

8073

# REPORT ON BOILERS.

No. 19326.

Date of writing Report 10.2.31 When handed in at Local Office 3<sup>rd</sup> JUNE 1931 Port of Grenock  
 Received at London Office 10 JUN 1931  
 No. in Survey held at Grenock Date, First Survey 26<sup>th</sup> MARCH 1930 Last Survey 1<sup>st</sup> JUNE 1931  
 Reg. Book. on the S/S "Peruvian" (Number of Visits 4) Tons { Gross 8954.42  
 Net 5447.34  
 Master Grenock Built at Grenock By whom built Scotts STEEL CO<sup>Y</sup> (551) When built 1931  
 Boilers made at Grenock By whom made Scotts STEEL CO<sup>Y</sup> (623) When made 1931  
 Owners The Atlantic Oil Shipping Co<sup>Y</sup> Port belonging to Panama

Waste heat  
 VERTICAL WASTE HEAT BOILER— No. one Description Vertical Manufacturers of steel Scottish D&S CO<sup>Y</sup>  
 Made at Grenock By whom made Scotts STEEL CO<sup>Y</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 50 Fuel oil Description of safety valves Double Spring  
 No. of safety valves 2 Area of each 1.46 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 1 7/8" Lap of plating 2 1/2" Per centage of strength of joint Rivets 60% 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 Top 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 LSG 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 1/8" dia No. of rivets and diameter of rivet holes — Outer row pitch at ends —

SCOTT'S SHIPBUILDING & ENGINEERING COMPANY, LIMITED.  
 Arch<sup>l</sup> Reynie 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 Yes

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 hull No. 622 S/S "Wentley" etc. Rept No. 19249. This Report accompanies trial of the machinery.

For domestic purposes only

Survey Fee £ charged on Madykelt : When applied for \_\_\_\_\_ 19\_\_\_\_  
 Travelling Expenses (if any) \_\_\_\_\_ : When received \_\_\_\_\_ 19\_\_\_\_

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

Committee's Minute GLASGOW 9 - JUN 1931  
 Assigned SEE ACCOMPANYING MACHINERY REPORT.



003138-003146-0131

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