

Lloyd's Register of Shipping.

(Report on Vessel No. 69670)Port GlasgowNo. F.9369~~SHIP FORGINGS OR CASTINGS.~~

I have to report that the undermentioned ~~Iron~~ Steel Forging ~~Castings~~, manufactured by The Tife Forge Co. Ltd. of Kirkcaldy for the Vessel No. 1299, being built by Messrs. A. J. Inglis, & Co. of Glasgow have been inspected by me as set forth below and found to be, so far as can be seen, sound, free from defects. This has been despatched to Messrs. Brown, Braid & Shingler, for gear N° A9072. Gear N° H 2236.

Mark on Forgings ~~on Castings.~~

Lloyd's

No. 936913-2-45 J.F.C.J. F. CampbellLeith 16/2/45.

	1- TILLER	RUDDER FRAME.	STEM.
Material	<u>S.M. Eng. S. Steel</u>		
How made	<u>Forged</u>		
If annealed	<u>Yes</u>		
Dimensions	<u>As per plan</u>		
Progress on Inspection	<u>Machined</u>		
Date when Inspected	<u>10/11/44 to 13/2/45.</u>		
Forgings. CASTINGS.			
Tests on Standard Test Pieces.			
Tensile Test—			
Ultimate Tensile.			
Tons per sq. in....	<u>31.4</u>		
Yield Point.			
Tons per sq. in....	<u>—</u>		
Extension per cent.			
on..... <u>3</u>inches	<u>29%</u>		
Red. of Area %			
Cold Bending Test—			
Angle before fracture	<u>180°</u>		
Drop Test—			
Height from ground	<u>✓</u>		
Hammering Test—	<u>✓</u>		
If made according to Rules and found satisfactory			

SKETCHES OF FRAMES SHOWING POSITION AND DESCRIPTION OF WELDS OF FORGINGS.

Checked 4/6/45J. W. BowtellFee (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.