

JUN -1 1940

Lloyd's Register of Shipping.

(Report on Machinery, No. 9969, Port Falmouth.)No. F8626 ENGINE FORGINGS OR CASTINGS.

I have to report that the Forgings or Castings, as herein described, manufactured by Messrs. Walsingham Steel Co. Ltd. of Walsingham for the Engines No. being constructed by "SYMBELINE" REPAIR of for the Ship No. , being built by Messrs. Sillery & Co. Ltd. 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 Falmouth

Mark on Forgings or Castings.

Lloyd's

No. 44921.5.40J. Dale & R.E. GalfordSunderland22.5.40

	CRANK SHAFT <u>REPAIR</u> NEW JOURNAL AND P.N. FLYWHEEL SHAFT.	THRUST SHAFT.	INTERMEDIATE SHAFT.	TUBE SHAFT. SCREW SHAFT.
Material* ...	<u>Sm. forged steel.</u>			
How made ...	<u>Forged</u>			
If Annealed...	<u>Heat treated</u>			
Dimensions) Forgings	<u>Journal 1 1/2" Dia. 15" dia.</u>			
Weight	<u>39.0.0</u>			
Weight, Castings ...				
Progress on { Inspection }	<u>Forging & machining</u>			
TEST RESULTS.	<u>JOURNAL</u>	<u>P.N.</u>		
Ultimate Tensile.				
Tons per sq. in. ...	<u>31.8</u>	<u>30.8</u>		
Yield Point.				
Tons per sq. in. ...	<u> </u>	<u> </u>		
Extension per cent on <u>2</u> inches ...	<u>32</u>	<u>31</u>		
Red. of Area % ...	<u> </u>	<u> </u>		
Cold Bending Test...	<u>180°</u>	<u>180</u>		
Dates when Inspected	<u>2.5.40 to 21.5.40</u>			

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:-

The above Forging was Machined and finished by the Sunderland Forging and Engineering Co. Ltd.

Fee (if any chargeable) £ 1 9 3To 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.