

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

(Report on Vessel No. 247 Port LIVERPOOL.)No. 539SHIP ~~FORGINGS OR~~ CASTINGS.I have to report that the undermentioned ~~Iron or Steel Forgings or~~ Castings, manufactured bySir J. Whitworth & Co. Ltd. of Manchester.for the Vessel No. 247, being built by Messrs Harland & Wolff.of Belfast have been inspected by me as set forth below, and foundto be, so far as can be seen, Sound.Travelling Expenses 9/2 } To be collected  
at Liverpool

Mark on Forgings.

Lloyd's

No. 586

J.D. 10.91

John Dykes & L. Lowell.  
LiverpoolSillerQuadrant

	<del>STERN FRAME.</del>	<del>RUDDER FRAME.</del>	STEM.
Material*	<u>cast Steel.</u>	<u>cast Steel.</u>	
How made	<u>cast &amp; annealed</u>	<u>cast &amp; annealed</u>	
Dimensions	<u>✓</u>	<u>✓</u>	
Progress on Inspection	<u>cast &amp; dressed</u>	<u>cast &amp; dressed</u>	
Dates when Inspected	<u>5<sup>th</sup> &amp; 28<sup>th</sup> Oct. /91.</u>		

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

	Dia.	Area	Total Lbs	Per sq inch	Eve in. 5'	Gold Bond.
<u>Siller.</u>	<u>1"</u>	<u>.7854</u>	<u>12.0</u>	<u>78.5</u>	<u>9.2%</u>	<u>Good</u>
<u>Quadrant</u>	<u>1"</u>	<u>.7854</u>	<u>13.0</u>	<u>54.75</u>	<u>10.6%</u>	<u>Good.</u>

The above Castings raised to a height of 12 ft. and dropped on hard ground, then swung & hammered and found Satisfactory.

\* If of Iron, state whether scrap or puddled Iron.



247

Castings on  
Tiller Quadrant

Nov 14 1891

Bel 1st Entry 491  
No 4055.



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Foundation