

For the information of Surveyors and the Committee only.

Received at ..... Office, ..... 100

## Lloyd's Register of British &amp; Foreign Shipping.

(Report on Machinery, No. .... Port Aberdeen )No. 1449 ENGINE FORGINGS OR CASTINGS.

I have to report that the Iron ~~or~~ Steel Forgings ~~or Castings~~, as herein described, manufactured by Thos. Jas. Carmichael & Co of Glasgow for the Engines No. 788 being constructed by Thos. Jas. Abernethy & Co of Aberdeen for the Ship No. 196, being built by Messrs. Dundee S.B. & Co of Glasgow have been inspected by me as set forth below, and found to be, so far as can be seen, sound & good.

n Forgings.

Lloyd's

No. 322Date 1-10-07

Inter shaft-

No 332

WM-17-10-07

Tail shaft-

No 335

WM-8-10-07

Wm MorrisonGlasgow

	CRANK SHAFT. & Thrust	STRAIGHT SHAFTING.		
		THRUST SHAFT.	INTERMEDIATE SHAFTS.	PROPELLER SHAFT.
Material	<u>8-In. forged Steel</u>	/	<u>8-In. forged Steel</u>	<u>Scrap iron</u>
Made	<u>Forged</u>		<u>Forged</u>	<u>Forged</u>
Dimensions	<u>5 3/8 diam (10 x 3 3/8)</u>		<u>5 1/4" diam</u>	<u>6" diam</u>
Process on section	<u>Forged, mach. &amp; finished</u>		<u>Forged &amp; finished</u>	<u>Machined &amp; finished</u>
When erected	<u>Aug 28; Sept 21.23</u> <u>&amp; Oct 1<sup>st</sup> 1907</u>		<u>Octo- 1<sup>st</sup> &amp; 17<sup>th</sup></u> <u>1907</u>	<u>Aug 28: Octo 5 &amp; 8<sup>th</sup></u> <u>1907</u> <u>continuous liner</u>

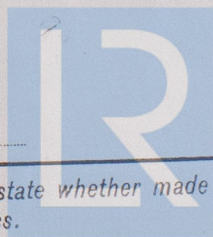
## PARTICULARS OF TESTS APPLIED TO CASTINGS:-

PARTICULARS OF TESTS APPLIED TO CRANKS			
Test No.	Tensile tons	Extens <sup>n</sup> in 2"	Per Glasgow Surveyors
Crank shaft - 322 -	27.7	45%	
Intermit <sup>t</sup> " - 332 -	29.2	36%	
Bend tests good			

Fee (if any chargeable) £ 10/6  
To be paid at Glasgow

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

W 648-0135



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Jas Abernethy & Co  
Engine & 488

Shafting

S.S. "Portlethen"

Aberdeen Rpt. R = 9441



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