

Lloyd's Register of British and Foreign Shipping.

(Report on Vessel No. _____ Port _____)

No. 72 SHIP FORGINGS OR CASTINGS.

I have to report that the undermentioned Iron or Steel ~~Forgings or Castings~~, manufactured by The Barrow Hamatite Steel Co^l of Barrow for the Vessel No. 46, being built by Messrs Mc Muraine & McColl of Belfast have been inspected by me as set forth below, and found to be, so far as can be seen, satisfactory

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

casting
Mark on Forgings.

Lloyd's
No. 72
J. D. 12-90

J. Dykes
Barrow

	STERN FRAME.	RUDDER FRAME.	STEM.
Material*	<u>Siemens Martin Steel</u>		
How made	<u>Cast & Annealed.</u>		
Dimensions	<u>77" x 3 1/2"</u>		
Progress on Inspection	<u>Cast, dressed & finished</u>		
Dates when Inspected	<u>Decr 1st 4th 8th 9th 1890.</u>		

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

PURPOSE	DIAM.	AREA	ULTIMATE STRESS		EX IN 8 IN	CONTRACTION OF AREA	COLD BEND
	INS.	INS.	TOTAL TONS	SPLY. TONS			
STERN FRAME	1.14	1.02	32.38	32.6	21.0%	35%	180° Swool.

Stern Frame raised to an angle of 45°; then let fall on hard ground. Slung & hammered all over and found satisfactory.