

Lloyd's Register of British and Foreign Shipping.

(Report on Vessel No.)

Port

No 228

SHIP FORGINGS ~~AND~~ CASTINGS.

I have to report that the undermentioned ~~from~~ ^{and} Steel Forgings ~~and~~ Castings, manufactured by Barrow Hematite Steel Co. Ltd. of Barrow for the Vessel ~~No.~~ ^B, 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

a Castings

Lloyd's

No. 228

233
233
233
233
233

as Castings.
Barrow in Furness

	STERN FRAME.	RUDDER FRAME.	STEM.
Material*	in two pieces Siemens Martin Steel	Stock Siemens Martin Steel	Siemens Martin Steel
How made	Cast & annealed	Rudder Cast & annealed Stock Forged	cast and annealed
Dimensions		Rudder cast machine and finished, Stock Rough forged machine and finished	cast machine and finished
Progress on Inspection	cast machine and finished		
Dates when Inspected	May 5 th to Aug 30 th 1897	Sept 11 th to Dec 16 th 1897	April 7 th to April 23 rd 1897

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

Purpose	dia	area	ultimate Stress tons	extension	conting Cold
	in ins	in ins	Total	Per sq inch	in 8 ins
Forepost	1.01	8.01	24.5	30.6	2.1%
Stem Frame	1.02	8.17	23.2	28.3	10%
Stem Post	1.02	8.17	25.2	30.8	18%
Rudder	1.02	8.17	25.2	30.8	24%
					area
					50.6%
					27.37
					20.5%
					48.2%
					160°
					140°
					140°
					135°

Forepost raised 12 feet, 1st Piece Stem Frame to an angle of 45°, 2nd Piece 10 feet, Rudder 8 feet, and dropped, the whole being hammered and found Satisfactory

At 140's 13

Forgays + Castings

Stem Frame. Rudder

Frame + Stem

"Mormouth"



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Foundation