

Lloyd's Register of British and Foreign Shipping.

(Report on Vessel No. 10041 Port Glasgow
Manchester.)

No. SHIP ~~FORGINGS OR~~ CASTINGS.

I have to report that the undermentioned ~~Iron or Steel~~ ~~Forgings or~~ Castings, manufactured by
The Cast Steel Foundry Co of Middlebrough
for the Vessel No. 279, being built by Messrs Simons & Co
of Renfrew have been inspected by me as set forth below, and found
to be, so far as can be seen, sound.

Mark on ~~Forgings~~ Castings

Lloyd's

No.

3

N. M. Williams

West Hartlepool

	STERN FRAME.	RUDDER FRAME.	STEM.
Material* - - - -			<u>Cast Steel</u>
How made - - - -			
Dimensions - - - -			<u>7" x 2 1/4"</u>
Progress on Inspection -			<u>When Completed.</u>
Dates when Inspected {			<u>Decr 18th 23rd 24th</u> <u>1889</u>

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

Tests. Drop test. Lifted on end to angle of 45° + dropped on hard ground: afterwards.

Hammered as per rule + found good.

Tensile test	diam.	Area.	Break at.	per sq inch.	% elong ⁿ in 8"
	.91"	.68 ^{sq in}	20.66	31.78	13.5

Bend test. round piece about 1" diam bent to 160° without defect.

2/1/90
J.H.D.

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Foundation