

Lloyd's Register of British and Foreign Shipping.

(Report on Vessel No. 9494 Port Glasgow)"Brazilian"No. 2099. SHIP FORGINGS OR CASTINGS.

The words FORGINGS or CASTINGS, IRON or STEEL, should be struck out as may be required.

I have to report that the undermentioned Iron or Steel Forgings or Castings, manufactured by Androssan Foundry Co. of Androssan for the Vessel No. 346, being built by Messrs J & W. Henderson of Glasgow have been inspected by me as set forth below, and found to be, so far as can be seen, sound and free from surface defects

Mark on Forgings.

Lloyd's

No. _____

H. Hard Alex^r Kidd.Glasgow 4/4/89

	STERN FRAME.	RUDDER FRAME.	STEM. <u>piece</u>
Material*	<u>Cast steel</u>		<u>at fore foot & flanged to fit into keel plate</u>
How made	<u>Siemens (Open Hearth)</u>		
Dimensions	<u>✓</u>		
Progress on Inspection .	<u>✓</u>		
Dates when Inspected {	<u>22/2/89 29/2/89</u>		

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

This casting was raised ten feet above hard ground and dropped, afterwards shung and well hammered and appeared sound and efficient.

Results of tensile and bending test

Tensile broke at 28.1 tons per sq. in with 10% exten
Bend test 1/2" thick bent to a circle of 3 1/2" dia without fracture