

25 OCT 1924

Shd. No. 28940

REPORT ON BOILERS.

Shs No. 43834.

Received at London Office WED JUL 16 1924

Date of writing Report 11. 7. 24 When handed in at Local Office 11. 7. 24 Port of Glasgow.

No. in Survey held at Annan Date, First Survey 2nd May Last Survey 11. July 1924

Reg. Book. Cochran Boiler No. 9354 M.V. "WEST MOOR" (Number of Visits 11) Tons { Gross 4369 Net 2646

Master Moore Line Ltd Built at Sunderland By whom built W. Dnyford Sons When built 1924

Boilers made at Annan By whom made Cochran & Co. Annan L^d When made 1924.

Owners Moore Line Ltd Port belonging to London

VERTICAL DONKEY BOILER— No. 9354 Description Cochran Type Manufacturers of steel D. Cowill Sons

Made at Annan By whom made Cochran & Co. Annan L^d When made 1924 Where fixed ENG. ROOM Working pressure 120 lbs.

tested by hydraulic pressure to 230 lbs Date of test 11/7/24 No. of Certificate 6553 Fire grate area 11.5 Description of safety valves spring

No. of safety valves 2 Area of each 7.07 Pressure to which they are adjusted 122 lbs If fitted with easing gear YES If steam from main boilers can enter the donkey boiler ✓ Dia. of donkey boiler 8'6" Length 19'3" Material of shell plates Steel Thickness 23/32" & 7/8" Range of tensile strength 28/32 Descrip. of riveting long. seams double lap Dia. of rivet holes 1/8" Whether punched or drilled drilled Pitch of rivets 3.0625" & 3.294" & 3.24"

Lap of plating 5 3/8" Per centage of strength of joint Rivets 7012 Working pressure of shell by rules 125.6 lbs Thickness of shell crown plates 21/32" & 1/8" Plates 63.2

Radius of do. 4'3" No. of Stays to do. none Dia. of stays - Diameter of furnace Top 10 1/2" Bottom 7'4" Length of furnace 10 1/2"

Thickness of furnace plates 3/4" Description of joint seamless & square Working pressure of furnace by rules 140 lbs. Thickness of furnace crown plates 3/4" & 9/16" Radius of do. 3'9" Stayed by radius Diameter of uptake 18" x 28 1/2" Thickness of uptake plates 9/16"

Thickness of water tube plates front 1/32" back 1"

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

Dates of Survey while building { During progress of work in shops - - } 1924 May 2 7 15 23 30 June 6 13 19 27 July 4 11

{ During erection on board vessel - - } 11

Total No. of visits 11 Is the approved plan of boiler forwarded herewith Yes

Drawing No. 13853 ✓

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

This boiler has been built under Special Survey and the materials tested in accordance with the rules of this Society; the materials and workmanship, as far as can be seen, are sound and good.

This boiler is intended for Messrs. Dnyford Sons, Contract No. 584.

Annual Survey Request

This boiler has now been fitted and fixed in the vessel in a satisfactory manner, the oil burning installation has been tried under working conditions and found satisfactory.

Survey Fee £ 4 : 4 : 0 When applied for Monthly

Travelling Expenses (if any) £ : : } When received Account

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

Committee's Minute GLASGOW 15 JUL 1924

Assigned TRANSMIT TO LONDON

Lloyd's Register of Shipping
 JAMES 11 NOV 1924

The Surveyors are requested not to write on or below the space for Committee's Minute.