

## Lloyd's Register of Shipping.

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

No. 1489

SHIP ~~FORGINGS OR~~ CASTINGS.

I have to report that the undermentioned ~~Iron or Steel Forgings or~~ Castings, manufactured by The Federal Steel Foundry Co. of Chester, Pa. for the Vessel No. ORDER No. 474, being built by The Chester S.B. Co. of Chester, Pa. 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. 1489

JMS

*McPier.*  
Philadelphia

	STERN FRAME.	RUDDER FRAME.	STEM.
Material* ...	<u>0.21 Steel</u>		
How made ...	<u>Cast</u>		
Dimensions ...			
Progress on Inspection ...	<u>Cast</u>		
Date when Inspected	<u>15-3-16</u> <u>23-3-16</u>		
CASTINGS.			
Tests on Standard Test Pieces.			
Tensile Test—			
<u>lb</u> Tons per square inch	<u>68000</u> <u>70000</u> <u>68500</u>		
Extension per cent. ...	<u>30</u> <u>29</u> <u>29</u>		
Cold Bending Test—			
Angle before fracture	<u>120</u> <u>180</u> <u>150</u>		
Drop Test—			
Height from ground ...	<u>✓</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.

N° 35-0

Fee (if any chargeable) \$ 26.00To be paid at Philadelphia, Pa.

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