

Rpt. 7

For the information of Surveyors and the Committee only.

Received at _____ Office, _____ 19__

Lloyd's Register of Shipping.

(Report on Machinery, No. _____ Port Fleetwood)

No. F7972 ENGINE FORGINGS OR CASTINGS.

I have to report that the ~~Forgings or Castings~~, as herein described, manufactured by Messrs J. S. Foster & Sons Ltd. of Hylton Sunderland for the ~~Engines~~ No. C. 42 being ^{ORDER} ~~constructed~~ ^{REPAIR} by Messrs J. Robertson & Sons Ltd. of Fleetwood 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 J. Robertson & Sons (Fleetwood) Ltd. Fleetwood

Mark on Forgings or Castings.

Lloyd's
No. 1368
REG. 24.4.39

LLLOYDS
N° 153
B.E-16.5.39

J.C. Galleford
Sunderland
26.4.39

	CRANK SHAFT.	THRUST SHAFT.	INTERMEDIATE SHAFT.	TUBE SHAFT.
	FLYWHEEL SHAFT.			SCREW SHAFT.
Material * ...				<u>See Log of Steel</u>
How made ...				<u>Forged.</u>
If Annealed...				<u>Heat treated</u>
Dimensions } Forgings				<u>7 3/4" Dia.</u>
Weight				<u>14.2.14</u>
Weight, Castings ...				
Progress on Inspection }				<u>Rough machined</u>
				<u>Test at 11.2.40</u>
TEST RESULTS.				
Ultimate Tensile.				
Tons per sq. in. ...				<u>31.6</u>
Yield Point.				
Tons per sq. in. ...				
Extension per cent				
on.....inches ...				<u>29</u>
Red. of Area % ...				
Cold Bending Test...				<u>180°</u>
Dates when Inspected				<u>26.4.39 & 25.4.39</u>

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Examined rough & finish machined
& fitted with continuous liner.
Strength demands
Flwd. 16/8/39.

NORINA.

Applied for 23 APR 1939 REPAIR
F632

Fee (if any chargeable) £-11-3

To be paid at SUNDERLAND

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