

Received at

Belfast

Office.

Aug 24<sup>th</sup>

1907

## Lloyd's Register of British and Foreign Shipping.

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

Port \_\_\_\_\_)

No. 290

SHIP ~~FORGINGS OR~~ CASTINGS.

I have to report that the undermentioned ~~Iron or Steel Forgings or~~ Castings, manufactured by Barrow Hematite Steel Co. Lim of Barrow in Furness for the Vessel No. \_\_\_\_\_, being built by SS Paris <sup>now</sup> Philadelphia of \_\_\_\_\_ have been inspected by me as set forth below, and found to be, so far as can be seen, Sound and Satisfactory

Castings

Mark on Forgings

Lloyd's

No 290-2

697 J.S.

Jas Basthpe  
Barrow in Furness

	STERN FRAME.	RUDDER FRAME. 3 Pieces 4	STEM
Material*	<u>Ross Bracket</u> <u>Siemens Martin Steel</u>	<u>4 Stock</u> <u>Siemens Martin Steel</u>	<u>Forefoot</u> <u>Siemens Martin Steel</u>
How made	<u>Cast &amp; annealed</u>	<u>Cast &amp; annealed</u>	<u>Cast &amp; annealed</u>
Dimensions	<u>13" x 13" x 9 - 12" x 9</u>	<u>17" dia</u>	<u>11" x 3"</u>
Progress on Inspection	<u>Cast, dressing, machining and finished</u>		
Date when Inspected	<u>14-2-00 to 28-5-00</u>	<u>30-4-00 to 30-10-00</u>	<u>10-11-00 to 26-11-00</u>

SKETCHES OF FRAMES SHOWING POSITION AND DESCRIPTION OF WELDS OF FORGINGS, OR PARTICULARS OF TESTS APPLIED TO CASTINGS.

	dia	area	ultimate stress	tons	extension	constr	cold
	in ins	in ins	total	per sq inch	in 8 ins	of area	bend
Stern frame	1.02	.817	26.6	32.8	9%	13.4	130°
Bracket	1.02	.817	26.1	31.9	12%	14.0	140°
R Stock	1.02	.817	24.6	30.2	23%	41.5	135°
R Top & Bottom	1.02	.817	27.1	33.3	12%	18.2	135°
R Middle	1.02	.817	25.7	31.6	19%	40.0	135°
Forefoot	1.0	.785	25.5	32.5	19%	40.5	100°

Stern frame raised to an angle of 45°, Ross Bracket & Rudder Stock to a height of eight feet, Rudder and Forefoot to ten feet and dropped and afterwards swung hammer and found Satisfactory

Fee (if any chargeable) £ \_\_\_\_\_

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

\* If of Iron, state whether scrap or puddled Iron.



S.S. "Philadelphia" (ex Paris)

Stern frame, Rudder, and  
Five foot castings

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Lloyd's Register  
Foundation