

REPORT ON BOILERS.

TUE. MAY. 20 1923 *Shd. No. 28810*
Shd. No. 42861

Date of writing Report *29th June, 1923* When handed in at Local Office *30th June, 1923* Port of *Glasgow*
No. in Survey held at *Annan* Date, First Survey *11. 5. 23* Last Survey *29. 6. 1923*
Reg. Book. *Boiler No 9208. M.V. "PACIFIC TRADER"* (Number of Visits *5*) Gross *6304* Tons Net *3849*
Master *Furness, Wichey & Co. Ltd* Built at *Sunderland* By whom built *Wm. Doxford & Sons (No 578)* When built *1924*
Boilers made at *Annan* By whom made *Cochran & Co., Annan Ltd.* When made *1923*
Owners *Furness, Wichey & Co. Ltd* Port belonging to *London*

VERTICAL DONKEY BOILER— No. *One* Description *Cochran* Manufacturers of steel *D. Colville & Sons Ltd*
Made at *Annan* By whom made *Cochran & Co., Annan Ltd.* When made *1923* Where fixed *ENG. ROOM* Working pressure *125 lbs.*
tested by hydraulic pressure to *235 lbs.* Date of test *29. 6. 23* No. of Certificate *16294* Fire grate area *41 sq ft* Description of safety valves *Spring*
No. of safety valves *2* Area of each *7. 07 sq ft* Pressure to which they are adjusted *118 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'-6"* Material of shell plates *Steel* Thickness *23/32" & 2"* Range of tensile strength *28/32* Descrip. of riveting long. seams *D.R. Lap* Dia. of rivet holes *1 1/8"* Whether punched or drilled *drilled* Pitch of rivets *3 3/8"*
Lap of plating *6-3/8"* Per centage of strength of joint *70.6* Working pressure of shell by rules *125 lbs* Thickness of shell crown plates *2 1/2" & 1 1/8"*
Radius of do. *4'-3"* No. of Stays to do. *None* Dia. of stays *—* Diameter of furnace Top *4'-5 1/4"* Bottom *7'-5 1/4"* Length of furnace *3'-6"*
Thickness of furnace plates *1 1/2"* Description of joint *Seamless & Ogee Ring* Working pressure of furnace by rules *191 lbs.* Thickness of furnace crown plates *1 1/2"* Radius of do. *3'-9"* Stayed by *Hemisphere* Diameter of uptake *18" & 28 1/2"* Thickness of uptake plates *9/16"*
Thickness of water tube plates *1 1/2"*

The foregoing is a correct description,
For COCHRAN & CO., ANNAN, LIMITED
C. Waller Manufacturer.

Dates of Survey { During progress of work in shops - *1923 May 11-25, June 8, 15-29*
while building { During erection on board vessel - -
Total No. of visits *5*

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; the boiler is a duplicate of Boiler No 9207.*

Annual Survey Request.

This boiler has been fitted and fixed on vessel in a satisfactory manner and the oil fuel installation has been tested under working conditions and found satisfactory.

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

A. B. Forster & Co. Ltd
Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.
FRI. MAY. 23 1924

Committee's Minute *GLASGOW 3-JUL 1923*
Assigned *TRANSMIT TO LONDON*

Lloyd's Register
Foundation

W234-0049