

REPORT ON BOILERS.

No. 41549

Date of writing Report 28. 11. 1921 When handed in at Local Office 28. 11. 1921 Port of Glasgow Received at London Office WED. 30 NOV. 1921

No. in Survey held at Copatbridge Date, First Survey 24. 3. 1921 Last Survey 23. 11. 1921

Reg. Book. on the H. P. Air Receivers. M/V. MARGRETIAN (Number of Visits 5.) Gross
Tons }
Net

Master Wm & Wm Williams Built at Bristol By whom built Wm Ch Hudson When built 1923

Receivers Wm & Wm Williams Boilers made at Copatbridge By whom made Thomas Hudson Ltd When made 1921.

Owners Wm & Wm Williams Port belonging to London

H.P. AIR RECEIVERS

~~VERTICAL DONKEY BOILER~~ No. 2. Description Manufacturers of steel Wm Beardmore 16°

Made at Copatbridge By whom made Thos. Hudson Ltd When made 1921. Where fixed Working pressure 500.

tested by hydraulic pressure to 700 Date of test 23. 11. 21. No. of Certificate 15960 Fire grate area Description of safety valves

No. of safety valves Area of each Pressure to which they are adjusted If fitted with easing gear If steam from main boilers can enter the donkey boiler

Dia. of donkey boiler Receiver. 3. 0 1/8 Length 6. 11 Material of shell plates Steel Thickness 13/16 Range of tensile strength 28 T. Descrip. of riveting long. seams D.R. D.B.S. Dia. of rivet holes 1 1/8 Whether punched or drilled Drilled Pitch of rivets 4 1/16

Lap of plating Per centage of strength of joint Rivets 89.6
Plates 74.6 Working pressure of shell by rules 506. Thickness of shell crown plates

Radius of do. No. of Stays to do. 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 plates

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

Thickness of water tubes

The foregoing is a correct description,
for **THOMAS HUDSON, LTD** *Wm Hudson* Manufacturer.

Dates of Survey while building { During progress of work in shops - - } 1921 Mar 24 Aug 30 Sep 14 Nov 11. 23

{ During erection on board vessel - - }

Total No. of visits 5. Is the approved plan of boiler forwarded herewith

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c.) These Receivers have been built under Special Survey in accordance with the Approved Plan & Rules of the Society. The materials and Workmanship are good. The Receivers are to the Order of Messrs Wm Beardmore 16° Ltd Copatbridge and are intended for their Oil Engine No. 2101.

Survey Fee £ 8 : 8 : } When applied for, 29. 11. 19. 21

Travelling Expenses (if any) £ : : } When received, 12. 1. 19. 22

John Barr.
Engineer Surveyor to Lloyd's Register of Shipping.

GLASGOW 29 NOV 1921
TRANSMIT TO LONDON

Committee's Minute
Assigned

