

REPORT ON BOILERS.

No. 1852

25 SEP 1916

Received at London Office

Date of writing Report 14 Aug 1916 When handed in at Local Office - 19 - Port of Kobe

No. in Survey held at Kobe Date, First Survey 7th March Last Survey 18 July 1916

Reg. Book. on the Steel Sing. Scr. Stmr. "Katsuura Maru" (Number of Visits 12) Gross 1725 Tons Net 1023

Master M. Hashiwara Built at Kobe By whom built Mitsu Bishi D & E Works When built 1916

Boilers made at Kobe By whom made The Mitsu Bishi D & E. Works When made 1916

Owners The Mitsu Bishi Goshi Kaisha Port belonging to Tokio

VERTICAL DONKEY BOILER— No. one Description Vertical Water Tube Manufacturers of steel Beardmore

Made at Kobe By whom made Mitsu Bishi D & E Works When made 1916 Where fixed Store hold Working pressure 100 lbs

tested by hydraulic pressure to 200 Date of test 14 July 1916 No. of Certificate 147/116 Fire grate area 115 Description of safety valves Two, Spring loaded

No. of safety valves Two Area of each 24 Pressure to which they are adjusted 100 lbs If fitted with easing gear Yes If steam from main boilers can enter the donkey boiler No Dia. of donkey boiler 6" 0" Length 13' 6" Material of shell plates Steel Thickness 1/2" Range of tensile strength 28-32 tons Descrip. of riveting long. seams Double lap Dia. of rivet holes 15/16" Whether punched or drilled Drilled Pitch of rivets 3 1/4"

Lap of plating 4" Per centage of strength of joint Rivets 72.2 Working pressure of shell by rules 121.46 Thickness of shell crown plates 1/2" Plates 71.1

Radius of do. 6" 0" No. of Stays to do. ✓ Dia. of stays ✓ Diameter of furnace. Top 2" 7 1/2" Radius 140 Length of furnace 11 ft 6 in Bottom ✓

Thickness of furnace plates 9/16 Description of joint weld. Working pressure of furnace by rules 100 lbs Thickness of furnace crown plates 9/16 Radius of do. 2' 7 1/2" Stayed by ✓ Diameter of uptake 20" Thickness of uptake plates 9/16"

Thickness of water tubes Plain 2 1/2" dia. g.B.W.G. 66 tubes Stay 2 1/2" 5/16" thick. 33 tubes ✓

Comb. Chan. 4" 6" dia. of 5/8" plate. Tube pl. 5/8" 131 lbs W.P. ✓

MITSUBISHI DOCKYARD & ENGINE WORKS, KOBE.
The foregoing is a correct description,
Y. Sasitani Manufacturer.
Manager

Dates of Survey while building { During progress of work in shops - - 7th 15th 17 March 7th 12th 20 April 3rd 20 May
During erection on board vessel - - - 6th 20 June 14th 18 July 1916
Total No. of visits 12

Is the approved plan of boiler forwarded herewith Yes

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

This boiler has been made under special Survey in accordance with the Rules & the workmanship is good. The boiler is eligible in my opinion for the record in the Register Book of the working pressure of 100 lbs.

Survey Fee Entered on Machy. Rep. When applied for, 19

Travelling Expenses (if any) £ 19 When received, 19

A. L. Jones

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

Committee's Minute

TUE. SEP. 26. 1916

Assigned



Lloyd's Register Foundation

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