

## REPORT ON BOILERS.

No. 19326.

Date of writing Report 10.2.31 When handed in at Local Office 3<sup>rd</sup> JUNE 1931. Received at London Office 10 JUN 1931No. in Survey held at 4 remork Date, First Survey 24<sup>th</sup> MARCH 1930. Last Survey 1<sup>st</sup> JUNE 1931.  
Reg. Book. on the S/S "Peruvian" (Number of Visits ) Gross 8954.42  
Net 5444.34

Master Built at 4 remork By whom built Scotts STEEL CO. (551) When built 1931

Boilers made at 4 remork By whom made Scotts STEEL CO. (623) When made 1931

Owners The Atlantic Oil Shipping Co. Port belonging to Panama

Waste heat  
VERTICAL BOILER— No. one Description Vertical Manufacturers of steel Scotts STEEL CO. 4<sup>th</sup>  
Made at 4 remork By whom made Scotts STEEL CO. 4<sup>th</sup> When made 1931 Where fixed Engine Room Working pressure 25  
tested by hydraulic pressure to 50 Date of test 21.8.30 No. of Certificate 1961 Fire grate area 60 Description of safety valves Double Spring  
No. of safety valves 2. Area of each 1.46<sup>sq</sup> Pressure to which they are adjusted 25 If fitted with easing gear Yes If steam from main boilers can  
enter the donkey boiler No Diameter of donkey boiler 2'-10" Length 15'-3" Material of shell plates S Thickness 3/8"  
Range of tensile strength 28-32 Description of riveting long. seams SR Lap Diameter of rivet holes 27/32 Whether punched or  
drilled drilled Pitch of rivets 17/8" Lap of plating 2 1/2" Per centage of strength of joint Rivets 609 Plates 55/6 Working pressure of shell by  
rules 90 Thickness of shell crown plates ✓ Radius of do. ✓ No. of stays to do. ✓ Diameter of stays ✓ Diameter of  
furnace—Top 3'-6" Bottom 3'-6" Length of furnace 4'-3" Thickness of furnace side plates 7/16" Description of joint SR Lap Working  
pressure of furnace by rules 64 Thickness of Ogee ring 3/8" Working pressure of Ogee ring by rules — Thickness of furnace  
crown plates ✓ Radius of do. Stayed by — Diameter of uptake ✓ Thickness of uptake  
plates — Thickness of tube plates 5/8" Mean pitch of stay tubes in nest — Pitch in outer vertical rows —  
Diameter of tube holes FRONT 1 1/8" BACK 1 1/8" Working pressure of tube plates by rules 73 Tubes: Material S  
External diameter stay 1 1/8" Thickness stay 11/16" No. of threads per inch — Pitch of tubes 1 1/16"  
Working pressure by rules 102 hole compensation: Size of opening in shell plate 5'-3 1/2" Section of compensating  
ring 5/8" No. of rivets and diameter of rivet holes — Outer row pitch at ends —

SCOTT'S SHIPBUILDING & ENGINEERING COMPANY, LIMITED.  
Arch<sup>d</sup> Remick. Manufacturer.

Chief Draughtsman.

Drawing No.

Dates of Survey while building  
(During progress of work in shops - -)  
(During erection on board vessel - -)  
Total No. of visits

SEE MACHINERY REPORT

Is the approved plan of boiler forwarded herewith

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c.) This Boiler has been built under Special Survey in accordance with the approved plans. The workmanship & material are of good quality. It is now securely fitted on board. This Boiler is a duplicate of Rux No. 622 S/S "Wentley" etc. Rpt No. 19249. This Report accompanies trial of the machinery.

For domestic purposes only

Survey Fee £ charged on Madykoff  
Travelling expenses (if any)

When applied for 19  
When received 19

W. L. Gordon-Maclean  
Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute GLASGOW 9 - JUN 1931

Assigned SEE ACCOMPANYING MACHINERY REPORT.

Lloyd's Register Foundation

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