

REPORT ON BOILERS.

No. 41076.

WED. 4 MAY. 1921

Received at London Office

Date of writing Report 2 May 1921 When handed in at Local Office 2.5.1921 Port of Glasgow
 No. in Survey held at Annan Date, First Survey 25th Feb Last Survey 29th April 1921
 Reg. Book. on the Donkey Balloon 8470. (M/S "LOCHGOIL") (Number of Visits 10) Gross 9462 Tons Net 5873
 Master Glenoet Built at Glenoet By whom built Harland & Wolff 10516 When built 1921
 Boilers made at Annan By whom made Cochran & Co. Annan Ltd. When made 1921
 Owners Royal Mail S. Pk. Co Ltd. Port belonging to London

VERTICAL DONKEY BOILER— No. 8470 Description Cochran Manufacturers of steel David Colville & Sons
 Made at Annan By whom made Cochran & Co When made 1921 Where fixed ENGINE ROOM Working pressure 100
 tested by hydraulic pressure to 200 Date of test 29/4/21 No. of Certificate 15805 Fire grate area 18.7 Description of safety valves SPRING LOADED
 No. of safety valves 1 DOUBLE Area of each 4.9 Pressure to which they are adjusted 103 LBS If fitted with easing gear YES If steam from main boilers can enter the donkey boiler ✓ Dia. of donkey boiler 6'-0" Length 13'-6" Material of shell plates Steel Thickness 5/32 Range of tensile strength 28/32 Descrip. of riveting long. seams Lap. S.R. Dia. of rivet holes 27/32 Whether punched or drilled drilled Pitch of rivets 2 1/2"
 Lap of plating 4 1/2" Per centage of strength of joint Rivets 72.7 Working pressure of shell by rules 105 Thickness of shell crown plates 13/16 7/16
 Plates 675 Radius of do. 36 ins No. of Stays to do. none Dia. of stays ✓ Diameter of furnace Top Radius 60 ins Bottom 60 ins Length of furnace 40 1/16 ins
 Thickness of furnace plates 13/16 1/2 Description of joint Reveled Ring Working pressure of furnace by rules 100.9 Thickness of furnace crown plates 1/2 Radius of do. 30 inches Stayed by Hemisphere Diameter of uptake 13" x 19 1/2" Thickness of uptake plates 9/16
 Thickness of water tube plates 7 25/32 13 21/32
 The foregoing is a correct description.
 For COCHRAN & CO., ANNAN, LIMITED Manufacturer.

Dates of Survey while building { During progress of work in shops - { 1921 Feb 25 Mar 4 11. 18. 23 Ap. 1. 8. 15. 22. 29
 { During erection on board vessel - {
 Total No. of visits 10 Drawing No 11799
 Is the approved plan of boiler forwarded herewith Yes

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

The Galn has been built under special survey.
 The workmanship & materials are good

This Boiler has been fitted on board in a satisfactory manner, tried under steam and found efficient. The safety valves have been adjusted under steam to the above working pressure. Thickness of washers Sv. 19/32 Pv 19/32.

Survey Fee ... £ 4 : 4 : } When applied for, ... 10
 Travelling Expenses (if any) £ : : } When received, ... 10

John W. Hegor & Wm. Ginnick.
 Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute GLASGOW 3-MAY 1921
 Assigned TRANSMIT TO LONDON

GLASGOW 19 DEC 1922
 See Glasgow Report No. 42371
 Lloyd's Register
 TUE. 16 JAN. 1923
 W165-0200