§ 153.336 Special cargo pump or pumproom requirements.

(a) When Table 1 refers to this section:
(1) The cargo pump must be an intank cargo pump;
(2) The cargo pumproom must be on or above the weatherdeck; or
(3) The cargo pumproom must have the specific approval of the Commandant (CG–522).

(b) For a cargo pumproom described in paragraph (a)(2) or (a)(3) the tankship must:
(1) Have a low pressure breathing quality air supply system for use with the breathing apparatus in the pumproom; or
(2) Meet any requirements specified by the Commandant (CG–522).

(c) A low pressure air supply system described in paragraph (b)(1) of this section must:
(1) Run from fixed air bottles to the pumproom;
(2) Have an air compressor to recharge the fixed air bottles;
(3) Have hose connections in the pumproom suitable for use with the breathing apparatus required in § 153.214(b)(1); and
(4) Have the air capacity to enable two men to work in the pumproom for at least one hour each without using the cartridges for the breathing apparatus required in § 153.214(b)(1).


§ 153.350 Location of B/3 vent discharges.

Except as prescribed in § 153.353, a B/3 venting system must discharge:

(a) At least 4m (approx. 13.1 ft) above the weatherdeck or walkway.

(b) Prevent precipitation from entering the vent system.

[CGD 78–128, 47 FR 21208, May 17, 1982]

§ 153.351 Location of 4 m vent discharges.

A 4 m venting system must discharge:

(a) At least 10m (approx. 32.8 ft) from air intakes for, or openings into, accommodation and service spaces.

(b) At least 15m (approx. 49.2 ft) from air intakes for, or openings into, accommodation and service spaces.

[CGD 78–128, 47 FR 21208, May 17, 1982]

§ 153.352 B/3 and 4 m venting system outlets.

A B/3 or 4 m venting system outlet must:

(a) Discharge vertically upwards; and

(b) Prevent precipitation from entering the vent system.

[CGD 78–128, 47 FR 21208, May 17, 1982]

§ 153.353 High velocity vents.

The discharge point of a B/3 or 4 m venting system must be located at least 3m (approx. 10 ft) above the weatherdeck or walkway if:

(a) The discharge is a vertical, unimpeded jet;

(b) The jet has a minimum exit velocity of 30 m/sec (approx. 98.4 ft/sec); and

(c) The high velocity vent has been approved by Commandant (CG–522).


§ 153.354 Venting system inlet.

A venting system must terminate in the vapor space above the cargo when the tank is filled to a 2 percent ullage and the tankship has no heel or trim.

[CGD 78–128, 47 FR 21208, May 17, 1982]

§ 153.355 PV venting systems.

When Table 1 requires a PV venting system, the cargo tank must have a PV valve in its vent line. The PV valve must be located between the tank and any connection to another tank's vent line (such as a vent riser common to two or more tanks).