

REPORT ON BOILERS.

No. 2859.

Writing Report 9th June 1920 When handed in at Local Office Kobe Port of Kobe
 in Survey held at Kobe Date, First Survey 7th Nov 1919 Last Survey 26th May 1920
 on the Steel Single Screw Steamer "OHIO MARU" (Number of Visits 19)
Fukunishi, D. Built at Kobe By whom built Kawasaki Dockyard Co. Ltd. When built 1920
Kobe By whom made Kawasaki Dockyard Co. Ltd. When made 1920
do By whom made do When made 1920
 red Horse Power N.H.P. 440 Owners Kawasaki Kisen Kabushiki Kaisha Port belonging to Kobe

TITUBULAR BOILERS — MAIN, AUXILIARY OR DONKEY. — Manufacturers of Steel Illinois St. L. Carnegie St. L. Co.
 for record S Total Heating Surface of Boilers 11320 Is forced draft fitted yes No. and Description of
One S. & A. Ansey. Blr. Working Pressure 200 lbs. Tested by hydraulic pressure to 400 Date of test 31-3-20
 Certificate 110 YDS TEST Can each boiler be worked separately yes Area of fire grate in each boiler 33 No. and Description of
Two Direct Spring Area of each valve 5.93 Pressure to which they are adjusted 205 lbs.
 fitted with easing gear yes In case of donkey boilers, state whether steam from main boilers can enter the donkey boiler ✓
 distance between boilers or uptakes and bunkers or woodwork 18" Mean dia. of boilers 10'-10" Length 10'-6"
 of shell plates Steel Thickness 1" Range of tensile strength 28 to 32 tons Are the shell plates welded or flanged no
 of riveting: cir. seams Doub. rivd long. seams Doub. straps Diameter of rivet holes in long. seams 1 1/16" Pitch of rivets 6 29/32 + 3 29/64"
 plates or width of butt straps 14 1/2" x 1" Per centages of strength of longitudinal joint rivets 95.2 Working pressure of shell by
25-300 lbs. Size of manhole in shell 12" x 16" Size of compensating ring (7 1/4" flange) 1" plate 84.6
Two Morison Material Steel Outside diameter 40 1/4" Length of plain part top Thickness of plates crown
 of longitudinal joint Weld No. of strengthening rings ✓ Working pressure of furnace by the rules 218 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"
 If stays are fitted with nuts or riveted heads nuts Working pressure by rules 213 lbs. Material of stays Steel Area at
 part 1.79 Area supported by each stay 64 Working pressure by rules 223 lbs. End plates in steam space: Material Steel Thickness 7/8"
 stays 15 1/4" x 14 1/2" How are stays secured Doub. nuts Working pressure by rules 202 lbs. Material of stays Steel Area at smallest part 5.27
 supported by each stay 15 1/4" x 14 1/2" Working pressure by rules 248 lbs. Material of Front plates at bottom Steel Thickness 3/4" Material of
 back plate Steel Thickness 3/4" Greatest pitch of stays 15" approx. Working pressure of plate by rules 237 lbs. Diameter of tubes 3 3/4"
 tubes 4 3/4" mean Material of tube plates Steel Thickness: Front 7/8" Back 3/4" Mean pitch of stays 8 3/4" Pitch across wide
 plates 13 3/4" doubled 5/8" Working pressures by rules 266 lbs. Girders to Chamber tops: Material Steel Depth and thickness of
 centre 8" x 3/4" (two) Length as per rule 26 5/8" Distance apart 8" Number and pitch of Stays in each 3 @ 7"
 pressure by rules 246 lbs. Steam dome: description of joint to shell None % of strength of joint
 Thickness of shell plates Material Description of longitudinal joint Diam. of rivet holes
 rivets Working pressure of shell by rules Crown plates Thickness How stayed
HEATER. Type ✓ Date of Approval of Plan Tested by Hydraulic Pressure to
 Is a Safety Valve fitted to each Section of the Superheater which can be shut off from the Boiler
 of Safety Valve Pressure to which each is adjusted Is Easing Gear fitted

Kawasaki Dockyard Co. Ltd.

Per J. O. Kane Secretary. Manufacturer.During progress of work in shops -- 1919 Dec 7; Dec 8, 27; Jan 9, 19; Feb 2, 9; Mar 3, 8, 9, 13, 20, 26, 31.During erection on board vessel -- Apr. 30; May 5, 12, 13, 26.Total No. of visits 19.

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

The Boiler has been made and fitted under Special Survey. The Rules have been complied with & materials and workmanship found good. The vessel is eligible, in my opinion, for record One S. & A. Ansey. Boiler 200 lbs.

Fee ... £ 5 in When applied for, 3rd June 1920
 Shipping Expenses (if any) £ 100 When received, 14th June 1920

Boiler's Minute

FRI. JUL. 30 1920

A. Watt. Engineer Surveyor to Lloyd's Register of Shipping.

See fee ylt attached



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Lloyd's Register

Foundation

W1285-0061