

**§103.16 Meals to be furnished by vessel in certain cases.**

Vessels shall furnish meals to Panama Canal pilots without charge during the ship's regular meal hours and shall furnish a meal to the pilot between 2200 hours and 0400 hours if the vessel is transiting the Canal during such hours. In addition, vessels shall provide meals without charge during the ship's regular meal hours to any other Panama Canal Commission personnel, other than linehandlers, whose assignment will require them to be aboard the vessel for four or more hours. If a vessel is unable to furnish such meals, they may be furnished by the Panama Canal Commission at the expense of the vessel.

**§103.17 Boat for handling lines.**

A vessel shall keep at least one boat ready for lowering, for the purpose of handling lines.

[31 FR 12289, Sept. 16, 1966]

**§103.18 Pilot ladders, hoists and side ports.**

(a) A vessel shall, weather permitting, have both an accommodation ladder and a pilot ladder rigged and ready for use upon arrival in Canal waters.

(b) The pilot ladder shall be constructed and rigged in accordance with Regulation 17, Chapter V, International Convention for Safety of Life at Sea, 1974, TIAS 9700, except that:

(c) When the distance from the waterline to the point of access of the vessel exceeds nine meters or 30 feet, a combination pilot ladder and short brow accommodation ladder must be provided for boarding purposes.

(d) A mechanical pilot hoist may be used for boarding officials and pilots only at their discretion, and provided that the design and construction of the

hoist and ancillary equipment are in accordance with Regulation 17, Chapter V, International Convention for Safety of Life at Sea, 1974.

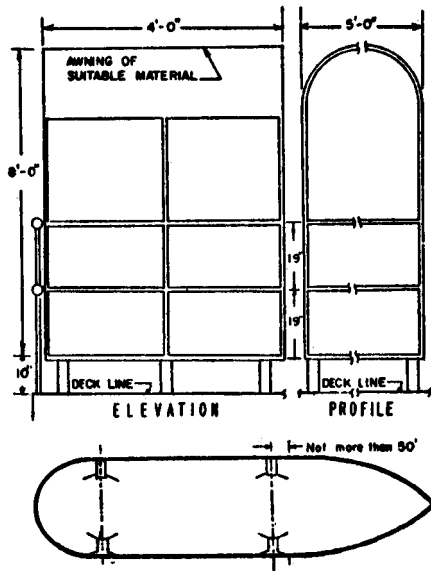
(e) When a mechanical pilot hoist is used, a ring buoy fitted with a lifeline and self-igniting light shall be available and ready for immediate use. The pilot ladder required by §103.18(a) shall be in close proximity to the pilot hoist, ready for immediate use but lashed up so as not to interfere with the pilot hoist.

(f) When the side ports are used for boarding, the minimum vertical distance between the waterline and the bottom of the side port at any draft shall be six feet.

**§103.19 Requirement for pilot shelter platforms.**

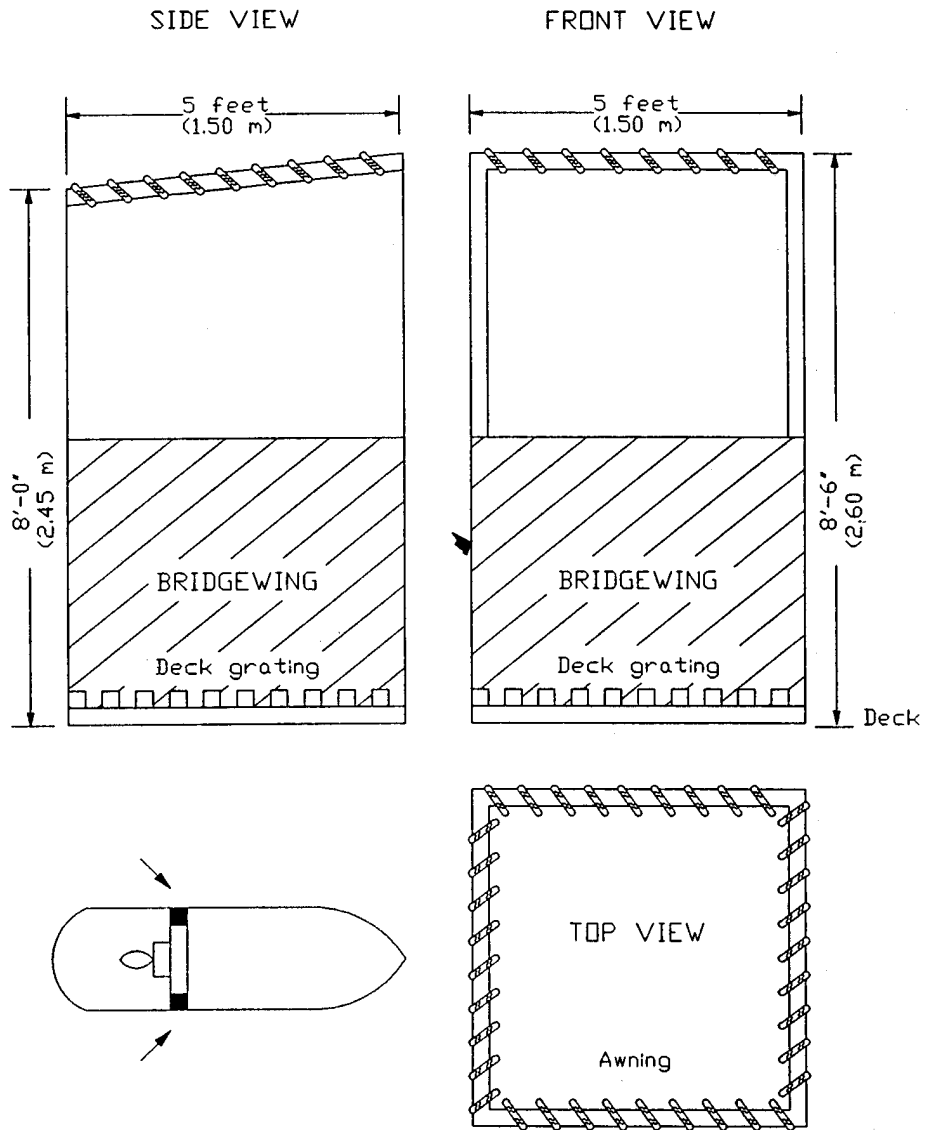
(a) Any vessel that, in accordance with Panama Canal operation standards, is required to have three or more pilots aboard, shall provide suitable pilot shelter platforms for the assisting pilots. The purpose for the pilot platforms is to provide shelters from sun and rain for pilots working near the bow or the stern of a vessel and to provide adequate visibility around the locks in order to reduce the danger of damage. In general, this bow/stern pilot shelter platforms are required on ships of 190.5 meters (625 feet) or more in length and a beam of 30.5 meters (100 feet) or greater. They may also be required on certain smaller ships that the Marine Director or his designated representative determine require three or more pilots. Those vessels requiring shelters shall provide them for use no later than six months from the effective date of the final rule.

(b) The following is a sketch of a simplified pilot platform which is acceptable to the Panama Canal Commission:



(c) Each platform is to be erected over the furthest forward point of the extreme beam at the waterline and not more than six inches from the vertical plane of shell plating. For vessels of unorthodox design requiring aft platforms, they shall be erected at a position which is approximately over the aftermost point of extreme beam at the waterline and not more than six inches inboard from the vertical plane of shell plating.

(d) In addition to the pilot shelter platforms required by paragraph (a) of this section for assisting pilots, all vessels whose extreme beam is 24.4 meters (80 feet) or more, are required to provide bridge wing shelters for the protection of control pilots. The following is a sketch of a bridge wing shelter that is acceptable to the Panama Canal Commission. Alternate arrangements, including portable shelters, which provide equivalent or better protection and visibility may be acceptable.



(e) The purpose of the bridge wing shelter is to provide protection for pilots from sun and rain, while allowing maximum visibility around the locks. On vessels that have a raised conning station at the edge of the bridge wing more than 30 centimeters (1 foot) above the deck level, the height of the awning should be raised accordingly. Awnings are to extend at least 1.52 meters (5 feet) inboard from the outboard edge of the bridge wing. Similarly, their fore-and-aft dimension is to be at least 1.52 meters (5 feet), extending aft from the forward part of the bridge wing. If ship control equipment (engine, rudder or thruster controls, etc.) are located on the bridge wings, these shelters must also extend at least one foot beyond such equipment but must not extend beyond the outboard edge of the bridge wing.

(f) The awnings indicated in the sketches in paragraphs (b) and (d) of this section are to be made of suitable material to provide shelter from sun and rain. The decks of the pilot shelter platforms are to be made of wood or other material with a non-skid surface.

[46 FR 63176, Dec. 30, 1981, as amended at 54 FR 43962, Oct. 30, 1989]

**§ 103.20 Disabling of engines.**

Except when specifically authorized by the Canal authorities, no vessel at any dock or mooring within Canal waters shall have its engines disabled or otherwise rendered inoperative.

**§ 103.21 Precautions against emission of sparks, smoke or noxious gases.**

Vessels in Canal waters shall take all necessary precautions to avoid the issuance of sparks, excessive smoke, or noxious gases.

**§ 103.25 Fishing or placing of nets or other obstructions prohibited.**

No fishing nets or other obstructions shall be placed in any of the navigable waters of the Panama Canal. Fishing boats shall not anchor for the purpose of fishing nor haul nets or trawls in the anchorages or navigable channels of the Canal. Fishing from small craft in the anchorages or navigable channels of the Canal is prohibited.

**§ 103.26 Obstructions not to be placed across channels or anchorages.**

No line, pipe, or other obstruction shall be passed across any channel or anchorage so as to obstruct the passage of vessels.

**§ 103.27 Clear view forward from the bridge and steering light requirement for certain vessels.**

(a) A vessel may not be navigated in Canal waters unless there is a clear, unobstructed view from the bridge.

(b) All vessels over 100 meters (328 feet) in length shall have installed, at or near the stem, a steering range equipped with a fixed blue light which shall be clearly visible from the bridge along the centerline. If said range and light so placed would be partially or completely obstructed, then two such ranges and lights must be installed at an equal distance from the centerline and shall be clearly visible from the bridge along lines parallel to the keel.

(c) Naval or military vessels exempted from the requirements of Part 111 of this chapter shall also be exempt from the requirements of paragraphs (b), (d), and (e) of this section.

(d) The light required by this section shall be capable of being illuminated and extinguished by a suitable control switch located either on the navigation bridge or on the forecandle deck, or both.

(e) The use of this steering light shall be at the discretion of the Panama Canal pilot who has control of the navigation and movement of the vessel.

(f) This section will be effective January 1, 1971.

[35 FR 12274, July 31, 1970, as amended at 46 FR 63181, Dec. 30, 1981; 48 FR 6709, Feb. 15, 1983]

**§ 103.28 Towing of certain vessels required.**

A vessel arriving at an entrance to the Canal and having a mean draft in excess of that allowed under the Load Line Regulations for the tropical zone, applicable for the voyage on which the vessel is engaged, as determined by the American Bureau of Shipping, Lloyd's Register or other acceptable certifying agency, is required to take the services of a Panama Canal tug or tugs from the Pacific entrance Channel Buoy 1