

THU. 6 NOV. 1919

5b.

REPORT ON BOILERS.

No. 39011

Received at London Office

Date of writing Report 9th 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 8th Aug 1919

eg. Book. 849 on the Donkey Boiler No. 8059 for S/S "Bolivia" (Number of Visits 2) Tons } Gross 1677
Net 1621

Master E. Groöwell Built at Newcastle By whom built Edward Shipbds Co Ltd When built 1890.2

Boilers made at Annan By whom made Cochran & Co, Annan, Ltd. When made 1919.

Owners Rederiaktiebolaget Svevenska Lloyd. Port belonging to Gothenburg.

VERTICAL DONKEY BOILER— No. 8059 Description Cochran Manufacturers of steel Stewart & Lloyds.

Made at Annan By whom made Cochran & Co When made 1919 Where fixed Gothenburg Working pressure 100

Tested by hydraulic pressure to 200 Date of test 8/8/19 No. of Certificate 12344 Fire grate area 26 1/2 Description of safety valves Spring loaded

No. of safety valves 2 Dia. of each 3" Pressure to which they are adjusted 105 lbs If fitted with easing gear Yes If steam from main boilers can enter the donkey boiler No Dia. of donkey boiler 4'-0" Length 15'-0" Material of shell plates Steel Thickness 7/32 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 2.75 ins

Kind of plating 4 1/2 Per centage of strength of joint Rivets 70.6 Working pressure of shell by rules 100 Thickness of shell crown plates 7/8 15/32

Radius of do. 42 ins No. of Stays do. 7 Dia. of stays 1 1/2 Diameter of furnace Top Radius Bottom 6'-0" Length of furnace 47 1/4 ins

Thickness of furnace plates 7/32. 7/8 Description of joint Riveted ring Working pressure of furnace by rules 100 Thickness of furnace crown plates 7/32 Radius of do. 36 inches Stayed by Hemisphere Diameter of uptake 15" x 23" Thickness of uptake plates 9/16"

Thickness of water tubes Plates
A - 7/8"
B - 3/4"

The foregoing is a correct description,
For Cochran & Co, Annan, Limited,
Manufacturer.
(signed) G. Walley.

Dates { During progress of work in shops - - 1919. July 11. Aug 8.
Survey 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 scantlings checked and found to be in accordance with the Rules. The workmanship is good, and the boiler found to be in every way efficient.

RETAIN

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

(Signed) Peter McGregor

Surveyor to Lloyd's Register of Shipping.

Committee's Minute TUE. 18. NOV. 1919

Assigned

TUE. MAY. 18 1920

FRI. DEC. 3 1920

FRI. AUG. 20 1920

TUE. 9 - MAR. 1920

TUE. APR. 19 1921



Lloyd's Register Foundation

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