

With or Without  
Disconnected Erections.

STEEL STEAMER.

Received at London Office THU 12 JUL 1917

State if Report is also sent on the Machinery of the Vessel

Date of completion of report 25 May 1917 Port of Kobe No. 2024  
Survey held at Osaka Date, First Survey 14 March 1916 Last Survey 2nd April 1917

On the (State if Single, Twin, or Triple Screw) Single Screw Steamer "Sekow Maru" Rig 2 masts

TONNAGE under  
Tonnage Deck...

CLASS +100 A1

FEET.

Master

Year of appointment

(1) As Master in service of  
owner of present vessel:—191  
(2) As Master of this  
vessel:—191

Built at

Osaka

When built

1917

Launched 24th Feb. 1917

By whom built

The Osaka Iron Works

Owners

The Osaka Shosen Kaisha

Managers

(Where necessary to be entered in Reg. Book.)

Residence

Port belonging to

Osaka

Do. between Tonnage Dk. and 3rd and 4th Dk. 2757.0  
under Upper Dk. 47.22  
Poop 141.00  
R.Q.Dk. 41.67  
Bridge House 41.67  
Forecastle 22.39  
Houses on Dk. 68.60  
Excess of Hatchways above Crown of Engine Room 3179.59  
Crew Space above Crown of Engine Room Gross  
Navigation Spaces  
Engine Room  
Master Tonnage 2023.25  
cut on Beam

Breadth (greatest moulded) 43.75  
Depth, at middle of length from top of keel to top of upper deck beams at side 27.25  
Transverse Number 71.00  
Length on deck from fore part of stem to after part of stern post 305.0  
Longitudinal Number 21453  
Depth "d," at middle of length (See Secs. 2 & 13) 17.25  
Proportions—Depth to Length—Upper Deck Beam at side to top of keel 11.2  
Long Bridge Deck Beam at side to top of keel 8.9

Destined Voyage

If Surveyed while Building, Afloat, or in Dry Dock Building

LENGTH on Deck Feet. 305 0 Inches. 0  
as per Rule ...  
BREADTH—Feet. 43 9 Inches. 9  
Moulded ...  
DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams Feet. 24 11 24  
Do. do. do. do. Second Dk. Beams 17 5 34  
Moulded depth, ft. 34 ins. 0 To Bridge Dk. Round of Upper 10 3/4 ins.  
Moulded depth, ft. 27 ins. 3 To Upper Dk. Dk. Beam, Actual

FRAMING.						PILLARS.					
FRAME, Angles, or C or L Bars amidships						PILLARS, In 'tween Deck, size and spacing					
Do. in peaks						" " Hold					
Do. in way of Double Bottoms at Solid Floors						" Quarter 'tween Dks.,					
" " at intermdt. Bkts.						" " in Hold					
Spacing of Frames from centre to centre amidships						KEELSONS & STRINGERS.					
" " length to Collision bulkhead						CENTRE LINE KEELSON, Vertical Plate above					
" " in peaks						" Rider Plate					
REVERSED FRAME, Angles						" Flat Plate Keel Angles					
Do. in way of Double Bottoms at Solid Floors						" Horizontal Plates on Floors					
" " at intermdt. Bkts.						" Angles or Bulb Angles					
FRAMING, depth of girder						SIDE KEELSONS, Number					
FLOORS, depth and thickness of Floor Plate						" Angles or Bulb Angles					
" at mid-line for 1/2 length amidships						" Plate above floors, for length					
" in way of Engine and Boiler Spaces						" Intercostal Plate, for length					
" thickness at the ends of vessel						" Attached to outside Plating with Angle					
" depth at 1/2 the half breadth, as per Rule						BILGE KEELSON, Angles					
" height extended at the Bilges						" Intercostal Plate for length					
FLOORS in Cell. Double Bottoms						" Attached to outside Plating with Angle					
" state if flanged (top & bottom)						SIDE STRINGERS, Number					
" Spacing of Solid floors						" Angle					
CENTRE GIRDER, in Dbl. bottom, dpth. & thcknss.						" Intercostal Plate, for length					
" Angles, Top						" Attached to outside plating with Angle					
" Bottom						Upper Deck Stringer Plate, br'dth & thickness					
" to Floors						(clear of Bridge)					
" Brackets at intermdt. frmg., wdth & thkns						" br'dth & thickness					
SIDE GIRDERS, number on each side & thickness						(in way of Bridge)					
" state if flanged (top and bottom)						" Angle (clear of Bridge)					
" Angles (top and bottom)						" Tie Plates at sides of Hatchways					
" to Floors						Deck * Iron or Steel, for whole lng.					
MARGIN PLATE, depth (exclusive of flange)						" Thickness (clear of Bridge)					
" and thickness						" (in way of Bridge)					
" Angle to Outside Plating						Wood Deck. Material & thickness					
" Floors						Second Deck Stringer Plate, br'dth & thickness					
" Brackets at intermdt. frmg., wdth & thkns						Angles on ditto, No. 1					
" Height of Outside Brackets above at bilge						Tie Plates outside Hatchways					
INNER BOTTOM PLATING, breadth & thickness of Middle Line Strake						Deck * Iron or Steel, for whole lng.					
" in Engine and Boiler space						" Wood Deck. Material & thickness					
" Remainder in Holds						Third Deck Stringer Plate, br'dth & thickness					
BEAMS, Upper Deck, Single Angle, Bulb						Angles on ditto, No.					
" Angle, Plate, Tee Bulb, or Channel						Tie Plates, outside Hatchways					
" In way of Long Bridge						Deck * Material and thickness					
" Spacing						Fourth and Fifth Deck Stringer Plate, breadth & thickness					
BEAMS, Second Deck, Single Angle, Bulb						Angles on ditto, No.					
" Angle, Plate, Tee Bulb, or Channel						Tie Plates outside Hatchways					
" Spacing						" Deck. Material & thickness					
BEAMS, Third and Fourth Deck, Single Angle						Poop Deck Stringer Plate, breadth & thickness					
" Bulb Angle, Plate, Tee Bulb, or Channel						Angle on ditto					
" Angles on upper edge						Tie Plates					
" Spacing						" Deck. Material and thickness					
BEAMS, Poop Deck, Angle, Bulb Angle, Plate						Bridge Deck Stringer Plate, br'dth & thickness					
" Tee Bulb, or Channel						Angle on ditto					
" Angles on upper edge						Tie Plates					
" Spacing						" Deck. Material and thickness					
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate						Forecastle Deck Stringer Plate, br'dth & th'kns					
" Tee Bulb, or Channel						Angle on ditto					
" Angles on upper edge						Tie Plates					
" Spacing						" Deck. Material and thickness					
BEAMS, Forecastle Deck, Angle, Bulb Angle											
" Plate, Tee Bulb, or Channel											
" Angles on upper edge											
" Spacing											

\* If Iron or Steel Deck, state if whole or part, and if Wood Deck is laid thereon.



IS A DONKEY BOILER FITTED? *no.*

If so, is a report now forwarded?

SPARE GEAR. State the articles supplied:— Two crosshead bolts & nuts. Two crank pin bolts & nuts. Two main bearing bolts & nuts. Set coupling bolts & nuts. Feed & bilge pump valves. Set piston springs. Assorted bolts & nuts. Iron of various sizes.

The foregoing is a correct description,

OSAKA IRON WORKS, LTD.

*T. Yamaguchi* Manufacturer.

MANAGING DIRECTOR.

Dates of Survey while building { During progress of work in shops -- 14 Mar. 26 Apr. 10 June 4. 24 July. 14. 18. 28 Aug. 15. 25. 27 Sept. 5. 18. 23 Oct  
During erection on board vessel -- 9. 16. 30 Nov. 13. 23 Dec. 1916. 7. 16. 30 Jan. 26. 9. 14. 21. 24. 27 Feb. 3. 8. 14. 18. 20. 21 Mar.  
Total No. of visits 2 April. 1917  
Is the approved plan of main boiler forwarded herewith *Cent with Rpt No 1737 on 3/3*  
" " " *Next day* " " " *Tenusho Maru*

Dates of Examination of principal parts—Cylinders 15/9/16 etc Slides 5/10/16 etc Covers 5/10/16 etc Pistons 23/10/16 etc Rods 30/11/16 etc  
Connecting rods 30/11/16 etc Crank shaft 24/2/17 etc Thrust shaft 14/2/17 etc Tunnel shafts 21/2/17 etc Screw shaft 14/2/17 etc Propeller 9/2/17  
Stern tube 9/2/17 Steam pipes tested 14/3/17 Engine and boiler seatings 24/2/17 Engines holding down bolts 8/3/17  
Completion of pumping arrangements 20/3/17 Boilers fixed 14/3/17 Engines tried under steam 20/3/17 + 22/3/17  
Completion of fitting sea connections 24/2/17 Stern tube 9/2/17 Screw shaft and propeller 24/2/17  
Main boiler safety valves adjusted 20/3/17 Thickness of adjusting washers *lock nuts*  
Material of Crank shaft *Steel* Identification Mark on Do. *LLOYD'S 24.2.17 A.L.S. R* Material of Thrust shaft *Steel* Identification Mark on Do. *LLOYD'S 14.2.17 A.L.S. R*  
Material of Tunnel shafts *Steel* Identification Marks on Do. *LLOYD'S 21.2.17 7.2.17 A.L.S. R* Material of Screw shafts *Steel* Identification Marks on Do. *LLOYD'S 14.2.17 15.8.9.14.17 S.2 A.L.S. R*  
Material of Steam Pipes *Steel* Test pressure 540 lbs  
Is an installation fitted for burning oil fuel *No.* Is the flash point of the oil to be used over 150°F.

Have the requirements of Section 49 of the Rules been complied with?

Is this machinery duplicate of a previous case? *Yes* If so, state name of vessel *Pekin Maru Tenusho Maru Guri Maru Komasan Maru etc*

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

The machinery has been made & fitted under Special Survey in accordance with the requirements of the Rules & the materials & workmanship have been found good.

The machinery is eligible in my opinion for the record + LMC 4.17.  
A report upon the Electric Lighting is forwarded.

It is submitted that  
this vessel is eligible for  
THE RECORD. + LMC 4.17. F.D.

*Arthur Jones*  
Engineer Surveyor to Lloyd's Register of Shipping.

The amount of Entry Fee ... *yen 20* : When applied for,  
Special ... *yen 511* : *16 May 1917*  
Donkey Boiler Fee ... £ : : When received,  
Travelling Expenses (if any) £ : : *11.6.17 24/9*

Committee's Minute *FRI. 13 JUL. 1917*

Assigned

*+ LMC 4.17*

*F.D.*

MACHINERY CERTIFICATE  
WRITTEN



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Foundation