

(ii) With Type I retro-reflective material approved under approval series 164.018. The arrangement of the retro-reflective material must meet IMO Resolution A.658(16).

(4) *Attachments and fittings.* Life-jackets must have the following attachments and fittings:

(i) Each lifejacket must have a lifejacket light approved under approval series 161.112 securely attached to the front shoulder area of the lifejacket.

(ii) Each lifejacket must have a whistle firmly secured by a cord to the lifejacket.

(c) *Rescue boat and marine evacuation system immersion suits or anti-exposure suits—(1) General.* Each vessel, except vessels operating on routes between 32 degrees north latitude and 32 degrees south latitude, must carry immersion suits approved under approval series 160.171 or anti-exposure suits approved under approval series 160.153 of suitable size for each person assigned to the rescue boat crew and each person assigned to a marine evacuation system crew.

(2) *Stowage.* Immersion suits or anti-exposure suits must be stowed so they are readily accessible. The stowage positions must be marked with either the words “IMMERSION SUITS” or “ANTI-EXPOSURE SUITS” as appropriate, or with the appropriate symbol from IMO Resolution A.760(18).

(3) *Markings.* Each immersion suit or anti-exposure suit must be marked in such a way as to identify the person or vessel to which it belongs.

(4) *Attachments and fittings.* Immersion suits or anti-exposure suits must have the following attachments and fittings:

(i) Each immersion suit or anti-exposure suit must have a lifejacket light approved under approval series 161.112 securely attached to the front shoulder area of the immersion suit or anti-exposure suit.

(ii) Each immersion suit or anti-exposure suit must have a whistle firmly secured by a cord to the immersion suit or anti-exposure suit.

(d) *Lifejacket, immersion suit, and anti-exposure suit containers.* Each lifejacket, immersion suit, and anti-exposure suit container must be marked in block capital letters and numbers with the quantity, identity, and size of the

equipment stowed inside the container. The equipment may be identified in words or with the appropriate symbol from IMO Resolution A.760(18).

[CGD 84-069, 61 FR 25313, May 20, 1996, as amended at 63 FR 52818, Oct. 1, 1998; 63 FR 56066, Oct. 20, 1998; 64 FR 53229, Oct. 1, 1999]

**§ 199.80 Muster list and emergency instructions.**

(a) *General.* Clear instructions must be provided on the vessel that detail the actions each person on board should follow in the event of an emergency.

(b) *Muster list.* Copies of the muster list must be posted in conspicuous places throughout the vessel including on the navigating bridge, in the engine room, and in crew accommodation spaces. The muster list must be posted before the vessel begins its voyage. After the muster list has been prepared, if any change takes place that necessitates an alteration in the muster list, the master must either revise the existing muster list or prepare a new one. Each muster lists must at least specify—

(1) The instructions for operating the general emergency alarm system and public address system;

(2) The emergency signals;

(3) The actions to be taken by the persons on board when each signal is sounded;

(4) How the order to abandon the vessel will be given.

(5) The officers that are assigned to make sure that lifesaving and fire-fighting appliances are maintained in good condition and ready for immediate use;

(6) The duties assigned to the different members of the crew. Duties to be specified include—

(i) Closing the watertight doors, fire doors, valves, scuppers, sidescuttles, skylights, portholes, and other similar openings in the vessel's hull;

(ii) Equipping the survival craft and other lifesaving appliances;

(iii) Preparing and launching the survival craft;

(iv) Preparing other lifesaving appliances;

(v) Mustering the passengers and other persons on board;

## § 199.90

(vi) Using communication equipment;

(vii) Manning the emergency squad assigned to deal with fires and other emergencies; and

(viii) Using firefighting equipment and installations.

(7) The duties assigned to members of the crew in relation to passengers and other persons on board in case of an emergency. Assigned duties to be specified include—

(i) Warning the passengers and other persons on board;

(ii) Seeing that passengers and other persons on board are suitably dressed and have donned their lifejackets or immersion suits correctly;

(iii) Assembling passengers and other persons on board at muster stations;

(iv) Keeping order in the passageways and on the stairways and generally controlling the movements of the passengers and other persons on board; and

(v) Making sure that a supply of blankets is taken to the survival craft; and

(8) The substitutes for key persons if they are disabled, taking into account that different emergencies require different actions.

(c) *Emergency instructions.* Illustrations and instructions in English, and any other appropriate language as determined by the OCMI, must be posted in each passenger cabin and in spaces occupied by persons other than crew, and must be conspicuously displayed at each muster station. The illustrations and instructions must include information on—

(1) The fire and emergency signal;

(2) Their muster station;

(3) The essential actions they must take in an emergency;

(4) The location of lifejackets, including child-size lifejackets; and

(5) The method of donning lifejackets.

[CGD 84-069, 61 FR 25313, May 20, 1996, as amended at 63 FR 52818, Oct. 1, 1998]

### § 199.90 Operating instructions.

Each vessel must have posters or signs displayed in the vicinity of each survival craft and the survival craft's launching controls that—

(a) Illustrate the purpose of controls;

## 46 CFR Ch. I (10-1-11 Edition)

(b) Illustrate the procedures for operating the launching device;

(c) Give relevant instructions or warnings;

(d) Can be easily seen under emergency lighting conditions; and

(e) Display symbols in accordance with IMO Resolution A.760(18).

### § 199.100 Manning of survival craft and supervision.

(a) There must be a sufficient number of trained persons on board the vessel for mustering and assisting untrained persons.

(b) There must be a sufficient number of deck officers, able seamen, or certificated persons on board the vessel to operate the survival craft and launching arrangements required for abandonment by the total number of persons on board.

(c) There must be one person placed in charge of each survival craft to be used. The person in charge must—

(1) Be a deck officer, able seaman, or certificated person. The OCMI, considering the nature of the voyage, the number of persons permitted on board, and the characteristics of the vessel, may permit persons practiced in the handling and operation of liferafts or inflatable buoyant apparatus to be placed in charge of liferafts or inflatable buoyant apparatus; and

(2) Have a list of the survival craft crew and ensure that the crewmembers are acquainted with their duties.

(d) There must be a second-in-command designated for each lifeboat. This person should be a deck officer, able seaman, or certificated person. The second-in-command of a lifeboat must also have a list of the lifeboat crew.

(e) There must be a person assigned to each motorized survival craft who is capable of operating the engine and carrying out minor adjustments.

(f) The master must make sure that the persons required under paragraphs (a), (b), (c), and (d) of this section are equitably distributed among the vessel's survival craft.

[CGD 84-069, 61 FR 25313, May 20, 1996, as amended at 63 FR 52819, Oct. 1, 1998]