

Lloyd's Register of Shipping.

(Report on Vessel No. _____ Port Greenock)No. _____ SHIP FORGINGS OR CASTINGS.

I have to report that the undermentioned ~~Iron or~~ Steel Forgings or Castings, manufactured by Messrs. J. S. Fothergill & Co., Ltd. of Sunderland for the Vessel No. 951, being built by Messrs. Lithgow & Co., Ltd. of Port Glasgow have been inspected by me as set forth below and found to be, so far as can be seen, sound

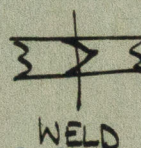
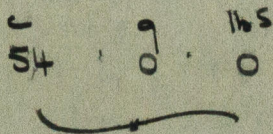
Mark on Forgings or Castings.

Lloyd's

No. 4248A.E.C. 29.10.40J.E. GallifordSunderland30.10.40

	RUDDER HEAD	AND	RUDDER FRAME.	STEM.
Material*	S.M. Ingot Steel		Scrap Steel	
How made	<u>Forged</u>		<u>Forged & Smithed</u>	
If annealed	<u>Heat Treated</u>		<u>✓</u>	
Dimensions	<u>7 1/2" dia</u>		<u>7 1/8" x 6 1/4" to 6 1/4" x 3 3/4"</u>	
Progress on Inspection	<u>Forging, Smithing & Machining</u>			
Date when Inspected	<u>23.8.40</u>		<u>to 24.10.40</u>	
CASTINGS.	<u>Test No. H. 497</u>			
Tests on Standard Test Pieces.				
Tensile Test—				
Ultimate Tensile.	<u>30.8</u>			
Tons per sq. in....				
Yield Point.	<u>-</u>			
Tons per sq. in....				
Extension per cent on.....inches	<u>34</u>			
Red. of Area %	<u>-</u>			
Cold Bending Test—				
Angle before fracture	<u>180°</u>			
Drop Test—	<u>-</u>			
Height from ground ..				
Hammering Test—	<u>-</u>			
If made according to Rules and found satisfactory ...				

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

Fee (if any chargeable) £ Monthly

To be paid at _____

* If of Iron, state whether scrap or puddled Iron. If of Steel, state whether made on the Open Hearth process.