

# PROPOSED TRAWLER STERN & RUDDER FRAME

SCALE:  $\frac{1}{2}" = 1 \text{ FT.}$

MATERIAL: FORGED IRON

RUDDER AREA: 60  $\text{sq. ft.}$

A x D 192

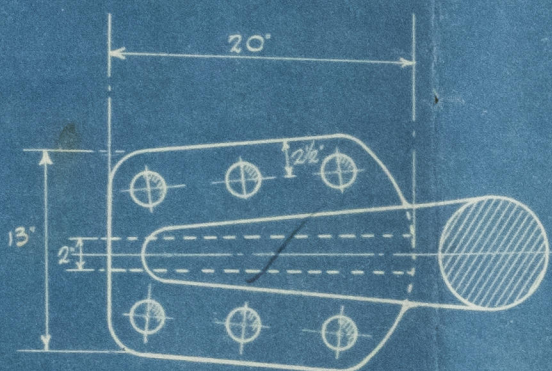
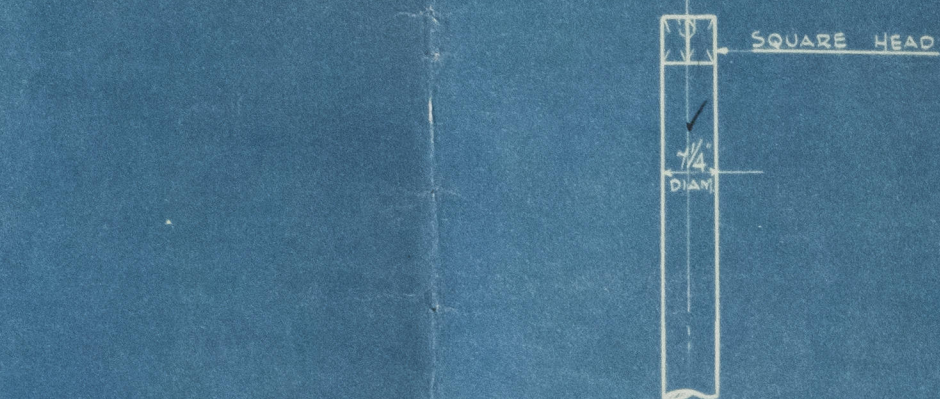
SPEED: BETWEEN 10 AND 12 KNOTS

LONGITUDINAL NO 2227

TO BE TESTED TO THE SATISFACTION OF LLOYD'S SURVEYOR

RIVETING: STERNFRAME: 1" DIA RIVS. SPACED 5" APART CR3 (REELED)  
CONNECTION TO TRANSOM:  $\frac{7}{8}"$  DIA RIVS. SPACED  
4 3/8" APART CR3 IN FORE ROW AND 6" APART CR3  
IN AFTER ROW

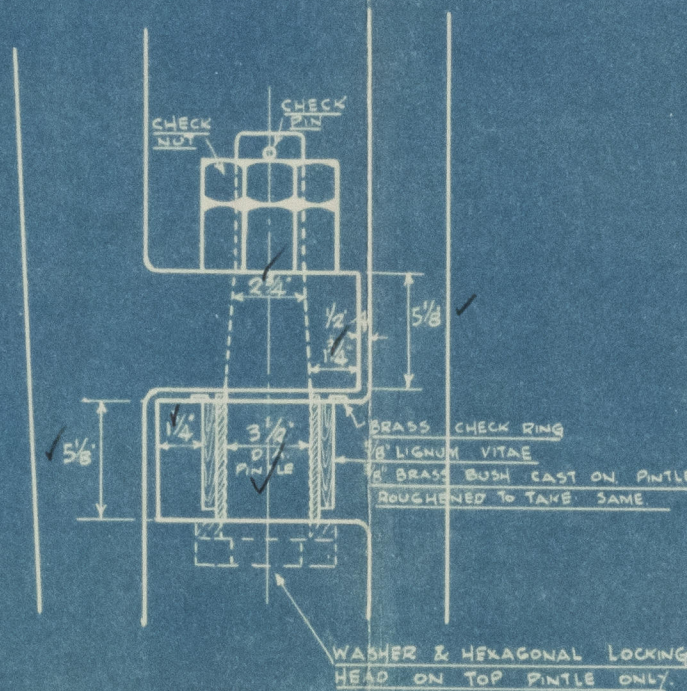
HOLES TO BE DRILLED



RUDDER COUPLING  
NO OF BOLTS: 6  
DIA OF BOLTS:  $2\frac{1}{8}"$   
THICKNESS OF FLANGES:  $2\frac{1}{8}"$

7 1/4" D  
6 1/2" D

Ave  
413  
423  
374  
457



DETAIL OF GUDGEON

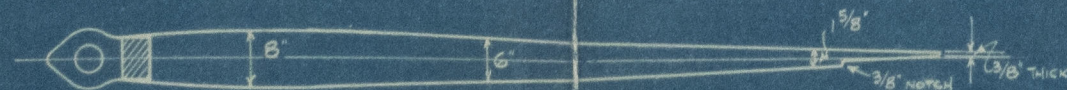
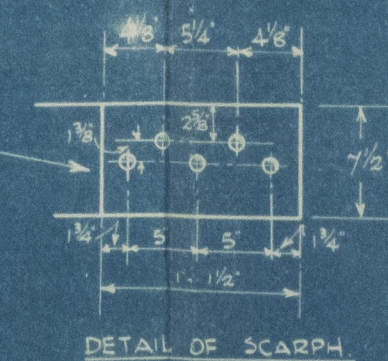
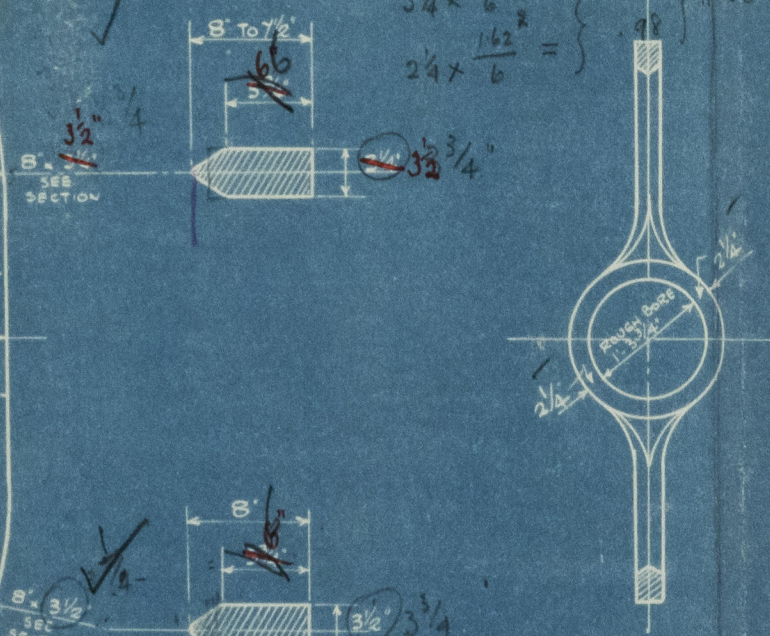
Rule  $6 \times 3\frac{3}{4}$

$$6 \times \frac{3.75}{6} = 14.1$$

$$\left. \begin{aligned} 5\frac{3}{4} \times \frac{3\frac{3}{4}}{6} &= 10.1 \\ 2\frac{3}{4} \times \frac{1.62}{6} &= .98 \end{aligned} \right\} 11.08$$

$$\left. \begin{aligned} 5\frac{3}{4} \times \frac{3\frac{3}{4}}{6} &= 11.75 \\ 2\frac{3}{4} \times \frac{1.75}{6} &= 1.15 \end{aligned} \right\} 12.9$$

$$\left. \begin{aligned} 5\frac{3}{4} \times \frac{3.75}{6} &= 13.5 \\ 2\frac{3}{4} \times \frac{1.87}{6} &= 1.82 \end{aligned} \right\} 14.92$$



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Foundation



MESSRS SMITH'S DOCK CO L<sup>TD</sup>


STEAM TRAWLER. 151'0" x 26'3" x 14'9"

STERN & RUDDER, FRAMES

Yard No 952 - 961

PLANS TRANSFERRED  
TO SISTER VESSEL

N. BOX NO 1265

X 8 Arsenal X  X

D 211 Dec 4

DISCLASSIFIED  
PLANS TRANSFERRED  
TO SISTER VESSEL

 Lloyd's Register  
Derby County

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