

Received at Belfast Office, 12 January 1892

Lloyd's Register of British and Foreign Shipping.

(Report on Vessel No. 89 Port Belfast.)

No. 120 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 in Furness for the Vessel No. 89, being built by Messrs Workman & Clark & Co. of Belfast have been inspected by me as set forth below, and found to be, so far as can be seen, Satisfactory

Castings  
Mark on Forgings.

Lloyd's  
No. 120  
1891-92

Jas Basthope  
Barrow in Furness

	STERN FRAME.	RUDDER FRAME.	STEM.
Material*		<u>Siemens Martin Steel</u>	
How made		<u>Cast and annealed</u>	
Dimensions			
Progress on Inspection		<u>Cast-dressing &amp; finished</u>	
Dates when Inspected		<u>14<sup>th</sup> 18<sup>th</sup> Dec 1891</u> <u>11<sup>th</sup> Jan 1892</u>	

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

Purpose	Dia		Area		Ultimate Stress		Elong in 8 ins	Contr. of Area	Cold Bend
	in	ins	in	ins	Total tons	Sq. tons			
Rudder	1.14		1.02		32.84	32.2	13%	20%	good

Rudder raised to a height of seven feet and dropped, then slung, hammered, and found Satisfactory.



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\* If of Iron, state whether scrap or puddled iron.

SHIP ~~CASTINGS~~ OF CASTINGS

I have to report that the undermentioned iron or steel castings were manufactured by

the following firm, and that they have been inspected by me as set forth below, and found

to be of the quality specified, and to be fit for the service intended.

*Castings*

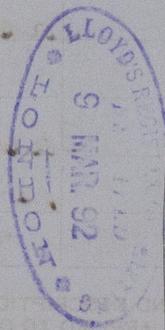
Boatings on Rudder

Stems

12-1-92

First Entry Report

Bel. No 14058



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