

15 MAR 1928

Received at _____ Office _____ 10

Lloyd's Register of Shipping.

(Report on Vessel No. _____ Port Sunderland)

No. _____ SHIP FORGINGS ~~OR CASTINGS~~.

THE WORDS FORGINGS OR CASTINGS, IRON OR STEEL, SHOULD BE STRUCK OUT AS MAY BE REQUIRED.

I have to report that the undermentioned Iron ~~or~~ Steel Forgings ~~or~~ ~~Castings~~, manufactured by The Darlington Forge Ltd of Darlington for the Vessel No. 263, being built by Partnam Sons of Sunderland have been inspected by me as set forth below and found to be, so far as can be seen, Sound.

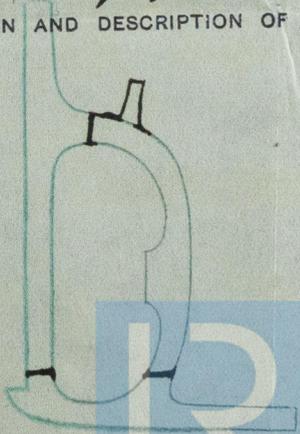
Mark on Forgings or ~~Castings~~.

Lloyd's
No 5652D
MR

M. Robertson
Built Darlington 6.3.28

	STERN FRAME.	RUDDER FRAME.	STEM.
Material*	<u>Siemens Martin Ingot Steel</u>	<u>Forged and Annealed</u>	<u>Rolled Steel Bars</u>
How made	<u>Forged and Annealed</u>		
If annealed	<u>Yes</u>		
Dimensions	<u>10' x 7 1/2' x 9' x 7 1/2'</u>	<u>10" dia to 7 1/2"</u>	<u>9' x 2 1/2"</u>
Progress on Inspection	<u>Forged & Finished</u>	<u>Forged & Finished</u>	<u>Scraped & Chilled</u>
Date when Inspected	<u>17.10.27 26.11.27</u>	<u>26.1.28 5.3.28</u>	<u>15.12.27 21.12.27</u>
CASTINGS. Tests on Standard Test Pieces.	<u>Sole piece</u>	<u>Stock</u>	<u>Rudder main piece</u>
Tensile Test— Tons per square inch	<u>358 = 25.4</u>	<u>880 = 31.8</u>	<u>896 = 28.4</u>
Extension per cent. 3"	<u>34.0</u>	<u>30.0</u>	<u>35.0</u>
Cold Bending Test— Angle before fracture	<u>180</u>	<u>180</u>	<u>180</u>
Drop Test— Height from ground ...	<u>Reception 360 = 25.6</u>		<u>Stem bar 740 = 28.6</u>
Hammering Test— If made according to Rules and found satisfactory ...	<u>33.0</u> <u>180</u>	<u>Arms forged iron</u>	<u>34.0</u> <u>180</u>

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



Weld welded

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.

NO. 29779 RPT. NO. 29779

BARTRAM & SONS LTD

LLANFAIR

Handwritten notes and diagrams on the left page, including a vertical list of items: Rudder, Stem, and Stern.

Handwritten notes and diagrams on the left page, including a vertical list of items: Rudder, Stem, and Stern.

SUNDERLAND.

BARTRAM & SONS, LD.

S. S. No. 263.

S. S. LLANFAIR

SUNDERLAND RPT. NO. 29779

STERN, RUDDER & STEM.

Bartram & Sons
Stem
Stern
Rudder



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Lloyd's Register
Foundation

Vertical text on the right edge of the page, including 'LLOYD'S REGISTER' and 'FOUNDATION'.