

REPORT ON BOILERS.

No. 36426
WED. FEB. 28. 1917

Received at London Office

of writing Report 191 When handed in at Local Office 191 Port of Glasgow

o. in Survey held at Glasgow Date, First Survey Last Survey 16-2-1917

tion of Book. on the T.S.S. Boxleaf (Number of Visits) Gross Tons } Net.

ter Built at Glasgow By whom built Barclay Curle & Co. Ltd. (539) When built 1917

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lates ers made at Glasgow By whom made Barclay Curle & Co. Ltd. (539) When made

istered Horse Power Owners Port belonging to

MULTITUBULAR BOILERS ~~MAIN, AUXILIARY OR DONKEY~~ Manufacturers of Steel The Steel Coy of Scotland & Edinburgh & Gt. Yms.

ter for record (S) Total Heating Surface of Boilers 1528⁷ Is forced draft fitted yes No. and Description of Boilers 1 single ended

Working Pressure 215 Tested by hydraulic pressure to 430 Date of test 24/2/16

of Certificate 13366 Can each boiler be worked separately Area of fire grate in each boiler 37⁵ No. and Description of valves to each boiler 1 pair direct spring Area of each valve 5.94 Pressure to which they are adjusted 220

they fitted with easing gear yes In case of donkey boilers, state whether steam from main boilers can enter the donkey boiler

allest distance between boilers or uptakes and bunkers or woodwork 18" Mean dia. of boilers 12.0 Length 11-0

erial of shell plates steel Thickness 1 7/16" Range of tensile strength 28 to 38 Are the shell plates welded or flanged no

rip. of riveting: cir. seams double lap long. seams triple butt Diameter of rivet holes in long. seams 1 1/4" Pitch of rivets 8 3/4"

of plates or width of butt straps 19 1/4" Per centages of strength of longitudinal joint rivets 87.4 Working pressure of shell by plate 84.8

es 246 Size of manhole in shell 16" x 12" Size of compensating ring 10 1/2" x 1 1/2" No. and Description of Furnaces in each boiler 2 Monsons Material steel Outside diameter 3-9 1/4" Length of plain part top Thickness of plates crown 31 bottom 32

cription of longitudinal joint welded No. of strengthening rings Working pressure of furnace by the rules 236 Combustion chamber

Material steel Thickness: Sides 21" Back 21" Top 21" Bottom 1 Pitch of stays to ditto: Sides 7 3/4" x 8 1/4" Back 7 3/4" x 8 1/4"

31/7 7 3/4" x 8 1/4" stays are fitted with nuts or riveted heads nuts Working pressure by rules 232 Material of stays steel Diameter at

11/11 1-73 Area supported by each stay 63.9 Working pressure by rules 216 End plates in steam space: Material steel Thickness 1 3/16"

17 16 x 16 1/2 How are stays secured 2 nuts Working pressure by rules 229 Material of stays steel Diameter at smallest part 6.67

supported by each stay 264 Working pressure by rules 262 Material of Front plates at bottom steel Thickness 31" Material of

er back plate steel Thickness 20 1/2" Greatest pitch of stays 14 1/4" Working pressure of plate by rules 216 Diameter of tubes 2 1/2"

ch of tubes 3 3/4" x 3 5/8" Material of tube plates steel Thickness: Front 31" Back 13" Mean pitch of stays 7 3/8" Pitch across wide

er spaces 13 1/2" Working pressures by rules 224 Girders to Chamber tops: Material steel Depth and thickness of

der at centre 11 x 3 1/2" double Length as per rule 2-6 2/32 Distance apart 8 1/4" Number and pitch of Stays in each (3) 7 3/4"

Working pressure by rules 290 Superheater or Steam chest: how connected to boiler none Can the superheater be shut off and the boiler worked

Material	Diameter	Length	Thickness of shell plates	Material	Description of longitudinal joint	Diam. of rivet

es Pitch of rivets Working pressure of shell by rules Diameter of flue Material of flue plates Thickness

stiffened with rings Distance between rings Working pressure by rules End plates: Thickness How stayed

Working pressure of end plates Area of safety valves to superheater Are they fitted with easing gear

FOR BARCLAY, CURLE & CO., LTD. The foregoing is a correct description, Manufacturer.

Archibald Jellicoe Director.

Is the approved plan of boiler forwarded herewith yes

Total No. of visits

During progress of work in shops - - - See attached reports

During erection on board vessel - - -

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c.) This boiler has been built under special survey, the materials & workmanship are of good description

Survey Fee ... £ : : When applied for, 191

Travelling Expenses (if any) £ : : When received, 191

Committee's Minute **GLASGOW 27 FEB. 1917**

Assigned See accompanying report.

A. McKeand 2021
Engineer Surveyor to Lloyd's Register of Shipping.

TUE. SEP. 25 1917. FRI. 11. OCT. 1918
TUE. NOV. 13 1917. FRI. 3. JAN. 1919
TUE. 28. MAY. 1918
WED. 7. AUG. 1918

Lloyd's Register Foundation

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