

Lloyd's Register of British & Foreign Shipping.

(Report on Vessel No. _____ Port Newcastle)

The words FORGINGS or CASTINGS, IRON or STEEL, should be struck out as may be required.

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 by
Westmoor Engine Works; Sunderland

Mark on Forgings or Castings.

Lloyd's
No. 748

M. Robertson

CROSSHEAD. **Sunderland.** 26-10-14

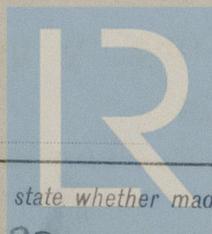
	STERN FRAME.	RUDDER FRAME.	STEM.	
Material*	/	Steel.	/	
How made		Cast.		
Dimensions				
Progress on Inspection		Hammering & testing.		
Date when Inspected		<u>21-10-14</u> & <u>26-10-14</u>		
CASTINGS.				
Tests on Standard Test Pieces.				
Tensile Test—				
Tons per square inch		<u>32 - 3</u>		
Extension per cent <u>on 3"</u>		<u>26 - 6</u>		
Cold Bending Test—				
Angle before fracture	<u>120</u>			
Drop Test—				
Height from ground				
Hammering Test—				
If made according to Rules and found satisfactory	<u>Yes</u>			

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

Cuts, qrs. by
4 - 1 - 14

Fee (if any chargeable) £

To be paid at



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Lloyd's Register
Foundation

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