

(c) Each OSV operating in the Gulf of Mexico, as an alternative to the requirements of paragraph (b) of this section, may carry a sufficient number of inflatable buoyant apparatus or a sufficient number of lifefloats, having an aggregate capacity that, together with any lifeboats, rescue boats, and liferafts, will accommodate the total number of persons on board.

[CGD 84-069, 61 FR 25304, May 20, 1996; 61 FR 40281, Aug. 1, 1996]

**§ 133.110 Survival craft muster and embarkation arrangements.**

(a) Each OSV must have muster stations that—

(1) Are near the embarkation stations, unless the muster station is the embarkation station;

(2) Permit ready access for the offshore workers to the embarkation station, unless the muster station is the embarkation station; and

(3) Have sufficient room to marshal and instruct the offshore workers.

(b) Each muster station must have sufficient space to accommodate all persons assigned to muster at that station. One or more muster stations must be close to each embarkation station.

(c) Each muster station and embarkation station must be readily accessible to accommodation and work areas.

(d) Each muster station and embarkation station must be adequately illuminated by lighting supplied from the emergency source of electrical power.

(e) Each davit-launched 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 with an embarkation position more than 3 meters (10 feet) above the waterline in the lightest seagoing condition, must have an embarkation ladder as follows:

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

(2) Each embarkation ladder must extend in a single length, from the deck to the waterline in the lightest seagoing condition under unfavorable con-

ditions of trim and with the OSV listed not less than 15 degrees either way.

(3) Each embarkation ladder may be replaced by a device approved to provide safe and rapid access to survival craft in the water, if the OCMI permits the device, provided that there is at least one embarkation ladder on each side of the OSV.

(g) Each davit-launched liferaft must be arranged to be boarded and launched from a position immediately adjacent to the stowed position or from a position to where, under §133.130, the liferaft is transferred before launching.

(h) 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 OSV and holding it alongside the OSV to allow persons to safely embark.

(i) If a davit-launched survival craft or rescue boat 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 OSV and holding it alongside the OSV to allow persons to safely disembark after a drill.

**§ 133.120 Launching stations.**

(a) Each launching station must be positioned to ensure safe launching with clearance from—

(1) The propeller; and

(2) The steeply overhanging portions of the hull.

(b) Each survival craft must be launched down the straight side of the OSV.

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

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

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

[CGD 84-069, 61 FR 25304, May 20, 1996; 61 FR 40281, Aug. 1, 1996]

**§ 133.130 Stowage of survival craft.**

(a) *General.* Each survival craft must be stowed as follows:

(1) Each survival craft must be as close to the accommodation and service spaces as possible.

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(2) Each survival craft must be stowed in a way 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) Each survival craft must be as near the water surface as is safe and practicable.

(4) Other than liferafts intended for throw-overboard launching, each survival craft must be not less than 2 meters above the waterline with the OSV—

- (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 where the OSV's weatherdeck edge becomes submerged, whichever is less.

(5) Each survival craft must be sufficiently ready for use so that two crew members can complete preparations for embarkation and launching in less than 5 minutes.

(6) Each survival craft must be fully equipped as required under this part.

(7) Each survival craft must be in a secure and sheltered position and protected from damage by fire and explosion, as far as practicable.

(8) Each survival craft must not require lifting from its stowed position in order to launch, except that—

- (i) A davit-launched liferaft may be lifted by a manually powered winch from its stowed position to its embarkation position; or
- (ii) A survival craft that weights 185 kilograms (407.8 pounds) or less, may require lifting of not more than 300 millimeters (1 foot).

(b) *Additional liferaft stowage requirements.* In addition to meeting the requirements of paragraph (a) of this section, each liferaft must be stowed as follows:

(1) Each liferaft must be stowed to permit manual release from its securing arrangements.

(2) Each liferaft must be stowed at a height above the waterline in the lightest seagoing condition not greater than the maximum stowage height indicated on the liferaft container. Each liferaft without an indicated maximum stowage height must be stowed not more

than 18 meters (59 feet) above the waterline in the OSV's lightest seagoing condition.

(3) Each liferaft must be arranged to permit it to drop into the water from the deck on which it is stowed. A liferaft stowage arrangement meets this requirement if it—

- (i) Is outboard of the rail or bulwark;
- (ii) Is on stanchions or on a platform adjacent to the rail or bulwark; or
- (iii) Has a gate or other suitable opening to allow the liferaft to be pushed directly overboard and—

(A) Each gate or opening must be large enough to allow the liferaft to be pushed overboard; and

(B) If the liferaft is intended to be available for use on either side of the OSV, a gate or opening must be provided on each side.

(4) Each davit-launched liferaft must be stowed within reach of its lifting hook, unless some means of transfer is provided that is not rendered inoperable—

- (i) Within the limits of trim and list and list specified in paragraph (a)(4)(iii) of this section;
- (ii) By OSV motion; or
- (iii) By power failure.

(5) Each rigid container for an inflatable liferaft to be launched by a launching appliance must be secured in a way that the container or parts of it are prevented from falling into the water during and after inflation and launching of the contained liferaft.

(6) Each liferaft must have a painter system providing a connection between the OSV and the liferaft.

(7) Each liferaft or group of liferafts must be arranged for float-free launching. The arrangement must ensure that the liferaft or liferafts when released and inflated, are not dragged under by the sinking OSV. A hydrostatic release unit used in a float-free arrangement must be approved under approval series 160.162.

(c) *Additional lifefloat stowage requirements.* Each lifefloat must be capable of float-free launching and be arranged as follows:

(1) Lifefloats must be secured to the OSV by—

- (i) A hydrostatic release unit approved under approval series 160.062 or 160.162 and that is appropriate for the

size and number of the lifefloats attached to them; or

(ii) Lashings that can be easily slipped.

(2) A painter must be secured to the lifefloat by—

(i) The attachment fitting provided by the manufacturer; or

(ii) A wire or line that encircles the body of the lifefloat and will not slip off, and meets the requirements of § 133.105(a)(4)(iii).

(3) If lifefloats are arranged in groups with each group secured by a single painter,—

(i) The combined weight of each group must not exceed 185 kilograms (407.8 pounds);

(ii) Each lifefloat must be individually attached to the group's single painter by its own painter which must be long enough to allow floating without contact with any other lifefloat in the group;

(iii) The strength of the float-free link and the strength of the group's single painter must be appropriate for the combined capacity of the group of lifefloats;

(iv) The group of lifefloats must not be stowed in more than four tiers. When stowed in tiers, the separate units must be kept apart by spacers; and

(v) The group of lifefloats must be stowed to prevent shifting with easily detached lashings.

[CGD 84-069, 61 FR 25304, May 20, 1996, as amended at 63 FR 52816, Oct. 1, 1998]

#### § 133.135 Rescue boats.

(a) Each OSV must carry at least one rescue boat. Each rescue boat must be approved under approval series 160.056 and equipped as specified in table 133.175 of this part.

(b) Offshore supply vessels, as an alternative to the requirement in paragraph (a) of this section, may carry a motor-propelled workboat or a launch if the workboat or launch must meet the embarkation, launching, and recovery arrangement requirements in § 133.160(a), (c), (d), (e), and (f).

(c) A rescue boat is not required for a vessel operating on the continental shelf of the United States, if—

(1) The OCMI determines the vessel is arranged to allow a helpless person to be recovered from the water;

(2) The recovery of the helpless person can be observed from the navigating bridge; and

(3) The vessel does not regularly engage in operations that restrict its maneuverability.

[CGD 84-069, 61 FR 25304, May 20, 1996, as amended by USCG-2000-7790, 65 FR 58463, Sept. 29, 2000]

#### § 133.140 Stowage of rescue boats.

(a) Rescue boats must be stowed as follows:

(1) Each rescue boat must be ready for launching in not more than 5 minutes.

(2) Each rescue boat must be in a position suitable for launching and recovery.

(3) Each rescue boat must be stowed in a way that neither the rescue boat nor its stowage arrangements will interfere with the operation of any survival craft at any other launching station.

(b) Each rescue boat must be provided a means for recharging the rescue boat batteries from the OSV's power supply at a supply voltage not exceeding 50 volts.

(c) Each inflated rescue boat must be kept fully inflated at all times.

#### § 133.145 Marine evacuation system launching arrangements.

(a) *Arrangements.* Each marine evacuation system must have the following arrangements:

(1) Each marine evacuation system must be capable of being deployed by one person.

(2) Each marine evacuation system must enable the total number of persons for which it is designed, to be transferred from the OSV into the inflated liferafts within a period of 10 minutes from the time an abandon-ship signal is given.

(3) Each marine evacuation system must be arranged so that liferafts may be securely attached to the platform and released from the platform by a person either in the liferaft or on the platform.

(4) Each marine evacuation system must be capable of being deployed from