

DETAIL OF COUPLING

STERN & RUDDER FRAME

N^o 271 SCREW/STEAMER

SCALE 1 INCH = 1 FOOT

TESTED TO LLOYDS REQUIREMENTS.

DETAILS 3" SCALE

DETAIL OF GUDGEONS AND PINTLES.

DETAIL OF RIVETING IN WAY OF STOPPER A

ELEVATION

PLAN

DETAIL OF STOPPERS A & C

BOSS

PARTICULARS.	
AREA OF RUDDER =	40.3 sq. ft. = A.
CENTRE OF GRAVITY, AHEAD CENTRE OF PINTLES =	2.17' = D
A x D =	87.415.
SPEED OF VESSEL =	10 KNOTS.

13-1-09

RUDDER HEAD CUT SQUARE AS SHOWN FOR A DEPTH OF 1"

STEEL KEY TO BE A DRIVING FIT ON SIDES ONLY.

ELEVATION

PLAN

1/4 CHEESE HEADED BOLTS WITH FEATHERS IN HEADS. NUTS ON BOTTOM SIDE CHECKED BY PIN THROUGH ENDS OF BOLTS. BOLTS TO BE A NEAT FIT.

STOPPER. SEE DETAIL.

ARM AT POINT 3 3/4 x 1"

ARM AT MAINPIECE 3 1/2 x 3 1/2"

1 1/2 RIVETS 1 3/4 HOLES 5 1/4 APART. COUNTERSUNK.

RUDDER PLATE 1/8" SUPPLIED AND FITTED BY SHIPBUILDERS.

THICKNESS OF ARM ROUND MAINPIECE 2 1/4"

STOPPER. SEE DETAIL.

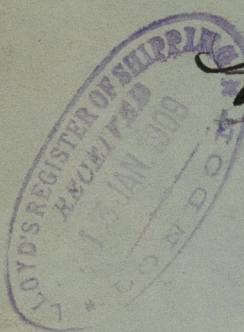
RUDDER TO HEEL OVER TO AN ANGLE OF 45°

STOPPER TO BE MADE FULL SO THAT IT MAY BE MADE TO BEAR PROPERLY.

- STERN POST & RUDDER -

- Messrs J. S. Eltringham & Co. -

- N^o. 2 1/1 -



Wheatfield

J F V

Barrage

S. S. *WHEATFIELD*

Newcastle-on-Tyne

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J. F. V.



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Foundation

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