

Lloyd's Register of Shipping.

(Report on Vessel No. 93528 Port Newcastle.)

The words FORGINGS OF IRON OR STEEL, should be struck out as may be required.

No. _____ SHIP ~~FORGINGS~~ OR CASTINGS.

I have to report that the undermentioned ~~Iron or Steel Forgings or Castings~~, manufactured by Messrs E Gopling & Co Ltd of Sunderland for the Vessel No. 1513, being built by Messrs Swan Hunter & Wigham 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. 8529
of 3.10.35

Quadrant - J Dale
Sunderland

	STERN FRAME.	<u>Quadrant</u> 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 Messrs Dorman & Co

Quadrant & Tiller Plan
returned herewith.

Fee (if any chargeable) £ : :

To be paid at _____



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Lloyd's Register
Foundation

W1014-0159

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