§ 117.64 Emergency Position Indicating Radiobeacons (EPIRB).

Each vessel that operates on the high seas, or that operates beyond three miles from the coastline of the Great Lakes, must have on board an FCC Type Accepted Category 1, 406 MHz EPIRB, installed to automatically float free and activate.


§ 117.68 Distress flares and smoke signals.

(a) Oceans, coastwise, limited coastwise, and Great Lakes routes. A vessel on an oceans, coastwise, limited coastwise, or Great Lakes route must carry—

(1) Six hand red flare distress signals approved in accordance with §160.021 in subchapter Q of this chapter, or other standard specified by the Commandant; and

(2) Six hand orange smoke distress signals approved in accordance with §160.037 in subchapter Q of this chapter, or other standard specified by the Commandant.

(b) Lakes, bays, and sounds, and rivers routes. A vessel on a lakes, bays, and sounds, or rivers route must carry:

(1) Three hand red flare distress signals approved in accordance with §160.021 in subchapter Q of this chapter, or other standard specified by the Commandant; and

(2) Three hand orange smoke distress signals approved in accordance with §160.037 in subchapter Q of this chapter, or other standard specified by the Commandant.

(c) Substitutions. (1) A rocket parachute flare approved in accordance with §160.036 in subchapter Q of this chapter, or other standard specified by the Commandant.

(ii) A hand red flare distress signal approved in accordance with §160.021 in subchapter Q of this chapter, or other standard specified by the Commandant.

(iii) A floating orange smoke distress signal approved in accordance with §160.022 in subchapter Q of this chapter, or other standard specified by the Commandant.

(d) Exception for vessels on short runs. A vessel operating on short runs limited to approximately 30 minutes away from the dock is not required to carry distress flares and smoke signals under this section.

(e) Stowage. Each flare carried to meet this section must be stowed in one of the following:

(1) A portable watertight container carried at the operating station, and marked as required by §122.614 of this subchapter; or

(2) A pyrotechnic locker secured above the freeboard deck, away from heat, in the vicinity of the operating station.


Subpart C—Ring Life Buoy and Life Jackets

§ 117.70 Ring life buoys.

(a) A vessel must have one or more ring life buoys as follows:

(1) A vessel of not more than 7.9 meters (26 feet) in length must carry a minimum of one life buoy of not less than 510 millimeters (20 inches) in diameter;

(2) A vessel of more than 7.9 meters (26 feet) in length, but not more than 19.8 meters (65 feet), must carry a minimum of one life buoy of not less than 610 millimeters (24 inches) in diameter;

(3) A vessel of more than 19.8 meters (65 feet) in length must carry a minimum of three life buoys of not less than 610 millimeters (24 inches) in diameter.

(b) Each ring life buoy on a vessel must:

(1) Be approved in accordance with §160.036 in subchapter Q of this chapter, or other standard specified by the Commandant;
§ 117.71 Life jackets.

(a) An adult life jacket must be provided for each person carried on board a vessel.

(b) In addition, a number of child-size life jackets equal to at least 10% of the number of persons permitted on board must be provided, or such greater number as necessary to provide a life jacket for each person being carried that is smaller than the lower size limit of the adult life jackets provided to meet this section, except that:

1. Child-size life jackets are not required if the vessel’s Certificate of Inspection is endorsed for the carriage of adults only, or

2. When all “extended size” life preservers (those with a lower size limit for persons of 1,195 millimeters (47 inches) in height or weighing 45 pounds) are carried on board, a minimum of only 5% additional child size devices need be carried.

(c) Except as allowed by paragraph (d) of this section, each life jacket must be approved in accordance with either §§ 160.002, 160.005, or 160.055 in subchapter Q of this chapter, or other standard specified by the Commandant.

(d) Cork and balsa wood life jackets previously approved in accordance with §§106.003, or 160.004 in subchapter Q of this chapter, on board an existing vessel prior to March 11, 1996, may continue to be used to meet the requirements of this section until March 11, 1999, provided the life jackets are maintained in good and serviceable condition.

(e) Each life jacket carried on board the vessel must be marked in accordance with §122.604 of this chapter.


§ 117.72 Personal flotation devices carried in addition to life jackets.

(a) Equipment carried under this section is not acceptable in lieu of any portion of the required number of approved life jackets and must not be substituted for the approved life jackets required to be worn during drills and emergencies.

(b) Wearable marine buoyant devices that include “ski vests,” “boating vests,” and “fishing vests,” approved in accordance with §160.064 in subchapter Q of this chapter, or other standard specified by the Commandant, may be carried as additional equipment.