

Lloyd's Register of Shipping.

(Report on Vessel) No. 50330 Port

GLASGOW

Princess Joan

No. 3020A. SHIP ~~FORGINGS OR~~ CASTINGS.

I have to report that the undermentioned ~~Iron or Steel Forgings or~~ Castings, manufactured by Messrs The Steel Co of Scotland Ltd, of *Hallside, Lanarkshire* for the Vessel No. 639A1, being built by Messrs The Fairfield Shipbuilding & Eng. Co Ltd of *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. 3020

W&L 24.5.29

William Lewis
17 JUL 1929

	CASTING STERN FRAME.	BOSS END CASTING RUDDER FRAME.	BOSS END CASTING STEM.
Material*	<i>Siemens-Martin Acid, Open Hearth Steel</i>		
How made	<i>Cast.</i>		
annealed	<i>Annealed.</i>		
Dimensions	<i>To patterns.</i>		
Progress on Inspection	<i>Rough machined to drawing.</i>		
Date when Inspected	<i>7/5/29 - 28/5/29</i>	<i>1/5/29 - 24/5/29</i>	<i>7/5/29 - 24/5/29</i>
CASTINGS. Tests on Standard Test Pieces.	<i>Test No 617</i>	<i>Test No 614</i>	<i>Test No 618</i>
Tensile Test— Tens per square inch	<i>32.6</i>	<i>31.8</i>	<i>31.2</i>
Extension per cent. ...	<i>25.0%</i>	<i>32.0%</i>	<i>33.0%</i>
180° Bending Test— Angle before fracture	<i>180° W.F.</i>	<i>180° W.F.</i>	<i>180° W.F.</i>
Drop Test— Height from ground ...	<i>10 feet</i>	<i>10 feet</i>	<i>10 feet</i>
Immersion Test— If made according to Rules and found satisfactory ...	<i>Yes.</i>	<i>Yes.</i>	<i>Yes.</i>

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

Fee (if any chargeable) £ NIL (Vessel Classed)

To be paid at

* If of Iron, state whether scrap or puddled Iron. If of Steel, state whether made on the Open Hearth process.
3m, 11, 25. T. *24.5.29*

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Foundation