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For the information of Surveyors and the Committee only.

Received at

Office

19

# Lloyd's Register of Shipping.

(Report on Vessel No. \_\_\_\_\_)

Port

*Rottterdam*

No.

## SHIP FORGINGS OR CASTINGS.

I have to report that the undermentioned ~~Iron or~~ Steel Forgings ~~or~~ Castings, manufactured by *The Darlington Forge St<sup>d</sup>*, of *Darlington* for the Vessel No. *102*, being built by *The Rotterdam Drydock & St<sup>d</sup>* of \_\_\_\_\_ have been inspected by me as set forth below and found to be, so far as can be seen, *Sound*.

Work on Forgings or Castings.

Lloyd's No. <i>850D</i> MR	<i>M. Robertson</i>		
	<i>Cell</i>	<i>1 Propeller Bracket</i>	<i>Darlington 24.3.25</i>
	STERN FRAME.	RUDDER FRAME.	<i>1 1/2" STEM.</i>
Material* ...	<i>Siemens martin forged steel</i>		
How made ...	<i>Forged</i>		
Dimensions ...	<i>4 1/4 x 2 1/2"</i>		
Process on Inspection ...	<i>Forged, Smooth finished</i>	<i>Forged and finished</i>	
Date when Inspected ...	<i>20-2-25. 24-3-25</i>	<i>20-2-25. 24-3-25</i>	
CASTINGS.	<i>Rudder post</i>		
Tests on Standard Test Pieces.			
Tensile Test— Tons per square inch	<i>Test 420 = 26-0</i>	<i>Test 456 = 30-4</i>	<i>Test 58 = 31-6</i>
Extension per cent. <i>8"</i>	<i>33-0</i>	<i>31-0</i>	<i>32-0</i>
Flattening Test— Angle before fracture	<i>180</i>	<i>180</i>	<i>180</i>
Drop Test— Height from ground ...	<i>Sole piece</i>		
Numbering Test— If made according to Rules and found satisfactory ...	<i>Test 662 = 25-8</i>		
	<i>34-0</i>		
	<i>180</i>		

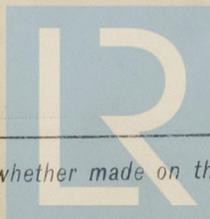
SKETCHES OF FRAMES SHOWING POSITION AND DESCRIPTION OF WELDS OF FORGINGS.

*Clut welded*

Fee (if any chargeable) £ *5* : *5* : *0*

To be paid at *Darlington*

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

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