

S. S. Berthelley

Received at **WEST HARTLEPOOL** office.

2. 9. 18 95.

Lloyd's Register of British and Foreign Shipping.

(Report on Machinery, No. 9854 Port **WEST HARTLEPOOL**.)

No. 209 ENGINE 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 ~~Iron or Steel Forgings or Castings~~, as herein described, manufactured by *Guststahlfabrik Fried. Krupp of Essen* for the Engines No. *509* being constructed by *Centr. Mar. Engine Works of West. Hartlepool.* for the Ship No. *509*, being built by *Messrs W Gray & Co.* of *West Hartlepool* 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 or defects.*

*8 Collared parts & 4 pins for 2 built crankshafts.
Nothing & spare crank shafts.*

Mark on Forgings.

Lloyd's
No. *359*
J.M. 8. 95

Düsseldorf 30 August 1895

Johannes Steijer

	CRANK SHAFT.	STRAIGHT SHAFTING.		
		THRUST SHAFT.	INTERMEDIATE SHAFTS.	PROPELLER SHAFT.
Material*	<i>Siemens Martin</i>			
How made	<i>Forged.</i>			
Dimensions	<i>10 3/4" diam.</i>			
Progress on Inspection	<i>rough turned.</i>			
Dates when Inspected	<i>28 & 29 August.</i>			

PARTICULARS OF TESTS APPLIED TO CASTINGS:

A sample cut lengthways from the material proved to have a tensile strength of 29.1 Tons per sq. inch, with an elongation of 24.5% in 200 mm

Fee (if any chargeable) £ : :

To be paid at

* If of iron, state whether scrap or puddled iron. If of steel, state whether made on the Bessemer or the Siemens-Martin process.

