

Received at Greenock Office. 2-5-1919

Lloyd's Register of Shipping.

(Report on Vessel No. _____ Port Greenock)

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 Darlington Forge Coy Ltd. of Darlington for the Vessel No 395, being built by Greenock & Chalmers & Co. 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 2634D
MR

M. Robertson

Quilt - Darlington 29-4-19

Killer

	STERN FRAME.	RUDDER FRAME.	STEM.
Material*	<u>Steel</u>	<u>S.M. Dragnet Steel</u>	
How made	<u>Cast & Annealed</u>	<u>Forged</u>	
Dimensions		<u>10" dia to 4 1/2"</u>	
Progress on Inspection	<u>Yield, Machining, Forged & Finished</u>		
Date when Inspected	<u>9-12-18-29-4-19</u>	<u>23-1-19-29-4-19</u>	
CASTINGS.		<u>Bottom</u>	<u>Yop</u>
Tests on Standard Test Pieces.			
Tensile Test— Tons per square inch	<u>Int 33.0</u>	<u>Int 29.0 = 32.0</u>	<u>Int 50.4 = 32.0</u>
Extension per cent. <u>3"</u>	<u>35.0</u>	<u>28.6</u>	<u>28.0</u>
Cold Bending Test— Angle before fracture	<u>120</u>	<u>180</u>	<u>180</u>
Drop Test— Height from ground	<u>9ft</u>	<u>Arms forged Scrap iron</u>	
Hammering Test— If made according to Rules and found satisfactory ...	<u>Yes</u>		

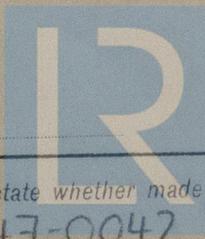
SKETCHES OF FRAMES SHOWING POSITION AND DESCRIPTION OF WELDS OF FORGINGS.

Note. - The upper part of rudder stock owing to being too short will be used for No 399 vessel & a new upper part of stock has been fitted in 395. See forging reports No 3603
JRM

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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