

Received at Belfast Office, July 2nd 1891

Lloyd's Register of British and Foreign Shipping.

(Report on Machinery, No. \_\_\_\_\_ Port \_\_\_\_\_)

No. 103 ENGINE FORGINGS OR CASTINGS.

I have to report that the ~~Iron or Steel~~ Forgings or Castings, as herein described, manufactured by Hawthorn & Co. of Leith for the Engines No. 48 being constructed by MacLennan & MacCallum Ltd. of Belfast for the Ship No. 45, being built by MacLennan & MacCallum Ltd. of Belfast have been inspected by me as set forth below, and found to be, so far as can be seen, a sound forging.

Mark on Forgings.

Lloyd's  
No. 100  
W. J. D.

W. J. D. Sterling.  
Leith

	CRANK SHAFT.	STRAIGHT SHAFTING.		
		THRUST SHAFT.	INTERMEDIATE SHAFTS.	PROPELLER SHAFT.
Material* ---	<u>Scrap iron</u>			
How made --	<u>Forged</u>			
Dimensions --	<u>7 1/8</u>			
Position In- section --	<u>First thrust</u>			
When In- spected --	<u>From June 2 to</u> <u>16 June 3 visits</u>			

PARTICULARS OF TESTS APPLIED TO CASTINGS:--

This letter sent on to  
Mr Wright in England, &  
forwarded by him here.  
A.S. 9/11/91

\* If of Iron, state whether scrap or puddled iron. If of steel, state whether made on the Bessemer or the Siemens-Martin process.  
[T-5000-10/88-TRANS. Ink.]



ENGINE FORGINGS OR CASTINGS

I have to report that the Iron or Steel Forgings or Castings as herein described,

manufactured by \_\_\_\_\_

for the Engines No. \_\_\_\_\_ being constructed by \_\_\_\_\_

for the ship \_\_\_\_\_

of \_\_\_\_\_

as set forth below, and found to be, so far as can

At Pioneer  
Per Rps

W<sup>4000</sup>

Forgings on  
crank shaft  
July 20 1891

48

STRAIGHT SHAFTING.				CRANK SHAFT.	PROPELLER SHAFT.
INTERMEDIATE SHAFTS.		THRUST SHAFT.			

PARTICULARS OF TESTS APPLIED TO CASTINGS:-



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