
 STATUTORY INSTRUMENTS

1986 No. 1072

MERCHANT SHIPPING

SAFETY

**The Merchant Shipping (Life-Saving Appliances Regulations
1980) (Amendment) Regulations 1986**
Laid before Parliament in draft

<i>Made - - - -</i>	<i>25th June 1986</i>
<i>Coming into Operation</i>	<i>1st July 1986</i>

The Secretary of State for Transport, in exercise of the powers conferred on him by section 427 of the Merchant Shipping Act 1894 (a) and now vested in him (b) and after consulting with the persons referred to in section 22(2) of the Merchant Shipping Act 1979(c), in exercise of the powers conferred on him by section 21(1)(a) and (b), (3), (4), (5) and (6) and section 22(1) of that Act and of all other powers enabling him in that behalf, hereby makes the following Regulations:

1. These Regulations may be cited as the Merchant Shipping (Life-Saving Appliances Regulations 1980) (Amendment) Regulations 1986 and shall come into operation on 1st July 1986.

2. The Merchant Shipping (Life-Saving Appliances) Regulations 1980 (d) shall on 1st July 1986 cease to apply to ships to which the Merchant Shipping (Life-Saving Appliances) Regulations 1986(e) apply; and accordingly regulation 1(3) thereof (application) shall be replaced by the following new regulation:

“IA—(1) These Regulations apply to:—

- (a) all existing ships except
 - (i) fishing vessels and
 - (ii) pleasure craft of less than 13.7 metres in length;
- (b) new ships of classes III, IV, V, VI and VI(A); and
- (c) new non-United Kingdom ships which are:
 - (i) cargo ships of less than 500 tons;
 - (ii) ships not propelled by mechanical means;
 - (iii) pleasure craft of 13.7 metres in length or more.

(a) 1894 c.60; section 427 was replaced by section 2(1) of the Merchant Shipping (Safety Convention) Act 1949 (c.43).

(b) S.I. 1965/145, 1970/1537, 1974/692.

(c) 1979 c.39.

(d) S.I. 1980/538, as amended by S.I. 1981/577.

(e) S.I. 1986/1066.

(2) These Regulations apply to United Kingdom ships wherever they may be and (subject to paragraph (3)), to non-United Kingdom ships while they are within a port in the United Kingdom.

(3) These Regulations shall not apply to a non-United Kingdom ship flying the flag of a state which is not a party to the International Convention for the Safety of Life at Sea 1974 by reason of its being within a port in the United Kingdom if it would not have been there but for stress of weather or any other circumstances which neither the master nor the owner nor the charterer (if any) could have prevented.

(4) For the purposes of this regulation “new ship” means a ship the keel of which is laid or which is at a similar stage of construction on or after 1 July 1986; and “similar stage of construction” means the stage at which:

- (a) construction identifiable with a specific ship begins; and
- (b) assembly of that ship has commenced comprising at least 50 tonnes or 1% of the estimated mass of all structural material whichever is the less.”.

3. The Merchant Shipping (Life-Saving Appliances) Regulations 1980 shall be further amended as follows:—

(1) In regulation 1:

(a) In paragraph (2) there shall be substituted the following definitions:

for the definition of “Certificated lifeboatman” there shall be substituted the following:

“ “Certificated person” means a member of the crew who holds either

(a) a Certificate of Proficiency in Survival Craft under the Merchant Shipping (Certificates of Proficiency in Survival Craft) Regulations 1984 (a) or such certificate issued by or under the authority of any government outside the United Kingdom which is accepted by the Secretary of State as being the equivalent to a certificate issued under those Regulations; or

(b) a Certificate of Efficiency as Lifeboatman issued before 28th April 1984 by or under the authority of the Secretary of State or such certificate issued before 28th April 1984 by or under the authority of any government outside the United Kingdom which is accepted by the Secretary of State as being the equivalent of such a certificate issued by or under the authority of the Secretary of State;”

for the definition of “pleasure craft” there shall be substituted the following:

“ “Pleasure craft” means a vessel (other than a passenger ship and ship engaged in trade) primarily used for sport or recreation;”;

for the definition of “tons” there shall be substituted the following:

“ “Tons” means gross tons and a reference to tons:

(a) S.I. 1984/97.

- (a) in relation to a ship having alternative gross tonnages under paragraph 13 of Schedule 5 of the Merchant Shipping (Tonnage) Regulations 1982(a) is a reference to the larger of those tonnages: and
- (b) in relation to a ship having its tonnage determined both under Part II and regulation 16 of those Regulations is a reference to its gross tonnage as determined under regulation 16 of those Regulations;”.
- (b) In paragraph (2) in the appropriate alphabetical order there shall be inserted the following definitions:
- “Instructions for on-board maintenance” means the instructions complying with the requirements of Part II of Schedule 22;
- “Limited European Area” means the area defined in Schedule 2 to the Merchant Shipping (Certification of Deck Officers) Regulations 1985 (b);
- “Survival craft” means a craft capable of sustaining the lives of persons in distress from the time of abandoning the ship;
- “Training manual” means a manual complying with the requirements of Part I of Schedule 22;

and the definition of “Near continental trading area” shall be deleted.

- (2) In regulation 2:
- (a) in paragraph (1) in the definitions of Classes III and VI passenger ships for “fine weather” there shall be substituted “favourable weather”;
- (b) in paragraph (1) for the definition of a Class VI(A) passenger ship there shall be substituted the following definition:
- “Class VI(A). Passenger ships carrying not more than 50 passengers for a distance of not more than 6 miles on voyages to or from isolated communities on the islands or coast of the United Kingdom and which do not proceed for a distance of more than 3 miles from land; subject to any conditions which the Secretary of State may impose.”;
- (c) in paragraph (1) in the definition of Class XII the words “(other than ships of Classes I to VI(A) inclusive)” shall be deleted;
- (d) in paragraph (2) for “long international voyage” there shall be substituted the following:—
- “ “Long international voyage” means an international voyage which is not a short international voyage;”;
- (e) in paragraph (2) in the appropriate alphabetical order there shall be inserted the following definitions:
- “Favourable weather” means fine, clear settled weather with a sea state such as to cause only moderate rolling and/or pitching.
- “International voyage” means a voyage from a country to which the International Convention for the Safety of Life at Sea 1974 applies, to a port outside that country or conversely;

(a) S.I. 1982/841.

(b) S.I. 1985/1306.

“Short international voyage” means an international voyage in the course of which a ship is not more than 200 miles from a port or place in which the passengers and crew could be placed in safety. Neither the distance between the last port of call in the country in which the voyage begins and the final port of destination nor the return voyage shall exceed 600 miles. The final port of destination is the last port of call in the scheduled voyage at which the ship commences its return voyage to the country in which the voyage began.

(3) Regulation 30(2) shall be deleted.

(4) In regulation 36(6)(a) the word “banked” shall be inserted between “single” and “complement”.

(5) In regulation 38 for paragraphs (1) and (2) there shall be substituted the following:

“(1) Every lifeboat carried in a ship of Class I, every lifeboat carried in a ship of Classes VII, VII(A) and VII(T) in compliance with regulations 11(2), 12(2) and 13(2) respectively, and every lifeboat carried in a ship of Class XI in compliance with sub-paragraph (a) of regulation 22(2) shall be provided with a food ration totalling not less than 10,000 kilojoules for each person it is deemed to accommodate. Such ration shall not be required on ships which do not make voyages outside the Limited European Area.

(2) Such rations shall be kept in airtight packaging and be stowed in suitable watertight containers labelled to indicate the contents”.

(6) In regulation 38(3) after “VIII”, there shall be added “VIII(T)”.

(7) For regulation 44(3) there shall be substituted the following:—

“44(3) (a) Lifebuoys shall be so distributed as to be readily available on both sides of the ship and as far as practicable on all open decks extending to the ship’s side. At least one lifebuoy shall be placed in the vicinity of the stern.

(b) Lifebuoys shall be so stowed as to be capable of being rapidly cast loose, and shall not be permanently secured in any way.

(c) Except as otherwise provided, lifebuoys with lights and those with lights and smoke signals shall be equally distributed on both sides of the ship.”.

(8) For regulation 46 there shall be substituted the following:—

“*Manning of survival craft*

46—(1) This regulation applies to ships of Classes I, II, II(A), III, VII, VII(A), VII(T), VIII, VIII(T) and ships of Classes IX and XI engaged on international voyages.

(2) There shall be a sufficient number of crew members to operate the survival craft and launching arrangements required for abandonment by the total number of persons on board. The minimum number of deck officers, certificated persons and other crew members required to be carried shall be determined in accordance with Merchant Shipping Notice No. M 1207 and with any Merchant Shipping Notice amending or replacing it which is

considered by the Secretary of State to be relevant from time to time.

(3) A deck-officer or certificated person shall be placed in charge of each lifeboat to be used. In addition a deck officer or certificated person shall be nominated second-in-command of such lifeboat.

(4) Except as otherwise provided in this paragraph a deck officer or certificated person shall be placed in charge of each liferaft to be used. In ships of Classes II, II(A) and III the person placed in charge of each liferaft may in lieu of a deck officer or certificated person be a crew member practised in the handling and operation of liferafts.

(5) The person in charge of a survival craft shall have a list of the survival craft crew and shall ensure that the crew under his command are acquainted with their duties. In lifeboats the second-in-command shall also have a list of the lifeboat crew.

(6) In ships carrying liferafts served by launching appliances a deck officer or certificated person shall be assigned to each launching appliance.

(7) In ships carrying liferafts not served by launching appliances a deck officer or certificated person shall be assigned to each launching position.

(8) A person capable of operating the engine and carrying out minor adjustments shall be assigned to every motor lifeboat.

(9) A person capable of operating a radiotelegraph installation shall be assigned to every lifeboat required to carry such equipment.

(10) There shall be a sufficient number of trained persons on board for mustering and assisting untrained persons.

(11) The master shall ensure the equitable distribution of persons referred to in paragraphs (2), (3), (4) and (10) of this regulation when compiling the muster list referred to in regulation 4(2) of the Merchant Shipping (Musters and Training) Regulations 1986(a)."

(9) Regulation 47 shall be deleted.

(10) For regulation 48 there shall be substituted the following:—

“Stowage of portable radio apparatus

~~48~~—(1) The portable radio apparatus for survival craft required to be carried in compliance with regulations 3(6), 4(11), 11(13) and 12(6) of these Regulations shall be stowed in a protected and easily accessible position ready to be moved to any survival craft in an emergency.

(2) In ships where the lifeboats are stowed in widely separated positions fore and aft, the portable radio apparatus shall be stowed in the vicinity of the lifeboats which are furthest from the ship's main transmitter.”.

(11) In regulation 50(1) and (2) there shall be added at the end “or in regulation 48 of the Merchant Shipping (Passenger Ship Construction and Survey) Regulations 1984(a) as appropriate”, and there shall be added as a footnote “(a) S.I. 1984/1216.”.

(12) In regulation 50(3)(c)(i) after “Merchant Shipping (Cargo Ship Construction and Survey) Regulations 1981” there shall be added “or regulation 45 of the Merchant Shipping (Cargo Ship Construction and Survey) Regulations 1984(b) as appropriate”, and there shall be added as a footnote “(b) S.I. 1984/1217.”.

(13) In regulation 50(3)(c)(ii) for “of the said Regulations” there shall be substituted “of the Merchant Shipping (Cargo Ship Construction and Survey) Regulations 1981 or regulation 45 of the Merchant Shipping (Cargo Ship Construction and Survey) Regulations 1984 as appropriate”.

(14) In regulation 50(3)(d) after “Merchant Shipping (Cargo Ship Construction and Survey) Regulations 1981” there shall be added “or regulation 45 of the Merchant Shipping (Cargo Ship Construction and Survey) Regulations 1984 as appropriate”.

(15) In regulation 51(4) the final sentence shall be deleted.

(16) After regulation 51 there shall be added the following:

“Operating instructions, training manuals and on-board maintenance

51A (1) Except as otherwise provided in sub-paragraph (2)(a) this regulation applies to ships of Classes I, II, IIA, III, IV, V, VI, VI(A), VII, VII(A), VII(T), VIII, VIII(T), VIII(A), VIII(A)(T), IX, IX(A), IX(A)(T), XI and XII which carry one or more lifeboats, Class C boats, other boats or liferafts.

(2) Every ship to which this regulation applies shall be provided with:—

- (a) posters or signs showing operating instructions on or in the vicinity of survival craft and their launching controls; such posters or signs shall illustrate the purpose of controls and the procedures for operating the appliance and give relevant instructions; they shall be easily seen under emergency lighting conditions on ships of Classes I, II, II(A), VII, VII(A), VII(T), VIII, VIII(T) and IX to which regulation 50(1), (2) or (3) applies; where applicable they shall use symbols which are to the satisfaction of the Secretary of State and are specified in a Merchant Shipping Notice and in any document amending or replacing it which is considered by the Secretary of State to be relevant from time to time and is specified in a Merchant Shipping Notice.
- (b) a training manual complying with the requirements of Part I of Schedule 22 in each crew messroom and recreation room or in each crew cabin; in ships of under 500 tons at least one training manual shall be provided appropriate to the life-saving appliances carried and to the type and size of ship on which it is provided; and
- (c) as far as practicable instructions complying with the requirements of Part II of Schedule 22 for on-board maintenance of life-saving appliances or a shipboard planned maintenance programme which includes the maintenance of life-saving appliances.

Replacement of Life-Saving Appliances

51B When any life-saving appliance or arrangement on a ship to which these Regulations apply is replaced or the ship undergoes repairs, alterations or modifications of a major character which involve replacement of, or any addition to, its existing life-saving appliances or arrangements, any such replacement or additional life-saving appliance or arrangement shall, so far as is reasonably practicable, be a life-saving appliance or arrangement complying with the requirements relating to that type of appliance or arrangement contained in a schedule or schedules to the Merchant Shipping (Life-Saving Appliances) Regulations 1986; and any appliance or arrangement complying with those requirements shall not be required to comply with the requirements in the relevant schedule or schedule to these Regulations; provided that if a lifeboat is replaced but its launching appliance is not, or vice versa, the lifeboat or launching appliance as the case may be may be of the same type as that replaced.

Operational readiness, maintenance, inspections and servicing

- 51C** (1) All life-saving appliances shall be in working order and ready for immediate use before any ship to which these Regulations apply commences a voyage and at all times during the voyage.
- (2) As far as practicable, maintenance of life-saving appliances shall be carried out in accordance with the Instructions for on-board maintenance, or in accordance with a shipboard planned maintenance programme which includes the requirements of Part II of Schedule 22 to these Regulations.
- (3) Falls used in launching shall be turned end for end at intervals of not more than 30 months and be renewed when necessary due to deterioration of the falls or at intervals of not more than 5 years, whichever is the earlier. Stainless steel falls shall be turned end for end at intervals of not more than 30 months but need not be renewed if on inspection there are no signs of mechanical damage or other possible defects.
- (4) Spares and repair equipment shall be provided for life-saving appliances and their components which are subject to excessive wear or consumption and need to be replaced regularly.
- (5) The following tests and inspections shall be carried out weekly:
- (a) all survival craft; rescue boats, inflated boats, Class C boats and launching appliances shall be visually inspected to ensure that they are ready for use;
 - (b) if practicable all engines in lifeboats and other boats shall be run ahead and astern for a total period of not less than 3 minutes provided the ambient temperature is not lower than that at which the engine is required to start; and
 - (c) the general emergency alarm system shall be tested.
- (6) Inspection of the life-saving appliances, including lifeboat equipment, shall be carried out monthly using the check list referred to in Part II of Schedule 22 to these Regulations. A report of the inspection shall be entered in the log referred to in paragraph 2.7 of Part II of Schedule 22.

(7) Every inflatable liferaft, inflated and rigid inflated rescue boat, inflated boat, inflatable lifejacket and hydrostatic release unit shall be serviced at a service station approved by the Secretary of State at intervals not exceeding 12 months, provided that in any case where this is impracticable, such interval may be extended by a period not exceeding 5 months.

(8) Emergency repairs to inflated rescue boats and inflated boats may be carried out on board ship but permanent repairs shall be effected at an approved service station, as soon as practicable.

Table of Life-saving Signals and Rescue Methods

51D In ships of Classes I, II, II(A), III, VII, VII(A), VII(T), VIII, VIII(T), VIII(A), VIII(A)(T), IX and XI and in ships of Class XII which proceed to sea a copy of the table 'Life-saving Signals and Rescue Methods, SOLAS No 1', published by the Department of Transport shall be provided."

(17) In regulation 53 there shall be added as paragraph (2) the following:

(2) It shall be a good defence to a charge under this regulation to prove that the person charged took all reasonable steps to avoid commission of the offence.

(18) In Schedule 13, Part I paragraph (7) shall be deleted.

(19) In Part I of Schedule 15 in paragraph (10) for "4.0", "3.85" and "3.85" there shall be substituted "0.8", "0.6" and "0.6".

(20) In Parts IV and V of Schedule 15 there shall be added as paragraphs (12) and (9) respectively:

"For carriage in lifeboats, signals shall be packed in a container which shall be durable, damp proof and effectively sealed".

(21) There shall be added, as Schedule 22, the following:

"SCHEDULE 22

TRAINING MANUALS AND INSTRUCTIONS FOR ON-BOARD MAINTENANCE

PART I

Regulation 51A(2)(b)

TRAINING MANUALS

1. A training manual shall contain instructions and information on the life-saving appliances provided in the ship. It shall also contain information on the best methods of survival. The material in the manual shall be in easily understood terms and illustrated where appropriate.

2. A training manual may comprise one or more volumes and any part of the instructions and information may be provided in the form of audio-visual aids as an alternative to printed material.

3. As appropriate, the following shall be explained in detail:

- .1 donning of lifejackets, and immersion suits where carried;
- .2 muster at the assigned stations;
- .3 boarding, launching, and clearing the survival craft, rescue and other boats;

- .4 method of launching from within the survival craft;
- .5 release from launching appliances;
- .6 methods and use of devices for protection in launching areas;
- .7 illumination in launching areas;
- .8 use of all survival equipment;
- .9 use of all detection equipment;
- .10 with the assistance of illustrations, the use of radio life-saving appliances;
- .11 use of sea anchors;
- .12 use of engine and accessories;
- .13 recovery of survival craft, rescue and other boats including stowage and securing;
- .14 hazards of exposure and the need for warm clothing;
- .15 best use of the survival craft facilities in order to survive;
- .16 methods of retrieval, including the use of helicopter rescue gear (slings, baskets, stretchers), breeches-buoy and shore life-saving apparatus and ship's line-throwing apparatus;
- .17 all other functions contained in the muster list and emergency instructions; and
- .18 instructions for emergency repair of the life-saving appliances.

PART II

Regulation 51A(2)(c)

INSTRUCTIONS FOR ON-BOARD MAINTENANCE

1. Instructions for on-board maintenance of life-saving appliances shall be in easily understood terms and illustrated wherever possible.
2. As appropriate and as far as is practicable the instructions shall include the following for each appliance:
 - .1 a checklist for use when carrying out the inspections required by regulation 51C(6);
 - .2 maintenance and repair instructions;
 - .3 schedule of periodic maintenance;
 - .4 diagram of lubrication points with the recommended lubricants;
 - .5 list of replaceable parts;
 - .6 list of sources of spare parts; and
 - .7 log for records of inspections and maintenance.”.

John Moore,
Secretary of State for Transport.

25th June 1986.

EXPLANATORY NOTE

(This Note is not part of the Regulations.)

These Regulations give effect to the relevant provisions in Chapter III in the 1983 Amendments to the International Convention for the Safety of Life at Sea 1974 which apply to existing ships. The requirements come into force on 1 July 1986.

The principal amendments to the Merchant Shipping (Life-Saving Appliances) Regulations 1980 as amended are requirements for:—

- (1) manning of survival craft;
- (2) provision of training manuals; and
- (3) requirements for operational readiness, maintenance, inspections and servicing of life-saving appliances.

Merchant Shipping Notices are obtainable from the Department of Transport Marine Library, Sunley House, High Holborn, London WC1V 6LP and from any Department of Transport Marine Office.

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