



Lloyd's Register of British & Foreign Shipping.

(Report on Machinery, No. _____)

Port Sunderland

No. 13032 ENGINE ~~FORGINGS OR~~ CASTINGS.

I have to report that the ~~Iron or Steel Forgings or~~ Castings, as herein described, manufactured by John Spenser & Sons Ltd of Newburn for the Engines No. 772 being constructed by Sidkinson & Sons of Sunderland 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

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

Mark on Forgings or Castings.

Lloyd's
No. 9417-N
W.C

W Campbell
Newcastle

	CRANK <u>Welds</u>	STRAIGHT SHAFTING.		
		THRUST SHAFT.	INTERMEDIATE SHAFTS.	PROPELLER SHAFT.
Material* ...	<u>Cast steel</u>			
How made ...	<u>Cast</u>			
Dimensions ...	<u>✓</u>			
Progress on Inspection }	<u>Cast & tested</u>			
Tests on Standard Test Pieces.				
Tensile Test—				
Tons per square inch ...	<u>35.6. 33.2. 33.0.</u>			
Extension per cent ...	<u>27%. 27%. 26%.</u>			
Cold Bending Test—				
Angle before fracture ...	<u>120°. 120°. 120°.</u>			
Dates when Inspected	<u>Jan'y 22-28-1913.</u>			

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

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.

