

S. S. Nos 230 + 237. 238.


RUDDER + STERN FRAME.

LLOYD'S REGISTER,
LONDON.

RECD 20 SEP 1919

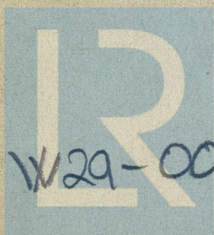
ANSO

R. WILLIAMSON & SON,
WORKINGTON.

No 230 = ss. *Drynan*  1st Entry Rpt
Jno 1839

gls. 40524

S/B Ardstean.



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W29-0059 Lloyd's Register
Foundation

RUDDER AND STERN FRAME S.S. N^o 230. 237.

SCALE $\frac{1}{4}$ " = 1 FOOT.

ALL TO BE PASSED BY LLOYDS.

238

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21/6/18.

20/9/19 W-20

20/9/19 W-20

KEYWAY ON AFT SIDE
SLOT $1\frac{1}{2} \times \frac{1}{2} \times \frac{1}{8}$

HEAD TO BE TURNED NOT
LESS THAN 2'-6" DOWN.

DISTANCE OF C.G. ABAFT CENTRE LINE
OF PINTLES IS 2'-10" FEET.
AREA OF RUDDER IS 44'-43" SQ. FEET.
 $2 \cdot 10 \times 44 \cdot 43 = \text{NUMERAL } 93 \cdot 30$.
SPEED UNDER 10 KNOTS.

RUDDER BANDS BORED FOR 1" RIVETS
4'-2" APART. HOLES TO BE COUNTERSUNK
ON OUTSIDE.

RUDDER FRAME:- TO HAVE PINS TURNED AND SCREWED TO SIZE GIVEN.

CENTRE LINE OF PINS TO BE TRUE BOTH WAYS, GREAT CARE
TO BE TAKEN TO HAVE STERN POST + RUDDER POST EXACT LENGTH.

STERN FRAME:- $5\frac{3}{4} \times 4\frac{1}{2}$ TAPERED ABOVE DOTTED LINE TO $5\frac{3}{4} \times 2\frac{1}{4}$ AT HEAD.

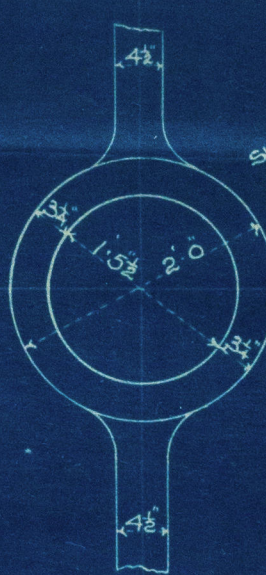
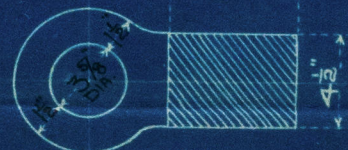
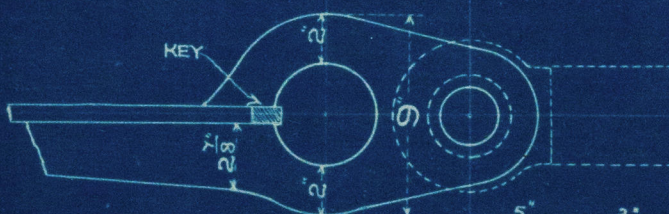
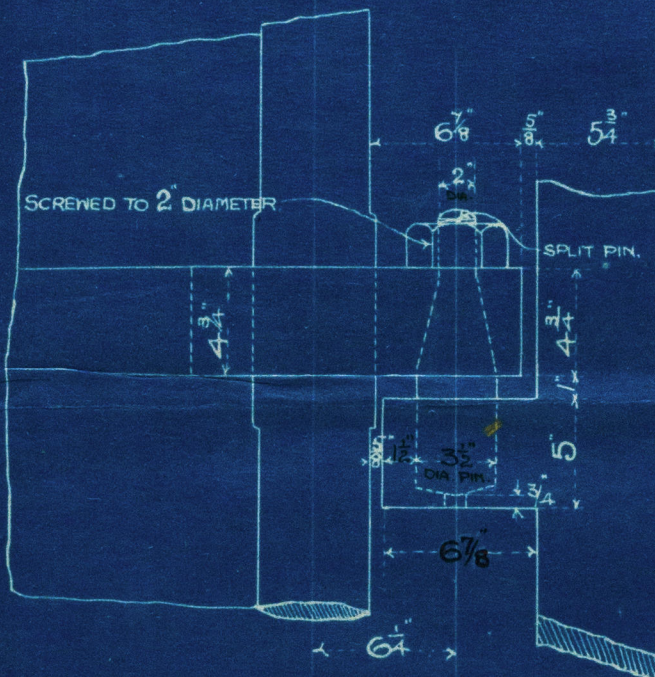
HOLES IN POST BELOW DOTTED LINE FOR 1" RIVETS 5" APART.

HOLES ABOVE DOTTED LINE FOR $\frac{3}{4}$ " RIVETS 5" APART.

PROPELLER POST- $6\frac{1}{4} \times 4\frac{1}{2}$ HOLES FOR 1" RIVETS 5" APART.

ENLARGED SKETCH OF GUDGEONS AND PINS.

$\frac{3}{8}$ " HOLES BORED IN STERN POST GUDGEONS 4'-4" DEEP, BOTTOM
GUDGEONS BORED 4" DEEP. CENTRE OF HOLES $3\frac{5}{8}$ " AFT SIDE OF
POST SO THAT RUDDER WILL WORK $\frac{5}{8}$ " CLEAR. RUDDER PINS ALL TO BEAR.



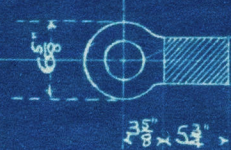
SHIPBUILDERS' ROUGH BORE 17 1/2".
ENGINEERS' FINISHED BORE 17 1/4".

NOTE:- SHIPBUILDERS' ROUGH BORE 17 1/2".
ENGINEERS' FINISHED BORE 17 1/4".

21.6.18

R. WILLIAMSON & SON,
SHIPBUILDERS,
WORKINGTON.

TRACING, N^o 3 208.



FORGED + BORED TO WOOD TEMPLATE.