

Received at Belfast Office, 4/14 1893

Lloyd's Register of British and Foreign Shipping.

(Report on Vessel No. _____ Port _____)

No. 150

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 Haematite Steel Co. Ltd of Barrow for the Vessel No. 102, being built by Messrs Workman Clark & Co. Ltd 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. 150

S. N.

S. A. S. Nash

30/3/93

	STERN FRAME.	RUDDER FRAME.	STEM.
Material* . . .	<u>Siemens-Martin</u>	<u>Siemens-Martin</u>	
How made . . .	<u>Cast & annealed</u>	<u>Cast & annealed</u>	
Dimensions . . .			
Progress on Inspection	<u>Cast, drawing & finished</u>		
Dates when Inspected	<u>25th Nov 30th Nov 12th Dec 21st Feb.</u>		

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

Purpose	Diameter	Area	Ultimate Stress & Tensile		Elongation	Contraction	Cold
	inches	inches	Total	Per sq inch	in 8 inches	Area	Bend
Stern Frame	1.14	1.02	33.56	32.9	23%	49.5%	180°
Rudder Frame	1.14	1.02	33.20	32.5	23%	40.2%	180°

The Stern Frame let fall from an angle of 45° and the Rudder frame from a height of about 12 feet. Upon being slung and hammered they were found quite satisfactory

Shipping Company of London and Foreign

(Printed in Great Britain)

SHIP LEASING OR CHARTERING

I hereby certify that the vessel named above is a ship of the
Company of London and Foreign Shipping Company Limited
and is licensed to carry passengers and cargo and is
licensed to carry passengers and cargo and is licensed to carry passengers and cargo

an Act of Parliament in that behalf made, bearing date the 14th day of August 1889, and in that behalf made, bearing date the 14th day of August 1889

102

Caution

Underwritten by

Underwritten by

Underwritten by

Underwritten by



© 2019

Lloyd's Register
Foundation

Lloyd's Register of Shipping, 100, Cannon Street, London, E.C.4, England