

Lloyd's Register of Shipping.

(Report on Vessel No. 93528 Port Newcastle.)No. SHIP ~~FORGINGS~~ OR CASTINGS.

I have to report that the undermentioned ~~Iron or Steel Forgings or~~
 Castings, manufactured by Thos E Gophling & Son Ltd.
 of Sunderland for the Vessel No. 1513, being built
 by Thos Swan Hunter & Co Ltd of Wallsend-on-Tyne
 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. 8528dt. 3.10.35

Quadrant - J Dale
Sunderland

	STERN FRAME.	RUDDER FRAME.	STEM.
Material*	...	<u>Cast-Steel</u>	
How made	...	<u>Electric furnace</u>	
If annealed	...	<u>yes</u>	
Dimensions	...	<u>6'-6" rod</u>	
Progress on Inspection	...	<u>Cleaning & testing.</u>	
Date when Inspected	...	<u>3.10.35</u>	
CASTINGS.			
Tests on Standard Test Pieces.			
Tensile Test—			
Tons per square inch	...	<u>30.5</u>	
Extension per cent.	...	<u>34%</u>	
Cold Bending Test—			
Angle before fracture	...	<u>120°</u>	
Drop Test—			
Height from ground	...	<u>6 ft.</u>	
Hammering Test—			
If made according to Rules and found satisfactory	...	<u>yes</u>	

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

Forward to Mrn Danks & Co

Quadrant & Tiller Plan
returned herewith.

Fee (if any chargeable) £ : :

To be paid at

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Lloyd's Register
Foundation

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