

shower or bathtub for each eight members or portion thereof in the crew to be accommodated. The crew to be accommodated shall include all members who do not occupy rooms to which private or semi-private facilities are attached.

(b) The toilet rooms and washrooms shall be located convenient to the sleeping quarters of the crew to which they are allotted but shall not open directly into such quarters except when they are provided as private or semi-private facilities.

(c) All washbasins, showers, and bathtubs shall be equipped with proper plumbing, including hot and cold running water. All toilets shall be installed with proper plumbing for flushing. Where more than one toilet is located in a space or compartment, each toilet shall be separated by partitions.

§ 190.20-30 Messrooms.

Messrooms shall be located as near to the galley as is practicable except where the messroom is equipped with a steam table. The messroom shall be of such size as to seat the number of persons normally scheduled to be eating at one time.

§ 190.20-35 Hospital space.

(a) Except as specifically modified by paragraph (f) of this section, each vessel which in the ordinary course of its trade makes voyages of more than 3 days duration between ports and which carries a crew of twelve or more, shall be provided with a hospital space. This space shall be situated with due regard to the comfort of the sick so that they may receive proper attention in all weathers.

(b) The hospital shall be suitably separated from other spaces and shall be used for the care of the sick and for no other purpose.

(c) The hospital shall be fitted with berths in the ratio of one berth to every twelve members of the crew or portion thereof who are not berthed in single occupancy rooms, but the number of berths need not exceed six. Where all single occupancy rooms are provided, the requirement for a separate hospital may be withdrawn: Provided, That one stateroom is fitted with a bunk accessible from both sides.

(e) The hospital shall have a toilet, washbasin, and bath tub or shower conveniently situated. Other necessary suitable equipment of such character as clothes locker, table, seat, etc., shall be provided.

(f) On vessels in which the crew is berthed in single occupancy rooms a hospital space will not be required, Provided, That one room shall be

designated and fitted for use as a treatment and isolation room. Such room shall 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.

(a) Sufficient facilities shall be provided where the crew may wash and dry their own clothes. There shall be at least one sink supplied with hot and cold fresh water.

(b) Recreation accommodations shall be provided.

§ 190.20-45 Lighting.

Berth lights shall be provided for each member of the crew.

§ 190.20-50 Heating.

(a) All crew spaces shall be adequately heated in a manner suitable to the purpose of the space.

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

§ 190.20-55 Insect screens.

Provisions shall 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.

PART 193—FIRE PROTECTION EQUIPMENT

141. The authority citation for Part 193 continues to read as follows:

Authority: 46 U.S.C. 2213, 3102, 3306; E.O. 12234, 45 FR 58801, 3 CFR, 1980 Comp., p. 277; 49 CFR 1.46.

§ 193.05-20 [Removed]

142. Section 193.05-20 is removed.

143. In § 193.10-10, paragraphs (j) and (k) are redesignated paragraphs (l) and (m), respectively, paragraphs (i-1) and (i-2) are removed, paragraphs (d) and (i) are revised and new paragraphs (j) and (k) are added to read as follows:

§ 193.10-10 Fire hydrants and hose.

* * * * *

(d) Fire hydrants shall be of sufficient number and so located that any part of the vessel, other than main machinery spaces, may be reached with at least 2 streams of water from separate outlets, at least one of which shall be from a single length of hose. In main machinery spaces, all portions of such spaces shall be capable of being reached by at least 2 streams of water, each of which shall be from a single length of hose from separate outlets; however, this requirement need not apply to shaft alleys containing no assigned space for the stowage of combustibles. Fire hydrants shall be numbered as required by § 196.37-15 of this subchapter.

* * * * *

(i) Each fire hydrant shall have at least one length of fire hose. Each fire hose must have a combination solid stream and water spray nozzle that is approved under Subpart 162.027 of this subchapter, except 19 mm (¾ inch) hose may have a garden hose nozzle that is bronze or metal with strength and corrosion resistance equivalent to bronze. Combination solid stream and water spray nozzles previously approved under Subpart 162.027 of this chapter may be retained so long as they are maintained in good condition to the satisfaction of the Officer in Charge, Marine Inspection.

(j) Each of the following must have a low-velocity water spray applicator previously approved under Subpart 162.027 of this chapter when the fire hose nozzle was also previously approved under Subpart 162.027 of this chapter.

(1) At least one length of fire hose on each fire hydrant outside and in the immediate vicinity of each laboratory.

(2) Each fire hose in each propulsion machinery space containing an oil-fired boiler, internal combustion machinery, or oil fuel unit on a vessel of 1000 gross tons or more. The length of each applicator must be 1.2 m (4 feet).

(k) Fixed brackets, hooks, or other means for stowing an applicator must be next to each fire hydrant that has an applicator under paragraph (j) of this section.

* * * * *

144. Section 193.10-90 is revised to read as follows: