

§ 155.420

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above that is fitted with main or auxiliary machinery spaces in the navigable waters of the United States unless:

(1) The ship has at least one pump installed to discharge oily mixtures through a fixed piping system to a reception facility;

(2) The piping system required by this section has at least one outlet that is accessible from the weather deck;

(3) Each outlet required by this section has a shore connection that is compatible with reception facilities in the ship's area of operation; and

(4) The ship has a stop valve for each outlet required by this section.

(b) Paragraph (a) of this section does not apply to a ship that has approved oily-water separating equipment for the processing of oily mixtures from bilges or fuel oil tank ballast.

(c) This section does not apply to a fixed or floating drilling rig or other platform.

[CGD 75-124a, 48 FR 45715, Oct. 6, 1983, as amended by USCG-2000-7641, 66 FR 55572, Nov. 2, 2001]

§ 155.420 Pumping, piping and discharge requirements for oceangoing ships of 100 gross tons and above but less than 400 gross tons.

(a) No person may operate an oceangoing ship of 100 gross tons and above but less than 400 gross tons that is fitted with main or auxiliary machinery spaces unless:

(1) The ship has at least one pump installed to discharge oily mixtures through a fixed piping system to a reception facility;

(2) The piping system required by this section has at least one outlet accessible from the weather deck;

(3) For a ship on an international voyage, the outlet required by this section has a shore connection that meets the specifications in § 155.430, or the ship has at least one adapter that meets the specifications in § 155.430 and fits the required outlets;

(4) For a ship not on an international voyage, the outlet required by this section has a shore connection that is compatible with reception facilities in the ship's area of operation;

(5) The ship has a means on the weather deck near the discharge outlet

to stop each pump that is used to discharge oily mixtures; and

(6) The ship has a stop valve installed for each outlet required by this section.

(b) Paragraph (a) of this section does not apply to a ship that has approved oily-water separating equipment for the processing of oily mixtures from bilges or fuel oil tank ballast.

(c) This section does not apply to a fixed or floating drilling rig or other platform.

[CGD 75-124a, 48 FR 45715, Oct. 6, 1983, as amended by USCG-2000-7641, 66 FR 55572, Nov. 2, 2001]

§ 155.430 Standard discharge connections for oceangoing ships of 400 gross tons and above.

(a) All oceangoing ships of 400 gross tons and above must have a standard shore connection for reception facilities to discharge oily mixtures from machinery space bilges or ballast water containing an oily mixture from fuel oil tanks. The discharge connection must have the following dimensions:

(1) Outside diameter=215 millimeters (mm).

(2) Inner diameter=according to pipe outside diameter.

(3) Bolt circle diameter=183 mm.

(4) Slots in flange=6 holes 22 mm in diameter equidistantly placed on a bolt circle of the above diameter, slotted to the flange periphery. The slot width to be 22 mm.

(5) Flange thickness=20 mm.

(6) Bolts and nuts, quantity and number=6 each of 20 mm in diameter and of suitable length.

(b) A portable adapter that meets the specifications of paragraph (a) of this section and that fits the discharge shore connection, for the discharge of oily wastes from machinery space bilges may be substituted for the standard discharge connection requirement of paragraph (a) of this section.

(c) The flange must be designed to accept pipes up to a maximum internal diameter of 125 mm and shall be of steel or other equivalent material having a flat face. This flange, together with a gasket of oilproof material, must be suitable for a service pressure