

REPORT ON BOILERS.

No. 27997
SAT. DEC. 18 1920

Received at London Office

Form of writing Report

19

When handed in at Local Office

17 DEC 1920

Port of Sunderland

No. in Survey held at
Sunderland

Date, First Survey

see Machinery report attached 19 20

Reg. Book.

(Number of Visits)

Gross 5074
Tons Net 3150

on the donkey boiler for S/S "STONEWALL"

Master W. Frolic Built at Sunderland By whom built Bartram & Son S/S N. 253 When built 1920

Engines made at Sunderland By whom made J. Dickinson & Sons Ltd. (N. 837) when made 1920

Boiler made at Sunderland By whom made J. Dickinson & Sons Ltd. (N. 1073) when made 1920

Registered Horse Power

Owners Harland & Steamship Corporation Port belonging to New York

ULTITUBULAR BOILERS — MAIN, AUXILIARY OR DONKEY. — Manufacturers of Steel John Spencer & Son Ltd.

Letter for record S Total Heating Surface of Boilers 1172 sq ft Is forced draft fitted no No. and Description of

Boilers One single ended main Working Pressure 120 Tested by hydraulic pressure to 240 Date of test 22-11-20

No. of Certificate 3735 Can each boiler be worked separately — Area of fire grate in each boiler 330 sq ft No. and Description of

Safety valves to each boiler two direct spring Area of each valve 7.07 sq in Pressure to which they are adjusted 120 lbs

Are they fitted with easing gear yes In case of donkey boilers, state whether steam from main boilers can enter the donkey boiler no

Smallest distance between boilers or uptakes and bunkers or woodwork 19 in End dia. of boilers 11-0 in Length 11-0 in

Material of shell plates steel Thickness 1/2 in Range of tensile strength 28-32 tons Are the shell plates welded or flanged no

Description of riveting: cir. seams DR long. seams DBS. DR Diameter of rivet holes in long. seams 15/16 in Pitch of rivets 4 3/4 in

Percentage of strength of longitudinal joint rivets 94.3 Working pressure of shell by rules 80.2

No. and Description of Furnaces in each

No. 121 Size of manhole in shell 16 in x 12 in Size of compensating ring 7 1/8 in x 1 1/2 in Top 80 in Thickness of plates crown 5/8 in bottom 5/8 in

Material steel Outside diameter 3-2 in Length of plain part 80 in Thickness of plates crown 5/8 in bottom 5/8 in

Description of longitudinal joint S.B.S. SR No. of strengthening rings none Working pressure of furnace by the rules 129 Combustion chamber

Material steel Thickness: Sides 5/8 in Back 5/8 in Top 5/8 in Bottom 1 1/8 in Pitch of stays to ditto: Sides 10 1/2 in x 9 in Back 10 in x 10 in

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

The materials and workmanship are good. The boiler has been constructed under special survey, satisfactorily fixed on the upper deck and its safety valves adjusted under steam.

Survey Fee ... £ 3 : 18 : 0

Travelling Expenses (if any) £ : : 0

When applied for, 15-12-1920

When received, 17 DEC 1920

Is the approved plan of boiler forwarded herewith

yes

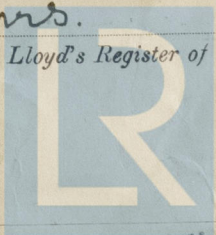
Total No. of visits

Committee's Minute

Signed

TUE. 21 DEC 1920

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



Lloyd's Register Foundation

003605-003610-0124