

# ON AIR RECEIVERS. REPORT ON BOILERS.

No. 8999

MON. 12 NOV. 1923

Received at London Office  
 Date of writing Report 19 When handed in at Local Office 10 11 1923 Port of Belfast  
 No. in Survey held at Belfast Date, First Survey June 13<sup>th</sup> Last Survey 5<sup>th</sup> Nov 1923  
 Reg. Book. on the Air Receivers for M.S. No 642 G. "LUXMI" (Number of Visits 13) Gross 4148  
 Tons Net 2537  
 Master Receivers Belfast Built at Glasgow By whom built Harland & Wolff Ltd When built 1924  
 By whom made Harland & Wolff Ltd. When made 1923.  
 Owners Andrew Weir & Co Ltd. Port belonging to

## AIR RECEIVERS.

~~VERTICAL DONKEY BOILER~~ No. Two Description Horizontal Manufacturers of steel Dechille & Sons Ltd  
 Made at Belfast. By whom made Harland & Wolff Ltd When made 1923 Where fixed Engine Room Working pressure 356 lbs  
 tested by hydraulic pressure to 585 lbs Date of test 5-11-23 No. of Certificate 1 Fire grate area Description of safety valves Spring loaded.  
 No. of safety valves / DOUBLE Area of each 7<sup>0</sup> Pressure to which they are adjusted 360 lbs / sq fitted with easing gear No H steam from main boilers can  
 enter the donkey boiler Dia. of RECEIVERS 6'-0<sup>3</sup>/<sub>8</sub>" Length 21'-0<sup>13</sup>/<sub>16</sub>" Material of shell plates Steel Thickness 1<sup>1</sup>/<sub>32</sub>" Range of tensile  
 strength 24-32<sup>two</sup> Descrip. of riveting long. seams T.R.D.P.S. Dia. of rivet holes 1<sup>1</sup>/<sub>8</sub>" Whether punched or drilled drilled Pitch of rivets 4<sup>13</sup>/<sub>16</sub>"  
 WIDTH OF BUTT 16<sup>5</sup>/<sub>8</sub>" Rivets 98.8 Per centage of strength of joint Plates 85.5 Working pressure of shell by rules 360 lbs Thickness of shell end plates 1<sup>13</sup>/<sub>32</sub> + 1<sup>1</sup>/<sub>32</sub>"  
 STRAPS Radius 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 354.5 lbs Thickness of furnace crown  
 plates Radius of do. Stayed by Diameter of uptake Thickness of uptake plates  
 Thickness of water tubes

The foregoing is a correct description,

FOR HARLAND &amp; WOLFF LTD

J. E. Lebeck

Manufacturer.

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

Is the approved plan of boiler forwarded herewith Will be sent on  
 Completion of order.

## GENERAL REMARKS

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

These Air Receivers have  
 been built under Special Survey, Materials & Workmanship good.  
 Hydraulic tests satisfactory.  
 They are being shipped to Glasgow for installation in the vessel.

These air receivers have now been fitted on board the above vessel and  
 safety valves adjusted to 360 lbs/sq. Washers For 3/4" APT 2 1/2".

Survey Fee ... £ 8 : 8 0 When applied for, 9. 11 1923

Travelling Expenses (if any) £ : : When received, 8. 11 1924

Lon Ltr. MMSA.

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

Committee's Minute

GLASGOW - 1 APR 1924

Assigned See accompanying Mach. Report.

004364-004368-0372

Lloyd's Register  
Foundation