

hospital space will not be required, provided that 1 room must be designated and fitted with use as a treatment or isolation room. This room must meet the following standards:

(1) The room must be available for immediate medical use; and

(2) A washbasin with hot and cold running water must be installed either in or immediately adjacent to the space and other required sanitary facilities must be conveniently located.

§ 190.20-40 Other spaces.

Each vessel shall have—

(a) Sufficient facilities where the crew may wash and dry their own clothes, including at least 1 sink supplied with hot and cold fresh water;

(b) Recreation spaces; and

(c) A space or spaces of adequate size on the open deck to which the crew has access when off duty.

§ 190.20-45 Lighting.

Each berth must have a light.

§ 190.20-50 Heating and cooling.

(a) All manned spaces must be adequately heated and cooled in a manner suitable to the purpose of the space.

(b) Radiators and other heating apparatus must be so placed and shielded, where necessary, to avoid risk of fire, danger or discomfort to the occupants. Pipes leading to radiators or heating apparatus must be insulated where those pipes create a hazard to persons occupying the space.

§ 190.20-55 Insect screens.

Provisions must be made to protect the crew quarters against the admission of insects.

§ 190.20-90 Vessels contracted for prior to March 1, 1968.

Existing structures, arrangements, materials, and facilities previously approved will be considered satisfactory so long as they are maintained in good condition to the satisfaction of the Officer in Charge, Marine Inspection. Minor repairs and alterations may be made to the same standards as the original construction, provided that in no case will a greater departure from the standards of §§190.20-5 through

190.20-55 be permitted than presently exists.

Subpart 190.25—Rails and Guards

§ 190.25-1 Application.

(a) The provisions of this subpart with the exception of §190.25-90, apply to all vessels contracted for on or after July 1, 1969.

(b) Vessels contracted for prior to July 1, 1969 shall meet the requirements of §190.25-90.

[CGFR 69-72, 34 FR 17503, Oct. 29, 1969]

§ 190.25-5 Where rails required.

(a) All vessels shall have efficient guard rails or bulwarks on decks and bridges. The height of rails or bulwarks shall be at least 39½ inches from the deck. At exposed peripheries of the freeboard and superstructure decks, the rails shall be in at least three courses, including the top. The opening below the lowest course shall not be more than 9 inches. The courses shall not be more than 15 inches apart. In the case of ships with rounded gunwales the guard rail supports shall be placed in the flat of the deck. On other decks and bridges the rails shall be in at least two courses, including the top, approximately evenly spaced. If it can be shown to the satisfaction of the Officer in Charge, Marine Inspection, that the installation of rails of such height will be unreasonable and impracticable, having regard to the business of the vessel, rails of a lesser height or in some cases grab rails may be accepted and inboard rails may be eliminated if the deck is not generally accessible.

(b) Where it can be shown to the satisfaction of the Commandant that a vessel is engaged exclusively in voyages of a sheltered nature, the provisions of paragraph (a) of this section may be relaxed.

[CGFR 69-72, 34 FR 17503, Oct. 29, 1969]

§ 190.25-10 Storm rails.

(a) On vessels in ocean and coastwise service, suitable storm rails shall be installed in all passageways and at the deckhouse sides where persons on board might have normal access. Storm rails shall be installed on both

§ 190.25-15

sides of passageways which are 6 feet or more in width.

§ 190.25-15 Guards in dangerous places.

(a) Suitable hand covers, guards, or rails shall be installed in way of all exposed and dangerous places such as gears, machinery, etc.

§ 190.25-90 Vessels contracted for prior to July 1, 1969.

(a) Existing structures, arrangements, materials, and facilities previously approved will be considered satisfactory so long as they are maintained in good condition to the satisfaction of the Officer in Charge, Marine Inspection. Minor repairs and alterations may be made to the same standards as the original construction: *Provided*, That in no case will a greater departure from the standards of §§190.25-5 through 190.25-15 be permitted than presently exists.

[CGFR 67-83, 33 FR 1125, Jan. 27, 1968, as amended by CGFR 69-72, 34 FR 17503, Oct. 29, 1969]

PARTS 191-192 [RESERVED]

PART 193—FIRE PROTECTION EQUIPMENT

Subpart 193.01—Application

Sec.

- 193.01-1 General.
- 193.01-3 Incorporation by reference.
- 193.01-5 Equipment installed but not required.

Subpart 193.05—Fire Detecting and Extinguishing Equipment, Where Required

- 193.05-1 Fire detecting, manual alarm, and supervised patrol systems.
- 193.05-5 Fire main system.
- 193.05-10 Fixed fire extinguishing systems.
- 193.05-15 Hand portable fire extinguishers and semiportable fire extinguishing systems.

Subpart 193.10—Fire Main System, Details

- 193.10-1 Application.
- 193.10-5 Fire pumps.
- 193.10-10 Fire hydrants and hose.
- 193.10-15 Piping.
- 193.10-90 Installations contracted for prior to March 1, 1968.

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

Subpart 193.15—Carbon Dioxide Extinguishing Systems, Details

- 193.15-1 Application.
- 193.15-5 Quantity, pipe sizes, and discharge rates.
- 193.15-10 Controls.
- 193.15-15 Piping.
- 193.15-20 Carbon dioxide storage.
- 193.15-25 Discharge outlets.
- 193.15-30 Alarms.
- 193.15-35 Enclosure openings.
- 193.15-40 Pressure relief.
- 193.15-90 Installations contracted for prior to March 1, 1968.

Subpart 193.30—Automatic Sprinkler Systems

- 193.30-1 Application.

Subpart 193.50—Hand Portable Fire Extinguishers and Semiportable Fire Extinguishing Systems, Arrangements and Details

- 193.50-1 Application.
- 193.50-5 Classification.
- 193.50-10 Location.
- 193.50-15 Spare charges.
- 193.50-20 Semiportable fire extinguishers.
- 193.50-90 Vessels contracted for prior to March 1, 1968.

Subpart 193.60—Fire Axes

- 193.60-1 Application.
- 193.60-5 Number required.
- 193.60-10 Location.

AUTHORITY: 46 U.S.C. 2213, 3102, 3306; E.O. 12234, 45 FR 58801, 3 CFR, 1980 Comp., p. 277; Department of Homeland Security Delegation No. 0170.1.

SOURCE: CGFR 67-83, 33 FR 1145, Jan. 27, 1968, unless otherwise noted.

Subpart 193.01—Application

§ 193.01-1 General.

(a) The provisions of this part shall apply to all vessels other than non-self-propelled vessels of less than 300 gross tons.

(b) Non-self-propelled vessels of less than 300 gross tons shall not be subject to the provisions of this part, except as provided otherwise by §§193.01-5 and 193.50-1.

§ 193.01-3 Incorporation by reference.

(a) Certain material is incorporated by reference into this part with the approval of the Director of the Federal