

Received at *Belfast* office. *Jan. 5. 1899*

Lloyd's Register of British and Foreign Shipping.

(Report on Vessel No. \_\_\_\_\_ Port \_\_\_\_\_)

No. *76*. SHIP FORGINGS OR CASTINGS.

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

I have to report that the undermentioned ~~Iron or Steel Forgings or Castings~~,  
 manufactured by *Krupp'sches Stahlwerk zu Annen*,  
 of *Annen* for the Vessel No. *156*, being built  
 by *Messrs. Workman & Clark & Co. of Belfast*.  
 have been inspected by me as set forth below, and found to be, so far as can be seen,  
*Sound and free from defects.*  
*1 Rudder frame and shaft.*

Mark on Forgings.

~~Lloyd's~~  
 No. *R*  
*J.M. 85*

*Düsseldorf 2<sup>d</sup> January 1899*

*James Meijer*

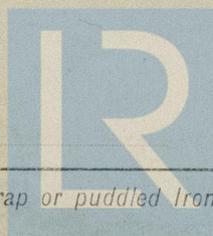
	STERN FRAME.	RUDDER FRAME.	STEM.
Material*	/	<i>Siemens Martin</i>	/
How made		<i>Cast</i>	
Dimensions		<i>Head 11" diam.</i>	
Progress on Inspection		<i>unlaboured &amp; almost finished.</i>	
Date when Inspected		<i>30 November 1<sup>st</sup> &amp; 29<sup>th</sup> December</i>	

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

*Results of tensile tests.*  
*Shaft 28.5 Tons tensile strength, 27.5% elongation in 200 mm.*  
*Rudderframe 30.9 Tons tens. strength, 22.5% elongation in 200 mm.*  
*Bending tests through 180° without signs of fracture.*  
*Droplets after the castings were raised to 45° and subsequent hammering did not affect the castings.*

Fee (if any chargeable) £

To be paid at



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Lloyd's Register  
 Foundation

Wohrman & Lank's

N<sup>o</sup> 132

Rudder Frame Ship  
Castings

5/1/99

Germany



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*Handwritten mark or signature.*