

requirements of Part VII of this performance standard shall be fitted inside the liferaft.

(14) Each inflatable liferaft shall be fitted with equipment complying with the relevant requirements of Part IV of this performance standard.

4. Containers for Inflatable Liferafts—(1) The liferaft shall be packed in a container that is:

(a) so constructed as to withstand conditions encountered at sea;

(b) of sufficient inherent buoyancy, when packed with the liferaft and its equipment, to pull the painter from within and to operate the inflation mechanism should the ship sink;

(c) as far as practicable watertight, except for drain holes in the container bottom.

(2) The liferaft shall be packed in its container in such a way as to ensure, as far as possible, that the waterborne liferaft inflates in an upright position on breaking free from its container.

(3) The container shall be marked with:

(a) maker's name or trade mark;

(b) serial number;

(c) M.O.T. APPROVED, (or mark of another approving authority) and the number of persons it is permitted to carry;

(d) SOLAS 86;

(e) type of emergency pack enclosed;

(f) date when last serviced;

(g) length of painter;

(h) maximum permitted height of stowage above waterline (depending on drop-test height and length of painter);

(i) launching instructions.

5. Markings on Inflatable Liferafts—The liferaft shall be marked with:

(a) maker's name or trade mark;

(b) serial number;

(c) date of manufacture (month and year);

(d) M.O.T. APPROVED (or mark of other approving authority);

(e) name and place of servicing station where it was last serviced;

(f) number of persons it is permitted to accommodate over each entrance in characters not less than 100mm in height, of a colour contrasting with that of the liferaft canopy.

6. Davit-launched Inflatable Liferafts—(1) In addition to the above requirements, a liferaft for use with an approved launching appliance complying with Part III of the Performance Standard for Launching Appliances shall:

(a) when the liferaft is loaded with its full complement of persons and equipment, be capable of withstanding a lateral impact against the ship's side at an impact velocity of not less than 3.5 metres per second and also a drop into the water from a height of not less than 3 metres without damage that will affect its function;

(b) be provided with means for bringing the liferaft alongside the embarkation deck and holding it securely during embarkation. The distance between the liferaft and the bowing line securing point shall be kept to a minimum to restrict movement of the liferaft during boarding;

(c) when suspended from its lifting hook or bridle withstand a load of:

(i) 4 times the mass of its full complement of persons and equipment, at an ambient temperature and a stabilised liferaft temperature of $20^{\circ}\text{C} \pm 3^{\circ}\text{C}$ with all relief valves inoperative; and

(ii) 1.1 times the mass of its full complement of persons and equipment at an ambient temperature and a

stabilised liferaft temperature of -30°C with all relief valves operative.

(2) Rigid containers for liferafts to be launched by a launching appliance shall be so secured that the container or parts of it are prevented from falling into the sea during inflation and launching of the liferaft.

(3) Every passenger ship davit-launched liferaft shall be so arranged that it can be rapidly boarded by its full complement of persons.

(4) Every cargo ship davit-launched inflated liferaft shall be so arranged that it can be boarded by its full complement of persons in not more than 3 minutes from the time the instruction to board is given.

7. Instructions and Information—(1) Instructions and information required for inclusion in the training manual specified in Part I of the Performance Standard for Training Manual and Maintenance Instructions and in the instructions for on-board maintenance specified in Part II of the Performance Standard for Training Manual and Maintenance Instructions shall be in a form suitable for inclusion in such training manual and instructions for on-board maintenance. Instructions and information shall be in English in a clear and concise form and shall include as appropriate the following:

(a) general description of the liferaft and its equipment;

(b) installation arrangements;

(c) operational instructions including use of associated survival equipment;

(d) survival instructions;

(e) emergency repair instructions;

(f) deployment, boarding and launching instructions;

(g) method of launching from within the raft;

(h) release from launching appliance;

(i) on board maintenance requirements;

(j) servicing requirements.

PART II

Inflatable Liferafts (Non SOLAS)

8. General—(1) Liferafts carried on board ships of Classes III, IV, V, VI, IX and X (Coastal) shall comply with the requirements of Part 1 of this performance standard provided that clauses 1(b), 2(2), 2(5)(f), 2(7)(a), 2(8), 2(11), 3(3), 3(5), 4(3)(d) and 6(1)(c)(ii), may be modified as follows:

(a) the drop height of 18 metres referred to in clause 2(2) of Part I may be 6 metres; if the liferaft is to be stowed at a height of more than 6 metres above the waterline in the lightest seagoing condition, it shall be of a type which has been satisfactorily drop-tested from at least that height;

(b) the means for collecting rain referred to in clause 2(5)(f) of Part 1 need not be provided;

(c) the means for insulating the floor of the liferaft against cold as referred to in clause 2(7)(a) of Part I need not be provided;

(d) the temperature of -30°C referred to in clauses 1(b), 2(8) and 6(1)(c)(ii) of Part 1 may be -18°C ;

(e) the minimum carrying capacity of liferafts may be 4 persons provided that liferafts which are deemed fit to accommodate less than 6 persons shall only be carried on such ships on which the total number of persons on board is less than 6;

(f) the liferaft shall be fitted with an efficient painter of length equal to not less than twice the distance from the stowed position to the waterline in the lightest seagoing condition or 10 metres whichever is the greater.

(g) the semi-rigid boarding ramp(s) referred to in clause 3(5) of Part I need not be fitted.

(h) the container shall be marked with M.O.T. (NZ)'86 or