Rpt. 5b.

Sld. No. 28888

Gls. No. 43710

REPORT ON BOILERS.

Received at London Office WED. JUN. 4 1924

Date of writing Report 31st May 1924 When handed in at Local Office 31st May 1924 Port of Glasgow Sld. 6th August, 1924

No. in Reg. Book. Survey held at Annan Date, First Survey 25.5.1923 Last Survey 30.5.1924

on the Cochran Boiler No. 9206 S/S "MATCHING" (Number of Visits 10) Tons Gross 1321 Net 715

Master Built at Sunderland By whom built J. Crown & Sons Ltd. (No. 175). When built 1924

Boilers made at Annan By whom made Cochran & Co., Annan Ld. When made 1924

Owners Stephenson Clarke & Co. Port belonging to London

VERTICAL DONKEY BOILER— No. One Description Cochran Manufacturers of steel D. Colville & Sons Ld.

Made at Annan By whom made Cochran & Co., Annan Ld. When made 1924 Where fixed Hatchehold **Working pressure** 100 lbs./□"

tested by hydraulic pressure to 200 lbs./□" Date of test 30.5.24 No. of Certificate 16516 Fire grate area 22.5 ft² Description of safety valves direct spring

No. of safety valves two Area of each 4.91 □" 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'-6" Length 14'-0" Material of shell plates Steel Thickness 15/32" & 19/32" Range of tensile

strength 28/32 tons/□" Descrip. of riveting long. seams D.R. Lap Dia. of rivet holes 27/32" Whether punched or drilled drilled Pitch of rivets 2.663" 2 4/16" 2 13/16"

Lap of plating 4¼" Per centage of strength of joint Rivets 69.75 Plates 68.2 Working pressure of shell by rules 110 lbs./□" Thickness of shell crown plates 13/32" & 27/32"

Radius of do. 3'-3" No. of Stays to do. none Dia. of stays — Diameter of furnace Top Hemisphere Bottom 5'-6" Length of furnace 2'-10¼"

Thickness of furnace plates ½" " " Ogee Ring " 27/32" Description of joint Seamless & Ogee Ring Working pressure of furnace by rules 125 lbs./□" " " Ogee Ring " " 101 lbs./□" Thickness of furnace crown

plates ½" Radius of do. 2'-9" Stayed by Hemisphere Diameter of uptake 15"×23" Thickness of uptake plates 9/16"

Thickness of ~~water~~ tube plates 13/16" F. 23/32" B

The foregoing is a correct description,

For COCHRAN & CO., ANNAN, LIMITED

Thomas Walley. Manufacturer.

Dates of Survey while building — During progress of work in shops: 1923 May 25 Jun 15 29 Jul 27 Aug 3.10.24 Oct 17 1924 May 23.30

During erection on board vessel

Total No. of visits 10

Drawing No. 12716

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.

Annual Survey Request.

SUNDERLAND (8-8-24) The boiler has been satisfactorily fixed in the vessel and its safety valves adjusted under steam.

Survey Fee ... ... £ 4 : 4 : 0 When applied for, ... 19.....

Travelling Expenses (if any) £ : : When received, ... 19.....

MONTHLY ACCOUNT

A.G. Forster. S.C. Davis

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

Committee's Minute GLASGOW -3 JUN 1924

Assigned TRANSMIT TO LONDON

FRI 15 AUG 1924

See Sld 28888

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002269-002278-0165