

Lloyd's Register of British and Foreign Shipping.

(Report on Vessel No. 241 Port Belfast)

The words FORGINGS or CASTINGS, IRON or STEEL, should be struck out as may be required.

No. 61 ~~SHIP FORGINGS OR CASTINGS.~~

I have to report that the undermentioned ~~Iron or Steel Forgings or Castings~~, manufactured by Bessemer Acme Steel Co. L^{td} of Birmingham in England for the Vessel No. 241, being built by Axland & Wolff of Belfast have been inspected by me as set forth below, and found to be, so far as can be seen, Sound & Satisfactory.

Mark on Forgings.

Lloyd's
No. 61
J.D. 10-90

J. Dykes.
Birmingham.

Quadrant. Tiller.

	STERN FRAME.	RUDDER FRAME.	STEM.
Material*	<u>Siemens Martin Process</u>	<u>Siemens Martin</u>	
How made	<u>Cast & Annealed</u>	<u>Cast & Annealed</u>	
Dimensions	<u>✓</u>	<u>✓</u>	
Progress on Inspection	<u>Cast drawing & finished</u>	<u>Cast & finished</u>	
Dates when Inspected	<u>Oct. 14. 20. 24. 31.</u>	<u>Oct. 14. 20. 24. 31.</u>	

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

PURPOSE.	DIAM INS	AREA INS	ULTIMATE STRESSES Total TONS	Ex in 8 INS $\frac{1}{2}$	CONTRACTION OF AREA	COLD BENDS
<u>QUADRANT</u>	<u>1.14</u>	<u>1.02</u>	<u>33.92</u>	<u>33.2</u>	<u>22.0</u>	<u>37.7%</u> 180° Good
<u>TILLER</u>	<u>1.14</u>	<u>1.02</u>	<u>34.82</u>	<u>34.1</u>	<u>20.0</u>	<u>40.4%</u> 180° Good

Raised to a height of 11 ft & dropped on hard ground, then plied & hammered every all over and found satisfactory.



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Foundation

²⁴¹
Ship Castings
on Quadrant &

Giller

5 Nov 1890

Shropshire

Rec. Report

no 3984



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