

REPORT ON BOILERS.

No. 2031

Received at London Office

FRI-6 JUL. 1917

Certifying Report 28 May 1917 When handed in at Local Office ✓ 19 Port of Robe
 Survey held at Robe Date, First Survey _____ Last Survey 19
 on the Single Screw Steamer "War Prince" (Number of Visits _____) Tons { Gross _____ Net _____
 Ward Robe Built at Robe By whom built The Kawasaki Dock & C. Co. Ltd. When built 1917-5
 made at Robe By whom made The Kawasaki Dock & C. Co. Ltd. when made do
 made at do By whom made do when made do
 Indicated Horse Power 440 Owners Major Furness Withy & Co. Ltd. Port belonging to _____

TITUBULAR BOILERS—~~MAIN~~, AUXILIARY OR ~~DONKEY~~—Manufacturers of Steel Beardmore, Leeds Eng.
 for record S. Total Heating Surface of Boilers 1132 sq. ft. Is forced draft fitted Yes No. and Description of
One Single Ended Working Pressure 200 lbs. Tested by hydraulic pressure to 400 lbs. Date of test 19.12.16
 Certificate 400 LBS Can each boiler be worked separately Yes Area of fire grate in each boiler 33 sq. ft. No. and Description of
 valves to each boiler Two, direct spring Area of each valve 5.93 sq. in. Pressure to which they are adjusted 205 lbs.
 They fitted with easing gear Yes In case of donkey boilers, state whether steam from main boilers can enter the donkey boiler No
 Minimum distance between boilers or uptakes and bunkers or woodwork 2 ft. Mean dia. of boilers 10" 10" Length 10' 6"
 Material of shell plates Steel Thickness 1" Range of tensile strength 28-32 tons Are the shell plates welded or flanged No
 Sp. of riveting: cir. seams Double riv. long. seams Double riv. strips Diameter of rivet holes in long. seams 1 1/16" Pitch of rivets 6 29/32 x 3 29/64
 Width of butt straps 14 1/2 x 1 Per centages of strength of longitudinal joint rivets 95.2 Working pressure of shell by
200 lbs. Size of manhole in shell 12" x 16" Size of compensating ring (1 1/4" + flange) x 1" No. and Description of Furnaces in each
2 Morrison's Material Steel Outside diameter 40 1/4" Length of plain part _____ Thickness of plates crown 9/16"
 Description of longitudinal joint Weld No. of strengthening rings _____ Working pressure of furnace by the rules 236 lbs. Combustion chamber
 Material Steel Thickness: Sides 5/8" Back 5/8" Top 5/8" Bottom 3/4" Pitch of stays to ditto: Sides 7 x 8 1/2" Back 7 13/16 x 8 1/8"
7 x 8" If stays are fitted with nuts or riveted heads Nuts Working pressure by rules 204 lbs. Material of stays Steel Diameter at
 top part 1.78" Area supported by each stay 66 sq. in. Working pressure by rules 242 lbs. End plates in steam space: Material Steel Thickness 7/8"
 of stays 15 1/2 x 14 1/2" How are stays secured Double nuts Working pressure by rules 202 lbs. Material of stays Steel Diameter at smallest part 5.27"
 supported by each stay 15 1/4 x 14 1/2" Working pressure by rules 238 lbs. Material of Front plates at bottom Steel Thickness 3/4" Material of
 front back plate Steel Thickness 3/4" Greatest pitch of stays 13 1/2 in. in 4 in. Working pressure of plate by rules 200 lbs. Diameter of tubes 3 1/4"
 of tubes 4 5/16 x 4 7/16" Material of tube plates Steel Thickness: Front 7/8" Back 3/4" Mean pitch of stays 8 3/4" Pitch across wide
 spaces 13 3/4" double 5/8" Working pressures by rules 200 lbs. Girders to Chamber tops: Material Steel Depth and thickness of
 at centre 8" x 1 1/2" Length as per rule 27" Distance apart 8" Number and pitch of Stays in each 3 @ 7"
 Working pressure by rules 237 lbs. Superheater or Steam chest: how connected to boiler ✓ Can the superheater be shut off and the boiler worked
 separately _____ Diameter _____ Length _____ Thickness of shell plates _____ Material _____ Description of longitudinal joint _____ Diam. of rivet
 Pitch of rivets _____ Working pressure of shell by rules _____ Diameter of flue _____ Material of flue plates _____ Thickness _____
 Fitted with rings _____ Distance between rings _____ Working pressure by rules _____ End plates: Thickness _____ How stayed _____
 Working pressure of end plates _____ Area of safety valves to superheater _____ Are they fitted with easing gear _____

The foregoing is a correct description,

Kawasaki Dockyard Co., Ltd.

Manufacturer.

Per _____

Secretary.

During progress of work in shops - - - 18 Aug. 9 Sep. 18 Oct 30 Nov. 12. 18. 19 Dec 1916 Is the approved plan of boiler forwarded herewith
 During erection on board vessel - - - 24. 28 Apr. 4. 5. 12. May 1917 Total No. of visits 12

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

This boiler has been made & fitted under special survey, in accordance
 with the Rules & materials & workmanship have been found good.

Survey Fee ... Entered on: _____ When applied for, _____ 19
 Travelling Expenses (if any) _____ Mooby Rpt.: _____ When received, _____ 19

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

Committee's Minute TUE 10 JUL. 1917

Assigned



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Foundation

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