

S/S Carriglen

PRINT II

Distance between attachments to structure = span =  $26\frac{3}{8}$ "

Diameter of Roller .0787"

Length of Pointer 19"

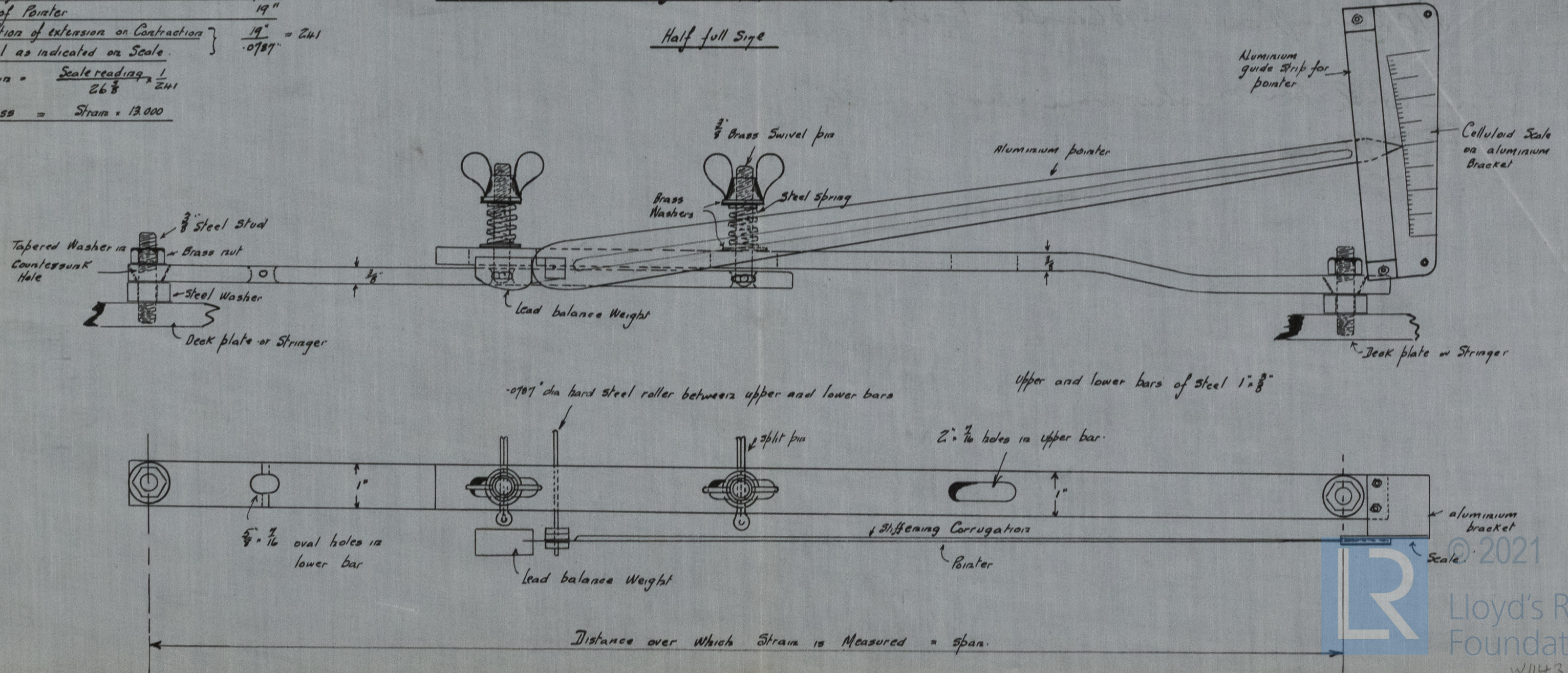
Magnification of extension or contraction of Material as indicated on Scale.  $\frac{19}{.0787} = 241$

Strain =  $\frac{\text{Scale reading}}{26\frac{3}{8}} = \frac{1}{241}$

Stress = Strain  $\times 12,000$

Extensometer used during the Voyage Middlesbrough - Montreal - Newcastle

Half full size





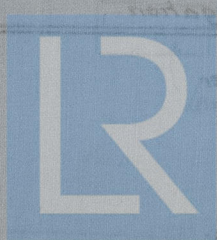
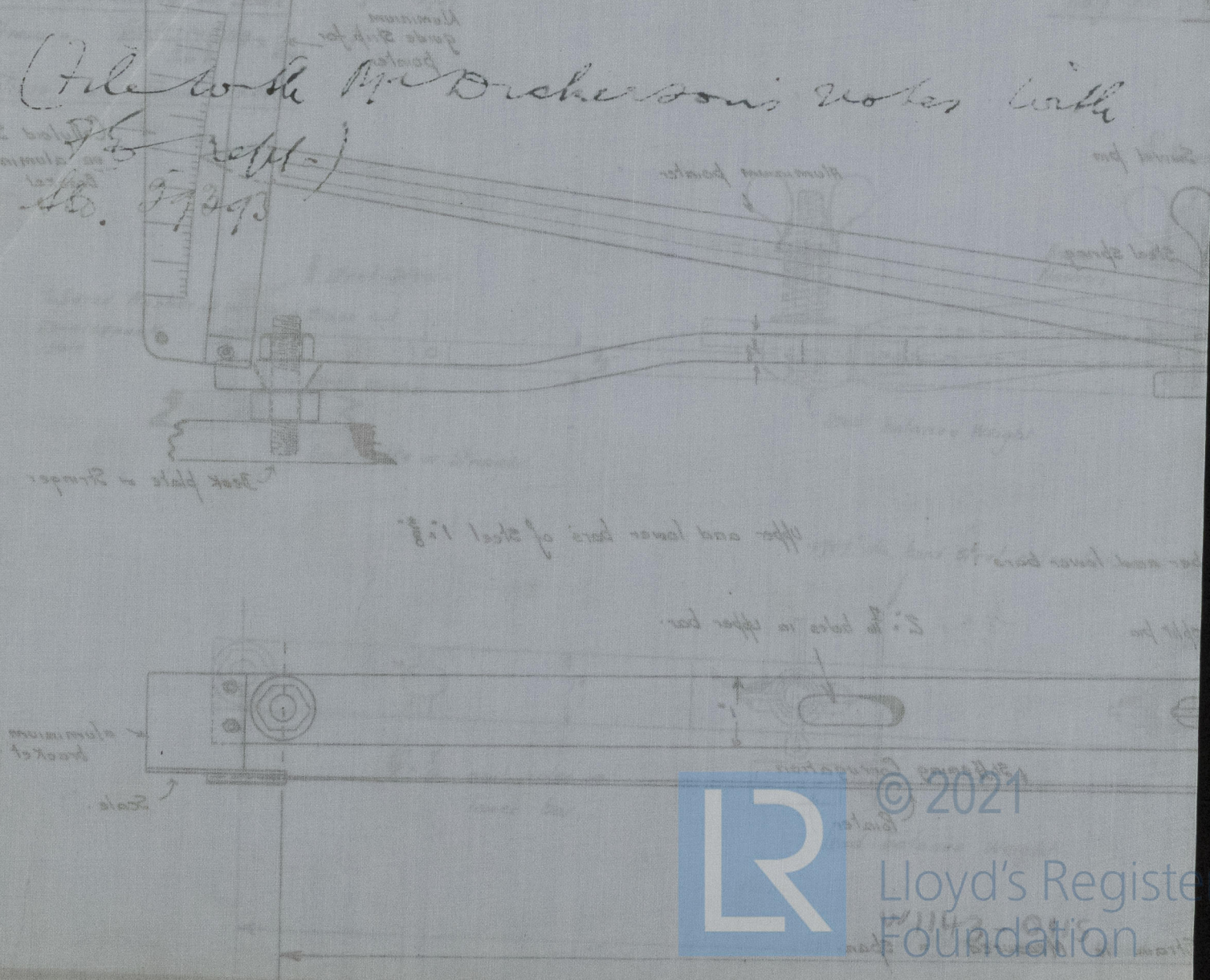
PRINT II

McKenney

Bl. Sec 1916

(File with Mr. Dickerson's notes with

Dr. 97293)



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