

## Lloyd's Register of Shipping.

(Report on Vessel No.

Port *Sunderland.*)

No. ✓

## SHIP FORGINGS OR CASTINGS.

I have to report that the undermentioned Iron or ~~Steel~~ Forgings or Castings, manufactured by *Messrs Sunderland Forge & Eng Co. Ltd* of *Sunderland* for the Vessel No. *259*, being built by *Coburne Graham & Co. Ltd* of *Sunderland* 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. *1478**D. D. Williamson**Sunderland. 4-3-19*

	STERN FRAME.	RUDDER FRAME.	<i>Killer</i> STEM.
Material*		<i>Scrap Iron</i>	<i>Scrap Iron</i>
How made		<i>Forged</i>	<i>Forged</i>
Dimensions		<i>4 1/2" dia to 5 1/2" dia</i>	<i>13 1/2" x 4 1/2" dia 8 x 4 1/2" x 3 3/4" diam</i>
Progress on Inspection		<i>Forged &amp; Finished</i>	<i>Finished</i>
Date when Inspected		<i>11-2-19 to 3-3-19</i>	<i>3-3-19</i>
CASTINGS.			
Tests on Standard Test Pieces.			
Tensile Test—			
Tons per square inch			
Extension per cent.			
Cold Bending Test—			
Angle before fracture			
Drop Test—			
Height from ground			
Hammering Test—			
If made according to Rules and found satisfactory			

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

Fee (if any chargeable) £

To be paid at ✓

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



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SUNDERLAND  
Mess<sup>rs</sup> DOUBOINE GRAHAM & CO  
CERTIFICATES FOR RUDDER & TILLER

No 259

S.S. 'LAGENHAM'

SUNDERLAND, RPT. NO. 27 614



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