

REPORT ON BOILERS.

No. 43439

WFD. 12 MAR. 1924

Received at London Office

of writing Report 7th March 1924 When handed in at Local Office 8th March 1924 Port of Glasgow Göteborg
No. in Survey held at Annan & Göteborg Date, First Survey 7.12.1923 Last Survey 7.3.1924
Book. 823 on the Boiler N^o 9269 Steel Twin Motorship "CITY OF SAN FRANCISCO" (Number of Visits 8) Gross 3644
Tons Net 2594
Built at Göteborg By whom built Årtiedslaget Göteborg (N^o 377) When built 1924
Made at Annan By whom made Cochran & Co., Annan Ltd. (N^o 9269) When made 1924
Port belonging to Panama

VERTICAL DONKEY BOILER No. One Description Cochran Manufacturers of steel Robb & Sons, Ltd.
Made at Annan By whom made Cochran & Co., Annan Ltd. When made 1924 Where fixed Engine room Working pressure 100 lbs./sq. in.
Tested by hydraulic pressure to 200 lbs./sq. in. Date of test 7.3.24 No. of Certificate 6451 Fire grate area 16.75 sq. ft. Description of safety valves Spring loaded
No. of safety valves 2 Area of each 3.14 sq. in. Pressure to which they are adjusted 102 lbs./sq. in. If fitted with easing gear Yes If steam from main boilers can
be used for the donkey boiler Yes Dia. of donkey boiler 5'-6" Length 14'-0" Material of shell plates Steel Thickness 7/16" + 1/2" Range of tensile
strength 28 tons Descrip. of riveting long. seams D.R. Lap Dia. of rivet holes 25/32" Whether punched or drilled drilled Pitch of rivets 2 1/2"
of plating 3/8" Per centage of strength of joint Rivets 66.6 Working pressure of shell by rules 117 lbs./sq. in. Thickness of shell crown plates 13/32" + 1/16"
Radius of do. 2'-9" No. of Stays to do. None Dia. of stays - Diameter of furnace Top Hemisphere Bottom 4'-9" Length of furnace 2'-6 5/8"
Thickness of furnace plates 1/2" Description of joint Reamers & Age Ring Working pressure of furnace by rules 145 lbs./sq. in. Thickness of furnace crown
plates 1/2" Radius of do. 2'-4 1/2" Stayed by Hemisphere Diameter of uptake 13" x 19 1/2" Thickness of uptake plates 1/2"
Thickness of water tube plates 23/32" F.
19/32" B.

The foregoing is a correct description,
FOR COCHRAN & CO., ANNAN, LIMITED Manufacturer.
W. O. Gray.

Dates { During progress of work in shops - } 1923 Dec 7, 14 1924 Jan 11, 18 Feb 1, 8, 15 Mar 7
Survey { During erection on board vessel - } 1924 July 19 Aug 20
Building { Total No. of visits 8 2 } Drawing N^o 13509
Is the approved plan of boiler forwarded herewith Yes.

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c.) This boiler has been constructed under special survey in accordance with the Rules and approved plan; the materials and workmanship are good.
This boiler is a duplicate of boiler N^o 8859, Glasgow Report N^o 41821, except in respect of the deep ashpit for oil firing and position of manhole.

Annual Survey Request.

This donkey boiler has been fitted on board this vessel under my inspection and to my satisfaction.

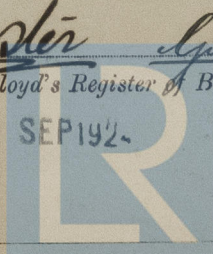
Survey Fee ... £ 4 : 4 : When applied for, 19
Travelling Expenses (if any) £ : : When received 19

MONTHLY ACCOUNT

Committee's Minute **GLASGOW 11 MAR. 1924**
Assigned **TRANSMIT TO LONDON**

R. B. Forster L. Mander
Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

FRI, 19 SEP 1924



Lloyd's Register
Foundation