

For the information of Surveyors and the Committee only.

Received at Belfast Office. Aug 24th 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 ^{now} ~~St~~ Philadelphia of _____ have been inspected by me as set forth below, and found to be, so far as can be seen, Sound and Satisfactory

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

Castings
Mark on Forgings.

Lloyd's
No 290-2
697 J.S.

Jas Baxthope
Barrow in Furness

	STERN FRAME.	RUDDER FRAME. 3 Pieces & 5 Stock	STEM Forefoot
Material*	<u>Siemens Martin Steel</u>	<u>Siemens Martin Steel</u>	<u>Siemens Martin Steel</u>
How made	<u>Cast & annealed</u>	<u>Cast & annealed</u>	<u>Cast & annealed</u>
Dimensions	<u>13" x 13 1/2" x 9 - 12 1/2" x 9</u>	<u>17" dia</u>	<u>11" x 3 1/2"</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 in ins	Area in ins	Ultimate Stress Total	Tens Per Square	Extension in 8 ins	Contra of area	Cold Bend
Stern frame	1.02	.817	26.6	32.8	9%	13.4	130°
Bracket	1.02	.817	26.1	31.9	12.7%	14.0	140°
R Stock	1.02	.817	24.6	30.2	23.7%	41.5	135°
R Top & Bottom	1.02	.817	27.1	33.3	12.7%	18.2	135°
R Middle	1.02	.817	25.7	31.6	19.7%	40.0	135°
Forefoot	1.0	.785	25.5	32.5	19.7%	40.5	100°

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