

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 by The Steel Co of Scotland of Newton for the Vessel No. 199, being built by Messrs J & C Thomson of Glasgow have been inspected by me as set forth below, and found to be, so far as can be seen, sound and efficient

Mark on Forgings.

Lloyd's
No. 626
G.N

George Newcomb
A W Dove

Glasgow

	STERN FRAME.	RUDDER FRAME.	STEM.
Material*	/	Siemens' Martin steel.	/
How made		Cast	
Dimensions		16 3/2	
Progress on Inspection		Bottom 4/2/84. } 2 Parts	
Dates when Inspected		Stock 25/3/84. }	

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. - satisfactory

Tensile & Bend Tests.

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