

Rpt. 5e.

REPORT ON BOILERS.

No. 46958.
24 AUG 1927

Date of writing Report 20-8-27 When handed in at Local Office 20-8-27 Port of Glasgow
 No. in Survey held at Annan Date, First Survey 24-6-27 Last Survey 19 August 1927
 Reg. Book. 40009 on the BOILER No. 10520. M. V. Belmoura (Number of Visits 8) Tons Gross Net
 Master Built at Alnwick By whom built Armstrong Whitworth When built 1928
 Boilers made at Annan By whom made Cochran & Co. Annan Ld. When made 1927.
 Owners A. J. Rederick Belmoura Port belonging to Oslo

VERTICAL DONKEY BOILER— No. One Description Vertical Manufacturers of steel D. Colville & Co. Ltd.
 Made at Annan By whom made Cochran & Co. Annan Ld. When made 1927 Where fixed Engine Room Working pressure 150 lbs.
 tested by hydraulic pressure to 275 lbs. Date of test 19/8/27 No. of Certificate 17538 Fire grate area 18.7 sq. ft. Description of safety valves Direct spring
 No. of safety valves 2 Area of each 3.14 sq. ft. Pressure to which they are adjusted 150 lbs. If fitted with easing gear Yes If steam from main boilers can
 enter the donkey boiler ✓ Diameter of donkey boiler 6'0" Length 15'9" Material of shell plates Steel Thickness 19/32" & 11/16"
 Range of tensile strength 28/32 tons Description of riveting long. seams Double Diameter of rivet holes 3/32" Whether punched or
 drilled Drilled Pitch of rivets 2.9107, 3.116, 2.854 Lap of plating 4 3/4" Per centage of strength of joint Rivets 70.1 Plates 66.0 Working pressure of shell by
 rules 150.5 lbs. Thickness of shell crown plates 9/16" & 1" Radius of do. 3'0" No. of stays to do. none Diameter of stays — Diameter of
 furnace—Top Hemisphere Bottom 5'0" Length of furnace — Thickness of furnace side plates 5/8" Description of joint Seamless Working
 pressure of furnace by rules 174 lbs. Thickness of Ogee ring 1" Working pressure of Ogee ring by rules 155.8 lbs. Thickness of furnace
 crown plates 5/8" Radius of do. 2'6" Stayed by radius Diameter of uptake 15" x 18" Thickness of uptake
 plates 9/16" Thickness of tube plates front 1 1/2" back 1 1/2" Mean pitch of stay tubes in nest 10 5/16" Stay 11" Pitch in outer vertical rows 7 1/2"
 Diameter of tube holes FRONT stay 2 1/2" BACK stay 2 1/2" Working pressure of tube plates by rules 152.5, 153. Tubes: Material Iron
 External diameter stay 2 1/2" plain 2 1/2" Thickness stay 1 1/2" plain 1 1/2" No. of threads per inch 9 Pitch of tubes 3 3/8" x 3 3/4"
 Working pressure by rules 147.5 lbs. Manhole compensation: Size of opening in shell plate 16" x 12" Section of compensating
 ring 6" x 15/16" No. of rivets and diameter of rivet holes 36 of 7/8" Outer row pitch at ends 3 3/4"

The foregoing is a correct description,

For COCHRAN & CO., ANNAN, LIMITED.

Manufacturer.

Walter Deather
Drawing No. 15774

Works Manager.

Dates of Survey while building
 During progress of work in shops— 1927 June 24-28 July 8-12-27 Aug. 2-9-19.
 During erection on board vessel —
 Total No. of visits 8

Copy of
 Is the approved plan of boiler forwarded herewith *Yes*

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c.)

This boiler has been built under Special Survey in accordance with the Rules and the approved plan. The workmanship and materials are good.

It has been forwarded to Newcastle to be fitted on board the vessel No. 66 building by Messrs. Armstrong Whitworth & Co.

Survey Fee ... £ 4. 4.

Travelling Expenses (if any) £ :

When applied for 19.

When received 19.

MONTHLY ACCOUNT

A. Campbell

Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute GLASGOW 23 AUG 1927

Assigned

TRANSMIT TO LONDON

FRI 2 MAR 1928

See NWC 2641 No. 82383

Lloyd's Register
Foundation

W341-0027