

§ 155.430

33 CFR Ch. I (7-1-10 Edition)

(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 of 6 kilograms/square centimeters (kg/cm²).

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

§ 155.440 Segregation of fuel oil and ballast water on new oceangoing ships of 4,000 gross tons and above, other than oil tankers, and on new oceangoing oil tankers of 150 gross tons and above.

(a) Except as provided for in paragraph (b) of this section, in new oceangoing ships of 4,000 gross tons and above other than oil tankers, and in new oceangoing oil tankers of 150 gross tons and above, ballast water must not be carried in any fuel oil tank.

(b) Where abnormal conditions or the need to carry large quantities of fuel oil render it necessary to carry ballast water that is not a clean ballast in any fuel oil tank, that ballast water must be discharged to reception facilities or into the sea in compliance with part 151 of this chapter using the equipment specified in §155.370, and an entry shall be made in the Oil Record Book to this effect.

(Approved by the Office of Management and Budget under control number 1625-0009)

[CGD 75-124a, 48 FR 45715, Oct. 6, 1983, as amended by USCG-2006-25150, 71 FR 39210, July 12, 2006]

§ 155.450 Placard.

(a) A ship, except a ship of less than 26 feet in length, must have a placard of at least 5 by 8 inches, made of durable material fixed in a conspicuous place in each machinery space, or at the bilge and ballast pump control station, stating the following:

DISCHARGE OF OIL PROHIBITED

The Federal Water Pollution Control Act prohibits the discharge of oil or oily waste into or upon the navigable waters of the United States, or the waters of the contiguous zone, or which may affect natural resources belonging to, appertaining to, or under the exclusive management authority of the United States, if such discharge causes a film or discoloration of the surface of the water or causes a sludge or emulsion beneath the surface of the water. Violators are subject to substantial civil penalties and/or criminal sanctions including fines and imprisonment.

(b) Existing stocks of placards may be used for the life of the placard.

(c) The placard required by paragraph (a) or (b) of this section must be printed in the language or languages understood by the crew.

[CGD 75-124a, 48 FR 45715, Oct. 6, 1983, as amended by CGD 93-054, 58 FR 62262, Nov. 26, 1993]

§ 155.470 Prohibited spaces.

(a) In a ship of 400 gross tons and above, for which the building contract is placed after January 1, 1982 or, in the absence of a building contract, the keel of which is laid or which is at a similar stage of construction after July 1, 1982, oil or hazardous material must not be carried in a forepeak tank or a tank forward of the collision bulkhead.

(b) A self-propelled ship of 300 gross tons and above, to which paragraph (a) of this section does not apply, may not carry bulk oil or hazardous material in any space forward of a collision bulkhead except:

(1) For a ship constructed after June 30, 1974, fuel oil for use on the ship may be carried in tanks forward of a collision bulkhead, if such tanks are at least 24 inches inboard of the hull structure; or

(2) For a ship constructed before July 1, 1974, fuel oil for use on the ship may be carried in tanks forward of a collision bulkhead, if such tanks were designated, installed, or constructed for fuel oil carriage before July 1, 1974.

[CGD 75-124a, 48 FR 45715, Oct. 6, 1983, as amended by CGD 86-034, 55 FR 36254, Sept. 4, 1990]

§ 155.480 Overfill devices.

(a) For the purposes of this section, "oil" has the same definition as provided in §151.05 of this chapter.

(b) Each tank vessel with a cargo capacity of 1,000 or more cubic meters (approximately 6,290 barrels), loading oil or oil residue as cargo, must have one overfill device that is permanently installed on each cargo tank and meets the requirements of this section.

(1) On a tankship, each cargo tank must be equipped with an overfill device (including an independent audible alarm or visible indicator for that tank) that meets the requirements for tank overfill alarms under 46 CFR 39.20-7(b)(2) and (3), and (d)(1) through (d)(4).

(2) On a tank barge, each cargo tank must be equipped with an overfill device that—

(i) Meets the requirements of 46 CFR 39.20-7(b)(2) and (b)(3) and (d)(1) through (d)(4), and 46 CFR 39.20-9(a)(1) through (a)(3);

(ii) Is an installed automatic shutdown system that meets the requirements of 46 CFR 39.20-9(b); or

(iii) Is an installed high level indicating device that meets the requirements of 46 CFR 39.20-3(b)(1), (b)(2), and (b)(3).

(c) Each cargo tank of a U.S. flag tank vessel must have installed on it an overfill device meeting the requirements of this section at the next scheduled cargo tank internal examination performed on the vessel under 46 CFR 31.10-21.

(d) Each cargo tank of a foreign flag tank vessel must have installed on it an overfill device—

(1) At the first survey that includes dry docking, as required by the vessel's flag administration, to meet the International Convention for the Safety of Life at Sea (SOLAS), 1974, as amended, or the International Load Line Convention of 1966; or

(2) At the first cargo tank internal examination performed on the tank vessel under 46 CFR 31.10-21.

(e) This section does not apply to a tank vessel that does not meet the double hull requirements of §157.10d of this chapter and, under 46 U.S.C. 3703a(c),