

(x) a manual pump complying with the requirements of Part VIII of this performance standard;

(y) 1 set of fishing tackle;

(z) sufficient tools for minor adjustments to the engine and its accessories;

(aa) 2 portable fire-extinguishers suitable for extinguishing oil fires;

(ab) a searchlight capable of effectively illuminating a light-coloured object at night having a width of 18 metres at a distance of 180 metres for a total period of 6 hours and of working for not less than 3 hours continuously;

(ac) an efficient radar reflector;

(ad) thermal protective aids sufficient for 10 percent of the number of persons the lifeboat is permitted to accommodate or 2, whichever is the greater.

8. Instructions and Information—Instructions and information required for inclusion in the training manual specified in Part I of the Performance Standard for Training Manual and Maintenance Instructions issued under the L.S.A Regulations 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 the following:

(a) general description of the lifeboat 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 boat;

(h) release from launching appliance;

(i) on-board maintenance requirements;

(j) servicing requirements;

(k) use of engine and accessories; and

(l) recovery of boat including stowage and securing.

PART II

Partially Enclosed Lifeboats

9. All partially enclosed lifeboats shall comply with the requirements of Part I of this performance standard, and in addition shall comply with the requirements of this Part.

10. Means of Bailing—Every partially enclosed lifeboat shall be provided with effective means of bailing or be automatically self-bailing.

11. Enclosure—(1) Permanently attached rigid covers shall be provided extending over not less than 20 percent of the length of the lifeboat from the stem and not less than 20 percent of the length of the lifeboat from the aftermost part of the lifeboat.

(2) The rigid covers shall form 2 shelters. The interior height of the shelters shall be sufficient to permit persons easy access to their seats in the bow and stern of the lifeboat.

(3) The rigid covers shall be so arranged that they include windows or translucent panels to admit sufficient daylight to the inside of the lifeboat with the openings or canopies closed so as to make artificial light unnecessary.

(4) The rigid covers shall have railings to provide a secure handhold for persons moving about the exterior of the lifeboat.

(5) Open parts of the lifeboat shall be fitted with a permanently attached foldable canopy so arranged that:

(a) it can be easily erected by not more than 2 persons; and

(b) it is insulated to protect the occupants against cold by means of not less than 2 layers of material separated by an air gap or other equally efficient means; means shall be provided to prevent accumulation of water in the air gap.

(6) The enclosure formed by the rigid covers and canopy shall be so arranged:

(a) as to allow launching and recovery operations to be performed without any occupant having to leave the enclosure;

(b) that it has entrances at both ends and on each side, provided with efficient adjustable closing arrangements which can be easily and quickly opened and closed from inside or outside so as to permit ventilation but exclude seawater, wind and cold. Means shall be provided for holding the entrances securely in the open and in the closed position;

(c) that with the canopy erected and all entrances closed, sufficient air is admitted for the occupants at all times;

(d) that it has means for collecting rainwater;

(e) that the exterior of the rigid covers and canopy and the interior of that part of the lifeboat covered by the canopy is of a highly visible colour. The interior of the shelters shall be of a colour which does not cause discomfort to the occupants; and

(f) that it is possible to row the lifeboat.

12. Radiotelegraph Installations—Any radiotelegraph installation required by the L.S.A. Regulations shall be installed in a cabin large enough to accommodate both the equipment and the person using it. No separate cabin is required if the construction of the lifeboat provides a sheltered space to the satisfaction of the Director.

PART III

Self-righting Partially Enclosed Lifeboats

13. All self-righting partially enclosed lifeboats shall comply with the requirements of Part I of this performance standard, and in addition shall comply with the requirements of this Part.

14. Enclosure—(1) Permanently attached rigid covers shall be provided extending over not less than 20 percent of the length of the lifeboat from the stem and not less than 20 percent of the length of the lifeboat from the aftermost part of the lifeboat.

(2) The rigid covers shall form 2 shelters. If the shelters have bulkheads they shall have openings of sufficient size to permit easy access by persons each wearing an immersion suit or warm clothes and a lifejacket. The interior height of the shelters shall be sufficient to permit persons easy access to their seats in the bow and stern of the lifeboat.

(3) The rigid covers shall be so arranged that they include windows or translucent panels to admit sufficient daylight to the inside of the lifeboat with the openings or canopies closed so as to make artificial light unnecessary.

(4) The rigid covers shall have railings to provide a secure handhold for persons moving about the exterior of the lifeboat.

(5) Open parts of the lifeboat shall be fitted with a permanently attached foldable canopy so arranged that:

(a) it can be easily erected by not more than 2 persons in not more than 2 minutes; and

(b) it is insulated to protect the occupants against cold by means of not less than 2 layers of material separated by an air gap or other equally efficient means; means shall be provided to prevent accumulation of water in the air gap.

(6) The enclosure formed by the rigid covers and canopy shall be so arranged:

(a) as to allow launching and recovery operations to be performed without any occupant having to leave the enclosure;