

1986 No. 1248

MERCHANT SHIPPING

SAFETY

The Merchant Shipping (Fire Protection) (Non-United Kingdom) (Non-SOLAS Ships) Rules 1986

Made - - - - - 17th July 1986

Laid before Parliament 28th July 1986

Coming into Operation 1st September 1986

The Secretary of State for Transport, in exercise of powers conferred by section 427(1) of the Merchant Shipping Act 1894^(a) and now vested in him^(b) and of all other powers enabling him in that behalf, hereby makes the following Rules:

Citation and Commencement

1. These Rules may be cited as the Merchant Shipping (Fire Protection) (Non-United Kingdom) (Non-SOLAS Ships) Rules 1986 and shall come into operation on 1st September 1986.

Interpretation

2. In these Rules:

“cargo ships” means all ships except passenger ships, troopships, pleasure craft, fishing vessels and ships not propelled by mechanical means;

“class of ship”, in any of these Rules applying the provisions of some other statutory instrument to ships to which these Rules apply, means the arrangement of classes set out in the instrument being applied;

“fishing vessel” means a vessel used for catching, otherwise than for sport, fish, whales, seals, walrus or other living resources of the sea and includes a fishery research vessel;

“length” in relation to a registered ship means registered length, and in relation to an unregistered ship means the length from the fore part of the stem to the aft side of the head of the stern post or, if no stern post is fitted to take the rudder, to the fore side of the rudder stock at the point where the rudder passes out of the hull;

“passenger ship” means a ship carrying more than 12 passengers;

“pleasure craft” means a vessel primarily used for sport or recreation;

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

^(a) 1894 c. 60; section 427 was substituted by section 2 of the Merchant Shipping (Safety Convention) Act 1949 (c. 43) and amended by section 9 of the Merchant Shipping Act 1964 (c. 47).

^(b) See S.I. 1970/1537.

- (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 these 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;
- “United Kingdom ship” has the same meaning as in section 21(2) of the Merchant Shipping Act 1979^(b).

Application

3.—(1) These Rules apply to:

- (a) cargo ships of less than 500 tons;
- (b) ships not propelled by mechanical means; and
- (c) pleasure craft which are not passenger ships and are of 13.7 metres in length or more;

which are not United Kingdom ships, when they are in a port in the United Kingdom.

(2) Nothing in these Rules shall apply to any ship by reason of her being within a port in the United Kingdom if she would not have been therein but for stress of weather or any other circumstances which could not have been prevented by the master or the owner or the charterer (if any).

- (3) (a) Rule 4 of these Rules applies only to vessels built prior to 25th May 1980.
- (b) Rule 5 of these Rules applies only to vessels built between 25th May 1980 and 31st August 1984.
- (c) Rule 6 of these Rules applies only to ships built after 31st August 1984.

(4) In this Rule “built” means the keel of which is laid or which is at a similar stage of construction; and for the purposes of this paragraph “similar stage of construction” means a stage at which:

- (a) construction identifiable with a particular ship began, and
- (b) assembly of that ship has commenced comprising at least 50 tonnes or one per cent of the estimated mass of all structural material whichever is the less.

4. The provisions of the following regulations in the Merchant Shipping (Fire Protection) (Ships Built Before 25th May 1980) Regulations 1985^(c) apply to ships to which this rule applies as they apply to United Kingdom ships of the same class and size:

^(a) S.I. 1982/841.

^(b) 1979 c. 39.

^(c) S.I. 1985/1218, amended by S.I. 1986/1070.

Class and size of ship	Regulation in Merchant Shipping (Fire Protection) (Ships Built Before 25th May 1980) Regulations 1985
Classes VII and VII(A) 500 tons or over	29 (Fire pumps, fire main, water service pipes, hydrants, hoses and nozzles) 30 (Portable fire extinguishers) 31 (Fixed fire smothering arrangements in cargo spaces) 32 (Machinery spaces containing oil-fired boilers or oil burning equipment) 33 (Machinery spaces containing internal combustion type machinery) 34 (Machinery spaces containing steam engines) 35 (Firemen's outfits) 36 (Fire alarm and fire detection systems) 37 (International shore connection)
Class VII under 500 tons	38
Class VII(A) under 500 tons	39(2)
Class VIII 1000 tons or over	40
500 tons or over but under 1000 tons	41
150 tons or over but under 500 tons	42
under 150 tons	43
Class VIII(A), IX and IX(A)	44
Class XI	45
Class XII	46
Tankers of Classes VII(T) and VIII(T)	47 (General requirements)
500 tons or over	48 (Tankers requiring inert gas systems) 49 (Tankers requiring foam protection) 50 (Special requirements for combination carriers) 51 (Fixed fire extinguishing arrangements in Category A tankers and in Category A combination carriers) 52 (Firemen's outfits)
Tankers of Class VII(T) under 500 tons	53
Tankers of Classes VIII(A)(T) and IX(A)(T) 500 tons or over	54
Tankers of Classes VIII(T), VIII(A)(T) and IX(A)(T) 150 tons or over but under 500 tons	55
under 150 tons	56

Class and size of ship	Regulation in Merchant Shipping (Fire Protection) (Ships Built Before 25th May 1980) Regulations 1985
General (All ships)	57 (Additional requirements for ships carrying explosives) 58 (Fire pumps) 59 (Fire main, water service pipes and hydrants) 60 (Fire hoses, nozzles, etc.) 61 (International shore connection) 62 (Fire extinguishers) 63 (Fire buckets) 64 (Fixed pressure water spraying systems for machinery spaces) 65 (Fixed fire smothering gas and steam installations) 66 (Fixed foam fire extinguishing installations) 67 (Deck foam systems) 68 (Fire detection systems) 69 (Firemen's outfits) 70 (Means for stopping machinery, shutting off oil fuel suction pipes and closing of openings) 71 (Additional requirements for ships provided with a helicopter landing area and fuelling facilities) 72 (Fire control plans) 73 (Availability of fire-fighting appliances)
<i>Schedules</i>	
1	Inert gas systems
2	International shore connection
3	Non-portable foam fire extinguishers
4	Non-portable carbon dioxide fire extinguishers
5	Breathing apparatus
6	Portable foam applicator unit

5. The provisions of the following regulations in the Merchant Shipping (Fire Appliances) Regulations 1980^(a) apply to ships to which this rule applies as they apply to United Kingdom ships of the same class and size:

Class and size of ship	Regulation in Merchant Shipping (Fire Appliances) Regulations 1980
Classes VII and VII(A) 500 tons or over	31 (Fire pumps, fire mains, water service pipes, hydrants, hoses and nozzles) 32 (Portable fire extinguishers) 33 (Fixed fire extinguishing arrangements in cargo spaces) 34 (Machinery spaces of Category A) 35 (Machinery spaces containing steam turbines or enclosed steam engines) 36 (Fire extinguishing appliances in other machinery spaces) 38 (Fire alarm and fire detection systems) 39 (Firemen's outfits) 40 (International shore connection)
Class VII under 500 tons	41
Class VII(A) under 500 tons	42(2)
Tankers of Classes VII(T) and VIII(T) 500 tons or over	43 (Application) 44 (Tankers requiring foam protection—2000 tons or over) 45 (Tankers requiring foam protection—under 2000 tons) 46 (Tankers requiring inert gas systems) 47 (Tankers using crude oil washing) 48 (Alternative fixed fire extinguishing installations) 49 (Requirements for pump rooms)
Tankers of Class VII(T) under 500 tons	50
Class VIII 500 tons or over	53
150 tons or over but under 500 tons	54
under 150 tons	55
Classes VIII(A), IX and IX(A)	56
Tankers of Classes VIII(T) 150 tons or over but under 500 tons	58
under 150 tons	59
Tankers of Classes VIII(A)(T) and IX(A)(T)	60
Class XI	62

^(a) S.I. 1980/544; relevant amendments are S.I. 1985/1194 and 1986/1070.

Class and size of ship	Regulation in Merchant Shipping (Fire Appliances) Regulations 1980
Class XII	63
General	51 (Fixed inert gas systems) 52 (Deck foam installations) 64 (Additional requirements for ships carrying explosives) 65 (Requirements for ships provided with helicopter landing with or without fuelling facilities) 66 (Fire pumps) 67 (Fire main, water service pipes and hydrants) 68 (Fire hoses, nozzles, etc.) 69 (Fire extinguishers) 70 (Fire buckets) 71 (Firemen's outfits) 72 (Means for stopping machinery, shutting off oil fuel suction pipes and closing of openings) 73 (Fire control plans) 74 (Availability of fire-fighting appliances)
<i>Schedules</i>	
1	International shore connection
2	Non-portable foam fire extinguishers
3	Non-portable carbon dioxide fire extinguishers
4	Non-portable dry powder fire extinguishers
5	Breathing apparatus
6	Portable foam applicator units
7	Fixed pressure water spraying systems for machinery spaces and cargo pump rooms
8	Fixed pressure water spraying systems for cargo spaces
9	Fixed gas fire extinguishing installations
10	Fixed halogenated hydrocarbon fire extinguishing installation for machinery spaces and cargo pump rooms
12	Automatic fire alarm and fire detection systems

6. The following provisions of the Merchant Shipping (Fire Protection) Regulations 1984^(a) apply to ships to which this Rule applies as they apply to United Kingdom ships of the same class and size.

Class and size	Regulation in Merchant Shipping (Fire Protection) Regulations 1984
Classes VII and VII(A) 500 tons or over	29 (Fire pumps, fire mains, water service pipes, hydrants, hoses and nozzles) 30 (Portable fire extinguishers) 31 (Fixed fire extinguishing arrangements in cargo spaces) 32 (Special requirements for cargo space ventilation) 33 (Machinery spaces of Category A) 34 (Machinery spaces containing steam turbines or enclosed steam engines) 35 (Fire extinguishing appliances in other machinery spaces) 36 (Fire detection and fire alarm systems and sample extraction smoke detection systems) 37 (Firemen's outfits) 38 (International shore connection)
Class VII under 500 tons	39
Class VII(A) under 500 tons	40(2)
Class VIII 500 tons or over	41
150 tons or over but under 500 tons	42
under 150 tons	43
Class VIII(A), IX and IX(A)	44
Class XI	46
Class XII	47
Tankers of Classes VII(T) and VIII(T) 500 tons or over	48 (General requirements) 49 (Cargo tank protection) 50 (Cargo tank purging and/or gas freeing) 51 (Cargo pump rooms) 52 (Fire main isolating valves) 53 (Firemen's outfits)
Tankers of Class VII(T) under 500 tons	54
Tankers of Class VIII(T) 150 tons and over but under 500 tons	56
under 150 tons	57
Tankers of Classes VIII(A)(T) and IX(A)(T)	58

^(a) S.I. 1984/1218; relevant amendments are S.I. 1985/1193 and 1986/1070.

Class and size	Regulation in Merchant Shipping (Fire Protection) Regulations 1984
General	59 (Requirements for ships provided with helicopter landing with or without fuelling facilities) 60 (Fire pumps) 61 (Fire main, water service pipes and hydrants) 62 (Fire hoses, nozzles, etc.) 63 (Location and arrangement of water pumps for other fire extinguishing systems) 64 (Special requirements for fixed fire extinguishing systems) 67 (Fire extinguishers) 68 (Fire buckets) 69 (Firemen's outfits) 70 (Means for stopping machinery, shutting off oil fuel suction pipes and closing of openings) 71 (Gaseous fuel for domestic purposes) 72 (Fire control plans) 73 (Availability of fire-fighting appliances)
STRUCTURAL FIRE PROTECTION	
Ships of Classes VII, VII(A), VIII, VIII(A), IX and IX(A); and tankers of Classes VII(T), VIII(T), VIII(A)(T) and IX(A)(T) to which regulations 127 to 142 do not apply	111 (Application)
500 tons and over	112 (Structure) 113 (Method of fire protection) 114 (Bulkheads within accommodation spaces, service spaces and control stations) 115 (Fire integrity of bulkheads and decks) 116 (Protection of stairways and lifts in accommodation and service spaces) 117 (Openings in 'A' Class divisions) 118 (Openings in 'B' Class divisions) 119 (Ventilation systems) 120 (Details of construction) 121 (Restriction of combustible materials) 122 (Miscellaneous items of fire protection) 123 (Fixed fire detection and fire alarm systems, automatic sprinkler, fire detection and alarm system) 124 (Special arrangements in machinery spaces) 125 (Means of escape)

Class and size	Regulation in Merchant Shipping (Fire Protection) Regulations 1984
Tankers of Classes VII(T), VIII(T), VIII(A)(T) and IX(A)T	127 (Application)
500 tons and over	128 (Structure) 129 (Exterior boundaries of superstructures and deck-houses) 130 (Boundary bulkheads and decks of machinery spaces of Category A and cargo pump rooms) 131 (Bulkheads within accommodation spaces, service spaces and control stations) 132 (Fire integrity of bulkheads and decks) 133 (Protection of stairways and lifts in accommodation and service spaces) 134 (Openings in 'A' Class divisions) 135 (Openings in 'B' Class divisions) 136 (Ventilation systems) 137 (Details of construction) 138 (Restriction of combustible materials) 139 (Miscellaneous items of fire protection) 140 (Fixed fire detection and alarm system) 141 (Special arrangements in machinery spaces) 142 (Means of escape)
<i>Schedules</i>	
1	International shore connection
2	Non-portable foam fire extinguishers
3	Non-portable carbon dioxide fire extinguishers
4	Non-portable dry powder fire extinguishers
5	Breathing apparatus
6	Portable foam applicator units
7	Automatic sprinkler, fire detection and fire alarm systems
8	Fixed pressure water spraying systems for machinery spaces and cargo pumping rooms
9	Fixed pressure water spraying systems for cargo spaces
10	Fixed gas fire extinguishing systems
11	Fixed fire detection and fire alarm systems
12	Sample extraction smoke detection system
13	Fixed deck foam system
14	Inert gas systems

17th July 1986.

John Moore,
Secretary of State for Transport.

EXPLANATORY NOTE

(This Note is not part of the Rules.)

These Rules apply, to certain non-United Kingdom ships when in a port in the United Kingdom which are not required to comply with the International Conventions for the Safety of Life at Sea ("SOLAS") of 1960 (Cmnd 2812) and 1974 (Cmnd 7874) and the 1978 PROTOCOL to the 1974 Convention (Cmnd 7346) because they are expressly excluded from these Conventions by reason of size or by type of ship, specified requirements of:

the Merchant Shipping (Fire Protection) (Ships Built Before 25th May 1980) Regulations 1985, as amended;

the Merchant Shipping (Fire Appliances) Regulations 1980, as amended;
or

the Merchant Shipping (Fire Protection) Regulations 1984, as amended
as the requirements apply to United Kingdom ships of similar size and tonnage.

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