

## REPORT ON BOILERS.

No. 602

REC'D NEW YORK

August 29. 1917

Received at London Office TUESDAY 10 SEP 1917

Date of writing Report

24/8

1017

When handed in at Local Office

24/8

1017

Port of

Vancouver

No. in Survey held at

Victoria

Date, First Survey

May 25th

Last Survey

August 6th 1917

Reg. Book.

on the Auxiliary Wood 5 Mast Sloop Esquimaux

(Number of Visits)

4

Tons

Gross 1373.03

Net 1058.24

Master

J. P. Fisher. Built at

Victoria

By whom built

Cameron, Gowan Mills Shipbuilders

When built

1917

Engines made at

Stockholm

By whom made

J. &amp; G. B. Rolander Co.

When made

1916

Boilers made at

Victoria

By whom made

Victoria Machinery Dept. Co.

When made

1917

Registered Horse Power

160 B.H.P. each

Owners

Canada West Coast Navigation Co. Ltd.

Port belonging to

Victoria

MULTITUBULAR BOILERS—MAIN, AUXILIARY OR DONKEY.—Manufacturers of Steel Dalzell &amp; Parkhead

(Letter for record)

Total Heating Surface of Boilers

Is forced draft fitted

No. and Description of

Boilers The Vertical multitubular Working Pressure

130

Tested by hydraulic pressure to

195

Date of test 9.6.17.

No. of Certificate

Can each boiler be worked separately

Area of fire grate in each boiler

22.9

No. and Description of

safety valves to each boiler

2 Spring loaded

Area of each valve

4.9

Pressure to which they are adjusted

130 lbs.

Are they fitted with easing gear

Yes

In case of donkey boilers, state whether steam from main boilers can enter the donkey boiler

Smallest distance between boilers or uptakes and bunkers or woodwork

12"

Mean dia. of boilers

72"

Length

9'-2"

Material of shell plates

Steel

Thickness

9/16"

Range of tensile strength

60,000

Are the shell plates welded or flanged

Descrip. of riveting: cir. seams

Single lap long. seams

Double riveted

Diameter of rivet holes in long. seams

3/16"

Pitch of rivets

3 3/8"

Lap of plates or width of butt straps

8 3/8"

Per centages of strength of longitudinal joint

rivets 80% 2

Working pressure of shell by

rules

142

Size of manhole in shell

nil

Size of compensating ring

nil

No. and Description of Furnaces in each

boiler

one

Material

Steel

Outside diameter

65"

Length of plain part

top

Thickness of plates

crown

bottom

9/16"

Description of longitudinal joint

Double riveted

No. of strengthening rings

—

Working pressure of furnace by the rules

12 1/2

Combustion chamber

plates: Material

Thickness: Sides

Back

Top

Bottom

Pitch of stays to ditto: Sides

Back

Top

If stays are fitted with nuts or riveted heads

Working pressure by rules

Material of stays

Diameter at

smallest part

Area supported by each stay

Working pressure by rules

End plates in steam space: Material

Thickness

Pitch of stays

How are stays secured

Working pressure by rules

Material of stays

Diameter at smallest part

Area supported by each stay

Working pressure by rules

Material of Front plates at bottom

Thickness

Material of

Lower back plate

Thickness

Greatest pitch of stays

Working pressure of plate by rules

Diameter of tubes

Pitch of tubes

Material of tube plates

Thickness: Front

Back

Mean pitch of stays

Pitch across wide

water spaces

Working pressures by rules

Girders to Chamber tops: Material

Depth and thickness of

girder at centre

Length as per rule

Distance apart

Number and pitch of Stays in each

Working pressure by rules

Superheater or Steam chest: how connected to boiler

Can the superheater be shut off and the boiler worked

separately

Diameter

Length

Thickness of shell plates

Material

Description of longitudinal joint

Diam. of rivet

holes

Pitch of rivets

Working pressure of shell by rules

Diameter of flue

Material of flue plates

Thickness

If stiffened with rings

Distance between rings

Working pressure by rules

End plates: Thickness

How stayed

Working pressure of end plates

Area of safety valves to superheater

Are they fitted with easing gear

Victoria Machinery Depot Co., Ltd.

Mr. Houston

The foregoing is a correct description,

Manufacturer.

The

Dates

Survey

while

building

588

GENERAL REMARKS

(State quality of workmanship, opinions as to class, &amp;c.)

This boiler is well built and of good sound material. Is fitted in the forecabin and well secured. All woodwork including the deck well insulated and protected from fire. Is eligible in my opinion to have the notation in the Register Book ELEC Light.

Survey Fee

\$ 15.00

When applied for

Aug-24 1917

Travelling Expenses (if any)

When received

22-10-1917

L. G. Mitchell  
Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

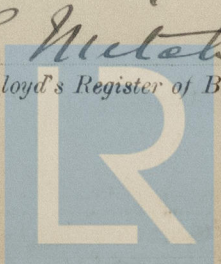
Committee's Minute

TUE 25 SEP 1917

FRI 18 JAN 1918

Assigned

FRI 15 FEB 1918



Lloyd's Register  
Foundation

W1382-0089