

Subpart D—Dual Measurement System

§ 69.151 Purpose.

This subpart prescribes measurement requirements for the assignment of either one gross and one net tonnage or two gross and two net tonnages to vessels under the Dual Measurement System.

§ 69.153 Application of other laws.

(a) If a vessel is assigned two gross tonnages under § 69.175(b), the higher gross tonnage is the tonnage used when applying inspection, manning, and load line laws and regulations to the vessel.

(b) Tonnage marks are not to be construed as additional load line marks. Whether or not a tonnage mark is submerged under § 69.171 has no effect on the applicability of load line laws and regulations.

§ 69.155 Measurement requirements.

Except as otherwise required by this subpart, the measurement requirements under the Standard Measurement System in subpart C of this part apply to the measurement of vessels under the Dual Measurement System.

§ 69.157 Definitions.

Terms used in this subpart that are defined in § 69.103 have the same meaning as in § 69.103, except the terms listed below. As used in this subpart,—

Gross tonnage is defined in § 69.161(a).

Line for fresh and tropical waters means the line described in § 69.177(b)(2).

Line of the second deck means the line described in § 69.181.

Line of the uppermost complete deck means a longitudinal line at the underside of the uppermost complete deck or, if that deck is stepped, the longitudinal line of the underside of the lowest portion of that deck parallel with the upper portions of that deck.

Net tonnage is defined in § 69.161(b).

Second deck means the next deck below the uppermost complete deck that meets the following:

(a) Is continuous athwartships and in a fore-and-aft direction at least between peak bulkheads, even though the deck may have interruptions or openings due to propelling machinery

spaces, to hatch and ventilation trunks not extending longitudinally completely between main transverse bulkheads, to ladder and stairway openings, to chain lockers, or to cofferdams.

(b) Is fitted as an integral and permanent part of the vessel.

(c) Has proper covers to all main hatchways.

(d) Does not have steps the total of which exceed 48 inches in height.

Tonnage deck means, for a vessel with only one deck, the uppermost complete deck and, for a vessel with a second deck, the second deck.

Tonnage mark means the line described in § 69.177(a)(2).

§ 69.159 Application for measurement services.

Applications for measurement services under this subpart must include the application information and plans required for the Standard Measurement System under § 69.105. The application must indicate whether a line for fresh and tropical waters is requested under § 69.177(b) and, for vessels with more than one deck, indicate whether one or two sets of tonnages are desired under § 69.175.

§ 69.161 Gross and net tonnages.

(a) *Gross tonnage* means the tonnage of a vessel, less certain spaces exempt under § 69.169, and is the sum of the following:

- (1) Under-deck tonnage (§ 69.163).
- (2) Between-deck tonnage (§ 69.165)
- (3) Superstructure tonnage (§ 69.167)
- (4) Excess hatchway tonnage (§ 69.115)
- (5) Tonnage of framed-in propelling machinery spaces included in calculating gross tonnage (§ 69.121(d)(1)).

(b) *Net tonnage* means gross tonnage less deductions under § 69.119 and § 69.121.

§ 69.163 Under-deck tonnage.

The under-deck tonnage provisions in § 69.109 apply; except that, under the Dual Measurement System, spaces between the line of the tonnage deck and the tonnage deck itself due to a stepped tonnage deck are included in under-deck tonnage.