

REPORT ON BOILERS.

No. 43396

5b.

Received at London Office
 Date of writing Report 22nd Feb 1924 When handed in at Local Office 23rd Feb 1924 Port of Glasgow
 Date, First Survey 7 Last Survey 22.2.1924
 No. in Reg. Book 5116 Survey held at Annan
 (Number of Visits 1) Gross 629 Tons Net 279
 Master Boilers made at Annan
 Owners Keith, Hull Hamburg Ste. Packet Co. Ltd (J. Currie & Co.) Port belonging to Newcastle
 By whom built Smith's Dock Co. Ltd. When made 1924
 Built at Middlesbrough By whom made Cochran & Co. Ltd. (J. Currie & Co.)
 Manufacturers of steel D. Colville & Sons Ltd.
VERTICAL DONKEY BOILER No. One Description Cochran
 Made at Annan By whom made Cochran & Co. Ltd. When made 1924 Where fixed Stk. hold Working pressure 100 lbs/sq. in.
 tested by hydraulic pressure to 200 lbs/sq. in. Date of test 22.2.24 No. of Certificate 6437 Fire grate area 18.7 sq. ft. Description of safety valves double spring loaded
 No. of safety valves 2 Area of each 3.14 Pressure to which they are adjusted 105 If fitted with easing gear Yes If steam from main boilers can enter the donkey boiler No Dia. of donkey boiler 6'-0" Length 12'-6" Material of shell plates steel Thickness 7/16" Range of tensile 2.67"
 strength 28/32 Descrip. of riveting long. seams DR Lap Dia. of rivet holes 25/32 Whether punched or drilled drilled Pitch of rivets 2.69"
 Lap of plating 3/8 Per centage of strength of joint Rivets 65.5 Working pressure of shell by rules 105 lbs/sq. in. Thickness of shell crown plates 32/16
 Radius of do. 3'-0" No. of Stays to do. None Dia. of stays - Diameter of furnace Top Hemisphere Bottom 5'-0" Length of furnace 2'-7 3/16"
 Thickness of furnace plates 13/16 Description of joint Seamless or Ogee Ring Working pressure of furnace by rules 137 lbs/sq. in. Thickness of furnace crown plates 9/16
 plates 1/2 Radius of do. 2'-6" Stayed by Hemisphere Diameter of uptake 13x19 1/2 Thickness of uptake plates 9/16
 Thickness of water tube plates 25/32 F. 21/32

The foregoing is a correct description,
 FOR COCHRAN & CO., ANNAN, LIMITED
 Thomas Walter Manufacturer.

4/3/24

Drawing No. 12712

Dates of Survey while building
 During progress of work in shops - 1924 Feb 22
 During erection on board vessel -
 Total No. of visits 1

Is the approved plan of boiler forwarded herewith Yes

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c.) This boiler, which has not been built under Special Survey, has been examined throughout, and the scantlings checked and found in accordance with the plan; the materials have been tested by the Society's Surveyors, and the marks on plates verified with the certificates; the boiler has been tested by hydraulic pressure to 200 lbs/sq. in. with satisfactory results; workmanship good.
 This boiler is a duplicate of the boiler No. 9158, Glasgow Report No. 43309, and is to the order of Messrs. J. Bran Somerville Ltd., Leith

Annual Survey Request

This boiler has been securely fitted on board and proved satisfactory under steam

A. T. T.

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

MONTHLY ACCOUNT

A. B. Forder
 Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute
 Assigned

GLASGOW 26 FEB 1924
 TRANSMIT TO LONDON

TUE. APR 1 1924

009522-009526-0224
 Lloyd's Register Foundation