

REPORT ON BOILERS.

No. 1482

Letter of writing Report Mar 26 1918 When handed in at Local Office Nov. 21-1918 Received at London Office
 No. in Survey held at Montreal Date, First Survey Jan 21 Last Survey Mar 26 1918
 Reg. Book. on the Single Screw Hood Steamship "La Thera" (Number of Visits 25) Gross 2342.11 Tons Net 146.63
 Master Victoria M. Built at Victoria B.C. By whom built Camden Iron Works Ltd. When built 1918
 Engines made at Montreal By whom made The Dominion Bridge Co. When made 2-18
 Boilers made at Montreal By whom made Canadian Vickers Ltd. When made 3-18
 Registered Horse Power 328 Owners Easton & Co (Glasgow) Port belonging to Victoria B.C.

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

Letter for record () Total Heating Surface of Boilers 5280 Is forced draft fitted Yes No. and Description of Boilers 2 Horizontal Water Tube Working Pressure 185 lbs Tested by hydraulic pressure to 370 lbs Date of test 12-3-18

No. of Certificate Can each boiler be worked separately Area of fire grate in each boiler 60 sq No. and Description of Safety valves to each boiler 2 Marine Type Area of each valve 8.2958 sq Pressure to which they are adjusted re they fitted with easing gear In case of donkey boilers, state whether steam from main boilers can enter the donkey boiler

Smallest distance between boilers or uptakes and bunkers or woodwork Mean dia. of boilers Length

Material of shell plates Steel Thickness TOP DRUM 1/2" BOTTOM 3/4" Range of tensile strength 26-30 Are the shell plates welded or flanged No

Description of riveting: cir. seams Single long. seams Double Diameter of rivet holes in long. seams 7/8" Pitch of rivets 2.65"

Gap of plates or width of butt straps 4 3/16" Per centages of strength of longitudinal joint 88.58% 79.86% Working pressure of shell by rules 67.0 65.8

Size of manhole in shell 16" x 12" Size of compensating ring No. and Description of Furnaces in each

Boiler Material Outside diameter Length of plain part top Thickness of plates bottom crown bottom

Description of longitudinal joint No. of strengthening rings Working pressure of furnace by the rules Combustion chamber

Material Steel Thickness: Sides Back Top 1 3/8" Bottom Pitch of stays to ditto: Sides Back

Top 6" x 6 3/4" If stays are fitted with nuts or riveted heads Working pressure by rules Material of stays Steel Area at

Smallest part 1.01 sq Area supported by each stay 40.5 sq Working pressure by rules 197 End plates in steam space: Material Steel Thickness 7/8" x 3/4"

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 Steel Thickness 7/8" Material of

Upper back plate Steel Thickness 3/4" Greatest pitch of stays Working pressure of plate by rules Diameter of tubes 2"

Pitch of tubes 2 3/4" x 3 3/8" Material of tube plates Steel Thickness: Top 1 3/8" Bottom 1 1/8" Mean pitch of stays Pitch across wide

Water spaces Working pressures by rules Girders to Chamber tops: Material Steel Depth and thickness of

Order at centre 6 1/4" x 1 1/8" Length as per rule Distance apart 6" Number and pitch of Stays in each 4 - 6 3/4"

Working pressure by rules 197 Steam description of joint to shell Stays in plate connected with flange of % of strength of joint

Diameter Int 27" Thickness of shell plates 7/16" Material Steel Description of longitudinal joint Lap Diam. of rivet holes 1 3/16"

Pitch of rivets 2 1/2" Working pressure of shell by rules 252 lbs END plates Steel Thickness BLANK 1" 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

FOR CANADIAN VICKERS LIMITED
 The foregoing is a correct description,
[Signature] Manufacturer.

Dates During progress of Jan. 21, 23, 26, 28, 30, 31, Feb. 1, 4, 7, 13, 15, 19, 21, 25, 27 Is the approved plan of boiler forwarded herewith No.
 Survey work in shops - Mar. 1, 5, 8, 13, 14, 16, 17, 19, 22, 26
 while During erection on board vessel - - - Total No. of visits

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c.) These boilers have been constructed under special survey in accordance with the rules. The workmanship is satisfactory and in my opinion they are eligible to receive the class of L.M.C. with date after being installed in the vessel, the equalizing tubes fitted and the boiler tested as a whole. The following marks are stamped on the elements:

LL0403	LL0405	LL0407	LL0409	LL0411	LL0413
TP 3706	TP 3708	TP 3710	TP 3712	TP 3714	TP 3716
13-3-18	22-3-18	29-3-18	19-3-18	19-3-18	19-3-18
WJA.JEL	WJA.JEL	WJA.JEL	WJA.JEL	WJA.JEL	WJA.JEL

The marks on the elements were similar except for the dates
SEE FIRST ENTRY REPORT

Survey Fee ... £ 61.00 When applied for, Mar 27 1918
 Travelling Expenses (if any) £ .75 When received, 2/6 1918

Committee's Minute TUE. 10 DEC. 1918
 Assigned
 TUE. 27 MAY. 1919
 TUE. 23 DEC. 1919
 Lloyd's Register Foundation