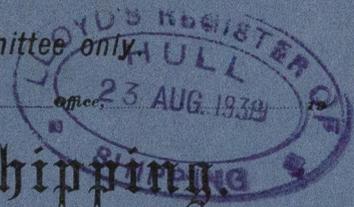


Received at \_\_\_\_\_



# Lloyd's Register of Shipping

(Report on Machinery, No. \_\_\_\_\_ Port Hull.)

## No. \_\_\_\_\_ ENGINE FORGINGS OR CASTINGS.

I have to report that the Forgings or Castings, as herein described, manufactured by Messrs. J. S. Foster & Son Ltd. of Ayhton Sunderland for the Engines No. 672 being constructed by Messrs. Amos & Smith Ltd of Hull 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 and free from defects. These have been despatched to Messrs. Amos & Smith Ltd. Hull.

Mark on Forgings or Castings.

Lloyd's  
No. 1681. 1682.  
26th 21.8.39.

J. B. Galloway  
Sunderland.  
22.8.39

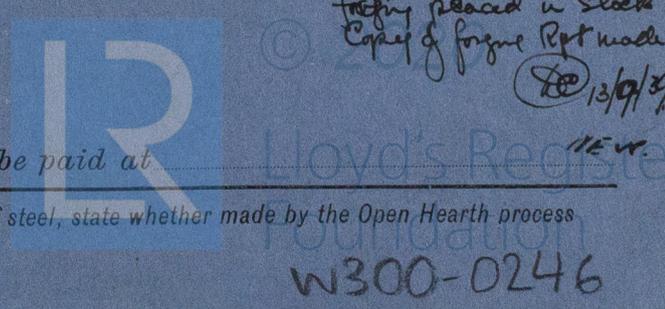
	<del>CRANK SHAFT.</del>	<del>THRUST SHAFT.</del>	<del>INTERMEDIATE SHAFT.</del>	<del>TUBE SHAFT.</del>
	<del>FLYWHEEL SHAFT.</del>			<del>SCREW SHAFT.</del>
Material* ...	<u>Sm. Eng'd steel.</u>			<u>Sm. Eng'd steel.</u>
How made ...	<u>Forged.</u>			<u>Forged.</u>
If Annealed...	<u>Heat treated</u>			<u>Heat treated</u>
Dimensions } Forgings	<u>7 1/2" D.I.A.</u>			<u>8 7/16" D.I.A.</u>
Weight	<u>29.3.4</u>			<u>16.2.21</u>
Weight, Castings ...				
Progress on } Inspection	<u>Rough machined</u>			<u>Rough machined.</u>
	<u>Test N° H. 454 A.</u>			<u>H. 455.</u>
TEST RESULTS.				
Ultimate Tensile. Tons per sq. in. ...	<u>31.6</u>			<u>30.8</u>
Yield Point. Tons per sq. in. ...	<u>—</u>			<u>—</u>
Extension per cent on 2 inches ...	<u>35</u>			<u>32</u>
Red. of Area % ...	<u>—</u>			<u>—</u>
Cold Bending Test...	<u>180°</u>			<u>180°</u>
Dates when Inspected	<u>11.7.39 to 21.8.39</u>			<u>↑</u>

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Other Screw shaft replaced for me from blocks + being placed in blocks  
Copy of forged Rpt made  
26/13/39

Fee (if any chargeable) Machinery etc To be paid at \_\_\_\_\_

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



20th February

20.2.15 at 2.0.4.11

8.0.3

8.0.3

8.0.3

8.0.3

8.0.3

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8.0.3

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8.0.3

8.0.3

8.0.3

8.0.3

A+S  
672

Thrust +  
~~shape~~

S.S.K. "Gwate"

HILL REPORT 50477

50477  
20.2.15



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Lloyd's Register  
Foundation