

Received at

Belfast

Office,

26 May 1894

# Lloyd's Register of British and Foreign Shipping.

(Report on Vessel No. 4446 Port Belfast)

No. 180

## 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 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.

Mark on

Castings

Lloyd's

No. 180

5.94

	STERN FRAME.	RUDDER FRAME.	STEM.
Material* - - - -	<u>Siemens-Martin steel.</u>		
How made - - - -	<u>Cast &amp; annealed.</u>		
Dimensions - - - -			
Progress on Inspection -	<u>Cast. dressing finished.</u>		
Dates when Inspected {	<u>20.4.94. 21.4.94. 7.5.94.</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	Gold
<u>Stern</u>	<u>inches</u>	<u>inches</u>	<u>Total</u>	<u>Sq. inch</u>	<u>in 8 inch</u>	<u>of Area</u>	<u>Bands</u>
<u>Frame</u>	<u>1.14</u>	<u>1.02</u>	<u>34.5</u>	<u>33.8</u>	<u>21%</u>	<u>34.9%</u>	<u>180°</u>

Stern frame raised to angle of 45°, then dropped, blued & hammered.

J. R. Norton.

25/5/94



*basting*  
*Stern Frame*

*"Mlstermore"*

*Rel Rpt No 4446*

SHIP FORGINGS OR CASTINGS

(Signed on Name No)

Vol

Ship's Register of British and Foreign Shipping



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 Foundation

*26.5.92*  
*for*