

Lloyd's Register of British and Foreign Shipping.

(Report on Vessel No. _____ Port _____)

No. 86. SHIP ~~FORGINGS OR~~ CASTINGS.

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. *82*, being built by *Northumberland Shipb. Co. Lim.* of *Howdon of Tyne* have been inspected by me as set forth below, and found to be, so far as can be seen, *Sound and free from surface marks.*

1 Sternframe cast in 2 parts

Mark on Forgings.

Lloyd's
No. *R*
J.M. 95.

Düsseldorf 4/6 99.

Hannes Meijer

	STERN FRAME.	RUDDER FRAME.	STEM.
Material*	<i>Siemens Martin</i>	/	
How made	<i>Cast.</i>		
Dimensions	<i>11" x 6 3/4"</i>		
Progress on Inspection	<i>unlaboured & finished.</i>		
Date when Inspected	<i>27th April 18th & 31st May.</i>		

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

Results of Tensile tests:

Upper part. 32.5 Tons p. 14. inch, 22.5 % elongation in 200 mm.

Bottom part. 28.2 Tons p. 14. inch, 26 % elongation in 200 mm.

Bending tests. 130° without cracking.

Droptests. The parts were allowed to fall on a hard ground after having been raised to an angle of 45°, then slung up and hammered, the sound was clear and no fault could be found.

Fee (if any chargeable) £

To be paid at

J. J. Rosalie

Newcastle Report

N^o 39518



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Foundation