

## Lloyd's Register of British and Foreign Shipping.

(Report on Vessel No. 4328 Port Belfast)No. 159SHIP ~~FORGINGS OR~~ CASTINGS.I have to report that the undermentioned ~~Iron or Steel Forgings or~~ Castings, manufactured byThe Barrow Hematite Steel Co Ltd of Barrowfor the Vessel No. 104, being built by Messrs Workman Clarkof Belfast

have been inspected by me as set forth below, and found

to be, so far as can be seen, Satisfactory

Mark on Forgings.

Lloyd's  
No. 159Wm. Johnstone Gasbathope  
Barrow in Furness

	STERN FRAME.	RUDDER FRAME.	<del>STEEL</del>
Material* - - - -	<u>Sumner Martin Steel</u>	<u>Sumner Martin Steel</u>	
How made - - - -	<u>Cast &amp; annealed</u>	<u>Cast &amp; annealed</u>	
Dimensions - - - -			
Progress on Inspection -	<u>Cast dressing &amp; finished</u>	<u>Cast dressing &amp; finished</u>	
Dates when Inspected {	<u>1<sup>st</sup> &amp; 14<sup>th</sup> July</u>	<u>1<sup>st</sup> &amp; 14<sup>th</sup> July</u>	

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

Purpose	dia	area	Ultimate Stress	contn of 8 inch Cold
Stem	in	sq in	Total	per sq in
<u>Frame</u>	<u>1.14</u>	<u>1.02</u>	<u>32.84</u>	<u>32.2</u>
<u>Rudder</u>	<u>1.14</u>	<u>1.02</u>	<u>33.56</u>	<u>32.9</u>

Stem Frame raised to an angle of 45° and  
Rudder raised 8 feet and dropped then  
being hammered & found satisfactory



1874

*Basting*

*stern & Rudder etc.*

*Advantage*

*Bel. Rpt No. 4328*



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