

Donkey Boiler

7523

FRIDAY 2 JULY 1886

REPORT ON MACHINERY.

No. *4523*

Received at London Office

9881 1700

2 JULY 1886

No. in Survey held at *Glasgow*

Date, first Survey *10th February* Last Survey *14th June 1886*

Reg. Book.

(Number of Visits.....)

on the *Sailing Ship "County of Roxburgh"*

Tons *2121*

Master

Built at *Glasgow* By whom built *Burday Curle & Co* When built *1886*

Engines made at

By whom made

When made

Boilers made at

By whom made

When made *1886*

Registered Horse Power

Owners

Port belonging to *Glasgow*

ENGINES, &c.—

Description of Engines

Diameter of Cylinders *—* Length of Stroke *—* No. of Rev. per minute *—* Point of Cut off, High Pressure *—* Low Pressure *—*

Diameter of Screw shaft *—* Diam. of Tunnel shaft *—* Diam. of Crank shaft journals *—* Diam. of Crank pin *—* size of Crank webs *—*

Diameter of screw *—* Pitch of screw *—* No. of blades *—* state whether moveable *—* total surface *—*

No. of Feed pumps *—* diameter of ditto *—* Stroke *—* Can one be overhauled while the other is at work *—*

No. of Bilge pumps *—* diameter of ditto *—* Stroke *—* Can one be overhauled while the other is at work *—*

GLS152-0138

7523 GLO

Sailing Ship "County of Roxburgh"

DONKEY BOILER—

Description

Round vertical (with two cross tubes)

Made at Glasgow

by whom made Barclay Curle & Co

when made 1886 where fixed on main deck

Working pressure

60 lbs

tested by hydraulic pressure to 120 lbs

No. of Certificate 1400

fire grate area 4 ft²

description of safety valves

Direct Spring

No. of safety valves One

area of each 4" if fitted with easing gear

if steam from main boilers can enter the donkey boiler

diameter of donkey boiler 3' 8"

length 9 ft

description of riveting single lap

Thickness of shell plates 3/8"

diameter of rivet holes 1 3/16"

whether punched or drilled drilled

pitch of rivets 2"

lap of plating 3"

per centage of strength of joint 60%

thickness of crown plates 3/16"

stayed by Uptake

Diameter of furnace, top 2' 4"

bottom 3' 2"

length of furnace 5 ft

thickness of plates 3/16"

description of joint single lap

Thickness of furnace crown plates 3/16"

stayed by Uptake

working pressure of shell by rules 102 lbs

Working pressure of furnace by rules 40 lbs

diameter of uptake 11" 1 1/2"

thickness of plates 3/16" iron

thickness of water tubes 3/16"

SPARE GEAR. State the articles supplied:—

This boiler has been tried under steam

& the safety valve set to the working pressure and is now in good working condition

No action can be taken in this case

James Morrison

The foregoing is a correct description,

Manufacturer.

M 2/7/86

