

S. S. Zamboni.

Calculation of Freeboard as per rules and tables.

Dimensions as per Register,  $330.6 \times 36.7 \times 27.5$ .

Moulded depth to main deck,  $21' 0''$ .

Height from top of main to spar deck beams,  $7' 6''$

Gross tonnage  $2455$ .

$$\text{Coeff. of fineness} = \frac{2455 \times 100}{330.6 \times 36.7 \times 27.5} = .736, \text{ say } .74.$$

Then by Table B. taking moulded depth  $21' 0''$ , length  $336' 0''$ , coeff. .74, and ignoring trifling correction of .6 of an inch for reduction of 5.4 feet in length, the freeboard is  $7' 5''$

$$\begin{array}{r} \text{Excess of } 6'' \text{ in height between beams} \quad 6'' \\ \hline 7' 5'' \\ \hline 7' 11'' = \text{freeboard} \end{array}$$

Note. I have added to the freeboard of  $7' 5''$ , as per table, the excess of 6" over the fixed height of  $7' 0''$  from beam to beam, as I presume this is intended to retain the relative positions of main deck and load lines.

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