

**SS. N° 1271.**  
**RUDDERFRAME.**

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

RUDDERFRAME OF FORGED STEEL OR IRON TO PASS BRITISH CORPORATION.

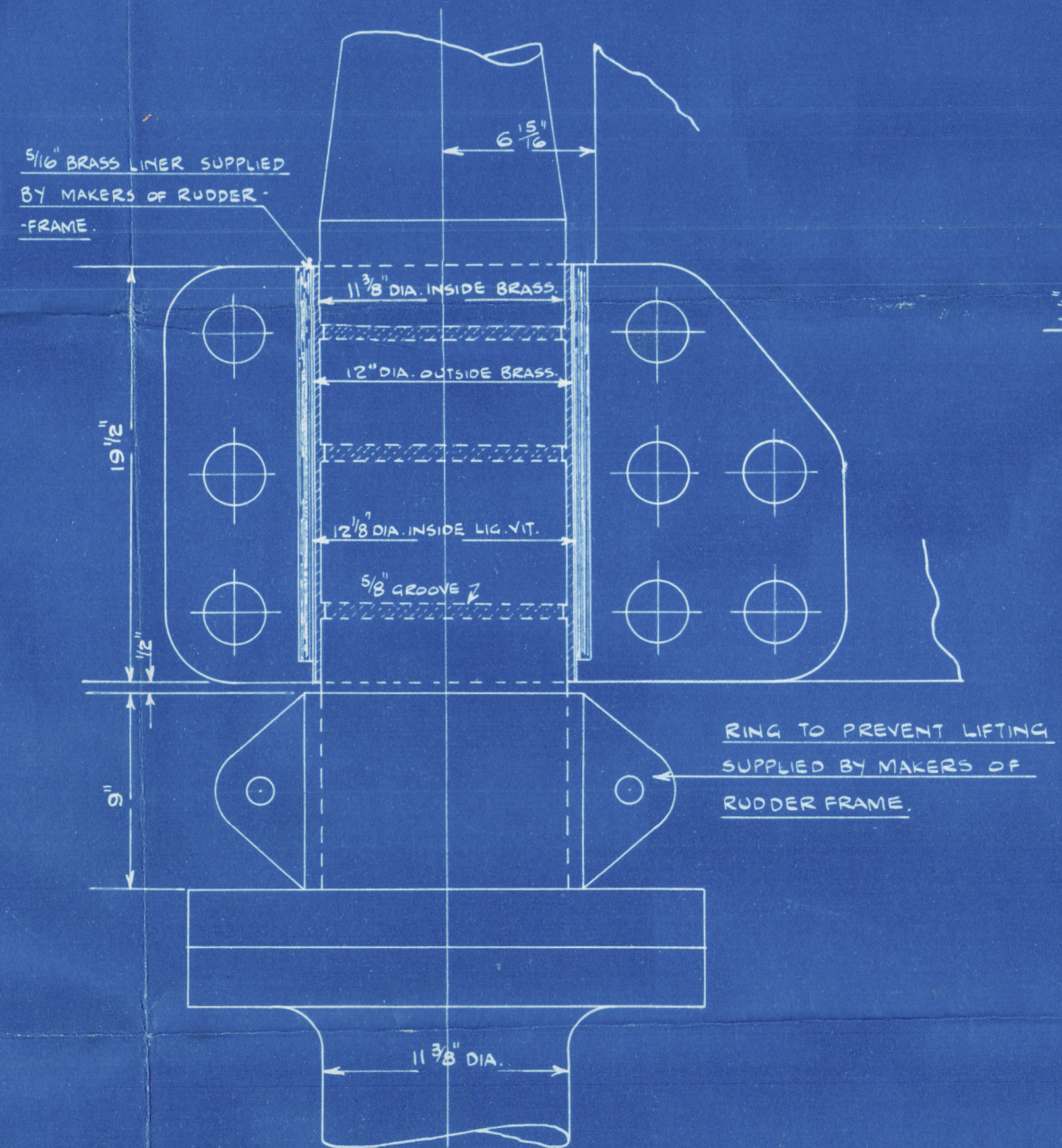
TOTAL IMMERSUED AREA OF RUDDER = 133.92 ft<sup>2</sup>. AREA ABAFT & OF STOCK = 98.46 ft<sup>2</sup>

AREA FOR<sup>2</sup>  $\frac{1}{2}$  OF STOCK = 35.46  $\frac{1}{2}$ . C.G. OF TOTAL AREA ABAFT  $\frac{1}{2}$  OF STOCK = 1.823 FT.

C.G. BELOW COUPLING = 9.371 FT. C.G. OF AREA ABAFT & OF STOCK. 2.841 FT.

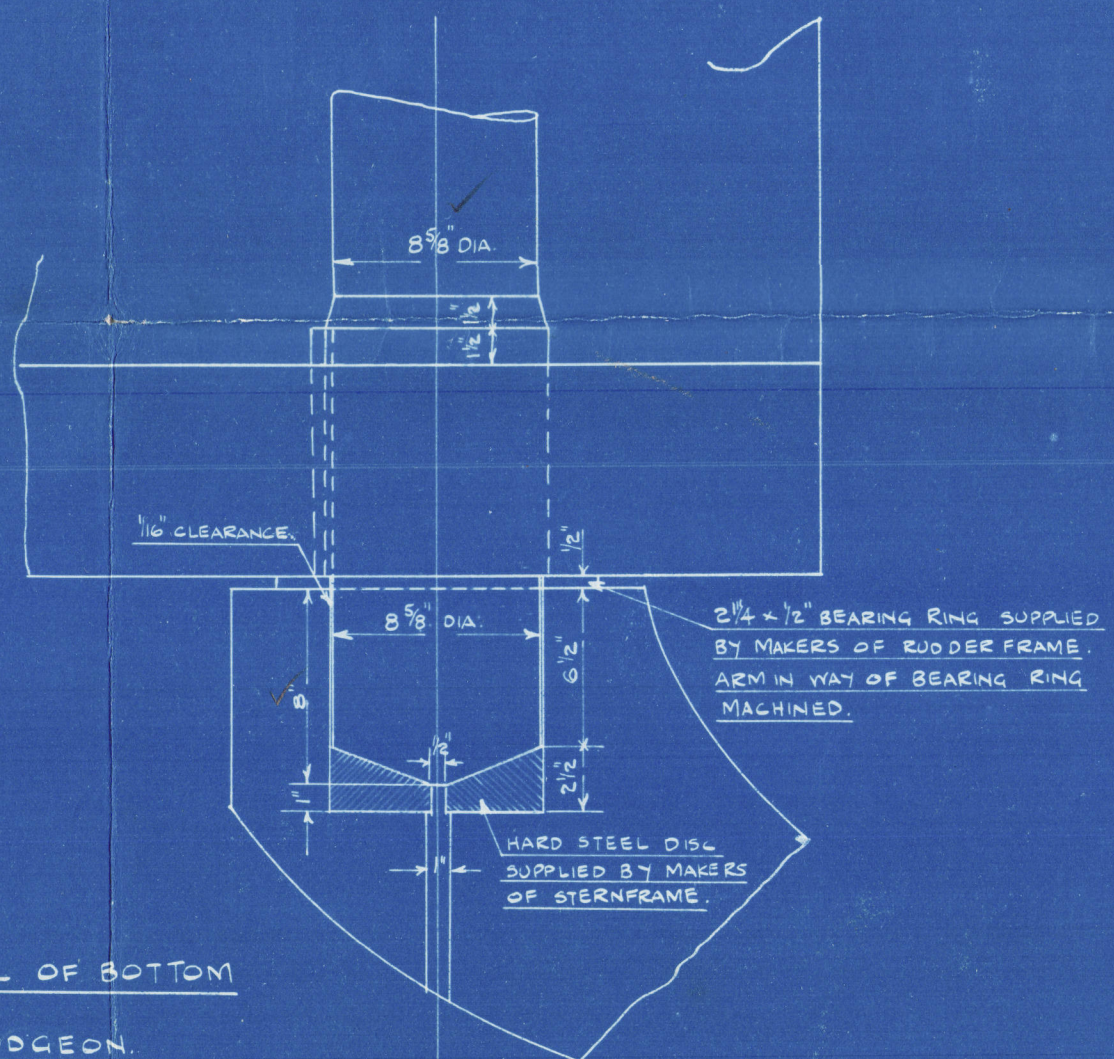
SPEED NOT EXCEEDING 11 1/2 KNOTS.

17 FEB. 1925



### DETAIL OF BEARING GUDGEON.

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



### DETAIL OF BOTTOM

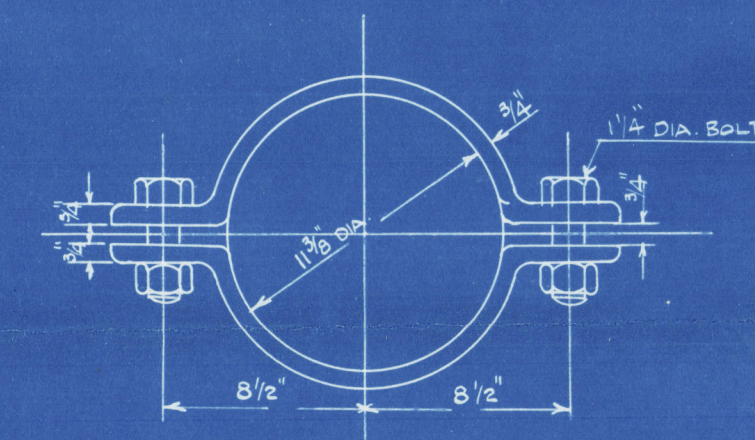
GUDGEON.

### DETAIL OF ARMS.

SCALE  $1\frac{1}{2}" = 1\text{FI}$

NOTES:-

DIMENSIONS IN PLAN ARE TO BE CAREFULLY WORKED TO, & NOT EXCEEDED AS WE ONLY PAY ON WEIGHTS CALCULATED TO THESE DIMENSIONS. ALL MACHINING & DRILLING TO BE DONE BY MAKERS. CENTRE LINE OF MAINPIECE TO BE PERFECTLY SQUARE TO BASE LINE. WEIGHT OF FRAME TO BE PAINTED ON BEFORE DISPATCH. FRAME NOT TO BE PAINTED BUT TO HAVE A COAT OF OIL. 5/16" BRASS LINERS TO BE CAST & GROOVED ON, GROOVES 5/8" WIDE.

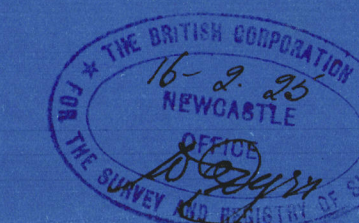


DETAIL OF RING TO PREVENT LIFTING.

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

### DETAIL OF COUPLING.

SCALE 3" = 1 FT.





Swan Hunter

1241

Russelprau

Bag

Penwoyle & Glenledi

Swan Hunter

1271

Russelprau

17. 2. 25



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15.

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