

Rpt. 5a.

## REPORT ON BOILERS.

No. 3726

FRI. 18 NOV. 1921

Received at London Office

Date of writing Report SEPT 26<sup>TH</sup> 1921 When handed in at Local Office1921 Port of SAN FRANCISCO, CAL.No. in Survey held at E. SAN PEDRO CAL.Date, First Survey 8<sup>TH</sup> AUGUST 1921Last Survey 22<sup>ND</sup> SEPT 1921

Reg. Book.

(Number of Visits 9)Gross 5827.72Tons } Net 3435.71

on the

S/S. "SEMIRAMIS."Master G. VAN KREGTENBuilt at E. SAN PEDROBy whom built SOUTHWESTERN S.B. CO.When built 1921Engines made at HAMILTON OHIOBy whom made J. DOVEN OWENS AND RENTSCHLER CO.When made 1921Boilers made at PORTLAND OREGONBy whom made WILLAMETTE IRON AND STEEL WORKSWhen made 1921Registered Horse Power ✓Owners NEDERLANDSCH-INDISCHE TANK STOOMBOOT MAATSCHAPPIJPort belonging to S. GRAVENHAGEMULTITUBULAR BOILERS—MAIN, AUXILIARY OR DONKEY.—Manufacturers of Steel SEE PORTLAND REPORT(Letter for record         ) Total Heating Surface of Boilers 12 1/2 sq ft Is forced draft fitted NO No. and Description ofBoilers ONE S.E. SCOTCH Working Pressure 120 LBS. Tested by hydraulic pressure to 230 LBS. Date of test 15-3-21No. of Certificate 224 Can each boiler be worked separately ✓ Area of fire grate in each boiler OIL BURNER No. and Description ofsafety valves to each boiler 2 SPRING LOADED Area of each valve 5.939 Pressure to which they are adjusted 125 LBS.Are they fitted with easing gear YES In case of donkey boilers, state whether steam from main boilers can enter the donkey boiler NOSmallest distance between boilers or uptakes and bunkers or woodwork 12" Mean dia. of boilers          Length         Material of shell plates          Thickness          Range of tensile strength          Are the shell plates welded or flanged         Descrip. of riveting: cir. seams          long. seams          Diameter of rivet holes in long. seams          Pitch of rivets         Lap of plates or width of butt straps          Per centages of strength of longitudinal joint          Working pressure of shell byrules          Size of manhole in shell          Size of compensating ring          No. and Description of Furnaces in eachboiler          Material          Outside diameter          Length of plain part          Thickness of plates         Description of longitudinal joint          No. of strengthening rings          Working pressure of furnace by the rules          Combustion chamberplates: Material          Thickness: Sides          Back          Top          Bottom          Pitch of stays to ditto: Sides          Back         Top          If stays are fitted with nuts or riveted heads          Working pressure by rules          Material of stays          Area atsmallest part          Area supported by each stay          Working pressure by rules          End plates in steam space: Material          Thickness         Pitch of stays          How are stays secured          Working pressure by rules          Material of stays          Area at smallest part         Area supported by each stay          Working pressure by rules          Material of Front plates at bottom          Thickness          Material ofLower back plate          Thickness          Greatest pitch of stays          Working pressure of plate by rules          Diameter of tubes         Pitch of tubes          Material of tube plates          Thickness: Front          Back          Mean pitch of stays          Pitch across widewater spaces          Working pressures by rules          Girders to Chamber tops: Material          Depth and thickness ofgirder at centre          Length as per rule          Distance apart          Number and pitch of Stays in each         Working pressure by rules          Steam dome: description of joint to shell          % of strength of joint         Diameter          Thickness of shell plates          Material          Description of longitudinal joint          Diam. of rivet holes         Pitch of rivets          Working pressure of shell by rules          Crown plates          Thickness          How stayed         SUPERHEATER. Type          Date of Approval of Plan          Tested by Hydraulic Pressure to         Date of Test          Is a Safety Valve fitted to each Section of the Superheater which can be shut off from the Boiler         Diameter of Safety Valve          Pressure to which each is adjusted          Is Easing Gear fitted         

The foregoing is a correct description,

South Western Shipbuilding & Dock Manufacturers.Is the approved plan of boiler forwarded herewith         Dates of Survey          During progress of work in shops          while building          During erection on board vessel         Total No. of visits 9

GENERAL REMARKS (State quality of workmanship, opinions as to class, &amp;c.)

This boiler was constructed under Special Survey of materials, tested to Rule requirements and the workmanship was found good throughout. It has been fitted on board the vessel in an efficient manner, tried under steam and found satisfactory.

Survey Fee          £          When applied for          1921Travelling Expenses (if any)          £          When received          1921Committee's Minute          New York NOV 1 1921Assigned          See S. 70. 3627.© 2021  
Engineer Surveyor to Lloyd's Register of Shipping.Lloyd's Register  
Foundation

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