

# AIR RECEIVERS REPORT ON BOILERS.

No. 9174

27 AUG 1924

Received at London Office

t. 5b.

Date of writing Report

When handed in at Local Office

26/8/1924

1924

Port of

Belfast

No. in Survey held at

Belfast

Date, First Survey 14<sup>th</sup> April

Last Survey 20<sup>th</sup> August

1924

Reg. Book.

on the Air Receivers for the M.S. 639 "COMLIEBANK"

(Number of Visits 14)

Gross

Net

Master  
RECEIVERS  
Boilers made at

Belfast.

By whom made

Harland & Wolff Ltd

When built 1924

Owners Messrs Andrew Weir & Co (Bank Line Ltd)

Port belonging to

AIR RECEIVERS.

~~VERTICAL DONKEY BOILER~~

No. Two

Description Horizontal

Manufacturers of steel

D. Colville & Son

at Belfast

By whom made

Harland & Wolff Ltd

When made 1924

Where fixed In the Room

Working pressure 356

by hydraulic pressure to 585

Date of test 13.5.24

No. of Certificate 8

Fire grate area

Description of safety valves SPRING LOADED

of safety valves Two

Area of each 7<sup>sq</sup>

Pressure to which they are adjusted 360 lbs. fitted with easing gear No

If steam from main boilers can

the donkey boiler

Dia. of donkey boiler

6'0<sup>3</sup>/<sub>8</sub>

Length 21-0<sup>5</sup>/<sub>16</sub>

Material of shell plates Steel

Thickness 1<sup>1</sup>/<sub>2</sub>"

Range of tensile

gth 28<sup>3</sup>/<sub>32</sub> lbs

Descrip. of riveting long. seams T.R.D.B.S.

Dia. of rivet holes 1<sup>1</sup>/<sub>4</sub>"

Whether punched or drilled drilled

Pitch of rivets 4<sup>1</sup>/<sub>16</sub>"

of plating 16<sup>5</sup>/<sub>8</sub>"

Per centage of strength of joint

Rivets 98.4

Working pressure of shell by rules 341 lbs.

Thickness of shell plates 1<sup>7</sup>/<sub>32</sub> + 1<sup>9</sup>/<sub>32</sub>

us of do. 4'-0"

No. of Stays to do. None

Dia. of stays

✓

Diameter of furnace Top

Bottom

Length of furnace

Thickness of furnace plates

Description of joint

Working pressure of furnace by rules 360.45 lbs.

Thickness of furnace crown

Radius of do.

Stayed by

Diameter of uptake

Thickness of uptake plates

Thickness of water tubes

The foregoing is a correct description,  
FOR HARLAND AND WOLFF, LIMITED,

Manufacturer.

Felebbeck

During progress of work in shops - - - Apr 14-18 May 1 Jun 3-4-10-16-24-30 July 9-10-23 Aug 13-20.

During erection on board vessel - - -

Total No. of visits

Is the approved plan of boiler forwarded herewith No. Will be

forwarded with 66 H G

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

These Receivers have been built under Special Survey, Materials & workmanship good, hydraulic tests satisfactory. They are being shipped to Glasgow for installation in the vessels.

The receivers have now been fitted on board the above vessel in an efficient manner, examined under air pressure and safety valves adjusted to the above working pressure. Washers A & F 2<sup>3</sup>/<sub>32</sub>"

Survey Fee ... .. £ 8 : 8 : 0

Travelling Expenses (if any) £

When applied for, 26/8/1924

When received, 24/8/1924

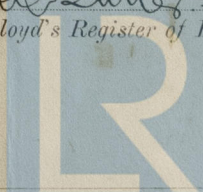
Committee's Minute

GLASGOW

9-DEC 1924

Assigned See Gls. Rpt. No. 44226

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



Lloyd's Register  
Foundation

003124-003130-0106