

§ 171.113

(b) No more than one door, other than a door to a bunker or shaft alley, may be fitted in a main transverse watertight bulkhead within spaces containing the following:

- (1) Main and auxiliary propulsion machinery.
- (2) Propulsion boilers.
- (3) Permanent bunkers.

§ 171.113 Trunks.

(a) For the purpose of this section, "trunk" means a large enclosed passageway through any deck or bulkhead of a vessel.

(b) Each trunk, other than those specified in paragraph (c) of this section, must have a watertight door at each end except that a trunk may have a watertight door at one end if—

- (1) The trunk does not pass through more than one main compartment;
- (2) The sides of the trunk are not nearer to the shell than is permitted by § 171.067(c) for the sides of a recess in a bulkhead; and
- (3) The vessel complies with the subdivision requirements in this part when the volume of the trunk is included with the volume of the compartment into which it opens.

(c) Each trunk that provides access from a crew accommodation space and that passes through a main transverse watertight bulkhead must comply with the following:

- (1) The trunk must be watertight.
- (2) The trunk, if used for passage at sea, must have at least one end above the margin line and access to the other end of the trunk must be through a watertight door.
- (3) The trunk must not pass through the first main transverse watertight bulkhead aft of the collision bulkhead.

§ 171.114 Penetrations and openings in watertight bulkheads in a vessel less than a 100 gross tons.

(a) Penetrations and openings in watertight bulkheads must—

- (1) Be kept as high and as far inboard as practicable; and
 - (2) Have means to make them watertight.
- (b) Watertight bulkheads must not have sluice valves.

46 CFR Ch. I (10–1–04 Edition)

(c) Each main transverse watertight bulkhead must extend to the bulkhead deck.

[CGD 85–080, 62 FR 51353, Sept. 30, 1997]

Subpart F—Openings in the Side of a Vessel Below the Bulkhead or Weather Deck

§ 171.115 Specific applicability.

(a) Sections 171.116, 171.117, and 171.118 apply to each vessel of 100 gross tons or more.

(b) Section 171.119 applies to each vessel under 100 gross tons.

[CGD 79–023, 48 FR 51017, Nov. 4, 1983, as amended by CGD 85–080, 61 FR 945, Jan. 10, 1996; 62 FR 51353, Sept. 30, 1997]

§ 171.116 Port lights.

(a) A vessel may have port lights below the bulkhead deck if—

- (1) It is greater than 150 gross tons; and
- (2) It is in ocean service.

(b) All port lights in a space must be non-opening if the sill of any port light in that space is below a line that—

- (1) Is drawn parallel to the line formed by the intersection of the bulkhead deck and the shell of the vessel; and
- (2) Has its lowest point $2\frac{1}{2}$ percent of the beam of the vessel above the deepest subdivision load line.

(c) For the purpose of paragraph (b) of this section, the beam of the vessel is measured at or below the deepest subdivision load line.

(d) Except as provided in paragraph (e) of this section, no port light may be located in a space that is used exclusively for the carriage of cargo, stores, or coal.

(e) A port light may be located in a space used alternately for the carriage of cargo or passengers.

(f) Each port light installed below the bulkhead deck must conform to the following requirements:

- (1) The design of each port light must be approved by the Commanding Officer, Marine Safety Center.
- (2) Each non-opening port light must be watertight.
- (3) Each opening port light must be constructed so that it can be secured watertight.