

Coast Guard, DHS

§ 177.100

§ 176.925 Safety Management Certificate.

(a) All vessels that carry more than 12 passengers on an international voyage must have a valid Safety Management Certificate and a copy of their company's valid Document of Compliance certificate on board.

(b) All such vessels must meet the applicable requirements of 33 CFR part 96.

(c) A Safety Management Certificate is issued for a period of not more than 60 months.

[CGD 95-073, 62 FR 67515, Dec. 24, 1997]

§ 176.930 Equivalents.

As outlined in Chapter I (General Provisions) Regulation 5, of SOLAS, the Commandant may accept an equivalent to a particular fitting, material, apparatus, or any particular provision required by SOLAS regulations if satisfied that such equivalent is at least as effective as that required by the regulations. An owner or managing operator of a vessel may submit a request for the acceptance of an equivalent following the procedures in §175.540 of this chapter. The Commandant will indicate the acceptance of an equivalent on the vessel's SOLAS Passenger Ship Safety Certificate or Safety Management Certificate, as appropriate.

[CGD 95-073, 62 FR 67515, Dec. 24, 1997]

PART 177—CONSTRUCTION AND ARRANGEMENT

Subpart A—General Provisions

Sec.

- 177.100 General requirement.
- 177.115 Applicability to existing vessels.

Subpart B—Plans

- 177.202 Plans and information required.
- 177.210 Plans for sister vessels.

Subpart C—Hull Structure

- 177.300 Structural design.
- 177.310 Satisfactory service as a design basis.
- 177.315 Vessels of not more than 19.8 meters (65 feet) in length carrying not more than 12 passengers.
- 177.330 Sailing vessels.

- 177.340 Alternate design considerations.

Subpart D—Fire Protection

- 177.405 General arrangement and outfitting.
- 177.410 Structural fire protection.

Subpart E—Escape Requirements

- 177.500 Means of escape.

Subpart F—Ventilation

- 177.600 Ventilation of enclosed and partially enclosed spaces.
- 177.620 Ventilation of machinery and fuel tank spaces.

Subpart G—Crew Spaces

- 177.700 General requirements.
- 177.710 Overnight accommodations.

Subpart H—Passenger Accommodations

- 177.800 General requirements.
- 177.810 Overnight accommodations.
- 177.820 Seating.

Subpart I—Rails and Guards

- 177.900 Deck rails.
- 177.920 Storm rails.
- 177.940 Guards in vehicle spaces.
- 177.960 Guards for exposed hazards.
- 177.970 Protection against hot piping.

Subpart J—Window Construction and Visibility

- 177.1010 Safety glazing materials.
- 177.1020 Strength.
- 177.1030 Operating station visibility.

AUTHORITY: 46 U.S.C. 2103, 3306; E.O. 12234, 45 FR 58801, 3 CFR, 1980 Comp., p. 277; Department of Homeland Security Delegation No. 0170.1.

SOURCE: CGD 85-080, 61 FR 961, Jan. 10, 1996, unless otherwise noted.

Subpart A—General Provisions

§ 177.100 General requirement.

The construction and arrangement of a vessel must allow the safe operation of the vessel in accordance with the terms of its Certificate of Inspection giving consideration to provisions for a seaworthy hull, protection against fire, means of escape in case of a sudden unexpected casualty, guards and rails in

§ 177.115

hazardous places, ventilation of enclosed spaces, and necessary facilities for passengers and crew.

[CGD 85-080, 61 FR 961, Jan. 10, 1996, as amended by CGD 97-057, 62 FR 51050, Sept. 30, 1997]

§ 177.115 Applicability to existing vessels.

(a) Except as otherwise required by paragraph (b) of this section, an existing vessel must comply with the construction and arrangement regulations that were applicable to the vessel on March 10, 1996, or, as an alternative, the vessel may comply with the regulations in this part.

(b) Alterations, or modifications made to the structure or arrangements of an existing vessel, that are a major conversion, on or after March 11, 1996, must comply with the regulations of this part. Repairs or maintenance conducted on an existing vessel, resulting in no significant changes to the original structure or arrangement of the vessel, must comply with the regulations applicable to the vessel on March 10, 1996, or, as an alternative, with the regulations in this part. However, when outfit items such as furnishings and mattresses are renewed, they must comply with the regulations in this part.

Subpart B—Plans

§ 177.202 Plans and information required.

(a) Except as provided in paragraph (c) of this section and § 177.210 of this part, the owner of a vessel requesting initial inspection for certification shall, prior to the start of construction unless otherwise allowed by the cognizant Officer in Charge, Marine Inspection (OCMI), submit for approval to the cognizant OCMI, at least two copies of the following plans:

- (1) Outboard profile;
- (2) Inboard profile; and
- (3) Arrangement of decks.

(b) In addition, the owner shall, prior to receiving a Certificate of Inspection, submit for approval to the cognizant OCMI, at least two copies of the following plans, manuals, analyses, and calculations that are applicable to the vessel as determined by the OCMI:

46 CFR Ch. I (10-1-04 Edition)

(1) Midship section;

(2) Survival craft embarkation stations;

(3) Machinery installation, including but not limited to:

(i) Propulsion and propulsion control, including shaft details;

(ii) Steering and steering control, including rudder details;

(iii) Ventilation diagrams; and

(iv) Engine exhaust diagram;

(4) Electrical installation including, but not limited to:

(i) Elementary one-line diagram of the power system;

(ii) Cable lists;

(iii) Bills of materials;

(iv) Type and size of generators and prime movers;

(v) Type and size of generator cables, bus-tie cables, feeders, and branch circuit cables;

(vi) Power, lighting, and interior communication panelboards with number of circuits and rating of energy consuming devices;

(vii) Type of capacity of storage batteries;

(viii) Rating of circuit breakers and switches, interrupting capacity of circuit breakers, and rating and setting of overcurrent devices; and

(ix) Electrical plant load analysis.

(5) Lifesaving equipment locations and installation;

(6) Fire protection equipment installation including, but not limited to:

(i) Fire main system plans and calculations;

(ii) Fixed gas fire extinguishing system plans and calculations;

(iii) Fire detecting system and smoke detecting system plans;

(iv) Sprinkler system diagram and calculations; and

(v) Portable fire extinguisher types, sizes and locations;

(7) Fuel tanks;

(8) Piping systems including: bilge, ballast, hydraulic, sanitary, compressed air, combustible and flammable liquids, vents, soundings, and overflows;

(9) Hull penetrations and shell connections;

(10) Marine sanitation device model number, approval number, connecting wiring and piping; and