

Grand-Ducal Regulation of 22 June 2000

Implementing the Law of 29 April 2000 transposing Council Directive 92/29/EEC of 31 March 1992 on minimum safety and health requirements to improve medical treatment on board vessels.

Consolidated version applicable on 14 Aug 2022 (unofficial English translation)

This document is an unofficial translation prepared for convenience. The consolidated text has documentary value only and does not have legal value.

List of amending instruments incorporated in the consolidation

- Grand-Ducal Regulation of 15 January 2022 amending the Grand-Ducal Regulation of 22 June 2000.
- Grand-Ducal Regulation of 4 August 2022 amending the Grand-Ducal Regulation of 22 June 2000.

Article 1 - Categories of vessels

Vessels are classified into three categories:

- A. Vessel engaged in maritime navigation or sea fishing, without limitation of sea areas.
- B. Vessel engaged in maritime navigation or sea fishing within sea areas limited to less than 150 nautical miles from the nearest adequately medically-equipped port.
- C. Vessel engaged in port navigation; boats and craft remaining very close to the coast or having no accommodation other than a wheelhouse.

Article 2 - Medical supplies (non-exhaustive list)

(1) In accordance with Article 2(1)(a) of the Law of 29 April 2000, every vessel must permanently have on board medicines and medical equipment at least qualitatively compliant with those listed in Annexes 1 and 2 to this regulation.

In accordance with Article 3 of the same Law of 29 April 2000, the vessels defined therein must also permanently have on board, as part of their medical supplies, the antidotes listed in Annex 3 to this regulation.

(2) Use of the medical supplies must comply with the summaries of product characteristics and the instructions for use.

For the purpose of adjusting quantities, pursuant to Article 2(1)(b) of the Law of 29 April 2000, the quantities set out in Annexes 1 to 3 are established for a complement of thirty workers. For Category A and B vessels, the quantities are set for a voyage duration limited to three months, without limitation of destination.

When a vessel carries dangerous goods as defined in Article 3, the medical supplies must be supplemented with the corresponding antidotes indicated in the "Medical First Aid Guide for Use in Accidents Involving Dangerous Goods" published by the International Maritime Organization.

(3) In application of Article 2(2)(a) of the Law of 29 April 2000, liferafts and rescue craft must have a watertight first-aid box containing two first-aid kits with medical supplies at least qualitatively compliant with Annex 4.

For the purpose of adjusting quantities, the quantities in Annex 4 for the first-aid kit are established for up to seventy-five workers per liferaft or rescue craft.

(4) In exceptional circumstances that must be duly justified to the Commissioner for Maritime Affairs, the medical supplies provided for in Annexes 1 to 4 may be replaced by products considered equivalent, based on a check carried out by a physician or a pharmacist.

Article 3 - Dangerous substances

The substances listed below must be taken into account regardless of the state in which they are embarked, including as waste or cargo residues:

- Explosive substances and articles;
- Compressed, liquefied or dissolved gases under pressure;
- Flammable liquids;
- Flammable solids;
- Substances liable to spontaneous combustion;
- Substances which, in contact with water, emit flammable gases;
- Oxidizing substances;
- Organic peroxides;

- Toxic substances;
- Infectious substances;
- Radioactive substances;
- Corrosive substances;
- Miscellaneous dangerous substances, i.e., any other substances which experience has shown, or may show, to be dangerous such that the provisions of this Article should be applied to them.

Note: For detailed application of this Article, reference may be made to the International Maritime Dangerous Goods (IMDG) Code of the IMO (consolidated edition 1990). Any adaptation of this Article may in particular take account of updates to the IMDG Code.

Article 4 - General framework for checking vessels' medical supplies

The contents of the medical supplies are recorded on a control document that meets at least the general framework set out in Annex 5.

Article 5 - Medical training of the captain and designated workers

The captain or the captain's delegate must have received adequate training, to be periodically updated, and covering at least the following general orientations:

- 1 Acquisition of basic knowledge in physiology, symptomatology and therapeutics.
- 2 Acquisition of elements of health prevention, in particular regarding individual and collective hygiene, and elements relating to possible prophylactic measures.
- 3 Acquisition of practical know-how concerning essential therapeutic actions and the arrangements for medical evacuation. For those responsible for care on Category A vessels, practical training should, if possible, take place in a hospital environment.
- 4 Acquisition of good knowledge of how to use remote medical consultation resources.

The medical training must take into account the programs defined by recent internationally recognized instruments.

The captain and competent medical personnel on board and ashore use the medical report model included in the International Medical Guide for Ships established by the World Health Organization, or any other equivalent report model intended for the captain or seafarers. This report is confidential and used exclusively to facilitate treatment of seafarers.

Article 6 - Publication

Our Minister for Transport and Our Minister for Health are each responsible, within their remit, for implementation of this regulation, which will be published in the Mémorial.

Annex 1 - MEDICINES (non-exhaustive list)

Article 2(1), first paragraph - Ship categories A / B / C

ATC code	Medicine (dosage form)	Cat. A	Cat. B	Cat. C
1. CARDIOVASCULAR				
C01CA24	Epinephrine 0.1% ampoules	30	30	-
C01DA02	Nitroglycerin 0.3 mg spray	1	1	1
C03CA01	Furosemide 40 mg tablets	60	60	-
B02AA02	Tranexamic acid 500 mg tablets (incl. uterotonic if a woman is on board)	28	14	-
C08CA01	Amlodipine 5 mg tablets	60	60	-
C01BD01	Amiodarone 200 mg tablets (arrhythmias)	10	10	-
2. MEDICINES ACTING ON THE GASTROINTESTINAL SYSTEM				
A02BC01	Omeprazole 20 mg tablets	120	60	-
A02AD01	Combination of aluminum, calcium and magnesium salts, tablets	100	50	-
A03FA01	Metoclopramide 10 mg tablets	100	50	-
A06AD15	Macrogol 4 g sachets	20	10	-
N07AA02	Pyridostigmine 10 mg tablets	100	50	-
A07DA03	Racecadotril 100 mg tablets	300	150	-
A07BA01	Activated charcoal 300 mg tablets	300	100	10
C05AD03	Hemorrhoid treatment: local anesthetic (e.g., benzocaine) with or without corticosteroid (e.g., prednisolone), ointment	2	2	-
3. ANALGESICS AND ANTISPASMODICS				
N02BE01	Paracetamol 1 g tablets	200	150	8
M01AE01	Ibuprofen 400 mg tablets	200	100	6
N02AX02	Tramadol 50 mg tablets	100	50	-
N02AA01	Morphine 10 mg ampoules	16	10	-
A03BB01	Butylscopolamine 10 mg tablets	90	90	-
M03BX01	Baclofen 10 mg tablets	50	50	-
4. MEDICINES FOR THE NERVOUS SYSTEM				
N05BA01	Diazepam 10 mg tablets	50	25	-
N05BA01	Diazepam 10 mg ampoules	6	6	-
N05AF05	Zuclopenthixol 50 mg ampoules	4	2	-
A04AD01	Scopolamine 1 mg patches	60	30	6
N05BA01	Valproate 300 mg tablets	10	10	-
5. ANTI-ALLERGY AND ANTI-ANAPHYLAXIS				
R06AE07	Cetirizine 10 mg tablets	60	30	-
H02AB04	Methylprednisolone 16 mg tablets	20	20	-
6. RESPIRATORY SYSTEM				
R03AC02	Salbutamol 100 mcg aerosol	5	2	-
R05CB01	Acetylcysteine 600 mg tablets (mucolytic)	30	20	-
R01AA05	Oxymetazoline 0.05% nasal spray	10	5	-
7. ANTI-INFECTIVES				
J01CR02	Amoxicillin 875 mg + beta-lactamase inhibitor 125 mg tablets	60	30	-
J01XX01	Fosfomycin 3 g sachets	10	5	-
J01MA02	Ciprofloxacin 500 mg tablets	60	30	-
P02CA01	Mebendazole 100 mg tablets	90	45	-
J01XD01	Metronidazole 250 mg tablets	80	40	-
J07AM	Tetanus vaccine	5	3	-
J06BB02	Tetanus immunoglobulin solution for injection 250 IU/ml	3	1	-
P01BF01	Artemether + lumefantrine 20 mg/120 mg tablets (if travelling to malaria-endemic area)	100	60	-
J05AR01	Zidovudine 300 mg + lamivudine 150 mg tablets	8	8	-
8. ORAL REHYDRATION / CALORIC INTAKE / VOLUME EXPANSION				

ATC code	Medicine (dosage form)	Cat. A	Cat. B	Cat. C
B05BB01	Sodium chloride 0.9% 1 L	10	5	-
9. TOPICAL / EXTERNAL-USE MEDICINES				
D08AC02	Chlorhexidine solution (L)	1	1	0.2
D08AG02	Povidone-iodine solution (L)	1	1	0.2
D06AX01	Fusidic acid 2% ointment	4	2	-
M02AA15	Diclofenac 2% gel	4	2	-
D01AC02	Miconazole 2% cream	2	2	-
D06BA01	Silver sulfadiazine 1% cream (burns)	5	5	2
S01BC03	Diclofenac 1 mg eye drops	3	2	-
S01BA01	Dexamethasone 1 mg eye drops	2	1	-
S01AA12	Tobramycin 3 mg/ml eye drops (antibiotic)	4	2	-
S01HA02	Oxybuprocaine 0.4% eye drops (anesthetic)	1	1	-
-	Saline eye irrigation solution NaCl 0.9% (L)	1	1	0.2
S01EB01	Pilocarpine 2% eye drops (miotic, hypotensive)	1	1	-
S02CA06	Otic solution: dexamethasone + neomycin + polymyxin	1	1	-
A01AB03	Antiseptic mouth/throat rinse: chlorhexidine 0.2% solution	2	2	-
N01BX01	Ethyl chloride spray (local anesthesia by cooling)	1	-	-
N01BB02	Lidocaine 1% injectable solution (subcutaneous)	2	2	-

Annex 2 - MEDICAL EQUIPMENT (non-exhaustive list)

Article 2(1), first paragraph - Ship categories A / B / C

Medical equipment (non-exhaustive)	Cat. A	Cat. B	Cat. C
1. RESUSCITATION EQUIPMENT			
Automated external defibrillator (AED) within the meaning of the Grand-Ducal Regulation of 19 Nov 2008 on AED use	3	2	1
Ambu bag (or equivalent) with masks (large/medium/small); manual bag for oxygen administration	1	1	-
Oxygen therapy device including:			
a) Oxygen case containing a medical oxygen cylinder adjustable for 90 min at 15 L/min (1350 L at atmospheric pressure) per cylinder	2	1	-
b) Pressure reducer	1	1	-
c) Flow regulator delivering at least 4 L/min	1	1	-
d) Shatterproof humidifier connected to cylinders	1	1	-
e) Set of connectors	1	1	-
f) Adjustable single-use plastic mask	5	5	-
Mechanical suction device to clear upper airways (mechanical pump)	1	1	-
2. DRESSINGS AND SUTURING MATERIAL			
Tourniquets	3	2	1
Single-use skin stapler for sutures, or suture kit with needles			
a) Metal staples	40	40	20
b) Sterilizable applicator	2	2	1
Self-adhesive elastic bandage			
a) Adhesive elastic bandages, roll	2	1	1
b) Velpeau bandages, roll	4	2	2
Gauze dressing bandages			
a) Gauze bandages, roll	12	6	-
b) Gauze rolls (approx. 5 cm x 4.6 m)	10	5	2
Tubular gauze bandage for finger dressing (5 m) with applicator	2	-	-
Sterile eye pads (4.69 cm x 6.98 cm)	10	10	10
Sterile gauze compresses	100	50	25
Sterile abdominal dressings (15.2 cm x 20.3 cm)	10	5	2
Sterile burn sheet	6	2	-
Triangular bandage			
a) Triangular slings	4	3	-
b) Safety pins, stainless steel	12	12	12
Single-use gloves			
a) Examination gloves (pairs)	300	200	100
b) Surgical gloves, sterile (pairs)	36	24	12
Adhesive dressings			
a) Prepared adhesive dressings, roll (m)	5	3	1
b) Adhesive strips (approx. 7.5 cm x 2.2 cm), individually wrapped	50	25	10
Sterile pressure dressings			
a) White triangular muslin dressings, folded and compressed (91 cm x 96.5 cm x 137 cm)	10	5	2
b) Pressure dressings 10 cm x 10 cm with 90 cm gauze ties	10	5	2
Adhesive sutures or zinc-oxide tape strips	30	20	10
Non-absorbable sutures with needle			
a) Non-absorbable sutures with needle 3 x 40 mm	10	5	-
b) Plain catgut, min. 75 cm, with semi-circular needle, 00, sterile	2	-	-
Paraffin gauze dressings	50	40	30
Sterile ophthalmic compresses	20	10	-
Waterproof adhesive tape roll 2.5 cm x 4.5 m	1	1	1
Body bags	2	2	-

Medical equipment (non-exhaustive)	Cat. A	Cat. B	Cat. C
3. INSTRUMENTS			
Single-use scalpels	20	-	-
Instrument box made of suitable material	1	1	-
Scissors			
a) Suture scissors	1	1	-
b) Dressing scissors	1	1	1
c) Bandage scissors, stainless steel	1	1	1
Dissecting forceps			
a) Forceps without teeth	1	1	-
b) Splinter forceps (Stieglitz or Feilchenfeld type)	1	1	-
Hemostatic forceps	2	2	1
Needle holders	1	1	-
Sterilizer	1	-	-
Nail brush	1	1	-
Ophthalmic magnet	1	1	-
Dental speculum	1	-	-
Dental probe	1	-	-
Modeling instrument	1	-	-
Filling tweezers	1	-	-
Single-use razors	1	-	-
4. EXAMINATION AND MEDICAL MONITORING EQUIPMENT			
Single-use tongue depressors	100	50	-
Urine test strips (per pack) for:			
a) Proteins	1	-	-
b) Glucose	1	-	-
c) Blood	1	-	-
d) Ketones (acetone)	1	-	-
e) Fluorescein strips or drops	100	50	-
Temperature charts	30	10	-
Medical evacuation record forms	20	5	-
Stethoscope	1	1	-
Blood pressure monitor	1	1	-
Clinical thermometer	2	2	-
Hypothermia thermometer	1	1	-
Medical guide: practical emergency first-aid guide	1	1	1
Controlled medicines register: checklist + waterproof instruction sheet (French and English)	1	1	1
Rigid watertight case	-	-	1
Rapid malaria diagnostic test (if travelling to malaria-endemic area)	20	10	-
5. INJECTION / INFUSION / PUNCTURE / CATHETERIZATION EQUIPMENT			
Equipment to drain the bladder (suitable for men and women)	1	-	-
Intravenous infusion kit	10	5	-
Single-use syringes and needles			
a) 2 ml	40	20	-
b) 5 ml	100	50	-
c) Needles for intravenous treatment	10	5	-
Extraocular eye wash solution in shatterproof bottle with medicine ID number and expiry date (120 ml)	1	1	1
Eye cup for eyewash, shatterproof plastic	1	1	-
6. GENERAL MEDICAL EQUIPMENT			
Personal protective equipment for nursing/medical care	50	25	-
Bedpan	1	-	-
Rubber sheet	1	-	-
Emergency blankets or bags	6	3	1

Medical equipment (non-exhaustive)	Cat. A	Cat. B	Cat. C
Hot-water bottle	2	1	-
Urinal	1	1	-
Ice bag			
a) Ice bag for ice cubes	2	1	-
b) Kidney dish	2	1	-
c) Splint 9.5 cm x 60 cm	1	1	1
7. IMMOBILIZATION AND RESTRAINT EQUIPMENT			
Set of splints of different sizes for different limbs			
a) Malleable finger splint, aluminum	5	3	-
b) Malleable forearm/hand splint, standard; set = 4	1	1	-
c) Inflatable splint; set = 4	1	1	-
d) Thigh splints	1	1	-
Cervical collar for neck immobilization	1	1	-
Rigid evacuation/immobilization board	1	1	1
Single-use head immobilizer for rigid board	6	3	1
8. DISINFECTION / PEST CONTROL / PROTECTION			
Compound for disinfecting water: sodium tosylochloramide 350 g powder	1	1	-
Liquid insecticide 10 L with sprayer (5 L capacity)	1	-	-
Insecticide powder 110 g	1	1	-

Annex 3 - ANTIDOTES (non-exhaustive list)

Article 2(1), second paragraph

Antidote (non-exhaustive)	Ships per Law Art. 3(1) & 3(2) first paragraph	Ships per Law Art. 3(2) second paragraph
GENERAL		
Atropine sulfate 0.5 mg/ml, ampoules	2	-
Hydroxocobalamin 5 g dry substance, vials without solvent (to dissolve with 200 ml of NaCl 0.9% or glucose 5%)	2	-
CARDIOVASCULAR		
Cholestyramine 4 g sachets	3	-
GASTROINTESTINAL SYSTEM		
Activated charcoal, g	90	9
Simethicone, box	1	1
Baclofen 10 mg tablets	50	-
Fomepizole 5 mg/ml, 20 ml ampoules (concentrate)	2	-
N-acetylcysteine, g	130	-
NERVOUS SYSTEM		
Flumazenil 0.1 mg/ml, 5 ml ampoules	5	-
Biperiden 2 mg oral tablets	20	4
Sodium bicarbonate mmol/ml (8.4%), 100 ml vial	1	-
Naloxone 0.4 mg/ml, 1 ml ampoules	5	-
RESPIRATORY SYSTEM		
Medical oxygen 1.35 L cylinder	1	-
ANTI-INFECTIVES		
Equine heptavalent botulinum antitoxin	1	-
EXTERNAL USE		
Calcium gluconate 2.5% gel, g	300	-

Annex 4 - Medical supplies for liferafts and rescue craft (non-exhaustive list)

Article 2(3)

In application of Article 2(3), the medical supplies for liferafts and rescue craft are distributed into two first-aid kits.

The first kit is permanently kept on board the liferafts and rescue craft. It contains:

- 1 Adhesive dressings 7.5 cm x 2.2 cm, individually wrapped (16)
- 2 Tourniquets (2)
- 3 Gauze rolls 5 cm x 4.6 m (2)
- 4 Pressure dressings 10 cm x 10 cm with 90 cm gauze ties (4)
- 5 Sterile abdominal dressings 15.2 cm x 20.3 cm (2)
- 6 White triangular muslin dressings, folded and compressed, 91 cm x 96.5 cm x 137 cm (2)
- 7 Sterile eye pads 4.69 cm x 6.98 cm (10)
- 8 Saline solution in shatterproof bottle, 200 ml (1)
- 9 Eye cup for eyewash, shatterproof plastic (1)
- 10 Eye pads / ocular tampons (10)
- 11 Splint 9.5 cm x 60 cm (1)
- 12 Povidone-iodine solution, 120 ml (1)
- 13 Copy of a practical emergency first-aid guide (1)
- 14 Checklist and a waterproof instruction sheet, in French and English (1)
- 15 Safety pins (6)
- 16 Bandage scissors, stainless steel (1)
- 17 Waterproof adhesive tape roll 2.5 cm x 4.5 m (1)
- 18 Resuscitation mask (1)
- 19 Pairs of examination gloves (box of 100 units): 2 boxes

The second kit is placed as close as possible to each liferaft or rescue craft and is kept at room temperature, in a dry place and protected from light. It contains:

- 1 Antianginal: glyceryl trinitrate 0.4 mg spray (1)
- 2 Antidiarrheal: activated charcoal 200 mg tablets (12)
- 3 Analgesic/antipyretic: paracetamol 1 g tablets (48)
- 4 Antiemetic: metoclopramide 10 mg tablets (18)
- 5 Topical antiseptic solution: povidone-iodine, 240 ml bottle (1)
- 6 Burn treatment preparation: Biafine emulsion 93 g tube (2)
- 7 Saline eye irrigation solution 0.9% (single-dose units), total volume 200 ml (1)

Annex 5 - General framework for checking vessels' medical supplies

Article 4

This annex provides a template control document to record required quantities, quantities actually on board, and remarks (including expiry dates).

Section 1 - Vessels of Category A

I. Vessel identification

Name: _____ Flag: _____ Home port: _____

II. Medical supplies control sheet

Medicines

Item	Required quantity	Quantity on board	Remarks (e.g., expiry date)
1. CARDIOVASCULAR			
C01CA24 - Epinephrine 0.1% ampoules			
C01DA02 - Nitroglycerin 0.3 mg spray			
C03CA01 - Furosemide 40 mg tablets			
B02AA02 - Tranexamic acid 500 mg tablets (incl. uterotonic if a woman is on board)			
C08CA01 - Amlodipine 5 mg tablets			
C01BD01 - Amiodarone 200 mg tablets (arrhythmias)			
2. MEDICINES ACTING ON THE GASTROINTESTINAL SYSTEM			
A02BC01 - Omeprazole 20 mg tablets			
A02AD01 - Combination of aluminum, calcium and magnesium salts, tablets			
A03FA01 - Metoclopramide 10 mg tablets			
A06AD15 - Macrogol 4 g sachets			
N07AA02 - Pyridostigmine 10 mg tablets			
A07DA03 - Racecadotril 100 mg tablets			
A07BA01 - Activated charcoal 300 mg tablets			
C05AD03 - Hemorrhoid treatment: local anesthetic (e.g., benzocaine) with or without corticosteroid (e.g., prednisolone), ointment			
3. ANALGESICS AND ANTISPASMODICS			
N02BE01 - Paracetamol 1 g tablets			
M01AE01 - Ibuprofen 400 mg tablets			
N02AX02 - Tramadol 50 mg tablets			
N02AA01 - Morphine 10 mg ampoules			
A03BB01 - Butylscopolamine 10 mg tablets			
M03BX01 - Baclofen 10 mg tablets			
4. MEDICINES FOR THE NERVOUS SYSTEM			
N05BA01 - Diazepam 10 mg tablets			
N05BA01 - Diazepam 10 mg ampoules			
N05AF05 - Zuclopenthixol 50 mg ampoules			
A04AD01 - Scopolamine 1 mg patches			
N05BA01 - Valproate 300 mg tablets			
5. ANTI-ALLERGY AND ANTI-ANAPHYLAXIS			
R06AE07 - Cetirizine 10 mg tablets			
H02AB04 - Methylprednisolone 16 mg tablets			
6. RESPIRATORY SYSTEM			
R03AC02 - Salbutamol 100 mcg aerosol			
R05CB01 - Acetylcysteine 600 mg tablets (mucolytic)			
R01AA05 - Oxymetazoline 0.05% nasal spray			
7. ANTI-INFECTIVES			
J01CR02 - Amoxicillin 875 mg + beta-lactamase inhibitor 125 mg tablets			
J01XX01 - Fosfomycin 3 g sachets			
J01MA02 - Ciprofloxacin 500 mg tablets			
P02CA01 - Mebendazole 100 mg tablets			
J01XD01 - Metronidazole 250 mg tablets			
J07AM - Tetanus vaccine			

Item	Required quantity	Quantity on board	Remarks (e.g., expiry date)
J06BB02 - Tetanus immunoglobulin solution for injection 250 IU/ml			
P01BF01 - Artemether + lumefantrine 20 mg/120 mg tablets (if travelling to malaria-endemic area)			
J05AR01 - Zidovudine 300 mg + lamivudine 150 mg tablets			
8. ORAL REHYDRATION / CALORIC INTAKE / VOLUME EXPANSION			
B05BB01 - Sodium chloride 0.9% 1 L			
9. TOPICAL / EXTERNAL-USE MEDICINES			
D08AC02 - Chlorhexidine solution (L)			
D08AG02 - Povidone-iodine solution (L)			
D06AX01 - Fusidic acid 2% ointment			
M02AA15 - Diclofenac 2% gel			
D01AC02 - Miconazole 2% cream			
D06BA01 - Silver sulfadiazine 1% cream (burns)			
S01BC03 - Diclofenac 1 mg eye drops			
S01BA01 - Dexamethasone 1 mg eye drops			
S01AA12 - Tobramycin 3 mg/ml eye drops (antibiotic)			
S01HA02 - Oxybuprocaine 0.4% eye drops (anesthetic)			
- - Saline eye irrigation solution NaCl 0.9% (L)			
S01EB01 - Pilocarpine 2% eye drops (miotic, hypotensive)			
S02CA06 - Otic solution: dexamethasone + neomycin + polymyxin			
A01AB03 - Antiseptic mouth/throat rinse: chlorhexidine 0.2% solution			
N01BX01 - Ethyl chloride spray (local anesthesia by cooling)			
N01BB02 - Lidocaine 1% injectable solution (subcutaneous)			

Medical equipment

Item	Required quantity	Quantity on board	Remarks (e.g., expiry date)
1. RESUSCITATION EQUIPMENT			
Automated external defibrillator (AED) within the meaning of the Grand-Ducal Regulation of 19 Nov 2008 on AED use			
Ambu bag (or equivalent) with masks (large/medium/small); manual bag for oxygen administration			
Oxygen therapy device including:			
a) Oxygen case containing a medical oxygen cylinder adjustable for 90 min at 15 L/min (1350 L at atmospheric pressure) per cylinder			
b) Pressure reducer			
c) Flow regulator delivering at least 4 L/min			
d) Shatterproof humidifier connected to cylinders			
e) Set of connectors			
f) Adjustable single-use plastic mask			
Mechanical suction device to clear upper airways (mechanical pump)			
2. DRESSINGS AND SUTURING MATERIAL			
Tourniquets			
Single-use skin stapler for sutures, or suture kit with needles			
a) Metal staples			
b) Sterilizable applicator			
Self-adhesive elastic bandage			
a) Adhesive elastic bandages, roll			
b) Velpeau bandages, roll			
Gauze dressing bandages			
a) Gauze bandages, roll			
b) Gauze rolls (approx. 5 cm x 4.6 m)			
Tubular gauze bandage for finger dressing (5 m) with applicator			
Sterile eye pads (4.69 cm x 6.98 cm)			
Sterile gauze compresses			
Sterile abdominal dressings (15.2 cm x 20.3 cm)			
Sterile burn sheet			
Triangular bandage			
a) Triangular slings			
b) Safety pins, stainless steel			
Single-use gloves			
a) Examination gloves (pairs)			

Item	Required quantity	Quantity on board	Remarks (e.g., expiry date)
b) Surgical gloves, sterile (pairs)			
Adhesive dressings			
a) Prepared adhesive dressings, roll (m)			
b) Adhesive strips (approx. 7.5 cm x 2.2 cm), individually wrapped			
Sterile pressure dressings			
a) White triangular muslin dressings, folded and compressed (91 cm x 96.5 cm x 137 cm)			
b) Pressure dressings 10 cm x 10 cm with 90 cm gauze ties			
Adhesive sutures or zinc-oxide tape strips			
Non-absorbable sutures with needle			
a) Non-absorbable sutures with needle 3 x 40 mm			
b) Plain catgut, min. 75 cm, with semi-circular needle, 00, sterile			
Paraffin gauze dressings			
Sterile ophthalmic compresses			
Waterproof adhesive tape roll 2.5 cm x 4.5 m			
Body bags			
3. INSTRUMENTS			
Single-use scalpels			
Instrument box made of suitable material			
Scissors			
a) Suture scissors			
b) Dressing scissors			
c) Bandage scissors, stainless steel			
Dissecting forceps			
a) Forceps without teeth			
b) Splinter forceps (Stieglitz or Feilchenfeld type)			
Hemostatic forceps			
Needle holders			
Sterilizer			
Nail brush			
Ophthalmic magnet			
Dental speculum			
Dental probe			
Modeling instrument			
Filling tweezers			
Single-use razors			
4. EXAMINATION AND MEDICAL MONITORING EQUIPMENT			
Single-use tongue depressors			
Urine test strips (per pack) for:			
a) Proteins			
b) Glucose			
c) Blood			
d) Ketones (acetone)			
e) Fluorescein strips or drops			
Temperature charts			
Medical evacuation record forms			
Stethoscope			
Blood pressure monitor			
Clinical thermometer			
Hypothermia thermometer			
Medical guide: practical emergency first-aid guide			
Controlled medicines register: checklist + waterproof instruction sheet (French and English)			
Rigid watertight case			
Rapid malaria diagnostic test (if travelling to malaria-endemic area)			
5. INJECTION / INFUSION / PUNCTURE / CATHETERIZATION EQUIPMENT			
Equipment to drain the bladder (suitable for men and women)			
Intravenous infusion kit			
Single-use syringes and needles			
a) 2 ml			
b) 5 ml			
c) Needles for intravenous treatment			

Item	Required quantity	Quantity on board	Remarks (e.g., expiry date)
Extraocular eye wash solution in shatterproof bottle with medicine ID number and expiry date (120 ml)			
Eye cup for eyewash, shatterproof plastic			
6. GENERAL MEDICAL EQUIPMENT			
Personal protective equipment for nursing/medical care			
Bedpan			
Rubber sheet			
Emergency blankets or bags			
Hot-water bottle			
Urinal			
Ice bag			
a) Ice bag for ice cubes			
b) Kidney dish			
c) Splint 9.5 cm x 60 cm			
7. IMMOBILIZATION AND RESTRAINT EQUIPMENT			
Set of splints of different sizes for different limbs			
a) Malleable finger splint, aluminum			
b) Malleable forearm/hand splint, standard; set = 4			
c) Inflatable splint; set = 4			
d) Thigh splints			
Cervical collar for neck immobilization			
Rigid evacuation/immobilization board			
Single-use head immobilizer for rigid board			
8. DISINFECTION / PEST CONTROL / PROTECTION			
Compound for disinfecting water: sodium tosylochloramide 350 g powder			
Liquid insecticide 10 L with sprayer (5 L capacity)			
Insecticide powder 110 g			

Antidotes

Item	Required quantity	Quantity on board	Remarks (e.g., expiry date)
GENERAL			
Atropine sulfate 0.5 mg/ml, ampoules			
Hydroxocobalamin 5 g dry substance, vials without solvent (to dissolve with 200 ml of NaCl 0.9% or glucose 5%)			
CARDIOVASCULAR			
Cholestyramine 4 g sachets			
GASTROINTESTINAL SYSTEM			
Activated charcoal, g			
Simethicone, box			
Baclofen 10 mg tablets			
Fomepizole 5 mg/ml, 20 ml ampoules (concentrate)			
N-acetylcysteine, g			
NERVOUS SYSTEM			
Flumazenil 0.1 mg/ml, 5 ml ampoules			
Biperiden 2 mg oral tablets			
Sodium bicarbonate mmol/ml (8.4%), 100 ml vial			
Naloxone 0.4 mg/ml, 1 ml ampoules			
RESPIRATORY SYSTEM			
Medical oxygen 1.35 L cylinder			
ANTI-INFECTIVES			
Equine heptavalent botulinum antitoxin			
EXTERNAL USE			
Calcium gluconate 2.5% gel, g			

Place and date: _____

Signature of the captain: _____

Visa of the competent person or authority: _____

Section 2 - Vessels of Category B

I. Vessel identification

Name: _____ Flag: _____ Home port: _____

II. Medical supplies control sheet

Medicines

Item	Required quantity	Quantity on board	Remarks (e.g., expiry date)
1. CARDIOVASCULAR			
C01CA24 - Epinephrine 0.1% ampoules			
C01DA02 - Nitroglycerin 0.3 mg spray			
C03CA01 - Furosemide 40 mg tablets			
B02AA02 - Tranexamic acid 500 mg tablets (incl. uterotonic if a woman is on board)			
C08CA01 - Amlodipine 5 mg tablets			
C01BD01 - Amiodarone 200 mg tablets (arrhythmias)			
2. MEDICINES ACTING ON THE GASTROINTESTINAL SYSTEM			
A02BC01 - Omeprazole 20 mg tablets			
A02AD01 - Combination of aluminum, calcium and magnesium salts, tablets			
A03FA01 - Metoclopramide 10 mg tablets			
A06AD15 - Macrogol 4 g sachets			
N07AA02 - Pyridostigmine 10 mg tablets			
A07DA03 - Racecadotril 100 mg tablets			
A07BA01 - Activated charcoal 300 mg tablets			
C05AD03 - Hemorrhoid treatment: local anesthetic (e.g., benzocaine) with or without corticosteroid (e.g., prednisolone), ointment			
3. ANALGESICS AND ANTISPASMODICS			
N02BE01 - Paracetamol 1 g tablets			
M01AE01 - Ibuprofen 400 mg tablets			
N02AX02 - Tramadol 50 mg tablets			
N02AA01 - Morphine 10 mg ampoules			
A03BB01 - Butylscopolamine 10 mg tablets			
M03BX01 - Baclofen 10 mg tablets			
4. MEDICINES FOR THE NERVOUS SYSTEM			
N05BA01 - Diazepam 10 mg tablets			
N05BA01 - Diazepam 10 mg ampoules			
N05AF05 - Zuclopenthixol 50 mg ampoules			
A04AD01 - Scopolamine 1 mg patches			
N05BA01 - Valproate 300 mg tablets			
5. ANTI-ALLERGY AND ANTI-ANAPHYLAXIS			
R06AE07 - Cetirizine 10 mg tablets			
H02AB04 - Methylprednisolone 16 mg tablets			
6. RESPIRATORY SYSTEM			
R03AC02 - Salbutamol 100 mcg aerosol			
R05CB01 - Acetylcysteine 600 mg tablets (mucolytic)			
R01AA05 - Oxymetazoline 0.05% nasal spray			
7. ANTI-INFECTIVES			
J01CR02 - Amoxicillin 875 mg + beta-lactamase inhibitor 125 mg tablets			
J01XX01 - Fosfomycin 3 g sachets			
J01MA02 - Ciprofloxacin 500 mg tablets			
P02CA01 - Mebendazole 100 mg tablets			
J01XD01 - Metronidazole 250 mg tablets			
J07AM - Tetanus vaccine			
J06BB02 - Tetanus immunoglobulin solution for injection 250 IU/ml			
P01BF01 - Artemether + lumefantrine 20 mg/120 mg tablets (if travelling to malaria-endemic area)			
J05AR01 - Zidovudine 300 mg + lamivudine 150 mg tablets			
8. ORAL REHYDRATION / CALORIC INTAKE / VOLUME EXPANSION			
B05BB01 - Sodium chloride 0.9% 1 L			
9. TOPICAL / EXTERNAL-USE MEDICINES			

Item	Required quantity	Quantity on board	Remarks (e.g., expiry date)
D08AC02 - Chlorhexidine solution (L)			
D08AG02 - Povidone-iodine solution (L)			
D06AX01 - Fusidic acid 2% ointment			
M02AA15 - Diclofenac 2% gel			
D01AC02 - Miconazole 2% cream			
D06BA01 - Silver sulfadiazine 1% cream (burns)			
S01BC03 - Diclofenac 1 mg eye drops			
S01BA01 - Dexamethasone 1 mg eye drops			
S01AA12 - Tobramycin 3 mg/ml eye drops (antibiotic)			
S01HA02 - Oxybuprocaine 0.4% eye drops (anesthetic)			
- - Saline eye irrigation solution NaCl 0.9% (L)			
S01EB01 - Pilocarpine 2% eye drops (miotic, hypotensive)			
S02CA06 - Otic solution: dexamethasone + neomycin + polymyxin			
A01AB03 - Antiseptic mouth/throat rinse: chlorhexidine 0.2% solution			
N01BX01 - Ethyl chloride spray (local anesthesia by cooling)			
N01BB02 - Lidocaine 1% injectable solution (subcutaneous)			

Medical equipment

Item	Required quantity	Quantity on board	Remarks (e.g., expiry date)
1. RESUSCITATION EQUIPMENT			
Automated external defibrillator (AED) within the meaning of the Grand-Ducal Regulation of 19 Nov 2008 on AED use			
Ambu bag (or equivalent) with masks (large/medium/small); manual bag for oxygen administration			
Oxygen therapy device including:			
a) Oxygen case containing a medical oxygen cylinder adjustable for 90 min at 15 L/min (1350 L at atmospheric pressure) per cylinder			
b) Pressure reducer			
c) Flow regulator delivering at least 4 L/min			
d) Shatterproof humidifier connected to cylinders			
e) Set of connectors			
f) Adjustable single-use plastic mask			
Mechanical suction device to clear upper airways (mechanical pump)			
2. DRESSINGS AND SUTURING MATERIAL			
Tourniquets			
Single-use skin stapler for sutures, or suture kit with needles			
a) Metal staples			
b) Sterilizable applicator			
Self-adhesive elastic bandage			
a) Adhesive elastic bandages, roll			
b) Velpeau bandages, roll			
Gauze dressing bandages			
a) Gauze bandages, roll			
b) Gauze rolls (approx. 5 cm x 4.6 m)			
Tubular gauze bandage for finger dressing (5 m) with applicator			
Sterile eye pads (4.69 cm x 6.98 cm)			
Sterile gauze compresses			
Sterile abdominal dressings (15.2 cm x 20.3 cm)			
Sterile burn sheet			
Triangular bandage			
a) Triangular slings			
b) Safety pins, stainless steel			
Single-use gloves			
a) Examination gloves (pairs)			
b) Surgical gloves, sterile (pairs)			
Adhesive dressings			
a) Prepared adhesive dressings, roll (m)			
b) Adhesive strips (approx. 7.5 cm x 2.2 cm), individually wrapped			
Sterile pressure dressings			
a) White triangular muslin dressings, folded and compressed (91 cm x 96.5 cm x 137 cm)			

Item	Required quantity	Quantity on board	Remarks (e.g., expiry date)
b) Pressure dressings 10 cm x 10 cm with 90 cm gauze ties			
Adhesive sutures or zinc-oxide tape strips			
Non-absorbable sutures with needle			
a) Non-absorbable sutures with needle 3 x 40 mm			
b) Plain catgut, min. 75 cm, with semi-circular needle, 00, sterile			
Paraffin gauze dressings			
Sterile ophthalmic compresses			
Waterproof adhesive tape roll 2.5 cm x 4.5 m			
Body bags			
3. INSTRUMENTS			
Single-use scalpels			
Instrument box made of suitable material			
Scissors			
a) Suture scissors			
b) Dressing scissors			
c) Bandage scissors, stainless steel			
Dissecting forceps			
a) Forceps without teeth			
b) Splinter forceps (Stieglitz or Feilchenfeld type)			
Hemostatic forceps			
Needle holders			
Sterilizer			
Nail brush			
Ophthalmic magnet			
Dental speculum			
Dental probe			
Modeling instrument			
Filling tweezers			
Single-use razors			
4. EXAMINATION AND MEDICAL MONITORING EQUIPMENT			
Single-use tongue depressors			
Urine test strips (per pack) for:			
a) Proteins			
b) Glucose			
c) Blood			
d) Ketones (acetone)			
e) Fluorescein strips or drops			
Temperature charts			
Medical evacuation record forms			
Stethoscope			
Blood pressure monitor			
Clinical thermometer			
Hypothermia thermometer			
Medical guide: practical emergency first-aid guide			
Controlled medicines register: checklist + waterproof instruction sheet (French and English)			
Rigid watertight case			
Rapid malaria diagnostic test (if travelling to malaria-endemic area)			
5. INJECTION / INFUSION / PUNCTURE / CATHETERIZATION EQUIPMENT			
Equipment to drain the bladder (suitable for men and women)			
Intravenous infusion kit			
Single-use syringes and needles			
a) 2 ml			
b) 5 ml			
c) Needles for intravenous treatment			
Extraocular eye wash solution in shatterproof bottle with medicine ID number and expiry date (120 ml)			
Eye cup for eyewash, shatterproof plastic			
6. GENERAL MEDICAL EQUIPMENT			
Personal protective equipment for nursing/medical care			
Bedpan			
Rubber sheet			

Item	Required quantity	Quantity on board	Remarks (e.g., expiry date)
Emergency blankets or bags			
Hot-water bottle			
Urinal			
Ice bag			
a) Ice bag for ice cubes			
b) Kidney dish			
c) Splint 9.5 cm x 60 cm			
7. IMMOBILIZATION AND RESTRAINT EQUIPMENT			
Set of splints of different sizes for different limbs			
a) Malleable finger splint, aluminum			
b) Malleable forearm/hand splint, standard; set = 4			
c) Inflatable splint; set = 4			
d) Thigh splints			
Cervical collar for neck immobilization			
Rigid evacuation/immobilization board			
Single-use head immobilizer for rigid board			
8. DISINFECTION / PEST CONTROL / PROTECTION			
Compound for disinfecting water: sodium tosylochloramide 350 g powder			
Liquid insecticide 10 L with sprayer (5 L capacity)			
Insecticide powder 110 g			

Antidotes

Item	Required quantity	Quantity on board	Remarks (e.g., expiry date)
GENERAL			
Atropine sulfate 0.5 mg/ml, ampoules			
Hydroxocobalamin 5 g dry substance, vials without solvent (to dissolve with 200 ml of NaCl 0.9% or glucose 5%)			
CARDIOVASCULAR			
Cholestyramine 4 g sachets			
GASTROINTESTINAL SYSTEM			
Activated charcoal, g			
Simethicone, box			
Baclofen 10 mg tablets			
Fomepizole 5 mg/ml, 20 ml ampoules (concentrate)			
N-acetylcysteine, g			
NERVOUS SYSTEM			
Flumazenil 0.1 mg/ml, 5 ml ampoules			
Biperiden 2 mg oral tablets			
Sodium bicarbonate mmol/ml (8.4%), 100 ml vial			
Naloxone 0.4 mg/ml, 1 ml ampoules			
RESPIRATORY SYSTEM			
Medical oxygen 1.35 L cylinder			
ANTI-INFECTIVES			
Equine heptavalent botulinum antitoxin			
EXTERNAL USE			
Calcium gluconate 2.5% gel, g			

Place and date: _____

Signature of the captain: _____

Visa of the competent person or authority: _____

Section 3 - Vessels of Category C

I. Vessel identification

Name: _____ Flag: _____ Home port: _____

II. Medical supplies control sheet

Medicines

Item	Required quantity	Quantity on board	Remarks (e.g., expiry date)
C01DA02 - Nitroglycerin 0.3 mg spray			
A07BA01 - Activated charcoal 300 mg tablets			
N02BE01 - Paracetamol 1 g tablets			
M01AE01 - Ibuprofen 400 mg tablets			
A04AD01 - Scopolamine 1 mg patches			
D08AC02 - Chlorhexidine solution			
D08AG02 - Povidone-iodine solution			
D06BA01 - Silver sulfadiazine 1% cream (burns)			
- - Saline eye irrigation solution NaCl 0.9% (L)			

Medical equipment

Item	Required quantity	Quantity on board	Remarks (e.g., expiry date)
1. RESUSCITATION EQUIPMENT			
Automated external defibrillator (AED) as per Grand-Ducal Regulation of 19 Nov 2008			
2. DRESSINGS AND SUTURING MATERIAL			
Tourniquets			
Single-use skin stapler for sutures, or suture kit with needles			
a) Metal staples			
b) Sterilizable applicator			
Self-adhesive elastic bandage (adhesive elastic bandage roll; Velpeau roll)			
Gauze rolls (approx. 5 cm x 4.6 m)			
Sterile eye pads (4.69 cm x 6.98 cm)			
Sterile gauze compresses			
Sterile abdominal dressings (15.2 cm x 20.3 cm)			
Triangular bandage; safety pins (stainless steel)			
Single-use gloves (pairs); sterile surgical gloves (pairs)			
Adhesive dressings (roll; individually wrapped strips)			
Sterile pressure dressings (triangular muslin; 10 cm x 10 cm with gauze ties)			
Zinc-oxide tape strips			
Paraffin gauze dressings			
Waterproof adhesive tape roll 2.5 cm x 4.5 m			
3. INSTRUMENTS			
Scissors: dressing scissors; bandage scissors (stainless steel)			
Dissecting forceps: without teeth; splinter forceps (Stieglitz/Feilchenfeld type)			
4. EXAMINATION AND MEDICAL MONITORING			
Medical guide: practical emergency first-aid guide			
Controlled medicines register: checklist + waterproof instruction sheet (French and English)			
Rigid watertight case			
5. INJECTION / INFUSION / PUNCTURE / CATHETERIZATION			
Extraocular eye wash solution in shatterproof bottle (120 ml)			
6. GENERAL MEDICAL EQUIPMENT			
Emergency blankets or bags			
Ice bag; splint 9.5 cm x 60 cm			
7. IMMOBILIZATION AND RESTRAINT			
Rigid evacuation/immobilization board			
Single-use head immobilizer for rigid board			

Antidotes

Item	Required quantity	Quantity on board	Remarks (e.g., expiry date)
GENERAL			
Atropine sulfate 0.5 mg/ml, ampoules			
Hydroxocobalamin 5 g dry substance, vials without solvent (to dissolve with 200 ml of NaCl 0.9% or glucose 5%)			
CARDIOVASCULAR			
Cholestyramine 4 g sachets			
GASTROINTESTINAL SYSTEM			
Activated charcoal, g			
Simethicone, box			
Baclofen 10 mg tablets			
Fomepizole 5 mg/ml, 20 ml ampoules (concentrate)			
N-acetylcysteine, g			
NERVOUS SYSTEM			
Flumazenil 0.1 mg/ml, 5 ml ampoules			
Biperiden 2 mg oral tablets			
Sodium bicarbonate mmol/ml (8.4%), 100 ml vial			
Naloxone 0.4 mg/ml, 1 ml ampoules			
RESPIRATORY SYSTEM			
Medical oxygen 1.35 L cylinder			
ANTI-INFECTIVES			
Equine heptavalent botulinum antitoxin			
EXTERNAL USE			
Calcium gluconate 2.5% gel, g			

Place and date: _____

Signature of the captain: _____

Visa of the competent person or authority: _____