

Lloyd's Register of British and Foreign Shipping.

(Report on Vessel No. _____ Port _____)

No. 148 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 Alkali Works Ltd of Barrow for the Vessel No. 218, being built by The Naval Construction & Armaments Co. Ltd. of Barrow have been inspected by me as set forth below, and found to be, so far as can be seen, satisfactory

Castings
Mark on Castings.

Lloyd's
No. 148
S.N. 10.92

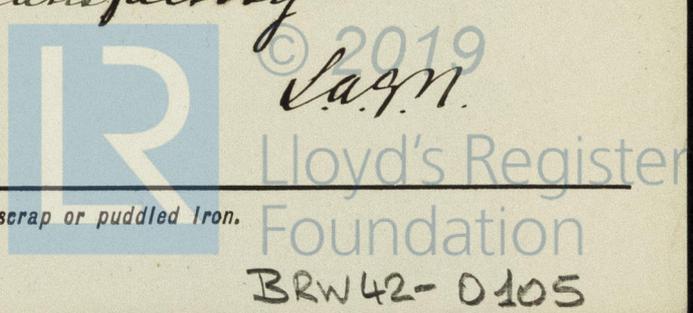
S. A. G. Nash
Barrow. 28/10/92.

	<u>Two</u> STERN <u>BRACKETS</u> .	RUDDER FRAME.	STEM.
Material*	<u>Siemens-Martin Steel</u>		
How made	<u>cast and annealed</u>		
Dimensions	-		
Progress on Inspection	<u>Cast Dressing & Finished</u>		
Dates when Inspected	<u>October 14th, 17th, 22nd</u> <u>25th and 28th</u>		

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

Purpose.	Diameter	Area	Ultimate Stress in Tons		Extension	Contraction	Cold Bend.
	inches	in inches	Total	sq in	in Pinches	of Area	
<u>Stern</u>	<u>1.14</u>	<u>1.02</u>	<u>35.70</u>	<u>35.0</u>	<u>13%</u>	<u>16.8</u>	<u>good</u>
<u>Brackets</u>	<u>1.13</u>	<u>1.0</u>	<u>32.84</u>	<u>32.8</u>	<u>15%</u>	<u>30.6</u>	<u>good.</u>

These Brackets were raised to a height of about 10 feet, and dropped, then slung by chains, hammered and found satisfactory



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