

pt. 7.

For the information of Surveyors and the Committee only.

Received at

Office.

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

(Report on Machinery, No.

Port

No. 5420 ENGINE ~~FORGINGS OR~~ CASTINGS.

I have to report that the ~~Iron or Steel Forgings or~~ Castings, as herein described, manufactured by *Wm Beardmore & Co.* of *Glasgow* for the Engines No. *305* being constructed by *Leitham Shipbuilding Co.* of *Leitham* for the Ship No. , being built by of

have been inspected by me as set forth below, and found to be, so far as can be seen, *Sound*.

on Forgings or Castings.

Lloyd's  
No. *14*  
*McG*

*4 Crank Webs*

*Glasgow. 11<sup>th</sup> April 1912*  
*Peter M. Chas.*

	CRANK SHAFT.	STRAIGHT SHAFTING.		
		THRUST SHAFT.	INTERMEDIATE SHAFTS.	PROPELLER SHAFT.
Material ...	<i>Cast Steel</i>			
Made ...	<i>Open Hearth</i>			
Dimensions ...	<i>To patterns</i>			
Process on inspection	<i>Cast and Allendence</i>			
Tests on Standard Test Pieces.	<i>Rough machined and finished</i>			
Tensile Test—	<i>34.0</i>			
Tension per square inch ...	<i>30</i>			
Extension per cent ...	<i>180° WF</i>			
Bending Test—				
Angle before fracture ...				
When Inspected	<i>14.2.12. 21.2.12</i>			

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

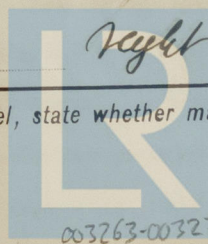
The Castings were dropped and hammered according to the Society's rules.

Fee (if any chargeable) £ *Nil*  
To be paid at

*Right**15-2021*

If of iron, state whether scrap or puddled iron. If of steel, state whether made on the Open Hearth process.

2. T.



003263-003274-0083

Working pressure by rules / 83.1 Superheater or Steam chest; how connected to boiler

Can the superheater be