

# REPORT ON AIR RECEIVERS. BOILERS.

No. 43829.

Received at London Office - 20 OCT 1924

of writing Report 26<sup>th</sup> Sept. 1924 When handed in at Local Office 26<sup>th</sup> Sept. 1924 Port of Glasgow

No. in Survey held at Glasgow Date, First Survey 12. 10. 1923 Last Survey 27. 6. 1924

7. Book. 750 on the Three Air Receivers No. Z 993 for M.V. "ASUKA MARU"

ster Built at Glasgow By whom built D.W. Henderson & Co. Ltd. When built 1924

ivers Glasgow By whom made D.W. Henderson Ltd. When made 1924

ers Rippin Josen H. H. Port belonging to Tokio

## STARTING AIR RECEIVERS.

~~TRICAL DONKEY BOILER~~ No. Three Description Cylindrical Manufacturers of steel D. Colville Sons Ltd.

le at Glasgow By whom made D.W. Henderson & Co. Ltd. When made 1924 Where fixed Engine room Working pressure 356 lbs/sq

d by hydraulic pressure to 585 lbs/sq Date of test 27. 6. 24 No. of Certificate 6543 Fire grate area — Description of safety valves Spring loaded.

of safety valves 2 Area of each 7 sq Pressure to which they are adjusted 356 lbs/sq fitted with easing gear No If steam from main boilers can

r the donkey boiler — Dia. of donkey boiler 6'-0 3/8" Length 21'-0 3/8" Material of shell plates Steel Thickness 1 3/32" Range of tensile

ngth 27/32" Descrip. of riveting long. seams T.R.D.B.S. Dia. of rivet holes 1 1/8" Whether punched or drilled drilled Pitch of rivets 7 13/16"

of BUTT STRAP 16 5/8" Per centage of strength of joint Rivets 98.3 Working pressure of shell by rules 360 lbs/sq Thickness of shell crown plates 1 17/32"

ius of do. 48" No. of Stays to do. None Plates 85.5 Comb. 90.9 358 lbs/sq Diameter of furnace Top — Bottom — Length of furnace —

ickness of furnace plates — Description of joint — Working pressure of furnace by rules — Thickness of furnace crown

es — Radius of do. — Stayed by — Diameter of uptake — Thickness of uptake plates —

ickness of water tubes —

The foregoing is a correct description,

For DAVID & Wm HENDERSON & CO., LTD. Manufacturer.  
J. J. Paterson DIRECTOR

Dates During progress of 1923 Oct 12 Nov 14 22 Dec 19 1924 Jan 9 Feb 6 28 Apr 1 May 22 Jun 20 27

Survey During erection on board vessel —

ilding Total No. of visits 11

Is the approved plan of boiler forwarded herewith Copy herewith.

## GENERAL REMARKS

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

These receivers have been constructed under Special Survey in accordance with the Rules and Approved Plan; the materials and workmanship are good.

The receivers are to be fitted on board the vessel at Glasgow.

The receivers have now been fitted on board the above vessel in an efficient manner and safety valves adjusted to 356 lbs/sq Working P 3 1/4" 5 23/32".

Survey Fee ... £ 9 : 9 : 0 When applied for, 9. 7. 19 24.

Travelling Expenses (if any) £ — : — : — When received, 5. 9. 19 24.

R. B. Forster, J. S. Cairns  
Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute  
Assigned

GLASGOW

1-OCT 1924

TRANSMIT TO LONDON

See G.S. Rpt. No. 441142