

REPORT ON BOILERS.

No. 43061

Received at London Office

WFO. 3 OCT. 1923

of writing Report

10

When handed in at Local Office

1. 10. 23 Port of Glasgow.

No. in
Book.

Survey held at Glasgow.

Date, First Survey 6th June

Last Survey 19th Sept

1923.

on the 3 Manoeuvring Air Reservoirs Z 788. for the M.S. Lochmonar

(Number of Visits 7)

Gross 9403

Net 5815

ster

Built at Belfast

By whom built Harland & Wolff Ltd.

ho When built 517.

ster

ster

Annan

By whom made

Cochran & Co Ltd

When made 1921

sters

Royal Mail S.P. Coy

Port belonging to London

MANOEUVRING AIR RESERVOIRS

VERTICAL DONKEY BOILER

No. 3

Description Cyl. dished ends. Manufacturers of steel D.C. Shiller & Sons Ltd

ide at Glasgow

By whom made D.W. Hendersons Ltd

When made 1923

Where fixed Motor room

Working pressure 356.

ted by hydraulic pressure to 412

Date of test 19-9-23

No. of Certificate 16342

Fire grate area

Description of safety valves Spring loaded

No. of safety valves 4

Area of each 4.04 sq ft

Pressure to which they are adjusted 356 lbs

If fitted with easing gear no If steam from main boilers can

ter the donkey boiler

RESERVOIRS

Dia. of donkey boiler 6'-0"

Length 21'-8"

Material of shell plates S.

Thickness 1 3/8"

Range of tensile

length 24 3/4"

Descrip. of riveting long. seams T.R.D. BS.

Dia. of rivet holes 1 3/16"

Whether punched or drilled drilled

Pitch of rivets 8 3/16"

UTSTRAPS

Top of plating 14 1/2"

Per centage of strength of joint

Rivets 91.9

Working pressure of shell by rules 398

Thickness of shell

END. plates 1 3/8"

adius of do. 4'-0"

No. of Stays to do. dished

Dia. of stays

Diameter of furnace Top

Bottom

Length of furnace

Thickness of furnace plates

Description of joint

Working pressure of furnace by rules

Thickness of furnace crown

lates

Radius of do.

Stayed by

Diameter of uptake

Thickness of uptake plates

Thickness of water tubes

The foregoing is a correct description,

For DAVID & WM HENDERSON & CO., LTD.

Manufacturer.

J.D. B. 19/9/23

DIRECTOR

Dates

During progress of

work in shops -

During erection on

board vessel -

Total No. of visits

1923 Jun 6 Jul 2 Aug 2. 16. 20. 29. Sep 19

7

Is the approved plan of boiler forwarded herewith Yes.

GENERAL REMARKS

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

The three air reservoirs have

been constructed under special survey in accordance with the

approved plans. The materials and workmanship are good.

The reservoirs have been shipped to Belfast for fitting on board

the vessel.

Mark on Reservoirs N° Z 788.

N° 16342
 LLOYDS TEST
 412 LBS
 WP 356
 J.D.B. 19/9/23

These Reservoirs are efficiently installed & fixed in the vessel &
 safety valves have been adjusted.

Survey Fee ... £ 6 : 6 : 0

When applied for, 2/10/23

Travelling Expenses (if any) £

When received, 6/10/23

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

TUES. 15 JUL 1924

Committee's Minute

GLASGOW

2-OCT 1923

Assigned

TRANSMIT TO LONDON

See Bel 914720

W1020-0241

Lloyd's Register Foundation