

Received at Belfast Office, 26 May 1894

Lloyd's Register of British and Foreign Shipping.

(Report on Vessel No. 14446 Port Belfast)

No. 181

SHIP ~~FORGINGS~~ OR CASTINGS.

I have to report that the undermentioned ~~Iron or~~ Steel Forgings or Castings, manufactured by The Barrow Hematite Steel Co. Ltd of Barrow for the Vessel No. 288, being built by Harland & Wolff of Belfast have been inspected by me as set forth below, and found to be, so far as can be seen, satisfactory

The words FORGINGS or CASTINGS, IRON or STEEL, should be struck out as may be required.

Mark on Castings.

Lloyd's

No. 181

4.94

Fore foot.

	STEERN FRAME.	RUDDER FRAME.	STEM.
Material*	<u>Siemens-Martin steel</u>		
How made	<u>Cast & annealed</u>		
Dimensions			
Progress on Inspection .	<u>Cast. dressing finished</u>		
Dates when Inspected	<u>13.4.94, 20.4.94, 27.4.94</u>		

SKETCHES OF FRAMES SHEWING POSITION AND DESCRIPTION OF WELDS OF FORGINGS, OR PARTICULARS OF TESTS APPLIED TO CASTINGS.

Purpose	Diameter	Area	Ultimate stress in tons		Extension	Contraction	Cold
<u>Fore foot</u>	<u>inches</u>	<u>inches</u>	<u>Total</u>	<u>Sq inches</u>	<u>in inches</u>	<u>of Area</u>	<u>Bend.</u>
	<u>1.14</u>	<u>1.02</u>	<u>30.5</u>	<u>29.9</u>	<u>28%</u>	<u>58.5%</u>	<u>180°</u>

Fore foot raised to a height of 10ft then dropped, slung, and hammered.

J. R. Gorton.
25/5/94

288

Casting.

Fore-foot

Mastermold

Bel Rpt No 4446

SHIP FORGINGS OR CASTINGS.

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