
STATUTORY INSTRUMENTS

1975 No. 330

The Fishing Vessels (Safety Provisions) Rules 1975

PART III

RULES FOR LIFE-SAVING APPLIANCES

A

LIFE-SAVING APPLIANCES AND EQUIPMENT

Requirements for vessels of 75 metres in length and over

76.—(1) Every vessel of 75 metres in length and over to which these Rules apply shall carry:—

- (a) at least two lifeboats, one of which shall be a motor lifeboat, attached to davits so arranged that there is at least one lifeboat on each side of the vessel, the lifeboats on each side of the vessel being of sufficient aggregate capacity to accommodate half the total number of persons on board the vessel;
- (b) at least two liferafts of sufficient aggregate capacity to accommodate not less than one-and-a-half times the total number of persons on board.

(2) In every such vessel—

- (a) the lifeboat davits shall be of the gravity type except that davits which serve a lifeboat weighing not more than 2.3 tonnes in the turning out condition may be of the luffing type;
- (b) the liferafts shall be so stowed that they can be readily transferred to the water on either side of the vessel.

(3) Every such vessel shall carry:—

- (a) a portable radio equipment which complies with Part I of Schedule 13 to these Rules or two portable radio equipments which comply with Part II of the said Schedule the batteries of which shall be renewed annually. Such radio equipment shall be kept in a suitable place ready to be moved into a lifeboat or a liferaft in case of emergency and in vessels where the disposition of superstructures or deckhouses is such that the main transmitter and lifeboats or liferafts are a substantial distance apart such equipment shall be kept in the vicinity of those lifeboats or liferafts which are furthest away from the main transmitter;
- (b) for every person on board weighing 32 kilogrammes or more a lifejacket which shall comply with the requirements of Part I of Schedule 11 to these Rules and for every person on board weighing less than 32 kilogrammes a lifejacket which shall comply with the requirements of Part II of the said Schedule;
- (c) a line-throwing appliance;
- (d) at least four lifebuoys which shall comply with the following provisions:—
 - (i) half the lifebuoys carried shall have self-igniting lights attached. Two of the lifebuoys having such lights attached shall be provided with self activating smoke signals capable of producing smoke of a highly visible colour for at least 15 minutes;

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- (ii) one lifebuoy on each side of the vessel shall have attached to it a buoyant line of at least 27 metres in length but any such lifebuoy having a line attached shall not have a self-igniting light;
- (iii) the two lifebuoys equipped with self-igniting lights and self-activating smoke signals shall be carried one on each side of the navigating bridge and, if reasonably practicable, so fitted as to be capable of quick release;
- (e) not less than 12 parachute distress rocket signals which comply with the requirements of Schedule 18 to these Rules.

Requirements for vessels of 45 metres in length and over but less than 75 metres in length

77.—(1) Every vessel of 45 metres in length and over but less than 75 metres in length to which these Rules apply shall carry either:—

- (a)
 - (i) at least two lifeboats attached to davits, so arranged that there is at least one lifeboat on each side of the vessel, the lifeboats on each side of the vessel being of sufficient aggregate capacity to accommodate half the total number of persons on board the vessel; and
 - (ii) at least two liferafts of sufficient aggregate capacity to accommodate not less than one-and-a-half times the total number of persons on board; or
- (b)
 - (i) on each side of the vessel one or more liferafts of sufficient aggregate capacity to accommodate the total number of persons on board. Each liferaft shall be of approximately the same capacity; and
 - (ii) a liferaft of sufficient capacity to accommodate at least half the total number of persons on board and which can be readily placed in the water on either side of the vessel provided that this additional liferaft shall not be required where the liferafts specified in subparagraph (b)(i) above can be readily placed in the water on the opposite side of the vessel to that on which they are stowed; and
 - (iii) a lifeboat, Class C boat or inflatable boat capable of being launched on one side of the vessel with its equipment and a launching crew of two persons when the vessel is upright or listed up to 15° in either direction provided that any lifeboat, Class C boat or inflatable boat carried in compliance with this sub-paragraph of this Rule shall be fitted with a suitable engine.

(2) In every such vessel lifeboat davits provided for the lifeboats carried under the provisions of paragraph 1(a)(i) above shall be of the gravity type except that davits which serve a lifeboat weighing not more than 2.3 tonnes in the turning out condition may be of the luffing type.

(3) In every such vessel liferafts carried under the provisions of paragraph (1)(a)(ii) above shall be so stowed that they can be readily transferred to the water on either side of the vessel.

(4) In every such vessel where the distance from the embarkation deck to the waterline in the lightest sea-going condition exceeds 4.6 metres the liferafts carried in compliance with paragraph (1)(b)(i) above shall be of the davit launched type. At least one launching appliance shall be provided on each side of the vessel for every two rafts carried.

(5) Every such vessel shall carry:—

- (a) a portable radio equipment which complies with Part I of Schedule 13 to these Rules or two portable radio equipments which comply with Part II of the said Schedule the batteries of which shall be renewed annually. Such radio equipment shall be kept in a suitable place ready to be moved into a lifeboat or a liferaft in case of emergency and in vessels where the disposition of superstructures or deckhouses is such that the main transmitter and lifeboats or liferafts are a substantial distance apart such equipment shall be kept in the vicinity of those lifeboats or liferafts which are furthest away from the main transmitter;

- (b) for every person on board weighing 32 kilogrammes or more a lifejacket which shall comply with the requirements of Part I of Schedule 11 to these Rules and for every person on board weighing less than 32 kilogrammes a lifejacket which shall comply with the requirements of Part II of the said Schedule;
- (c) a line-throwing appliance;
- (d) at least four lifebuoys which shall comply with the following provisions:—
 - (i) half the lifebuoys carried shall have self-igniting lights attached. Two of the lifebuoys having such lights attached shall be provided with self activating smoke signals capable of producing smoke of a highly visible colour for at least 15 minutes;
 - (ii) one lifebuoy on each side of the vessel shall have attached to it a buoyant line of at least 27 metres in length but any such lifebuoy having a line attached shall not have a self-igniting light;
 - (iii) the two lifebuoys equipped with self-igniting lights and self-activating smoke signals shall be carried one on each side of the navigating bridge, and if reasonably practicable, so fitted as to be capable of quick release;
- (e) not less than 12 parachute distress rocket signals which comply with the requirements of Schedule 18 to these Rules.

Requirements for vessels of 24.4 metres in length and over but less than 45 metres in length

78.—(1) Every vessel of 24.4 metres in length and over but less than 45 metres in length to which these Rules apply shall carry either:—

- (a) (i) a lifeboat attached to a mechanically controlled single arm davit of sufficient capacity to accommodate the total number of persons on board the vessel; and
 - (ii) liferafts on the following scale:—
 - vessels with 16 or more persons on board—at least two liferafts of sufficient aggregate capacity to accommodate the total number of persons on board;
 - vessels with fewer than 16 persons on board—at least one liferaft of sufficient capacity to accommodate the total number of persons on board; or
- (b) (i) a lifeboat, Class C boat or suitable inflatable boat which shall be capable of being launched on one side of the vessel; and
 - (ii) at least two liferafts of sufficient aggregate capacity to accommodate twice the total number of persons on board.

(2) In every such vessel liferafts carried in compliance with this Rule shall be so stowed that they can be readily transferred to the water on either side of the vessel.

(3) Every such vessel shall carry:—

- (a) a portable radio equipment which shall comply with Schedule 13 to these Rules provided that the batteries of any radio equipments which comply with Part II of the said Schedule shall be renewed annually. Such radio equipment shall be kept in a suitable place ready to be moved into a lifeboat or a liferaft in case of emergency and, in vessels where the disposition of superstructures or deckhouses is such that the main transmitter and lifeboats or liferafts are a substantial distance apart, such equipment shall be kept in the vicinity of those lifeboats or liferafts which are furthest away from the main transmitter;
- (b) for every person on board weighing 32 kilogrammes or more a lifejacket which shall comply with the requirements of Part I of Schedule 11 to these Rules and for every person on board weighing less than 32 kilogrammes a lifejacket which shall comply with the requirements of Part II of the said Schedule;

- (c) a line-throwing appliance;
- (d) at least four lifebuoys which shall comply with the following provisions:—
 - (i) half the lifebuoys carried shall have self-igniting lights attached. Two of the lifebuoys having such lights attached shall be provided with self activating smoke signals capable of producing smoke of a highly visible colour for at least 15 minutes;
 - (ii) one lifebuoy on each side of the vessel shall have attached to it a buoyant line of at least 27 metres in length but any such lifebuoy having a line attached shall not have a self-igniting light;
 - (iii) the two lifebuoys equipped with self-igniting lights and self-activating smoke signals shall be carried one on each side of the navigating bridge, and if reasonably practicable, so fitted as to be capable of quick release;
- (e) not less than 12 parachute distress rocket signals which comply with the requirements of Schedule 18 to these Rules.

Requirements for vessels of 17 metres in length and over but less than 24.4 metres in length

79. Every vessel of 17 metres in length and over but less than 24.4 metres in length to which these Rules apply shall carry:—

- (a) at least two liferafts of sufficient aggregate capacity to accommodate twice the number of persons on board. The liferafts shall be so stowed that they can be readily transferred to the water on either side of the vessel;
- (b) a portable radio equipment which complies with Schedule 13 to these Rules. The batteries of any radio equipment which comply with Part II of the said Schedule shall be renewed annually;
- (c) for every person on board weighing 32 kilogrammes or more a lifejacket which shall comply with the requirements of Part I of Schedule 11 to these Rules and for every person on board weighing less than 32 kilogrammes a lifejacket which shall comply with the requirements of Part II of the said Schedule;
- (d) a line-throwing appliance;
- (e) at least four lifebuoys which shall comply with the following provisions:—
 - (i) half the lifebuoys carried shall have self-igniting lights attached. Two of the lifebuoys having such lights attached shall be provided with self-activating smoke signals capable of producing smoke of a highly visible colour for at least 15 minutes;
 - (ii) one lifebuoy on each side of the vessel shall have attached to it a buoyant line of at least 27 metres in length but any such lifebuoy having a line attached shall not have a self-igniting light;
 - (iii) the two lifebuoys equipped with self-igniting lights and self-activating smoke signals shall be carried one on each side of the navigating bridge and, if reasonably practicable, so fitted as to be capable of quick release;
- (f) not less than 12 parachute distress rocket signals which comply with the requirements of Schedule 18 to these Rules.

Requirements for vessels of 12 metres in length and over but less than 17 metres in length

80. Every vessel of 12 metres in length and over but less than 17 metres in length to which these Rules apply shall carry:—

- (a) one or more liferafts of sufficient aggregate capacity to accommodate the total number of persons on board. The liferafts shall be so stowed that they can be readily transferred to the water on either side of the vessel;
- (b) for every person on board weighing 32 kilogrammes or more a lifejacket which shall comply with the requirements of Part I of Schedule 11 to these Rules and for every person on board weighing less than 32 kilogrammes a lifejacket which shall comply with Part II of the said Schedule;
- (c) at least two lifebuoys which shall comply with the following provisions:—
 - (i) half of the lifebuoys carried shall have self-igniting lights attached. One of the lifebuoys having such a light attached shall be provided with a self-activating smoke signal capable of producing smoke of a highly visible colour for at least 15 minutes;
 - (ii) one lifebuoy shall have attached to it a buoyant line of at least 18 metres in length but any such lifebuoy having a line attached shall not have a self-igniting light;
- (d) a line throwing appliance;
- (e) not less than 12 parachute distress rocket signals which comply with the requirements of Schedule 18 to these Rules.

Requirements for vessels less than 12 metres in length

- 81.** Every vessel of less than 12 metres in length to which these Rules apply shall carry:—
- (a) lifebuoys at least equal in number to half the total number of persons on board and in no case less than two lifebuoys;
 - (b) a buoyant heaving line at least 18 metres in length shall be attached to one lifebuoy;
 - (c) not less than six red star distress signals each of which shall be capable of emitting two or more red stars either together or separately at or to a height of not less than 45 metres; each such star shall burn with a luminosity of at least 5,000 candelas for not less than five seconds.

General requirements for lifeboats

82.—(1) Lifeboats carried in any vessel to which these Rules apply shall comply with the requirements specified in Schedule 4 to these Rules.

(2) Subject to the provisions of paragraphs (3) and (4) below, the number of persons which such a lifeboat shall be deemed fit to accommodate shall be equal to the greatest whole number obtained by the formula v/x where “v” is the cubic capacity of the lifeboat in cubic metres determined in accordance with the provisions of Schedule 5 to these Rules and “x” is the volume in cubic metres for each person and which shall be 0.283 for a lifeboat of 7.3 metres in length or over and 0.453 for a lifeboat of 3.65 metres in length. For intermediate lengths of lifeboats the value of “x” shall be determined by interpolation.

(3) The number of persons which such a lifeboat is deemed fit to accommodate shall not exceed the number of adult persons wearing lifejackets for which there is proper seating accommodation arranged in such a way that the persons when seated do not interfere in any way with the use of the oars or the operation of other propulsion equipment.

(4) No such lifeboat shall be deemed fit to accommodate more than 60 persons unless it is a motor lifeboat.

(5) Every such lifeboat being a motor lifeboat shall in addition to complying with the requirements of Schedule 4 to these Rules comply with the following requirements:—

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- (a) it shall be fitted with a compression ignition engine and such engine and its accessories shall comply with the requirements of Schedule 6 to these Rules and shall be kept so as to be at all time ready for use;
- (b) it shall be provided with sufficient fuel for 24 hours continuous operation at the speed and under the conditions specified in sub paragraph (d) below;
- (c) it shall be capable of going astern;
- (d) it shall be capable of going ahead in smooth water when loaded with its full complement of persons and equipment at a speed of 4 knots.

General requirements for Class C boats

83. Class C boats carried in any vessel to which these Rules apply shall comply with the requirements of Schedule 7 to these Rules.

General requirements for inflatable boats

84. Inflatable boats carried in any vessel to which these Rules apply shall comply with the requirements of Schedule 8 to these Rules.

General requirements for liferafts

85.—(1) Liferafts carried in any vessel to which these Rules apply shall comply with the requirements of Part I of Schedule 9 to these Rules if they are inflatable liferafts and Part II of the said Schedule if they are rigid liferafts.

(2) Any such liferafts which are required to comply with Part I of Schedule 9 to these Rules shall be surveyed at intervals of not more than 12 months provided that in any case where this is not reasonably practicable, such interval may be extended by a period not exceeding three months.

Marking of lifeboats, Class C boats, inflatable boats and liferafts

86.—(1) On every lifeboat or Class C boat carried in any vessel to which these Rules apply there shall be clearly marked in permanent characters the dimensions of the lifeboat or Class C boat as the case may be and the number of persons which each is deemed fit to accommodate. The name and port of registry of the vessel to which the lifeboat or Class C boat belongs shall be painted on each side of the boat.

(2) Every liferaft which complies with Part I of Schedule 9 to these Rules and which is carried in any vessel to which these Rules apply shall be clearly marked in permanent characters with the number of persons which the liferaft is deemed fit to accommodate. Such number of persons shall also be clearly marked in permanent characters on the valise or other container in which the liferaft is contained when not in use. Every such liferaft shall also bear—

- (a) the manufacturer's name and liferaft serial number; and
- (b) the vessel's name and port of registry; or
- (c) the vessel's fishing number; or
- (d) a serial number allocated by the owner of the vessel or an organisation hiring or controlling the distribution of liferafts to fishing vessels which shall enable the vessel on which the liferaft is for the time being carried to be readily identified.

(3) On every liferaft which complies with Part II of Schedule 9 to these Rules and which is carried in any vessel to which these Rules apply there shall be marked the name and port of registry of the vessel in which it is carried and the number of persons the liferaft is deemed fit to carry.

(4) On every inflatable boat which complies with Schedule 8 to these Rules and which is carried in any vessel to which these Rules apply there shall be marked—

- (a) the number of persons the inflatable boat is deemed fit to accommodate; and
- (b) the date of manufacture, maker's name or trade mark and serial number of the inflatable boat; and
- (c) the name, port of registry and fishing vessel number of the vessel to which the inflatable boat belongs.

Requirements for lifebuoys

87.—(1) Lifebuoys carried in every vessel of 17 metres in length and over to which these Rules apply shall comply with the requirements of Part I of Schedule 10 to these Rules.

(2) Lifebuoys carried in every vessel of less than 17 metres in length to which these Rules apply shall comply with the requirements of either Part I or Part II of Schedule 10 to these Rules. The lifebuoys carried shall not be so mixed as to comprise at any one time lifebuoys complying with Part I and lifebuoys complying with Part II of the said Schedule.

(3) Lifebuoys carried in every vessel to which these Rules apply shall weigh not less than 4.3 kilogrammes where the release of a self-igniting light depends upon the weight of the lifebuoy.

Requirements for self-igniting lights attached to lifebuoys

88. Self-igniting lights attached to lifebuoys carried in any vessel to which these Rules apply shall be such that they cannot be extinguished in water. They shall be capable of burning for not less than 45 minutes and shall have a luminosity of not less than 2 candelas in all directions of the upper hemisphere.

Requirements for line-throwing appliances

89. Line-throwing appliances carried in any vessel to which these Rules apply shall comply with the requirements of Schedule 12 to these Rules.

Equipment for lifeboats and Class C boats

90.—(1) Subject to the provisions of paragraphs (2) and (3) below, the equipment of every lifeboat which is carried in any vessel to which these Rules apply in compliance with Rules 76(1)(a), 77(1)(a)(i) or 78(1)(a)(i) shall be as follows:—

- (a) a single banked complement of oars, two spare buoyant oars, and a buoyant steering oar; one set and a half of crutches attached to the lifeboat by lanyard or chain; a boat hook;
- (b) two plugs for each plug hole (except where proper automatic valves are fitted) attached to the lifeboat by lanyards or chains, a bailer and two buckets;
- (c) a rudder attached to the lifeboat and a tiller;
- (d) a lifeline becketed round the outside of the lifeboat; means to enable persons to cling to the lifeboat if upturned, in the form of bilge keels or keel rails, together with grab lines secured from gunwale to gunwale under the keel;
- (e) a locker conspicuously marked as such, suitable for the stowage of small items of equipment;
- (f) two hatchets, one at each end of the lifeboat;
- (g) a lamp with oil sufficient for 12 hours;
- (h) a watertight box containing two boxes of matches not readily extinguished by wind;

- (i) a mast or masts with galvanised wire stays together with orange coloured sails which shall be marked for identification purposes with the first and last letter of the name of the vessel to which the lifeboat belongs;
- (j) a compass in a binnacle complying with the requirements of Part I of Schedule 14 to these Rules;
- (k) a sea anchor complying with the requirements of Part II of Schedule 14 to these Rules;
- (l) two painters of sufficient length and size. One such painter shall be secured to the forward end of the lifeboat with a strop and toggle so that it can be readily released and the second such painter shall be firmly secured to the stem of the lifeboat and be ready for use;
- (m) a vessel containing one gallon of vegetable, fish or animal oil. A means shall be provided to enable such oil to be easily distributed on the water and such means shall be so arranged that such vessel can be attached to the sea anchor;
- (n) four parachute distress rocket signals complying with the requirements of Part III of Schedule 14 to these Rules and six hand-held distress flare signals complying with the provisions of Part IV of the said Schedule;
- (o) two buoyant smoke signals complying with the requirements of Part V of Schedule 14 to these Rules;
- (p) a first aid outfit complying with the requirements of Part VI of Schedule 14 to these Rules;
- (q) a waterproof electric torch suitable for morse-signalling, together with one spare set of batteries and one spare bulb in a waterproof container;
- (r) a daylight signalling mirror;
- (s) a jack-knife fitted with a tin-opener to be kept attached to the lifeboat with a lanyard;
- (t) two light buoyant heaving lines;
- (u) a manual pump complying with the requirements of Part VII of Schedule 14 to these Rules;
- (v) a whistle;
- (w) a fishing line and six hooks;
- (x) a cover of a highly visible colour capable of protecting the occupants against injury by exposure;
- (y) a copy of a suitable rescue signal table;
- (z) means to enable persons in the water to climb into the lifeboat.

(2) No motor lifeboat carried in any vessel to which these Rules apply shall be required to carry a mast or sails nor more than half the complement of oars. Every such lifeboat shall carry two boat hooks.

(3) Every motor lifeboat carried in any vessel to which these Rules apply shall carry at least two portable fire extinguishers capable of discharging foam or other substance suitable for extinguishing oil fires, a receptacle containing a sufficient quantity of sand and a scoop for distributing the sand. Such portable fire extinguishers shall be of a type complying with the requirements of Rule 110 of these Rules, except that the capacity of each extinguisher shall not be required to exceed 4.5 litres of fluid or other extinguishing medium.

(4) Every lifeboat or Class C Boat which is carried in any vessel to which these Rules apply in compliance with Rules 77(1)(b)(iii) or 78(1)(b)(i) shall be equipped as follows:—

- (a) a single complement of buoyant oars and one spare buoyant oar provided that there shall never be less than three oars; one set of crutches attached to the boat by lanyard or chain; a boat hook;

- (b) two plugs for each plug hole (except where proper automatic valves are fitted) attached to the boat by lanyards or chains; a bailer and a bucket;
- (c) a rudder attached to the boat and a tiller;
- (d) a lifeline becketed round the outside of the boat;
- (e) a locker conspicuously marked as such, suitable for the stowage of small items of equipment;
- (f) a painter of sufficient length and size secured to the forward end of the boat with a strop and toggle so that it can be readily released;
- (g) means to enable persons to cling to the boat if upturned, in the form of bilge keels or keel rails;
- (h) a waterproof electric torch suitable for morse-signalling together with one spare set of batteries and one spare bulb in a waterproof container;
- (i) two light buoyant heaving lines.

Equipment for inflatable boats

91. Every inflatable boat which is carried in any vessel to which these Rules apply in compliance with Rules 77(1)(b)(iii) or 78(1)(b)(i) shall be provided with the equipment specified in paragraph 14 of Schedule 8 to these Rules.

Rations for lifeboats

92.—(1) Every lifeboat carried in any vessel to which these Rules apply shall be provided with at least 3 litres of fresh water for each person whom it is deemed fit to accommodate, or at least 2 litres of fresh water for each such person together with a desalting apparatus capable of providing at least 1 litre of drinking water for each such person and in either case the total quantity of water shall be increased as far as is practicable;

provided that this Rule shall not apply to any lifeboat which is carried as an alternative to a Class C boat.

(2) In every such lifeboat the water shall be kept in suitable containers and there shall be provided at least one dipper, which shall be attached to the containers by a lanyard, and three rust-proof drinking vessels (one graduated in 10, 20 and 50 cc) provided that a container of not more than 2 litre capacity shall not be required to be provided with a dipper. The water shall be frequently changed so as to ensure that it is always clean and fit for drinking.

Security of equipment and rations in lifeboats, Class C boats and inflatable boats

93.—(1) All items of equipment provided in any lifeboat, Class C boat or inflatable boat carried in any vessel to which these Rules apply shall be secured within the lifeboat or boat with the exception of the boat hook which shall be kept free for fending-off purposes. Any lashing shall be carried out in such a manner as to ensure the security of the equipment and so as not to interfere with the lifting hooks, if fitted, or to prevent ready embarkation. All items of such equipment shall be as small and as light in weight as possible and shall be packed in suitable and compact form.

(2) Any rations which may be provided in a lifeboat carried in any vessel to which these Rules apply shall be stowed in watertight tanks, which shall be firmly secured to the lifeboat.

(3) The tanks for any such water rations in a lifeboat carried in any vessel to which these Rules apply shall be conspicuously marked “water”.

Equipment and rations for liferafts

94. The equipment and rations provided in every liferaft carried in any vessel to which these Rules apply shall be as follows:—

- (a) one buoyant rescue quoit, attached to at least 30 metres of buoyant line;
- (b) for liferafts which are fit to accommodate not more than 12 persons; one safety knife and one bailer;
for liferafts which are fit to accommodate 13 persons or more: two safety knives and two bailers;
- (c) two sponges;
- (d) two sea anchors, one permanently attached to the liferaft and one spare with line;
- (e) two paddles;
- (f) one repair outfit capable of repairing punctures in buoyancy compartments unless the liferaft complies with the requirements of Part II of Schedule 9 to these Rules;
- (g) one topping-up pump or bellows, unless the liferaft complies with Part II of Schedule 9 to these Rules;
- (h) three safety tin openers;
- (i) a first aid outfit complying with the requirements of Part VI of Schedule 14 to these Rules;
- (j) one rust-proof drinking vessel, graduated in 10, 20, and 50 cc;
- (k) one waterproof electric torch suitable for morse-signalling together with one spare set of batteries and spare bulb in a waterproof container;
- (l) one daylight signalling mirror and one signalling whistle;
- (m) two parachute distress rocket signals complying with the requirements of Part III of Schedule 14 to these Rules;
- (n) six hand-held distress flare signals complying with the requirements of Part IV of Schedule 14 to these Rules;
- (o) one fishing line and six hooks;
- (p) 340 grammes of suitable non-thirst-provoking food providing at least 4.8 calories per gramme weight and 170 grammes of barley sugar or other equally suitable sweets for each person the liferaft is deemed fit to accommodate;
- (q) watertight receptacles containing 1 ½ litres of fresh water for each person the liferaft is deemed fit to accommodate, of which ½ litre per person may be replaced by a suitable desalting apparatus capable of producing an equal amount of fresh water;
- (r) six anti-seasickness tablets for each person which the liferaft is deemed fit to accommodate;
- (s) instructions printed in the English language on how to survive in the liferaft;
- (t) one copy of a suitable rescue signal table.

General provisions relating to the stowage and handling of life-saving appliances

95.—(1) In every vessel to which these Rules apply the arrangement of each lifeboat, Class C boat, inflatable boat or liferaft where carried shall be such that it will not interfere with the operation of other life-saving appliances or impede in any way their prompt handling or the marshalling of persons at the launching stations or their embarkation.

(2) In every such vessel lifeboats, Class C boats, inflatable boats or liferafts shall be so stowed that they can all be launched safely in the shortest possible time.

Stowage and handling of lifeboats and Class C boats

96.—(1) In every vessel to which these Rules apply subject to the provisions of paragraphs (2) and (3) below every lifeboat attached to a set of davits, other than a lifeboat which is carried as an alternative to a Class C boat, shall be so arranged that even under unfavourable conditions of trim and of up to 15 degrees of list either way it can be put into the water when loaded with its full complement of persons and equipment required by these Rules.

(2) In every such vessel, every lifeboat which is carried as an alternative to a Class C boat and every Class C boat which is attached to a davit or set of davits other than a mechanically controlled single-arm davit shall be so arranged that when loaded with its equipment required by these Rules and a launching crew of two persons it can be put into the water on one side of the vessel when the vessel is upright or is listed to 15 degrees towards that side.

(3) In every such vessel every lifeboat or Class C boat attached to a mechanically controlled single-arm davit shall be so arranged that when loaded with its equipment required by these Rules and a launching crew of two persons it can be put into the water on one side of the vessel when the vessel is upright or is listed up to 15 degrees towards that side, except that in vessels which carry a lifeboat in compliance with Rule 78(1)(a)(i) of these Rules the lifeboat shall be so arranged that when loaded with its required equipment and a launching crew of two persons it can be put into the water on either side of the vessel or, if the vessel has a list, on the side to which the vessel is listed.

(4) In every such vessel every lifeboat or Class C boat carried in compliance with Rules 77(1)(b)(iii) or 78(1)(b)(i) of these Rules, if not attached to a davit or set of davits, shall be attached to a device which shall be provided primarily for the purpose of launching the boat and which shall be capable of putting the boat into the water on one side of the vessel when it is loaded with its equipment required by these Rules and a launching crew of two persons and when the vessel is upright or is listed up to 15 degrees towards that side.

(5) In every such vessel not more than one lifeboat or Class C boat shall be attached to any set of davits, davit or other means of launching.

(6) In every such vessel lifeboats shall only be stowed on more than one deck on condition that proper measures are taken to prevent lifeboats on a lower deck being fouled by those stowed on a deck above.

(7) In every such vessel lifeboats shall not be placed in the bows of the vessel, and they shall be situated in such positions as to ensure safe launching having particular regard to clearance from the propeller and steeply overhanging portions of the hull aft, and to ensure so far as is practicable that they can be launched down the straight side of the vessel.

(8) In every such vessel davits, where fitted, shall be suitably placed.

(9) In every such vessel davits, winches, falls, blocks and all other launching gear provided in accordance with these Rules shall comply with the requirements of Schedule 15 to these Rules.

(10) In every such vessel all lifeboats or Class C boats attached to davits shall be served by wire rope falls and winches in the following cases:—

- (a) when they are attached to gravity davits; or
- (b) when they are attached to mechanically controlled single-arm davits; or
- (c) when the weight of the attached lifeboat or Class C boat in the lowering condition exceeds 2.3 tonnes.

(11) In every such vessel in which lifeboats or Class C boats are served by wire rope falls, winches shall be provided for handling such falls.

(12) In every such vessel where davits are recovered by action of the falls by power, safety devices shall be fitted which will automatically cut off the power before the davits come against the stops and ensure that the wire rope falls or davits are not over-stressed.

(13) In every such vessel to facilitate the launching of lifeboats against a list of 15 degrees, skates or other suitable means shall be provided for any lifeboat stowed under davits which are of such strength that the lifeboat can be lowered with its full complement of persons and its equipment required by these Rules.

(14) In every such vessel means shall be provided for bringing the lifeboats, which are required to be capable of being lowered in the fully loaded condition, against the vessel's side and for holding them there for the safe embarkation of persons.

(15) In every such vessel other than a vessel in which the lifeboat or Class C boat is attached to a mechanically controlled single-arm davit, the davits shall be fitted with a wire rope span so positioned that when the boat is in the lowering position the span is as near as practicable over the centre line of the boat. There shall be at least two lifelines fitted to the span and the lifelines shall be long enough to reach the water with the vessel at her lightest seagoing draught and listed to 15 degrees either way.

(16) In every such vessel lifeboats and Class C boats attached to davits shall have the falls ready for service and the falls shall be at least long enough to reach the water with the vessel at her lightest sea-going draught and listed to 15 degrees either way. Means shall be provided for detaching the lifeboats or Class C boats from the falls. Lower fall blocks shall be fitted with a suitable ring or long link for attaching to the sling hooks, unless disengaging gear complying with the requirements of Schedule 16 to these Rules is fitted. The points of attachment of the lifeboats and Class C boats to the falls shall be at such height above the gunwale as to ensure stability when lowering the lifeboats or Class C boats.

(17) In every such vessel when a lifeboat is attached to any set of davits, davit, or other means of launching not of sufficient strength that the lifeboat can be safely lowered into the water when loaded with its full complement of persons and equipment required by these Rules under the conditions of Trim and List specified in these Rules, or when any Class C boat not of sufficient strength that it can be safely lowered into the water when loaded with its full complement of persons and equipment required by these Rules is attached to any set of davits, davit, or other means of launching, each davit or other means of launching shall be conspicuously marked with a red band 150 millimetres wide painted on a white background.

Stowage and handling of inflatable boats

97.—(1) A mechanical appliance for the launching and recovering of inflatable boats shall be provided in every vessel to which these Rules apply which carries an inflatable boat in compliance with these Rules. Such appliance shall be capable of launching and recovering the inflatable boat when the vessel is upright or listed up to 15 degrees towards the side on which the appliance is fitted.

(2) The working load of every such appliance shall be taken to be the sum of the weights of:—

- (a) the inflatable boat and its full equipment;
- (b) the blocks and falls;
- (c) a launching crew of two persons at 75 kilogrammes each;
- (d) a weight of 60 kilogrammes or the weight of the engine together with its fuel tank and at least sufficient fuel for three hours operation, whichever is the greater.

(3) In association with the working load defined in paragraph (2) above every such appliance shall be designed to have a factor of safety of 5 when the vessel is upright and 4.5 when the vessel has a trim of 10 degrees and is listed 15 degrees to either side.

(4) Every such appliance shall be tested to a static load of 2.2 times the working load.

(5) Blocks provided with every such appliance shall be proof tested to 2.5 times the working load and falls shall have a factor of safety of 6.0.

(6) Every such appliance shall be—

- (a) capable of recovering the inflatable boat and bringing it on board with an injured man and one crew member;
- (b) readily available and not stowed or used for any other purpose while the vessel is at sea;
- (c) provided with suitable means for manual operation;
- (d) satisfactorily tested after installation.

(7) Every such appliance shall be provided with a winch when the inflatable boat is situated more than 4.6 metres above the lightest sea-going waterline. The winch shall be adequate for the lowering operation and shall be tested to 1.5 times the working load. The brake gear of the winch shall include means for automatically controlling the lowering speed to not less than 18 metres per minute or greater than 36 metres per minute.

Stowage and handling of liferafts, lifebuoys and lifejackets

98.—(1) In every vessel to which these Rules apply, liferafts shall be so stowed that they can be put into the water safely even under unfavourable conditions of trim and of up to 15 degrees of list either way.

(2) In every such vessel every liferaft launching appliance shall comply with the requirements of Schedule 17 to these Rules.

(3) In every such vessel liferafts for which launching appliances are provided, and such launching appliances, shall not be placed in the bows of the vessel and shall be so placed as to ensure safe launching having particular regard to clearance from the propeller and steeply over-hanging portions of the hull aft, and to ensure so far as is practicable that they can be launched down the straight side of the vessel.

(4) In every such vessel means shall be provided for bringing liferafts for which launching appliances are provided, against the vessel's side and for holding them there for the safe embarkation of persons.

(5) In every such vessel lifebuoys shall be so stowed as to be readily accessible to all persons on board, and in such a way that they can be rapidly cast loose.

(6) In every such vessel lifejackets shall be so stowed as to be readily accessible to all persons on board. Their position shall be clearly and permanently indicated.

Embarkation into lifeboats, Class C boats, inflatable boats and liferafts

99.—(1) In every vessel to which these Rules apply arrangements shall be made to ensure that it is possible to effect embarkation into any lifeboats, Class C boats, inflatable boats and liferafts rapidly and in good order.

(2) In every such vessel arrangements shall be made for warning the crew when the vessel is about to be abandoned.

(3) In every vessel of 45 metres in length and over to which these Rules apply one ladder shall be carried at each set of lifeboat davits where the davits are capable of lowering the lifeboat when loaded with its full complement of persons and its equipment required by these Rules.

(4) In every vessel to which these Rules apply which carries a Class C boat or a lifeboat which is not capable of being lowered into the water when loaded with its full complement of persons and its equipment required by these Rules, suitable means shall be provided for embarking persons into the boat.

(5) In every such vessel the ladders provided in compliance with paragraph (3) above shall be of sufficient length to reach the water line with the vessel at her lightest sea-going draught and listed to 15 degrees either way.

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(6) In every such vessel where liferafts are the prime survival craft ladders or other suitable means shall be provided for safe embarkation into the liferafts.

(7) Every such vessel shall be provided with means situated outside the machinery spaces whereby any discharge of water into the lifeboats, or into liferafts at fixed launching positions, including those under launching appliances, can be prevented.

(8) In every such vessel means shall be provided for the electric lighting of the launching gear for lifeboats, inflatable boats or davit launched rafts during the preparation for and process of launching and also for the lighting of the stowage position of the liferafts.

Stowage of pyrotechnic distress signals

100. In every vessel to which these Rules apply all pyrotechnic distress signals shall be packed in a watertight container and shall be clearly and indelibly labelled to indicate their purpose.