

## Lloyd's Register of Shipping.

(Report on Vessel No. 43538 Port Glasgow.)No. 2815SHIP FORGINGS ~~OR CASTINGS~~.Dumbarton

I have to report that the undermentioned Iron ~~or~~ Steel Forgings or Castings, manufactured by J. Carmichael & Co. Ltd. of Dumbarton for the Vessel No. 438, being built by A. McMillan & Sons of Dumbarton have been inspected by me as set forth below and found to be, so far as can be seen, sound.

Mark on Forgings or Castings.

Lloyd's

No. 635

J.E.S.

Iron tiller

~~STERN FRAME.~~

RUDDER FRAME.

Dumbarton  
Steel Rudder  
~~STEM.~~

Material\* ...  
How made ...  
Dimensions ...  
Progress on Inspection ...  
Date when Inspected }

Scrap Iron  
Forged  
as per sketch  
Forged & finished  
15/3/23 - 23/3/23

S. M. I. S  
Forged  
as per sketch  
Forged & finished  
23/3/23 - 17/4/23

## CASTINGS.

Tests on Standard Test Pieces.

## Tensile Test—

Tons per square inch

30.1

Extension per cent. ...

32%

## Cold Bending Test—

Angle before fracture

180°

## Drop Test—

Height from ground ...

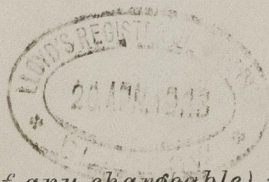
✓

## Hammering Test—

If made according to Rules and found satisfactory ...

✓

SKETCHES OF FRAMES SHOWING POSITION AND DESCRIPTION OF WELDS OF FORGINGS.



Fee (if any chargeable) £ ✓ : : :

To be paid at ✓

\* If of Iron, state whether scrap or puddled Iron. If of Steel, state whether made on the Open Hearth process.