

REPORT ON MACHINERY.

No. 4523

Received at London Office

FRIDAY 2

JULY 1886

7523

9881 1700

2 JULY 1886

No. in Survey held at

Glasgow

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

Reg. Book.

on the Sailing Ship "County of Rosburgh"

(Number of Visits)

Tons 2121

Master

Built at

Glasgow

By whom built

Barclay Curle & Co.

When built

1886

Engines made at

By whom made

When made

Boilers made at

Glasgow

By whom made

Barclay Curle & Co.

When made

1886

Registered Horse Power

Owners

Crosby

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

9/16"

stayed by

Uptake

Diameter of furnace, top

2' 4"

bottom

3' 2"

length of furnace

5 ft

thickness of plates

9/16"

description of joint

single lap

Thickness of furnace crown plates

9/16"

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

9/16"

thickness of water tubes

9/16"

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.

The foregoing is a correct description,

Manufacturer.

James Morrison
 Clyde District
 2/7/86