

4 Forging Rept -

N<sup>o</sup> 268

S. S. Lominia Marin

Rept. N<sup>o</sup> 1159

Nagasaki



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Lloyd's Register  
Foundation

W1358-0149

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# Lloyd's Register of Shipping.

(Report on Vessel No. \_\_\_\_\_ Port \_\_\_\_\_)

No. 316

## SHIP FORGINGS OR CASTINGS.

The words FORGINGS or CASTINGS, IRON or STEEL, should be struck out as may be required.

I have to report that the undermentioned ~~Iron or Steel Forgings or~~ Castings, manufactured by the Mitsubishi Dockyard Engine Works of Nagasaki for the Vessel No. 268, being built by them of \_\_\_\_\_ have been inspected by me as set forth below and found to be, so far as can be seen, sound and free from defects.

Mark on Forgings or Castings.

Lloyd's  
No. 316  
A.S.W.

Nagasaki, 19<sup>th</sup> Octr. 1917.

A. S. Williamson

	STERN FRAME.	RUDDER <sup>Block</sup> FRAME.	Rudder <sup>STEEL</sup> Arms
Material*	Cast steel	S.M. Open Hearth steel	Cast steel
How made	Open Hearth	Forged	Open Hearth
Dimensions	10 1/2 x 7' x 10" x 7"	8"	
Progress on Inspection	Rough annealed	Forged while being machined.	Rough annealed
Date when Inspected	19.9.17 to 29.9.17	4.10.17 to 18.10.17	29.12.16 to 1.8.17
CASTINGS.			
Tests on Standard Test Pieces.			
Tensile Test—			
Tons per square inch	27.6	31.0 + 30.8	34.4 to 29.0
Extension per cent. ...	33.3	32.3 + 31.3	20.8 to 31.3
Cold Bending Test—			
Angle before fracture	123°	180°	127 to 138
Drop Test—			
Height from ground ...	Through an angle of 45°		10 feet
Hammering Test—			
If made according to Rules and found satisfactory ...	Yes		Yes.

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

Fee (if any chargeable) £          :

To be paid at \_\_\_\_\_



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