

Received at Belfast Office, 8 June 1894

Lloyd's Register of British and Foreign Shipping.

(Report on Vessel No. _____ Port _____)

No. 188

SHIP FORGINGS OR CASTINGS.

I have to report that the undermentioned ~~Iron or Steel Forgings or~~ Castings, manufactured by The Barron Hematite Steel Co. Ltd. of Barron. for the Vessel No. 111, being built by Worham 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.

Mark on Castings.

Lloyd's

No. 188

6.94

Fore foot.

	SECTION OF FRAME.	RUDDER FRAME.	STEM.
Material* - - -	<u>Stainless-Martin steel.</u>		
How made - - -	<u>Cast & annealed</u>		
Dimensions - - -			
Progress on Inspection	<u>Cast, dressing finished</u>		
Dates when Inspected	<u>{ 12.5.94, 17.5.94, 30.5.94 }</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	bold
<u>Fore Foot</u>	<u>inches</u>	<u>inches</u>	<u>Total</u>	<u>Sq inch</u>	<u>in 8 inch</u>	<u>of Area</u>	<u>Bend</u>
	<u>1.14</u>	<u>1.02</u>	<u>31.4</u>	<u>30.8</u>	<u>22%</u>	<u>56.6%</u>	<u>165°</u>

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

F. R. Epton

16/6/94

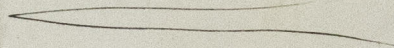
111

casting

Fore-foot

Mount Sirion

Rel Rpt no 4477



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Foundation