

pt. 5b.

## REPORT ON BOILERS.

No. 39011.

Date of writing Report *9<sup>th</sup> Aug 1919* When handed in at Local Office *11. 8. 1919* Port of *Glasgow*  
 No. in Survey held at *Annan* Date, First Survey *July 11* Last Survey *8<sup>th</sup> Aug 1919*  
 Reg. Book. *18849* on the *Donkey Boiler No 8059 for S. S. Bolivia* (Number of Visits *2*) Gross *1677*  
 Master *E. Groinwell* Built at *Levenant* By whom built *Edwards Shipbuilding Co Ltd* When built *1890/2*  
 Boilers made at *Annan* By whom made *Cochran No. Annan, Ltd* When made *1919*  
 Owners *Rederiaktief Sevastoka. Lloyd.* Port belonging to *Gothenburg.*

VERTICAL DONKEY BOILER— No. *8059* Description *Cochran* Manufacturers of steel *Stewarts & Lloyds.*  
 Made at *Annan* By whom made *Cochran & Co* When made *1919* Where fixed *Working pressure 100*  
 tested by hydraulic pressure to *200* Date of test *8/8/19* No. of Certificate *4844* Fire grate area *26 3/4* Description of safety valves  
 No. of safety valves *2* Area of each *7' 0"* Pressure to which they are adjusted *15' 0"* If fitted with easing gear *Stal* If steam from main boilers can enter the donkey boiler *Thick 17/8* Range of tensile strength *28/32* Descrip. of riveting long. seams *Lap. S.R.* Dia. of rivet holes *29/32* Whether punched or drilled *drilled* Pitch of rivets *2 3/8*  
 Lap of plating *4 1/2* Per centage of strength of joint *70.6* Working pressure of shell by rules *106* Thickness of shell crown plates *7/8*  
 Radius of do. *42 in* No. of Stays to do. *7* Dia. of stays *1 1/2* Diameter of furnace Top *Radius* Bottom *6' 0"* Length of furnace *47 1/2 in*  
 Thickness of furnace plates *17/32* Description of joint *Riveted Ring* Working pressure of furnace by rules *100* Thickness of furnace crown plates *17/32* Radius of do. *36 inches* Stayed by *Stewarts & Lloyds* Diameter of uptake *15" x 23"* Thickness of uptake plates *9/16*  
 Thickness of water tubes *Plates*  
*F - 7/8*  
*B - 3/4*  
 The foregoing is a correct description,  
 For COCHRAN & CO., ANNAN, LIMITED  
*G. Waller* Manufacturer.

Dates of Survey { During progress of work in shops - *1919 July 11. Aug 8.*  
 while building { During erection on board vessel - -  
 Total No. of visits *2*

Drawing No *9696*.Is the approved plan of boiler forwarded herewith *Yes*.

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c.) *This boiler has not been built under Special Survey. The material however has been tested by one of the Society's Surveyors in accordance with the Rules.*

*The boiler has been examined inside and outside, and the scantling checked and found to be in accordance with the Rules.*

*The workmanship is good, and the boiler found to be in every way efficient.*

Survey request form

No *C1637* attached.

RETAIN

Survey Fee ... £ *2 : 2 :* When applied for, *10*  
 Travelling Expenses (if any) £ *:* When received, *10*

MONTHLY ACCOUNT.

Committee's Minute *GLASGOW 12 AUG 1919*Assigned *TRANSMIT TO LONDON*

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

TUE 18 NOV 1918  
TUE 9 - MAR 1920

TUE APR 19 1921

TUE MAY 18 1920

FRI AUG 20 1920  
FRI DEC 3 1920Lloyd's Register  
Foundation

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