



$$1^{\text{ST}} \text{ LONGITUDINAL } N^{\circ} = L \times D = 222 \times 17.5 = 3885$$

$$\text{AREA OF RUDDER} = 59.49 \text{ SQ. FT.}$$

$$\text{C.G. OF RUDDER ABOARD OR LINE OF PINTLES} = 2.63 \text{ FT.}$$

$$A \times D = 59.49 \times 2.63 = 156.459 \quad \text{SPEED OF VESSEL} = 9 \text{ KNOTS.}$$

STERNPOST OF FORGED IRON

RUDDER FRAME OF FORGED IRON IN TWO PIECES WITH

COUPLING. TO HAVE ARMS SHRUNK ON AND KEYED TO STOCK

RIVETING- HOLES IN STERNPOST ABOVE COUNTER TO SUIT 3/4" DIA RIVETS SPACED 3 3/4" APART.

HOLES IN STERNPOST BELOW COUNTER TO SUIT 1" DIA RIVETS SPACED 5" APART.

HOLES IN RUDDER ARMS TO SUIT 1 1/2" DIA RIVETS SPACED 5" APART AND C/SK AS REQ.

TO LLOYDS LATEST REVISED RULES TO CLASS "LLOYDS 100 A 1" HOPPER DREDGER.

**N<sup>o</sup> 280.**  
**STERNPOST & RUDDER.**  
**SCALE 1" = 1 FT.**

FERGUSON BROS.  
 (PORT GLASGOW) LTD  
 SHIPBUILDERS & ENGINEERS

APPROVED  
 LLOYDS REGISTER OF SHIPPING

DATE 9.1.25





Ferguson Bros (Port Glasgow)

Sw. L. Hopper Dredge

"PIEL"

N<sup>o</sup> 280.

Sternframe & Rudder.

G.R. Rept. N<sup>o</sup> 18664.



© 2021

Lloyd's Register  
Foundation

009610-009620-0018