

19 APR 1929

Rpt. 6.

For the information of Surveyors and the Committee only.

Received at

Office

11 JUN 1929

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. 266, being built by Barham & 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 5994D

MR

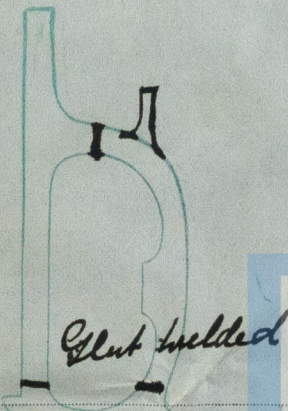
M. Robertson

Built Darlington 10-4-29

	STERN FRAME.	RUDDER FRAME.	STEM.
Material*	<u>Siemens</u>	<u>Martin Open</u>	<u>Steel</u>
How made	<u>Forged</u>	<u>and Annealed</u>	
If annealed	<u>yes</u>		
Dimensions	<u>10 1/2 x 7 1/2 x 9 1/2 x 7 1/2</u>	<u>10" dia to 7 1/2"</u>	<u>9 1/2 x 2 1/2"</u>
Progress on Inspection	<u>Forging & Smithing</u>	<u>Forged & Finished</u>	
Date when Inspected	<u>23.10.28. 24.11.28</u>	<u>14.12.28. 10.4.29</u>	<u>12.12.28</u>
CASTINGS.			
Tests on Standard Test Pieces.	<u>Solipine</u>	<u>Stock</u>	
Tensile Test—			
Tons per square inch	<u>310. 26.0</u>	<u>716. 30.8</u>	
Extension per cent.	<u>37.0</u>	<u>32.0</u>	
Cold Bending Test—			
Angle before fracture	<u>180</u>	<u>180</u>	
Drop Test—			
Height from ground ...	<u>Backport</u>	<u>Marpiewit 42.29.8</u>	
Hammering Test—			
If made according to B and found satisfactory ...	<u>376. 25.8</u>	<u>34.0</u>	<u>180</u>

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

Backport 376. 25.8
33.0
180



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.

3m,10,27. T.

W57-0152

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Lloyd's Register

Foundation

Bartrams No: 266

Stem, Stemframe
& Rudder.

ms. "Llanishen"

SUNDERLAND RPT. No 80047



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