

Rpt. 5a.

REPORT ON BOILERS.

No. 11705.00

Received at London Office

FRI. 25 JAN. 1924

Date of writing Report Jan 24 1924 When handed in at Local Office Jan 24 1924 Port of Louthampton
 No. in Survey held at Louthampton Date, First Survey Jan 15 Last Survey Jan 22 1924
 Reg. Book. 34259 on the T.S.S. SUNTEMPLE. (Number of Visits 5) Gross 2378 Tons Net 1387
 Master Belfast Built at Belfast By whom built Harland & Wolff When built 1909
 Engines made at Belfast By whom made Harland & Wolff when made 1909
 Boilers made at no. By whom made no. when made 1909
 Registered Horse Power no. Owners United Baltic Corporation Ltd. Port belonging to London

MULTITUBULAR BOILERS—MAIN, AUXILIARY OR DONKEY.—Manufacturers of Steel

(Letter for record S) Total Heating Surface of Boilers 4198 Is forced draft fitted no. No. and Description of Boilers Two S.B. Working Pressure 215 lbs Tested by hydraulic pressure to no. Date of test no.
 No. of Certificate no. Can each boiler be worked separately yes Area of fire grate in each boiler 57.6 No. and Description of safety valves to each boiler Two spring loaded Area of each valve 7.0686 Pressure to which they are adjusted 215 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 6' Mean dia. of boilers 14" Length 11'-9"
 Material of shell plates stul Thickness 1 1/2" Range of tensile strength 29633 lbs Are the shell plates welded or flanged flanged
 Descrip. of riveting: cir. seams D.R. long. seams T.R. D.B.S. Diameter of rivet holes in long. seams 1 3/8" Pitch of rivets 10"
 Lap of plates or width of butt straps 22 1/4" x 1 1/2" Per centages of strength of longitudinal joint 89.5 Working pressure of shell by rules 230 Size of manhole in shell 12" x 16" Size of compensating ring 28" x 32" No. and Description of Furnaces in each boiler 3 Morrison Material stul Outside diameter 3'-9 1/4" Length of plain part 8' Thickness of plates 3/8" crown 3/8" bottom 3/8"
 Description of longitudinal joint Seamless No. of strengthening rings no. Working pressure of furnace by the rules 228 Combustion chamber plates: Material stul Thickness: Sides 3/8" Back 5/8" Top 3/8" Bottom 3/8" Pitch of stays to ditto: Sides 8x8 Back 8x7 1/2
 Top 8x8 1/2 If stays are fitted with nuts or riveted heads nuts Working pressure by rules 217 Material of stays stul Diameter at smallest part 1-545 Area supported by each stay 685 Working pressure by rules 230 End plates in steam space: Material stul Thickness 1 1/2"
 Pitch of stays 16 1/2" x 14 3/4" How are stays secured D.N. & WAINERS Working pressure by rules 248 Material of stays stul Diameter at smallest part 2-87
 Area supported by each stay 243.5 Working pressure by rules 248 Material of Front plates at bottom stul Thickness 1 1/2" Material of Lower back plate stul Thickness 3/8" Greatest pitch of stays no. Working pressure of plate by rules no. Diameter of tubes 2 3/4"
 Pitch of tubes 4" x 4" Material of tube plates stul Thickness: Front 1 1/2" Back 1 1/2" Mean pitch of stays 8x8 Pitch across wide water spaces 1'-2" Working pressures by rules 260 Girders to Chamber tops: Material stul Depth and thickness of girder at centre 10" x 3 1/2" x 2" Length as per rule 2'-11" Distance apart 84 9/7" Number and pitch of Stays in each 3 at 8"
 Working pressure by rules 260 Superheater or Steam chest: how connected to boiler no. Can the superheater be shut off and the boiler worked separately no. Diameter no. Length no. Thickness of shell plates no. Material no. Description of longitudinal joint no. Diam. of rivet holes no. Pitch of rivets no. Working pressure of shell by rules no. Diameter of flue no. Material of flue plates no. Thickness no.
 If stiffened with rings no. Distance between rings no. Working pressure by rules no. End plates: Thickness no. How stayed no.
 Working pressure of end plates no. Area of safety valves to superheater no. Are they fitted with easing gear no.

The foregoing is a correct description,

Manufacturer.

Dates of Survey
 During progress of work in shops - -
 while building - -
 During erection on board vessel - -

Is the approved plan of boiler forwarded herewith

Total No. of visits

GENERAL REMARKS

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

The boilers have been examined in their entirety, scantlings checked & found to be in accordance with the plan & eligible in my opinion for a working pressure of 215 lbs.

Survey Fee ... £

When applied for, 19

Travelling Expenses (if any) £

When received, 19

Committee's Minute

Assigned

No action

FRI. FEB. 8 1924

FRI. MAY. 30 1924

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

H. A. Garnett

Lloyd's Register
W592-0113