

REPORT ON MACHINERY.

Port of *Glasgow*Received at London Office *TUES. APR. 24 1901*Date, first Survey *1 Novr '00* Last Survey *11 April 1901*(Number of Visits *12*)Gross *3586.8*
Net *2337.21*When built *1901*Survey held at *Glasgow*on the *Screw Steamer "Arciduca Stefano"*

(Russell & Co. Ltd.)

Built at *Port Glasgow*By whom built *Russell & Co.*when made *1901*By whom made *J. & W. Wincaid & Co.*By whom made *Anderson & Lyall*when made *1901*By whom made *Anderson & Lyall*Owners *Credi C. Cav. Gerolamich & Co.*Port belonging to *Lussinpiccolo*

Registered Horse Power

Is Refrigerating Machinery fitted *no*Is Electric Light fitted *no*Horse Power as per Section 28 *297*

MACHINERY, &c.—Description of Engines

No. of Cylinders	Length of Stroke	Revs. per minute	Dia. of Screw shaft	No. of Cranks
as per rule	as per rule	as per rule	as per rule	as per rule
Dia. of Crank shaft journals	Dia. of Crank pin	Size of Crank webs	Lgth. of stern bush	Dia. of thrust shaft under
Dia. of screw	Pitch of screw	No. of blades	State whether moveable	Total surface
Diameter of ditto	Stroke	Can one be overhauled while the other is at work		
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Sizes of Pumps	No. and size of Suctions connected to both Bilge and Donkey pumps			
	In Holds, &c.			

Is a separate donkey suction fitted in Engine room & size

Are the discharges on Engine room bulkheads always accessible

Are the roses in Engine room always accessible

Are they Valves or Cocks

Are the discharge pipes above or below the deep water line

Are the blow off cocks fitted with a spigot and brass covering plate

How are they protected

Are the pipes in connection with the machinery and all boiler mountings accessible at all times

Are the bilge suction pipes, cocks, and valves arranged so as to prevent any communication between the sea and the bilges

Is the screw shaft tunnel watertight

Are the stern tube, propeller, screw shaft, and all connections examined in dry dock

Is forced draft fitted *no*

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DONKEY BOILER— No. Description
Made at By whom made When made Where fixed
Working pressure tested by hydraulic pressure to No. of Certificate Fire grate area Description of safety valves
No. of safety valves Area of each Pressure to which they are adjusted If fitted with easing gear If steam from main boilers can enter the donkey boiler
Dia. of donkey boiler Length Material of shell plates Thickness Range of tensile strength
Descrip. of riveting long seams Dia. of rivet holes Whether punched or drilled Pitch of rivets
Lap of plating Per centage of strength of joint Rivets Thickness of shell crown plates Radius of do. No. of Stays to do.
Dia. of stays. Diameter of furnace Top Bottom Length of furnace Thickness of furnace plates Description of joint
Thickness of furnace crown plates Stayed by Working pressure of shell by rules
Working pressure of furnace by rules Diameter of uptake Thickness of uptake plates Thickness of water tubes

SPARE GEAR. State the articles supplied:—

The foregoing is a correct description,

Manufacturer.

Anderson & Lyall

Dates of Survey while building
During progress of work in shops—
During erection on board vessel—
Total No. of visits

1900:— Nov. 1. 13. 20. 26. Dec. 13. 1901:— Jan. 9. 15. 24. Feb. 14. Mar. 13. 26. Apr. 11.
12.

Is the approved plan of main boiler forwarded herewith Yes.

“ “ “ donkey “ “ “

General Remarks (State quality of workmanship, opinions as to class, &c.)

Material of screw shaft Is the screw shaft fitted with a continuous liner the whole length of the stern tube

Is the after end of the liner made water tight in the propeller boss If the liner is in more than one length are the joints burned

If the liner does not fit tightly at the part between the bearings in the stern tube, is the space charged with a plastic material insoluble in water and non-corrosive
If two liners are fitted, is the shaft lapped or protected between the liners

The main Boilers of this vessel have been built under special survey and the materials and workmanship are good. When completed they were examined under hydraulic pressure of 360 lbs per sq. inch and found tight and sound.

The amount of Entry Fee.
Special
Donkey Boiler Fee £
Travelling Expenses (if any) £
When applied for, 19
When received, 19

Committee's Minute Glasgow. 22 APR 1901

Assigned Deferred for completion.

Wm. R. Austin.
Engineer Surveyor to Lloyd's Register of British & Foreign Shipping.

FRI. NOV 15 1901

Lloyd's Register Foundation