

§ 155.235

paragraph (b)(2) of this section. Before you use such a measure or system, however, it must receive the approval of the Commandant (CG-521). It will receive this approval if it provides protection against grounding of the tank vessel comparable to that provided by one of the other two measures described in this section.

[USCG-1998-4443, 65 FR 31811, May 19, 2000, as amended by USCG-2001-8661, 74 FR 45026, Aug. 31, 2009; USCG-2010-0351, 75 FR 36285, June 25, 2010]

§ 155.235 Emergency towing capability for oil tankers.

An emergency towing arrangement shall be fitted at both ends on board all oil tankers of not less than 20,000 deadweight tons (dwt), constructed on or after September 30, 1997. For oil tankers constructed before September 30, 1997, such an arrangement shall be fitted at the first scheduled dry-docking, but not later than January 1, 1999. The design and construction of the towing arrangement shall be in accordance with IMO resolution MSC.35(63) (incorporated by reference; see § 155.140).

[USCG-2001-8661, 74 FR 45026, Aug. 31, 2009]

§ 155.240 Damage stability information for oil tankers and offshore oil barges.

(a) Owners or operators of oil tankers and offshore oil barges shall ensure that their vessels have prearranged, prompt access to computerized, shore-based damage stability and residual structural strength calculation programs.

(b) Vessel baseline strength and stability characteristics must be pre-entered into such programs and be consistent with the vessel's existing configuration.

(c) Access to the shore-based calculation program must be available 24 hours a day.

(d) At a minimum, the program must facilitate calculation of the following:

(1) Residual hull girder strength based on the reported extent of damage.

(2) Residual stability when the vessel's compartments are breached.

(3) The most favorable off-loading, ballasting, or cargo transfer sequences

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to improve residual stability, reduce hull girder stresses, and reduce ground-force reaction.

(4) The bending and shear stresses caused by pinnacle loads from grounding or stranding.

[CGD 90-068, 58 FR 67996, Dec. 22, 1993, as amended by USCG-1998-3799, 63 FR 35531, June 30, 1998]

§ 155.245 Damage stability information for inland oil barges.

(a) Owners or operators of inland oil barges shall ensure that the vessel plans necessary to perform salvage, stability, and residual hull strength assessments are maintained at a shore-based location.

(b) Access to the plans must be available 24 hours a day.

[CGD 90-068, 58 FR 67997, Dec. 22, 1993, as amended by USCG-1998-3799, 63 FR 35531, June 30, 1998]

§ 155.310 Containment of oil and hazardous material cargo discharges.

(a) A tank vessel with a capacity of 250 or more barrels that is carrying oil or hazardous material as cargo must have—

(1) Under or around each loading manifold and each transfer connection point, a fixed container or enclosed deck area that, in all conditions of ship list or trim encountered during the loading operation, has a capacity of at least:

(i) One half barrel if it serves one or more hoses with an inside diameter of 2 inches or less, or one or more loading arms with a nominal pipe size diameter of 2 inches or less;

(ii) One barrel if it serves one or more hoses with an inside diameter of more than 2 inches but less than 4 inches, or one or more loading arms with a nominal pipe size diameter of more than 2 inches but less than 4 inches;

(iii) Two barrels if it serves one or more hoses with an inside diameter of 4 inches or more, but less than 6 inches, or one or more loading arms with a nominal pipe size diameter of 4 inches or more, but less than 6 inches;

(iv) Three barrels if it serves one or more hoses with an inside diameter of 6 inches or more, but less than 12 inches, or one or more loading arms with a nominal pipe size diameter of 6