

S.S. "EUCLID".STATEMENT OF STRESSES.on scantlings existing at Time of Voyage.

Stress due to Sagging (actual loading as per sketch). = 10.2 tons/□ " +

Based on Standard Case

$$\begin{array}{rcl}
 (1) \text{ Sagging} & = \text{say } \frac{WL}{60} & = 5.9 \text{ tons} / \square " + \\
 (2) \text{ Hogging} & = " \frac{WL}{35} & = 10.2 " " -
 \end{array}
 \quad \left. \vphantom{\begin{array}{rcl} (1) \text{ Sagging} \\ (2) \text{ Hogging} \end{array}} \right\}$$

Stress due to Sagging, vessel loaded as at Time of Voyage,  
 but filling in end Holds with homogeneous cargo, to  
 bring her down to Load Water Line =

$$4.8 \text{ tons} / \square " +$$

on Scantlings as approved.

(conditions as above)

$$\begin{array}{rcl}
 \text{Stress} & = & 9.1 \text{ tons} / \square " + \\
 \text{Sagging } \frac{WL}{60} & = & 5.3 \text{ tons} / \square " + \\
 \text{Hogging } \frac{WL}{35} & = & 9.1 \text{ tons} / \square " - \\
 \text{Stress} & = & 4.3 \text{ tons} / \square " +
 \end{array}$$



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