

Lloyd's Register of British & Foreign Shipping.

(Report on Vessel No. _____ Port Newcastle)No. _____ SHIP FORGINGS OR CASTINGS.

I have to report that the undermentioned ~~Iron or Steel Forgings or Castings~~, manufactured by **Messrs. E. Jopling & Sons, Ltd.,** of **Sunderland.** for the Vessel No. 446, being built by J. Readhead & Sons of S. Shield have been inspected by me as set forth below and found to be, so far as can be seen, **sound.**

Crosshead for steering gear being constructed byWestmoor Engine Works; SunderlandMark on ~~Forgings or~~ Castings.

Lloyd's No. <u>798</u>		<u>M. Robertson</u> CROSSHEAD. Sunderland. 26-10-14		
	STERN FRAME.	RUDDER FRAME.	STEM.	
Material*		Steel.		
How made		Cast.		
Dimensions				
Progress on Inspection		Hammering & testing.		
Date when Inspected		<u>21-10-14</u> & <u>26-10-14</u>		
CASTINGS.				
Tests on Standard Test Pieces.				
<u>Tensile Test—</u>				
Tons per square inch		<u>32 - 3</u>		
Extension per cent <u>on 3"</u>		<u>26 - 6</u>		
<u>Cold Bending Test—</u>				
Angle before fracture		<u>120</u>		
<u>Drop Test—</u>				
Height from ground				
<u>Hammering Test—</u>		<u>Yes</u>		
If made according to Rules and found satisfactory				

SKETCHES OF FRAMES SHOWING POSITION AND DESCRIPTION OF WELDS OF FORGINGS.

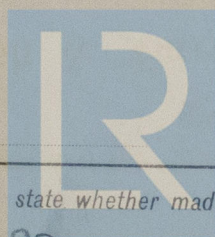
Certs. given by
4 - 1 - 14

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 Open Hearth process.
2m.1.14. T.

WS04-0133



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Lloyd's Register
Foundation