

# REPORT ON BOILERS.

No. 41076.

WED. 4 MAY. 1921

Received at London Office

Date of writing Report 2<sup>nd</sup> May 1921 When handed in at Local Office 2.5.1921 Port of Glasgow  
 No. in Survey held at Annan Date, First Survey 25<sup>th</sup> Feb Last Survey 29<sup>th</sup> April 1921  
 Rtg. Book. on the Donkey Balun No 8470 (M/S "LOCHGOIL") (Number of Visits 10) Tons { Gross 9462 Net 5873  
 Master Glenoet Built at Glenoet By whom built Harland Wolff No 516 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 / DOUBLE Area of each 4.9 Pressure to which they are adjusted 103 LBS/2 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 2.5  
 Lap of plating 4/8 Per centage of strength of joint Rivets 72.7 Working pressure of shell by rules 105 Thickness of shell crown plates 13/16 Plates 6/16  
 Radius of do. 36 ins No. of Stays to do. none Dia. of stays ✓ Diameter of furnace Top Radius Bottom 60 ins Length of furnace 40 1/16 ins  
 Thickness of furnace plates 13/16 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 Apr. 1. 8. 15. 22. 29  
 { During erection on board vessel - - - Drawing No 11799. ✓  
 Total No. of visits 10 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 ... .. £ H : 4 } When applied for, ..... 10  
 Travelling Expenses (if any) £ : : } When received, ..... 10  
 COMMITTEE'S MINUTE GLASGOW 3-MAY 1921  
 Assigned TRANSMIT TO LONDON  
 See Glasgow Report No. 42371  
 Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.  
**GLASGOW 19 DEC 1922**  
 Lloyd's Register Foundation  
 TUE. 16 JAN. 1923  
 W165-0200