



IMCO

INTERNATIONAL CONFERENCE ON
TONNAGE MEASUREMENT, 1969
Technical Committee

RE-DRAFT OF REGULATIONS 3 AND 4

Regulation 3

Gross Tonnage

The gross tonnage of a ship GT [in register tons] shall be determined by the following formula:

$$GT = K_1 V$$

where: V = Total volume of all enclosed spaces
of the ship in cubic metres (cubic feet),

$$K_1 = 0.2 + 0.02 \log_{10} V \text{ (see table in Appendix).}$$

Regulation 4

Net Tonnage

(1) The net tonnage of a ship NT [in register tons] shall be determined by the following formula:

$$NT = K_2 V_c \left(\frac{4d}{3D} \right)^2 + K_3 \left(N_1 + \frac{N_2}{10} \right)$$

Where V_c = total volume of cargo spaces in cubic metres,

$$K_2 = 0.2 + 0.02 \log_{10} V_c \text{ (see table in Appendix),}$$

$$K_3 = 1.25 \frac{GT + 10,000}{10,000}$$

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- D = moulded depth of the ship amidships as defined in Regulation 2(2) in metres,
- d = moulded draught of the ship amidships in metres as defined in paragraph (2) of this Regulation; where d exceeds 0.75D, d shall be taken 0.75D,
- N_1 = total number of passengers in cabins,
- N_3 = total number of passengers without cabins,
- $N_1 + N_2$ = total number of passengers the ship is permitted to carry as indicated in the ship's certificate International Tonnage Certificate (1969); where $N_1 + N_2$ is less than 13, $N_1 + N_2$ shall be taken zero,
- GT = gross tonnage of the ship in register tons as obtained from Regulation 3.

The value of $K_1 V_c \left(\frac{4d}{3D}\right)^2$ in the formula shall not be taken less than 0.25GT.

- (2) The moulded draught d of the ship referred to in paragraph (1) of this Regulation shall be one of the following draughts:
- (i) for ships to which the International Convention on Load Lines in force applies, the draught corresponding to the Summer Load Line other than timber load line assigned in accordance with that Convention;
 - (ii) for passenger ships, the draught corresponding to the deepest subdivision load line assigned in accordance with the International Convention for the Safety of Life at Sea in force or other international agreement where applicable;

- (iii) for ships to which the International Convention on Load Lines does not apply but which have been assigned a load line in compliance with national requirements, the draught corresponding to the Summer Load Line so assigned;
 - (iv) for ships to which no load line is assigned but the draught of which is restricted in compliance with national requirements, the maximum permitted draught;
or
 - (v) for other ships, 75 per cent of the moulded depth as defined in Regulation 2.
- (3) In no case shall the net tonnage of a ship be less than 30 per cent of its gross tonnage determined in accordance with the provisions of Regulation 3.
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