

S. J. Stuart Prince.
For the information of Surveyors and the Committee only.

Rpt. 7

Received at _____ Office, _____ 19__

Lloyd's Register of Shipping.

(Report on Machinery, No. 16917 Port Mob.)

No. F593 ENGINE FORGINGS ~~OR CASTINGS~~

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

I have to report that the Forgings ~~or Castings~~, as herein described, manufactured by MESSRS MITCHELL SHACKLETON & Co. Ld. of PATRICROFT. for the Engines No. 3480. being constructed by MESSRS RUSSELL NEWBERY & Co. of ALTRINCHAM. for the Ship No. 1067. being built by MESSRS SMITH'S DOCK Co. Ltd. of SOUTH BANK Mdb. have been inspected by me as set forth below, and found to be, so far as can be seen, sound and free from defects. These have been ~~inspected and found to be~~ **INSTALLED IN ENG. No. 3480.**

Mark on Forgings or Castings.

Lloyd's
No. 9431.
GRC. 20/12.39

George Chappell.
MANCHESTER.
10.10.39.

	CRANK SHAFT. <u>No 9431.</u>	THRUST SHAFT.	INTERMEDIATE SHAFT.	TUBE SHAFT. SCREW SHAFT.
Material* ...	<u>O.H. INGOT STEEL.</u>			
How made ...	<u>FORGED.</u>			
Annealed... ..	<u>YES.</u>			
Dimensions } Forgings	<u>3 1/2 x 2 3/8 INS.</u>			
Weight } Forgings	<u>191.6 LBS</u>			
Weight, Castings ...				
Progress on } Inspection	<u>FORGED, ROUGH FIN. Mtd.</u>			
<u>TEST RESULTS.</u>				
Ultimate Tensile.	<u>40.8</u>			
Tons per sq. in. ...	<u>25.2</u>			
Tons per sq. in. ...	<u>27</u>			
Extension per cent on... .. inches	<u>42.0</u>			
Red. of Area % ...	<u>180°</u>			
Cold Bending Test...				
Dates when Inspected	<u>18.11.39 To. 20.12.39.</u>			

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Fee (if any chargeable)

To be paid at

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Lloyd's Register

* If of wrought iron, state whether piled bars or scrap. If of steel, state whether made by the Open Hearth process.