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Lloyd's Register of British and Foreign Shipping.

(Report on Vessel No. 331 Port Belfast)No. 27026SHIP FORGINGS ~~OR~~ CASTINGS.

I have to report that the undermentioned ~~Steel~~ Steel Forgings ~~or~~ Castings, manufactured by Barrow Hematite Steel Co. Ltd. of Barrow in Furness for the Vessel No. 331, being built by Messrs Harland & Wolff of Belfast have been inspected by me as set forth below, and found to be, so far as can be seen, Sound and Satisfactory

Mark on Forgings.

Lloyd's

No. 270.276J.B.as Castings
Barrow

	STERN FRAME.	RUDDER FRAME.	STEM.
Material*	<u>Siemens Martin Steel</u>		
How made	<u>Cast and annealed</u>		
Dimensions	<u>16½" x 10" 13½" x 10"</u>	<u>14½" x 10½"</u>	<u>Stock 12½"</u>
Progress on Inspection	<u>Cast dressing finished</u>		
Date when Inspected	<u>7/1/00 30/3/99</u>	<u>19/4/99 4/10/99</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	Contra	Cold
Purpose	in in	in in	Total	Per sq"	in 8 in	Tons	Bend
Stem frame	102	817	27.9	34.1	14%	18.5%	125°
Rudder	102	817	27.7	33.9	23%	43%	140°

Stem frame raised to an angle of 45° and Rudder to a height of 7 feet and dropped then slung hammered and found satisfactory

Fee (if any chargeable) £ To be paid at

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

Harland self Sld

331

Stern Rudder frame
forgings

14 - 6 - 00

"Devonian"

Report No 5167

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