

15 MAR 1928

Received at

Office

19

Lloyd's Register of Shipping.

(Report on Vessel No. _____)

Port

Sunderland

No. _____

SHIP FORGINGS OR CASTINGS.

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 Bartram 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*	Simen's Martin Ingot Steel		Rolled Steel Bars
How made	Forged and Annealed		
If annealed	Yes		
Dimensions	10' x 7 1/2' x 9' x 7 1/2'	10" dia to 7 1/2"	9' x 2 1/2"
Progress on Inspection	Forged & Finished	Forged & Finished	Scraped & Chilled
Date when Inspected	17.10.27. 26.11.27.	26.1.28. 5. 3.28	15.12.27. 21.12.27
CASTINGS.			
Tests on Standard Test Pieces.	Single piece	Stock	Rudder Main piece
Tensile Test—			
Tons per square inch	21358 = 25.4	880 = 31.8	896 = 28.4
Extension per cent. 3"	34.0	20.0	35.0
Cold Bending Test—			
Angle before fracture	180	180	180
Drop Test—			
Height from ground	Reception 360 = 25.6		Stembar 740 = 28.6
Hammering Test—	33.0		34.0
If made according to Rules and found satisfactory	180	Annealed iron	180
SKETCHES OF FRAMES SHOWING POSITION AND DESCRIPTION OF WELDS OF FORGINGS.			

Gut 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.

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Lloyd's Register
Foundation

SUNDERLAND.

BARTRAM & SONS, LD.

S. S. No. 263.

S. S. LLANFAIR

SUNDERLAND RPT. NO. 29779

STERN, RUDDER & STEM.

Bartram & Sons
Stern
Rudder



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