

REPORT ON BOILERS.

No. 42799

Received at London Office

Date of writing Report 8th June 1923 When handed in at Local Office 11.6.23 Port of Glasgow WED. JUN 20 1923

No. in Survey held at Glasgow Date, First Survey 16th Sept 1920 Last Survey 4th June 1923

Page Book. 163 (Number of Visits 163) Gross Tons Net

on the Air Reservoir for starting Eng. Mr. V. Dalgonan

Master Built at Glasgow By whom built A. Stephen When built 1923

Boilers made at ✓ By whom made ✓ When made 1923

Owners British Indian S. Co. Port belonging to Glasgow

Air Reservoir for starting Engine
VERTICAL DONKEY BOILER No. ✓ Description ✓ Manufacturers of steel approved on 23.5.23

Made at ✓ By whom made ✓ When made ✓ Where fixed ✓ Working pressure 200

Tested by hydraulic pressure to 350 Date of test ✓ No. of Certificate ✓ Fire grate area ✓ Description of safety valves Spring loaded

No. of safety valves one Area of each 1.76 Pressure to which they are adjusted 200 lb If fitted with easing gear no If steam from main boilers can enter the donkey boiler ✓

Dia. of donkey boiler 2' 6" Length 12' 8 3/4" Material of shell plates S Thickness 19/32 Range of tensile strength ✓

Descrip. of riveting long. seams D.R.A.B.S. Dia. of rivet holes 13/16" Whether punched or drilled D. Pitch of rivets 3 5/8

Per centage of strength of joint 74.5 Working pressure of shell by rules 427 Thickness of shell ends 14/16"

Dia. of do. 2' 6" 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 221 Thickness of furnace crown ✓

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

Thickness of water tubes ✓

FOR ALEXANDER STEPHEN & SONS, LIMITED. Manufacturer. J.M. W. Wood Director.

Dates of Survey while building See accompanying machinery report

During progress of work in shops - -

During erection on board vessel - -

Total No. of visits 163

Is the approved plan of boiler forwarded herewith Yes.

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c.) The Reservoir has been built under special survey and in accordance with the approved plan and rules, the materials and workmanship are good.

The receiver has been satisfactorily fitted on board the above vessel. See Gls report N^o 42499.

Survey Fee £ 2 : 2 : } When applied for, 14.6.23

Travelling Expenses (if any) £ : : } When received, 3.8.23

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

Committee's Minute GLASGOW 19 JUN 1923

Assigned See accompanying mach^y report

W313-0164

