

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

(Report on Vessel No. 429 Port Barrow.)No. 104 SHIP ~~FORGINGS OR~~ CASTINGS.

I have to report that the undermentioned ~~Iron or Steel Forgings or~~ Castings, manufactured by  
The Barrow Dematite Steel Co. Ltd of Barrow in Furness  
 for the Vessel No. 201, being built by the Naval Construction & Armaments Co.  
 of Barrow have been inspected by me as set forth below, and found  
 to be, so far as can be seen, Satisfactory

Casting  
 Mark on ~~Forgings~~

Lloyd's

No. 10423.9/91

Jas Bartholpe  
Barrow

Brackets

	STERN FRAME.	RUDDER FRAME.	STEM.
Material* . . . .	<u>Swedish Martin Steel</u>		
How made . . . .	<u>Cast &amp; annealed</u>		
Dimensions . . . .			
Progress on Inspection	<u>Cast drawing finished</u>		
Dates when Inspected	<u>Sept 11<sup>th</sup> 1<sup>st</sup> 25<sup>th</sup></u> <u>29<sup>th</sup> 1891</u>		

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

Purpose	Weld in ins	Area in ins	Ultimate Stress Total Lbs	Stress S q in Lbs	Exc in 8 ins	Contn 8 area	Gold Bend
<u>Stem Bracket</u>	<u>1.15</u>	<u>1.04</u>	<u>33.56</u>	<u>32.2</u>	<u>26%</u>	<u>49.3%</u>	<u>good</u>
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Stem Brackets raised to a height of two feet and dropped, then slung, hammered and found satisfactory.