

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

(Report on Machinery, No. 9291)Port WEST HARTLEPOOLNo. 90ENGINE 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 the Gusstahlfabrik Fried. Krupp of Essen & Ruhr. for the Engines No. 1100 being constructed by the Central Mar. Eng. Works. of West. Hartlepool. for the Ship No. Pacific being built by H Gray & Co (Linn) of H 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.

6 Collared parts and 3 pins for a built shaft.  
Figure No. 163

Mark on Forgings.

Lloyd's

No. 125

J.M. 8. 93.

Düsseldorf 2 September 93.

Johannes Meijer

	CRANK SHAFT.	STRAIGHT SHAFTING.		
		THRUST SHAFT.	INTERMEDIATE SHAFTS.	PROPELLER SHAFT.
Material*	<u>Siemens Martin</u>	/	/	/
How made	<u>Forged.</u>			
Dimensions	<u>1 1/2" Diam.</u>			
Progress on Inspection	<u>Rough turned.</u>			
Dates when Inspected	<u>31. Aug. 1 Sept.</u>			

## PARTICULARS OF TESTS APPLIED TO CASTINGS:

Tensile Test.

Area of Sample .4852 Breaking Strain 13.80 Tons.  
 Tensile strength per Inch<sup>2</sup> 27.5 Tons.  
 Elongation in 8 Inches 26 %.

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