

Lloyd's Register of Shipping.

(Report on Vessel No. _____ Port _____)

No. _____ SHIP FORGINGS ^{and.} OR CASTINGS.

I have to report that the undermentioned ~~Iron or Steel Forgings or~~ and Castings, manufactured by The Wolsingham St. Co. Ltd of Wolsingham for the Vessel No. 292, being built by Messrs Barbrams. & Co. Ltd of Sunderland have been inspected by me as set forth below and found to be, so far as can be seen, Sound.

THE WORDS FORGINGS OR CASTINGS, IRON OR STEEL, SHOULD BE STRUCK OUT AS MAY BE REQUIRED.

Mark on Forgings ⁺ or Castings.

Lloyd's
No. 815
CP. 18-3-42

Chas. S. Cortis

Rudder Head. Cast Steel Sunderland. 18/3/42

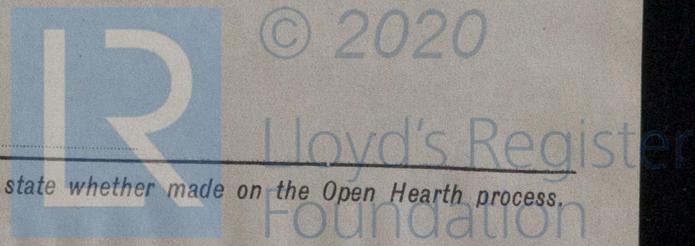
	STERN FRAME.	RUDDER FRAME.	STEM.
Material	<u>S. M. Ingot Steel</u>	<u>S. M. O. H. St.</u>	
How made	<u>Forged.</u>	<u>Cast</u>	
If annealed	<u>Yes</u>	<u>Yes</u>	
Dimensions	<u>10 1/2" dia</u>	<u>9 1/2" - 10 1/4" x 7" - 10 1/4"</u>	
Progress on Inspection	<u>Forging -</u>	<u>Parting & Machining</u>	
Date when Inspected	<u>11-9-41.</u>	<u>to 18-3-42</u>	
CASTINGS.			
Tests on Standard Test Pieces.	<u>Int. No. 478</u>	<u>Int. No. 344</u>	
Tensile Test—		<u>T. B.</u>	
Ultimate Tensile. Tons per sq. in....	<u>29.6</u>	<u>32.8</u>	<u>33.6</u>
Yield Point. Tons per sq. in....			
Extension per cent. on.....inches	<u>35%</u>	<u>24%</u>	<u>23%</u>
Red. of Area %			
Cold Bending Test— Angle before fracture	<u>180°</u>	<u>120°</u>	<u>120°</u>
Drop Test— Height from ground ..			
Hammering Test— If made according to Rules and found satisfactory ...	<u>Hammered only.</u>		

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

Weights = T. C.
2-19-3-0. Rudder Hd.
4-9-0-0. C.St. frame

Fee (if any chargeable) £ **MONTHLY A/C.**
To be paid at _____

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



Barkham 292
Reader stand
+ frame

SUNDERLAND RPT. NO. 33499.
Empire Banner.



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Lloyd's Register
Foundation