

In a ship without an enclosed superstructure covering at least  $\cdot 6 L$  amidships, without a complete trunk or without a combination of intact partial superstructures and trunk extending all fore and aft, where  $D$  is less than  $\frac{L}{15}$  the depth used with the Table is not to be taken as less than  $\frac{L}{15}$

Rule XXXVI.—*Coefficient of Fineness (c).*

The coefficient of fineness used with the Freeboard Table is given by—

$$c = \frac{35 \Delta}{L.B.d_1},$$

where  $\Delta$  is the ship's moulded displacement in tons (excluding bossing) at a mean moulded draught  $d_1$  which is 85 per cent of the moulded depth.

The coefficient  $c$  is not to be taken as less than  $\cdot 68$ .

Rule XXXVII.—*Strength.*

The Assigning Authority is to be satisfied with the structural strength of ships to which freeboards are assigned.

Ships which comply with the highest standard of the rules of a Classification Society recognized by the Administration, shall be regarded as having sufficient strength for the minimum freeboards allowed under the Rules.

Ships which do not comply with the highest standard of the rules of a Classification Society recognized by the Administration, shall be assigned such increased freeboards as shall be determined by the Assigning Authority, and for guidance the following strength moduli are formulated:—

*Material.*—The strength moduli are based on the assumption that the structure is built of mild steel, manufactured by the open hearth process (acid or basic), and having a tensile strength of 26 to 32 tons per square inch, and an elongation of at least 16 per cent on a length of 8 inches.

*Strength Deck.*—The strength deck is the uppermost deck which is incorporated into and forms an integral part of the longitudinal girder within the half-length amidships.

*Depth to Strength Deck (Ds).*—The depth to strength deck is the vertical distance in feet amidships from the top of the keel to the top of the strength deck beam at side.

*Draught (d).*—The draught is the vertical distance in feet amidships from the top of the keel to the centre of the disc.