medicaments and medical equipment to be carried on board depends on the ship's trade area and the number of persons on board as stipulated below:

Type A:

Ships used for navigation or fishing at sea that are fit for long voyages.

Passenger ships holding a permit to carry more than 100 passengers and engaged on voyages of more than 4 hours' duration.

Type B:

Ships navigating off the coasts of the EU countries and Norway at a distance of less than 150 nautical miles from the nearest port that has the necessary medical equipment. This stipulation may be extended to include ships navigating at a distance of less than 175 nautical miles from the nearest port that has the necessary medical equipment if the ship is within the radius of rescue helicopters at all times.

Type C:

Ships navigating in sea area A1 at a distance of no more than 25 nautical miles from the coasts of the EU/EEC countries.

- 2 Mobile resuscitation equipment, cf. appendix 1, is included in types A and B. As regards type C, mobile resuscitation equipment is included if:
 - .1 The ship is classified according to the IMDG Code and carries dangerous goods.
 - .2 Supplement type P is required.
- 3 The medicaments and medical equipment shall be available in the prescribed quantities at the beginning of any voyage. Any medicaments or medical equipment used during a voyage shall be replaced at the first given opportunity.
- 4 The prescribed quantities of medicaments and medical equipment are minimum quantities. The master of the ship shall decide in each individual case whether or not to carry a greater quantity than that stipulated in the ship's inventory.

Regulation 4 Supplement for Inventories A, B and C

1 Life boats and liferafts: Supplement type CR

- .1 A ship's life boats and liferafts shall be equipped with medicaments and medical equipment as stipulated in the publication Supplement Type CR. The publication Supplement Type CR may apply to all the life boats and liferafts of a ship. This publication shall be available on board.

- .2 Medicaments and medical equipment for life boats and liferafts shall be kept in a water-proof packing labelled in an conspicuous way: "Supplement Type CR" and with the expiration date for the medicament that expires first.
- .3 Medicaments of supplement type CR which are delivered in glass containers shall be coated.
- .4 Supplement type CR shall include waterproof user instructions authorised by the Danish Maritime Authority, published as a special publication entitled "Inventory of medicaments for life boats and liferafts". The waterproof user instructions shall be packed in the CR chest.
- .5 The inspection of medicaments and medical equipment shall be carried out in connection with the statutory service inspections of life boats and liferafts.
- .6 In exceptional cases, the inspection may be postponed for a period of no more than 5 months.

2 Passenger ships: Supplement type P

- .1 A passenger ship shall, as part of its medical equipment, carry a first-aid bag and supplementary medicaments if:
 - .1 The passenger ship holds a permit to carry more than 100 passengers and is engaged on voyages of more than 30 minutes' duration.
 - .2 The contents of the first-aid bag and the supplementary medicaments are stipulated in a special publication entitled "Inventory, Control Document and User Instructions for medicaments and equipment in first-aid bags (type P)". The content of supplement type P shall be provided, when possible, from the ship's other supply of medicaments and medical equipment.
 - .3 The publication mentioned in paragraph (2) shall be on board the passenger ships mentioned in paragraph (1.1).

3 Ships with requirements of a MOB boat: Supplement type M

- .1 The ship's Man-Overboard-Boats (MOB boats) shall be equipped with medical equipment as prescribed in appendix 4 supplement type M.
- .2 The equipment shall, when possible, be provided from the ship's other supply.
- .3 If the MOB boat also functions as a life boat, it shall be equipped with medicaments and medical equipment equivalent to a life boat supplement type CR.

4 Vessels with a risk of contamination with war gas: Supplement type G

- .1 Fishing vessels that fish with tools touching the bottom of the sea or nets firmly placed on the bottom of the sea, rescue vessels, fishing inspection vessels and environment vessels shall, in the areas mentioned in appendix 5 where there is a risk of contamination with war gas, be equipped with protective equipment and first-aid equipment as stipulated in appendix 5.

5 Supplement for ships carrying dangerous goods:

- .1 A ship holding a permit to carry dangerous goods, classified according to the IMDG Code ("International Maritime Dangerous Goods Code"), shall in addition to regulation

- 2(1) carry medicaments and medical equipment in accordance with the supplement lists in force at any time, included in "Inventory, Control Document and User Instructions on Medicaments and Medical Equipment Type A", respectively, B and C.
- .2 Ships carrying dangerous goods, cf. the IMDG Code and BC Code, shall carry a copy of the MFAG ("Medical First Aid Guide for Use in Accidents Involving Dangerous Goods") in force at all times.
- 6 The coast rescue vessels of the Danish Maritime Safety Administration: Supplement type F**
- .1 The coast rescue vessels of the Danish Maritime Safety Administration which are equipped with medicaments and medical equipment according to type C shall be supplemented with the medicaments and medical equipment mentioned in appendix 6.

Regulation 5 Purchase, shipment and delivery of medicaments and medical equipment

- 1 In accordance with the Danish Medicines Agency's Order on ship masters' and shipowners' import of medicaments on calls at a foreign port, the first purchase of medicaments prescribed for new buildings and ships that are flagged in shall be from a Danish pharmacy.
- 2 The ship's medicine chest may be filled at a pharmacy in another EU/EEC country or third country on the condition that the correct labelling is made, cf. the inventory for the relevant type A, B, C, and supplement type CR, P, and dangerous goods, and appendix 3, appendix 4, appendix 5 and appendix 6.
- 3 The Danish Medicines Agency may require shipowners and ship masters to document that the purchase of medicaments will be used for the prevention of disease and treatment of persons on board.
- 4 The purchase of medicaments and medical equipment shall be requested in writing by the shipowner or master. The requisition shall contain information on the type designation and supplement type concerned with the purchase or the supplementation.
- 5 The pharmacy shall deliver the medicaments listed in the inventories on the request of the shipowner or master.
- 6 Medicaments shall be delivered with printed or type-written information in accordance with the guidelines in the inventories.
- 7 The pharmacy shall draw up documentation for the delivered medicaments and medical equipment which shall accompany the delivery.
- 8 When shipping the medicaments and medical equipment, the pharmacy shall ensure that they are properly packed and secured against the weather and condensed moisture.
- 9 The pharmacy shall ensure that medicaments that have special requirements regarding storage temperature are stored properly until the ship receives the medicaments.
- 10 At the time of delivery, medicaments and sterile medical equipment shall have at least 70% of their shelf-life.

- 11 Medicaments shall comply with the standard of the WHO issue of the "Certification Scheme on the Quality of Pharmaceutical Products Moving in International Commerce" at the time in question.
- 12 Medical equipment shall be CE-marked. Information about the medical equipment shall be in Danish or English.
- 13 Manufacturers of inflatable liferafts and managers of service stations carrying out inspection and re-packing of rafts may, in writing and on presentation of a permit issued by the Danish Medicines Agency, request the medicaments prescribed for liferafts.
- 14 Concerning ships that require a stretcher, the requirements are prescribed in appendix 3.

Regulation 6 Storage and inspection of medicaments and medical equipment on board

- 1 Only medicaments and medical equipment forming part of the ship's supplies in accordance with the inventory and supplement inventories in force and the supplement types mentioned in regulation 4 shall be on board.
- 2 Medicaments and medical equipment shall be arranged and numbered in accordance with the instructions given in the inventory in force and in the medical book authorised by the Danish Maritime Authority.
- 3 Medicaments and sterile medical equipment shall be kept in the original packing.
- 4 Medicaments and medical equipment shall be stored in a place that is well protected against moisture, extreme cold and heat. The storage requirements stipulated in the user guidelines of the inventories shall be observed.
- 5 Insecticides and antiseptics with corrosive properties may not be stored with medicaments and medical equipment.
- 6 All crewmembers shall at engagement inform the ship master or medical examiner of any prescriptive medicaments that have been brought on board.
- 7 Prescriptive medicaments that are brought along shall be entered in the inventory and on the medical examiner's request be deposited together with the ship's other supply of medicaments.
- 8 Medicaments and medical equipment shall be inspected at least once a year on the master's initiative. The inspection shall be documented, and this documentation shall be dated by the ship master.
- 9 The purpose of the inspection is to supplement the supply of medicaments and medical equipment and to ensure that the durability has not been surpassed and that the equipment or packing is not damaged or corroded.
- 10 If there is any doubt as to the quality of a medicament or piece of equipment, this shall be replaced.

- 11 When receiving medicaments and medical equipment from a pharmacy, the ship master or medical examiner shall check that the supplementation is in order in accordance with the inventory in force, that the medicaments are provided with text according to the instruction in regulation 5(6), that the product's durability complies with the provision, cf. regulation 5(9) and (10), and that the packing is intact and without damage from moisture, cf. regulation 5(8).

Regulation 7 Medical examiners

- 1 The medical examiner shall have at least 24 months of documented sailing time or hold a valid certificate of competence. In fishing vessels with a length below 9 metres, the medical examiner shall meet the requirements for navigating such vessels.
- 2 Persons holding a Danish authorisation as either a nurse or a doctor may serve as medical examiners without having the sailing time or holding the certificate of competence required in paragraph (1) if they have completed one of the supplementary training programmes authorised by the Danish Maritime Authority.

Regulation 8 Radio Medical Denmark

- 1 The doctors at Radio Medical Denmark have the medical responsibility for the treatment given on their initiative.
- 2 In addition to the provisions of the Medical Act, medical advice offered by Radio Medical Denmark shall be in accordance with the guidelines laid down in the Radio Medical Instructions issued by the Danish Maritime Authority, in the medical book authorised by the Danish Maritime Authority and in the guidelines of the inventories.

Regulation 9 Medical treatment

- 1 The medical treatment on board shall be arranged and carried out according to the instructions given in the medical book authorised by the Danish Maritime Authority.
- 2 In the cases described in the medical book authorised by the Danish Maritime Authority and in the medical record, the medical examiner shall, when possible, consult Radio Medical Denmark for medical advice. He/she may refrain from consulting Radio Medical Denmark for medical advice only after having examined the patient.
- 3 The medical examiner shall have the responsibility that Radio Medical records are kept on:
 - .1 Every examination.
 - .2 Every prescription from Radio Medical.
 - .3 Every treatment.
 - .4 Every issue of medicaments.
 - .5 The cases described in the medical book authorised by the Danish Maritime Authority.
- 4 Further information, examinations and treatment shall be supplied after prescriptions from Radio Medical Denmark.

- 5 Medical records and Radio Medical records shall be kept out of reach of others than the shipmaster or medical examiner.
- 6 The patient shall have the right of access to his own medical records and Radio Medical records.
- 7 At discharge, seafarers shall be given their own medical records and Radio Medical records. Passengers shall be given their own records at the end of the voyage.
- 8 After discharge or the end of the voyage respectively, a copy of the medical records and Radio Medical records shall be kept for one year or until the ship is sold, etc., whereafter the documents shall be destroyed.

Regulation 10 The distribution of medicaments

- 1 Medicaments may be distributed only by the ship master or medical examiner.
- 2 Medicaments and equipment may be distributed only to persons on board for whose care and condition of health the master is responsible according to maritime law.
- 3 Before any medicaments are distributed, the special instructions under regulation 9, the instructions of the user guidelines and on the label of the medicament shall be observed.
- 4 If the medicament is not taken immediately after distribution, it should be distributed in a suitable package labelled with its name and the recommended dose.
- 5 Medicaments shall, when possible, not be taken until Radio Medical Denmark has been consulted for medical advice.
- 6 In acute life-threatening situations and the like where it is not possible to consult Radio Medical Denmark immediately, the necessary medication and other treatment should be given after a total assessment of the patient's state. In such cases, the reasons hereof shall be recorded in the logbook or, if such is not kept, in the survey book. The records shall not contain confidential information.

Regulation 11 Training and education

- 1 The shipowner shall ensure that the master and the medical examiner have finished one of the training programmes approved by the Danish Maritime Authority in accordance with the supply of medicaments and medical equipment that shall be carried on board.
- 2 The training programme mentioned in paragraph (1) shall be renewed every fifth year. The training programme shall be renewed at least every other year if the place of engagement is a passenger ship equipped with type C and supplement type P.
- 3 The Danish Maritime Authority shall lay down detailed regulations on supplementary training in accordance with the supply of medicaments and medical equipment carried on board and in consideration of the risks that may occur and in consideration of the special needs of the ship, cf. appendix 2.
- 4 The Danish Maritime Authority shall lay down requirements for equipment, facilities and training of teachers at institutes that educate and train medical examiners as well as the content and extent of the educations.

Regulation 12 Duties

- 1 The shipowner shall ensure that the master and the medical examiner on board have been instructed about and have the possibility of meeting the obligations that rest with them according to this part.
- 2 The master and the person responsible for the medical treatment shall ensure that the ship is provided with medicaments and equipment as prescribed in regulations 2, 3, and 4.
- 3 In cases where the Danish Maritime Authority is responsible for or launches health-promoting or informative campaigns, the shipowner and the master shall ensure that the material published in connection with such campaigns is made easily accessible to the crew.

Regulation 13 Greenland

- 1 This part, with the following deviations, shall apply to Greenland:
 - .1 On board ships registered in Greenland, the following shall be available in Greenlandic:
 - .1 Inventories for types A, B and C mentioned in regulation 2(1)-(6).
 - .2 Supplement type CR mentioned in regulation 4, including waterproof user directions.
 - .3 Supplement type P mentioned in regulation 4.
 - .4 The medical book mentioned in regulation 2 and a set of Radio Medical's medical journals for use on board ships in cases of illness and accidents as well as this part of the regulations.
 - .5 The information about medicaments mentioned in regulation 5(6).
 - .2 Instead of the stipulation in regulation 3(1) and dependent on the trade area and the number of persons on board, ships registered in Greenland shall be provided with the following medicaments and medical equipment:

Inventory A:

Ships used for navigation or fishing more than 200 nautical miles from the Greenland coasts (the base line).

Ships used for navigation or fishing on voyages north of Thule and south of Scoresbysund.

Inventory B:

Ships used for navigation or fishing at a distance of less than 200 nautical miles from the Greenland coasts (the base line) south of Thule and south of Scoresbysund.

Ships used for navigation or fishing in the waters between Island and Greenland (the Denmark Strait).

Passenger ships holding a permit to carry fewer than 100 passengers and engaged on voyages of more than 4 hours' duration. These passenger ships shall also be provided with a first-aid bag. Supplement Inventory P.

Inventory C:

Ships used for navigation or fishing at a distance of less than 30 nautical miles from Greenland coasts (the base line) south of Thule and south of Scoresbysund.

- .3 Instead of what is stipulated in regulation 5(2), medicaments shall be purchased from hospitals appointed by the Greenland Home Rule. Medicaments reserved for pharmacies may also be purchased from pharmacies in the European Union and in the EEC countries.
- .4 The permit to purchase medicaments prescribed for liferafts mentioned in regulation 5(3) shall be requested from the Directorate responsible for Greenland.
- .5 Instead of what is stipulated in regulation 10(5), medicaments that are normally handed out only by a doctor or hospital in Greenland may, when possible, be used only after advice from Radio Medical Denmark or medical expert assistance from the Greenland health system. Medicaments that normally require advice from doctors are listed in the user directions under remarks.
- .6 Instead of what is stipulated in regulation 10(6), the necessary medication may be given according to a concrete assessment of the patient's state in acute, life-threatening situations and the like where it is not possible to get advice from Radio Medical Denmark or medical expert assistance from the Greenland health system. In such cases, the reason for this shall be recorded in the logbook or, if a logbook is not kept, in the survey book.
- .7 The training and education required in regulation 11 shall not apply to ships carrying inventory type C.

Appendix 1 Provisions on mobile resuscitation equipment and oxygen cylinders

- 1.1 The mobile resuscitation equipment consists of an oxygen cylinder fitted with a reduction valve, flow regulator, ventilation bag with an adult mask and associated tubing.
- 1.2 The flow regulator shall, as a minimum, be capable of dosing the amount of oxygen in the interval between 0-1-2-3-6-9-12 and 15 litres of oxygen per minute.
- 1.3 Spare gaskets shall be available for oxygen cylinders with a pin-system.
- 1.4 Furthermore, a tongue depressor and mechanical suction with associated suction catheter and a reservoir shall be available. The suction shall be capable of operating without the use of the oxygen cylinder.
- 1.5 The equipment shall contain clear operating instructions and first-aid instructions in case of heart failure.
- 2 The mobile resuscitation equipment shall be assembled and ready for use in an easily portable object.

- 3 The oxygen in the ship's medicine chest is medical oxygen. When a specific amount of oxygen is stipulated in the inventory for the medicine chest – such as 4 litres in a B chest - this means 4 litres of oxygen below a pressure of at least 200 bar, corresponding to 800 litres “oxygen for use”.
- 4 The oxygen cylinders of the mobile resuscitation equipment shall be able to contain between 2 and 4 litres. At a pressure of 200 bar, this is equal to the following content at atmospheric pressure:
2 litre cylinder $2 \times 200 = 400$ litres
4 litre cylinder $4 \times 200 = 800$ litres
- 5 The oxygen in the mobile resuscitation equipment shall be divided in 2 cylinders of 2-4 litres. One shall be placed with the resuscitation equipment ready for use.
- 6 The mobile resuscitation equipment shall be tested and subjected to inspection at least every 3 months. The inspection shall be documented and certified by the master.
- 7 Oxygen cylinders shall be pressure-tested every tenth year.

Appendix 2 Educational requirements

The ship's approved trade area	Types	Training certificate Types	Supplementary training
Trade on all seas	A	A	Entry to supplementary training type A requires training certificate type A which shall be repeated every 5 years at the latest, cf. the rules in force from the Danish Maritime Authority
Up to 150 nautical miles (up to 175 nautical miles by helicopter coverage from the coasts of the EU)	B	A or B	Entry to supplementary training for medicine chest type B requires training certificate A or B which shall be repeated every 5 years at the latest, cf. the rules in force from the Danish Maritime Authority
Up to 20 nautical miles from the coast	C	A, B or C	Entry to supplementary training for medicine chest type C requires training certificate type A, B or C which shall be repeated every 5 years, cf. the rules in force from the Danish Maritime Authority

Ferries and Passenger ships

The ship's approved trade area	Type and supplement type	Supplementary training
Up to 20 nautical miles from the coast and with more than 100 passengers and engaged on voyages of more than 30 minutes' duration	C + P	<p>Entry to supplementary training for medicine chest type C + P requires training certificate type A, B or C</p> <p>Shall be repeated every 2 years, cf. the rules in force from the Danish Maritime Authority</p>

Appendix 3 Lifting stretcher

- 1 On board ships where a stretcher is required, there shall be a spinal board and a suitable lifting stretcher for transport of the spinal board.
- 2 The spinal board shall have the following specifications:
 - .1 Measurements:
 - Useful length: minimum 1830 mm and maximum 1980 mm
 - Width: minimum 400 mm and maximum 500 mm
 - Depth: maximum 70 mm (folded)
 - .2 Own weight:
 - The spinal board's own weight shall be as low as possible and maximum 8 kg.
 - .3 Carrying capacity:
 - The carrying capacity shall be minimum 150 kg.
 - .4 Construction:
 - The spinal board shall be a robust lightweight construction with at least 3 handles on each long side and at least 1 handle on the foot and the head of the spinal board.
 - The handles shall be easy to reach and provide a secure hold when lifting, lowering and carrying the spinal board.
 - .5 The surface of the spinal board:
 - The surface of the spinal board shall be designed to hinder fluid penetration and to provide maximum support for the head, back, neck and stomach. The material shall be easy to clean, washable and contain mineral oil. It shall be able to stand temperatures of +70°C to -30 °C.
 - .6 Fastening device:
 - There shall be at least 4 quick-release means of securing the patient.

- .7 Flammability – toxic burning gas:
There shall not be smouldering or ignition by flame during an exercise in accordance with EN 1021-1.
 - .8 Deformation of the spinal board:
The spinal board shall not be severely bent or break during a test in accordance with EN 1865:2 000, chapter 5.7.1.
 - .9 Torsion:
The spinal board shall not be severely bent during a test in accordance with EN 1865:2000, chapter.5.7.2.
- 3 Requirements for suitable lifting stretcher for transport of the spinal board:
- .1 The stretcher shall be equipped with at least 3 handles on each long side and at least 1 handle on the foot and the head of the stretcher.
 - .2 The handles shall be easy to reach and provide a secure hold when lifting, lowering and carrying the stretcher.
 - .3 The surface of the stretcher shall be designed to hinder fluid penetration. The material shall be easy to clean, washable and contain mineral oil. It shall be able to stand temperatures of +70 °C to -30 °C.
 - .4 The stretcher shall be equipped with harness for horizontal and vertical lift.
 - .5 There shall be at least 4 quick-release means of securing the patient.
 - .6 Foot rest for support during vertical lift.
 - .7 The stretcher's own weight shall be as low as possible.
 - .8 The carrying capacity shall be minimum 150 kg.

Appendix 4 Medicine and medical equipment for MOB-boats:

Supplement type M

- 1 According to provisions of SOLAS, the LSA Code, chapter III, certain large ships shall carry a Man-Overboard-Boat (MOB boat). These boats shall be equipped with first-aid equipment with a relatively limited content as part of the ship's complete equipment.
- 2 The contents shall, as minimum, be as follows:
 - 2 Pressure dressings, approximately 8 cm
 - 2 Absorbing dressings, approximately 20 x 30 cm
 - 2 Unsterile elastic gauze bandages, approximately 4 cm x 4 m
 - 2 triangle scarves (Mitella)
 - 1 pair of solid clothing scissors
 - 2 Unsterile disposable gloves, X-large
 - 1 Pocket mask
- 3 The medical equipment shall be packed in a suitable and waterproof container/bag which is labelled with an expiration date.

- 4 The medical equipment shall be tested and inspected at least once a year. The inspection shall be documented and the documentation shall be available to the Danish Maritime Authority.
- 5 The Danish Maritime Authority will accept one of the market's first-aid boxes or a box packed by the crew of the ship if the contents correspond with the above.

Appendix 5 Protection and first-aid equipment on board ships with a risk of contamination with war gas: Supplement type G:

1 Areas included in supplement, cf. regulation 44

Area A

Restricted by:

Meridians 18° 30' east and 20° 00' east, and latitudes 55° 50' north and 56° 40' north.

Area B

Restricted by:

Meridians 14° 30' east and 16° 30' east, and latitudes 54° 50' north and 55° 30' north.

Area C

Limited by:

Meridians 10° 00' east and 10° 20' east, and latitudes 54° 45' north and 54° 52' north.

2 Protective equipment and first-aid equipment

2.1 Ships mentioned in regulation 4(4) shall carry the following protective equipment for every 3 crew member:

.1 One full mask which complies with the European standard EN 136: class 3 with attached filters. The filter shall comply with the European standard EN 141: The filters shall be classified A2B2E2K2-P3.

2.2 One pair of butyl rubber gloves that are at least 36 cm long for each crew member. The width of the gloves shall be between 0.30 – 0.50 mm

2.3 First-aid equipment which consist of:

One pack of tongue spatulas

Liquid soap, 0.5 litres

100 Disposable sponges

The instructions: "First-aid in case of war gasses"

Additional first-aid equipment in area C

3 When ships mentioned in regulation 4(4) are in area C, the first-aid equipment shall also contain the following for every 3 crew members: 10 injection syringes with fixed needles (auto injector) containing injection fluid the equivalent of 2.0 mg atropine sulphate and 220 mg obidoxim chloride per syringe. The injection syringes shall be labelled with an instruction.

4 Storage of the equipment:

Respirator and filter shall be stored in a suitable container, and the first-aid equipment shall be stored in a box labelled "gas first-aid equipment". The complete equipment shall be stored somewhere on the ship that is easily accessible and offers some protection from moisture, cold and heat.

5 The duties of the master

It is the responsibility of the master that the equipment is labelled with expiration dates at the time of purchase, and that the equipment is replaced no later than on the expiration dates.

Appendix 6 Supplement for medicaments and medical equipment for the coast rescue vessels of the Danish Maritime Safety Administration: Supplement type F

1 The coast rescue vessels of the Danish Maritime Safety Administration which are equipped with medicaments and medical equipment in accordance with type C shall also have the following supplies:

1 Mobile resuscitation equipment in accordance with the regulations on mobile resuscitation equipment and oxygen cylinders in force of the Danish Maritime Authority, cf. appendix 1.

2 Inter-surgical masks, model no. 1115.

1 Tongue depressor, size 2.

1 Tongue depressor, size 3.

1 Tongue depressor, size 4.

1 pair of solid clothing scissors.

1 Inflatable splint, senior, the entire leg.

1 Inflatable splint, senior, the entire arm.

1 stiff neck collar which can be set in different positions.

4 hypothermia blankets.