

(c) Each muster station and embarkation station must be adequately illuminated by lighting with power supplied from the vessel's emergency source of electrical power.

(d) Each alleyway, stairway, and exit giving access to a muster and embarkation station must be adequately illuminated by lighting that is capable of having its power supplied by the vessel's emergency source of electrical power.

(e) Each davit-launched and free-fall survival craft muster station and embarkation station must be arranged to enable stretcher cases to be placed in the survival craft.

(f) Each launching station, or each two adjacent launching stations, must have an embarkation ladder as follows:

(1) Each embarkation ladder must be approved under approval series 160.117 or be a rope ladder approved under approval series 160.017.

(2) Each embarkation ladder must extend in a single length from the deck to the waterline with the vessel in its lightest seagoing condition under unfavorable conditions of trim and with the vessel listed not less than 15 degrees either way.

(3) Provided that there is at least one embarkation ladder on each side of the vessel, the OCMI may permit additional embarkation ladders to be other approved devices that provide safe and rapid access to survival craft in the water.

(4) The OCMI may accept other safe and effective means of embarkation for use with a liferaft required under § 199.261(e).

(g) If a davit-launched survival craft is embarked over the edge of the deck, the craft must be provided with a means for bringing it against the side of the vessel and holding it alongside the vessel to allow persons to safely embark.

(h) If a davit-launched survival craft is not intended to be moved to the stowed position with persons on board, the craft must be provided with a means for bringing it against the side of the vessel and holding it alongside

the vessel to allow persons to safely disembark after a drill.

[CGD 84-069, 61 FR 25313, May 20, 1996, as amended by USCG-1998-4442, 63 FR 52192, Sept. 30, 1998; 63 FR 52819, Oct. 1, 1998]

#### § 199.120 Launching stations.

(a) Each launching station must be positioned to ensure safe launching with clearance from the propeller and from the steeply overhanging portions of the hull.

(b) Each survival craft must be launched down the straight side of the vessel, except for free-fall launched survival craft.

(c) Each launching station in the forward part of the vessel must—

(1) Be in a sheltered position that is located aft of the collision bulkhead; and

(2) Have a launching appliance approved with an endorsement as being of sufficient strength for forward installation.

#### § 199.130 Stowage of survival craft.

(a) *General.* Each survival craft must be stowed—

(1) As close to the accommodation and service spaces as possible;

(2) So that neither the survival craft nor its stowage arrangements will interfere with the embarkation and operation of any other survival craft or rescue boat at any other launching station;

(3) As near the water surface as is safe and practicable;

(4) Except for liferafts intended for throw-overboard launching, not less than 2 meters above the waterline with the vessel—

(i) In the fully loaded condition;

(ii) Under unfavorable conditions of trim; and

(iii) Listed up to 20 degrees either way, or to the angle at which the vessel's weatherdeck edge becomes submerged, whichever is less.

(5) Sufficiently ready for use so that two crew members can complete preparations for embarkation and launching in less than 5 minutes;

(6) In a secure and sheltered position and protected from damage by fire and explosion, as far as practicable; and