



Lloyd's Register of British and Foreign Shipping.

(Report on Vessel No. 4328 Port Belfast)

No. 159 SHIP ~~FORGINGS OR~~ CASTINGS.

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

I have to report that the undermentioned ~~Iron or Steel Forgings or~~ Castings, manufactured by The Barrow Hematite Steel Co. Ltd. of Barrow for the Vessel No. 104, being built by Messrs Workman Clark of Belfast have been inspected by me as set forth below, and found to be, so far as can be seen, Satisfactory

Mark on Forgings.

Lloyd's
No. 159

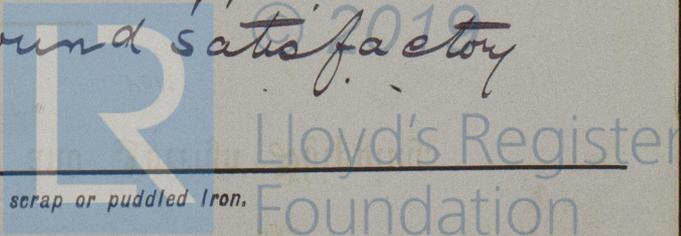
Wm. Dunstone Gasbathope
Barrow in Furness

	STERN FRAME.	RUDDER FRAME.	STEM
Material*	Sumner Martin Steel	Sumner Martin Steel	
How made	Cast & annealed	Cast & annealed	
Dimensions			
Progress on Inspection	Cast dressing & finished	Cast dressing & finished	
Dates when Inspected	1 st & 14 th July	1 st & 14 th July	

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

Purpose	dia	area	Ultimate Stressors		Contr'n of 8 inch Cold		
	in	sq in	Total	per sq in	area	in 8 inch bend	
Frame	1.14	1.02	32.84	32.2	30.5%	20%	180°
Rudder	1.14	1.02	33.56	32.9	26.8	15%	180°

Stem Frame raised to an angle of 45° and Rudder raised 8 feet and dropped then being hammered & found satisfactory



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

1074

Castings

Storn & Rudder No.

Arkanow

Bel. Rpt No. 4328



© 2019

Lloyd's Register
Foundation