

Lloyd's Register of British and Foreign Shipping.

(Report on Vessel No. 6634 Port Glasgow)No. 626

SHIP FORGINGS OR CASTINGS.

We

have to report that the undermentioned ~~Iron or Steel Forgings or Castings~~, manufactured byThe Steel Co of Scotland

of

Newtonfor the Vessel No. 199, being built by Messrs J & C. Thomsonof Glasgowhave been inspected by me as set forth below, and foundto be, so far as can be seen, sound and efficient

Mark on Forgings.

Lloyd's

No. 626G.N.George Newcomb
A. W. DoveGlasgow

	STERN FRAME.	RUDDER FRAME.	STEM.
Material* - - - -	/	<u>Siemens' Martin steel.</u>	/
How made - - - -		<u>Cast</u>	
Dimensions - - - -		<u>7 1/2 3 1/2</u>	
Progress on Inspection -		<u>Bottom 4/2/84. } 2 Parts</u>	
Dates when Inspected {		<u>Stock 25/3/84.</u>	

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

The above castings were subjected to a drop test of 10 feet. - satisfactoryTensile & Bend Tests.

No of Sample	Part of Rudder	Dimensions			Ultimate Stress		Elongation %	Bend Test.	
		Bdth.	Ht.	Area	Total	Sp. in.			
<u>1</u>	<u>Lower</u>	<u>1.18</u>	<u>.65</u>	<u>.767</u>	<u>22.2</u>	<u>28.9</u>	<u>11.0</u>	<u>135°</u>	<u>Successful Weld Test</u>
		<u>1.18</u>	<u>.655</u>	<u>.773</u>	<u>23.0</u>	<u>29.7</u>	<u>9.5</u>		
<u>3</u>	<u>Upper</u>	<u>1.19</u>	<u>.55</u>	<u>.655</u>	<u>16.9</u>	<u>25.8</u>	<u>8.5</u>	<u>50°</u>	<u>"</u>
		<u>1.19</u>	<u>.55</u>	<u>.655</u>	<u>18.75</u>	<u>28.6</u>	<u>10.5</u>		