

Lloyd's Register of Shipping.

(Report on Vessel No. _____)

Port Newcastle on Tyne

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. 384, being built by Northland S.P. & Co. Ltd. of Newcastle 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.

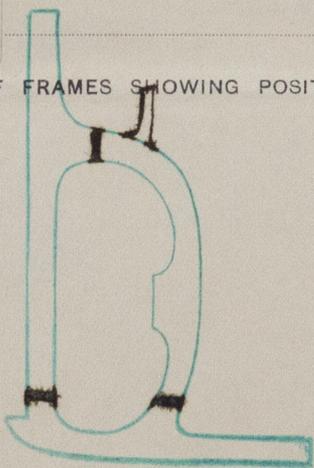
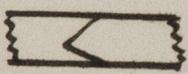
Lloyd's
No. 238D
MR

M. Robertson

Built Darlington 30-4-23

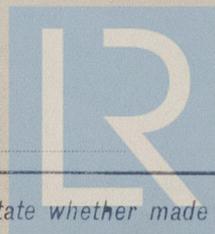
	STERN FRAME. <u>S.M.</u>	RUDDER FRAME.	STEM.
Material*	<u>Scrap Iron</u>	<u>Forge Steel</u>	
How made	<u>4 forged</u>		
Dimensions	<u>10 5/8" x 7 5/8" x 9" x 7 5/8"</u>	<u>8 1/4" dia to 6 5/8"</u>	
Progress on Inspection	<u>Forged & Smithed</u>	<u>Forged & finished</u>	
Date when Inspected	<u>19-3-23 - 13-4-23</u>	<u>14-3-23 - 30-4-23</u>	
CASTINGS.			
Tests on Standard Test Pieces.		<u>Stack</u>	<u>Mainpiece</u>
Tensile Test—			
Tons per square inch		<u>2/84 = 32.0</u>	<u>8/6 = 31.6</u>
Tension per cent. <u>3"</u>		<u>28.0</u>	<u>29.0</u>
Cold Bending Test—			
Angle before fracture		<u>180</u>	<u>180</u>
Drop Test—			
Height from ground ...			
Hammering Test—			
If made according to Rules and found satisfactory ...		<u>Armo forged Scrap iron</u>	

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



Fee (if any chargeable) £ : :

To be paid at _____



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Lloyd's Register

Foundation

W259-0044

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