

## Lloyd's Register of Shipping.

(Report on Vessel No. \_\_\_\_\_ Port Middleborough

## No. \_\_\_\_\_ SHIP FORGINGS OR CASTINGS.

I have to report that the undermentioned Iron or Steel Forgings or Castings, manufactured by The Darlington Forge & Co. of Darlington for the Vessel No. 25, being built by Furness S. B. & Co. of Middleborough 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. 3613D

MR

M. Robertson

3 Portions  
STERN FRAME.Built Darlington 20-4-21  
RUDDER FRAME.

STEM Foot

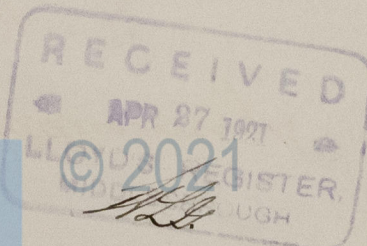
Material*	Steel	S. M. Dryst Steel	Steel
How made	Cast & Annealed	Forged	Cast & Annealed
Dimensions	Backport 9' x 4"	Stock 9' x 2" Mainpiece 9' x 6' x 2" dia	
Progress on Inspection	Testing & Machining	Forged & Finished	Testing & Machining
Date when Inspected	3-9-20, 6-12-20	25-10-19, 19-4-21	10-6-20, 9-9-20
CASTINGS.			
Tests on Standard Test Pieces.	Backport	Mainpiece	
Tensile Test—			
Tons per square inch	Test 423 = 31-6	52 = 30-4	241 = 31-8
Extension per cent. 3"	24-0	32-0	31-0
Cold Bending Test—			
Angle before fracture	120	180	120
Drop Test—			
Height from ground	6' 9" feet		8 feet
Hammering Test—			
If made according to Rules and found satisfactory	Yes	Arm forged Scrap iron	Yes

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

Solepiece  
Test 469 = 33-8-29-0-120Stock  
Test 304 = 32-0  
30-0  
180Bosportian  
Test 471 = 32-6-23-0-120

Fee (if any chargeable) £ ✓ :

To be paid at

Lloyd's Register  
Foundation

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



Thos. Furness. S. Wt<sup>o</sup>

2025

Report on

C.S. Stern frame.

Forged. Rudder

C.S. Main

S.S. Persians

Inst. Rpt. No 11244

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Foundation

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