

constructed, properly lighted, heated, drained, ventilated, equipped, located, arranged, and where practicable, shall be insulated from undue noise, heat and odors.

§ 72.20-10 Location of crew spaces.

(a) Crew quarters shall not be located farther forward in the vessel than a vertical plane located at 5 percent of the vessel's length abaft the forward side of the stem at the designed summer load water line. However, for vessels in other than ocean or coastwise service, this distance need not exceed 8.5 m (28 ft). For the purposes of this paragraph, the length shall be as defined in § 43.15-1 of Subchapter E (Load Lines) of this chapter. No section of the deck of the crew spaces shall be below the deepest load line, except that in special cases, the Commandant may approve such an arrangement.

(b) There shall be no direct communication, except through solid, close fitted doors or hatches between crew spaces and chain lockers, or machinery spaces.

§ 72.20-15 Construction.

All crew spaces are to be constructed in a manner suitable to the purpose for which they are intended. The accommodations provided for officers and crew on all vessels shall be securely constructed, properly lighted, heated, drained, ventilated, equipped, located, arranged, and, where practicable, shall be insulated from undue noise, heat and effluvia.

§ 72.20-20 Sleeping accommodations.

(a) Where practicable, each licensed officer shall be provided with a separate stateroom.

(b) Sleeping accommodations for the crew shall be divided into rooms, no one of which shall berth more than four persons.

(c) Each room shall be of such size that there is at least 2.78 m² (30 ft²) of deck area and a volume of at least 5.8 m³ (210 ft³) for each person accommodated. The clear head room shall be not less than 190 cm (75 in). In measuring sleeping accommodations any furnishings contained therein for the use of the occupants are not to be deducted from the total volume or from the deck area.

(d) Each person shall have a separate berth and not more than one berth shall be placed above another. The berth shall be composed of materials not likely to corrode. The overall size of a berth shall not be less than 68 cm (27 in) wide by 190 cm (75 in) long, except by special permission of the Commandant. Where two tiers of berths are fitted, the bottom

of the lower berth must not be less than 30 cm (12 in) above the deck. The berths shall not be obstructed by pipes, ventilating ducts, or other installations.

(e) A locker shall be provided for each person accommodated in a room.

§ 72.20-25 Washrooms and toilet rooms.

(a) There shall be provided at least one toilet, one washbasin, and one 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.

§ 72.20-30 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.

§ 72.20-35 Hospital space.

(a) 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.

(d) 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.

(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.

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

§ 72.20-45 Lighting.

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

§ 72.20-50 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.

§ 72.20-55 Insect screens.

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

§ 72.20-90 Vessels contracted for prior to November 19, 1952.

(a) Vessels of 100 gross tons and over, contracted for prior to March 4, 1915, shall meet the requirements of this paragraph.

(1) Existing structure, arrangements, materials, and facilities, previously approved will be considered satisfactory so long as they are maintained in a suitable condition to the satisfaction of the Officer in Charge, Marine Inspection. Minor repairs and alterations may be made to the same standard as the original construction provided that in no case will a greater departure from the standards of §§ 72.20-5 through 72.20-55 be permitted than presently exists.

(b) Vessels of 100 gross tons and over, contracted for on or after March 4, 1915, but prior to January 1, 1941, shall meet the requirements of this paragraph.

(1) Existing structure, arrangements, materials, and facilities, previously accepted or approved will be considered satisfactory so long as they are maintained in a suitable condition to the satisfaction of the Officer in Charge, Marine Inspection. Minor repairs and alterations may be made to the same standard as the original construction.

(2) Where reasonable and practicable, a minimum of 1 toilet, shower, and washbasin shall be provided for each 10 members of the crew or fraction thereof.

(3) Crew spaces shall have a volume of at least 3.4 m³ (120 ft³) and a deck