

REPORT ON BOILERS.

No. 51471

Date of writing Report

When handed in at Local Office

1 - 5 - 1931

Received at London Office - 6 MAY 1931

Port of Glasgow

No. in Survey held at

Glasgow

Date, First Survey

18. 12. 29

Last Survey

23rd April

1931.

Reg. Book, 1364, on the

M.V. "Opawa"

(Number of Visits 156)

Gross 10107

Tons Net 6068

Master

Built at

Glasgow

By whom built

A. Stephen & Sons Ltd.

When built 1931.

Boilers made at

Liverpool

By whom made

Baker & Wilcox Ltd. Nos 13/14/11-12

When made 1930.

Owners

New Zealand Shipping Co. Ltd.

Port belonging to

Plymouth

See Quarterly Report No. 17158

VERTICAL DONKEY BOILERS

No. 2

Description

Vertical

Manufacturers of steel

on scaffolding at site

Made at

Liverpool

By whom made

Baker & Wilcox Ltd.

When made

1930

Where fixed

on main engine

Working pressure 100 lb

Tested by hydraulic pressure to

Date of test

No. of Certificate

3042

Fire grate area

Description of safety valves

Direct lifting

No. of safety valves

2

Area of each

9.81

Pressure to which they are adjusted

100 lb

If fitted with easing gear

Yes

If steam from main boilers can enter the donkey boiler

Diameter of donkey boiler

Length

Material of shell plates

Thickness

Range of tensile strength

Description of riveting long seams

Diameter of rivet holes

Whether punched or drilled

Pitch of rivets

Lap of plating

Per centage of strength of joint

Rivets

Working pressure of shell by rules

Thickness of shell crown plates

Radius of do.

No. of stays to do.

Diameter of stays

Diameter of furnace—Top

Bottom

Length of furnace

Thickness of furnace side plates

Description of joint

Working pressure of furnace by rules

Thickness of Ogee ring

Working pressure of Ogee ring by rules

Thickness of furnace crown plates

Radius of do.

Stayed by

Diameter of uptake

Thickness of uptake plates

Thickness of tube plates

front

Mean pitch of stay tubes in nest

Pitch in outer vertical rows

Diameter of tube holes

FRONT

stay

BACK

stay

Working pressure of tube plates by rules

Tubes: Material

External diameter

stay

Thickness

stay

No. of threads per inch

Pitch of tubes

Working pressure by rules

Manhole compensation: Size of opening in shell plate

Section of compensating ring

No. of rivets and diameter of rivet holes

Outer row pitch at ends

The foregoing is a correct description,

Manufacturer.

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

Drawing No.

Is the approved plan of boiler forwarded herewith

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c.)

These Boilers have been efficiently secured in position on board the
Safety valves have been adjusted and the boilers examined under steam
and found in order.

Survey Fee ... £ :
Travelling Expenses (if any) £ :
When applied for 19...
When received 19...

Committee's Minute GLASGOW 5 MAY 1931
Assigned SEE ACCOMPANYING MACHINERY REPORT

Geoffrey ... 2020
Engineer Surveyor to Lloyd's Register of Shipping.

Lloyd's Register Foundation
W1153-0214