

With or Without

## STEEL STEAMER.

WED. 11 JUL. 1917

## Disconnected Erections.

State if Report is also sent on the Machinery of the Vessel *yes*Date of completion of report  
Survey held at

28 May 1917

Port of *Kobe*

Date, First Survey 14 Nov 1916

Last Survey 14 April 1917

No. 2023

1917

On the (State if Single, Twin, or Triple Screw)

Single Screw Steamer "Kaifuku Maru" Rig 2 masts

## TONNAGE under

Tonnage Deck...  
Do. between Tonnage Dk. and 3rd and 4th Dk.Total under Upper Dk. 2757.06  
Do. of Poop 46.59

Do. of R.Q.Dk. 176.33

Do. of Bridge House 41.07

Do. of Forecastle 44.89

Do. of Houses on Dk. 21.58

Do. of excess of Hatchways 63.56

Do. above Crown of Engine Room 3181.08

Gross Tonnage 114.48

Less Crew Space 1017.95

Less above Crown of Engine Room 36.19

Tonnage for Fees 38.56

Less Engine Room 1973.90

Less Navigation Spaces

Register Tonnage as cut on Beam

CLASS +100 A1

FEET.

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 21455

Depth "d," at middle of length (See Secs. 2 &amp; 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

Master

D. Niimi

Year of appointment

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

Built at

Innosshima

When built

1917-4 Launched 29 Mar 1917

By whom built

The Osaka Iron Works

Owners

G. Ratsuda

Managers

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

Residence

Kobe

Port belonging to

Kobe

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

LENGTH on Deck as per Rule	Feet.	Inches.	BREADTH—Moulded	Feet.	Inches.	DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams	Feet.	Inches.	No. of Decks with flat laid
305	0		43	9		Do. do. do. do. Second Dk. Beams	24	11 3/4	Two
							17	5 3/4	No. of Tiers of Beams
									Two

Dimensions of Ship per Register, Length 305.0 breadth 43.75 depth 27.25

Moulded depth, ft. 34 ins. 0 To Bridge Dk. Round of Upper Dk. Beam, Actual 110 3/4 ins.

Moulded depth, ft. 27 ins. 3 To Upper Dk.

FRAMING.							PILLARS.						
	Inches in Ship.	Inches in Ship.	Inches per Rule Or as	Inches per Rule	Inches per Rule			Inches in Ship.	Inches Spacing in Ship.	Inches in Ship.	Inches per Rule Or as	Inches per Rule	Inches per Rule
FRAME, Angles, or C or L Bars amidships	✓			✓			PILLARS, In 'tween Deck, size and spacing	8" 40	12 ft.	8" 40	12 ft.		
Do. in peaks <i>After peak B.A.</i>	✓	6 1/2	3 1/2	40	6 1/2	3 1/2	40	12" 50	12 ft.	12" 50	12 ft.		
Do. in way of Double Bottoms at Solid Floors...	✓						" " Hold	✓					
" " at intermdt. Bkts.	✓						" Quarter 'tween Dks.,	✓					
" " in peaks..	✓						" in Hold	✓					
Spacing of Frames from centre to centre amidships	✓						KEELSONS & STRINGERS.						
" " length to Collision bulkhead }	✓						CENTRE LINE KEELSON, Vertical Plate above }						
" " " " in peaks..	✓						floors, Through Plate, or Intercoastal Plate }	✓					
REVERSED FRAME, Angles.....	✓						" Rider Plate.....	✓					
Do. in way of Double Bottoms at Solid Floors...	✓						" Flat Plate Keel Angles .....	✓					
" " at intermdt. Bkts.	✓						" Horizontal Plates on Floors .....	✓					
FRAMING, depth of girder .....	✓						" Angles or Bulb Angles .....	✓					
FLOORS, depth and thickness of Floor Plate }	✓						SIDE KEELSONS, Number .....	✓					
at mid-line for 1/2 length amidships... }	✓						" Angles or Bulb Angles .....	✓					
" in way of Engine and Boiler Spaces .....	✓						" Plate above floors, for .....	✓					
thickness at the ends of vessel .....	✓						" Intercoastal Plate, for .....	✓					
depth at 3/4 the half breadth, as per Rule ...	✓						" Attached to outside Plating with Angle ...	✓					
height extended at the Bilges .....	✓						BILGE KEELSON, Angles .....	✓					
FLOORS in Cell. Double Bottoms <i>B.S. 44</i>	✓						" Intercoastal Plate for .....	✓					
state if flanged (top & bottom).....	✓						" Attached to outside Plating with Angle ...	✓					
Spacing of Solid floors .....	✓						SIDE STRINGERS, Number .....	✓					
CENTRE GIRDER, in Dbl. bottom, dpth. & thcknss.	✓						" Angle .....	✓					
" Angles, Top .....	✓						" Intercoastal Plate, for .....	✓					
" Bottom.....	✓						" Attached to outside plating with Angle.....	✓					
" to Floors <i>Single</i> .....	✓						Upper Deck Stringer Plate, br'dth & thickness }	49-30-52	40	49-30-52	40		
Brackets at intermdt. frmg., wdth & thcknss	✓						(clear of Bridge) }	49	42	49	42		
SIDE GIRDERS, number on each side & thickness	✓						br'dth & thickness }	4 1/2 x 4 1/2	54	4 1/2 x 4 1/2	54		
state if flanged (top and bottom).....	✓						(in way of Bridge) }	3 1/2 x 3 1/2	38	3 1/2 x 3 1/2	38		
Angles (top and bottom) .....	✓						Angle (clear of Bridge) ...	✓					
" to Floors.....	✓						" <del>Tie Plates outside of Hatchways for</del>	✓					
MARGIN PLATE, depth (exclusive of flange) }	✓						Deck * <del>Iron</del> Steel, for <i>whole</i> lng.	34-30		34-30			
and thickness.....	✓						" Thickness (clear of Bridge) .....	34	✓	34	✓		
Angle to Outside Plating.....	✓						" (in way of Bridge) .....						
" Floors <i>Double</i> .....	✓						Wood Deck. Material & thickness	✓					
Brackets at intermdt. frmg., wdth & thcknss	✓						Second Deck Stringer Plate, br'dth & thickness	52	34	52	34		
Height of Outside Brackets above at bilge	✓						" Angles on ditto, No. ....	3 1/2 x 3 1/2	42	3 1/2 x 3 1/2	42		
INNER BOTTOM PLATING, breadth and }	✓						" Tie Plates outside Hatchways .....	✓					
thickness of Middle Line Strake }	✓						Deck * Iron or Steel, for <i>whole</i> lng.	✓		34	✓		
" 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, }	✓					
BEAMS, Second Deck, Single Angle, Bulb }	✓						breadth & thickness }	✓					
Angle, Plate, Tee Bulb, or Channel }	✓						" Angles on ditto, No. ....	✓					
" Spacing .....	✓						" Tie Plates outside Hatchways.....	✓					
BEAMS, Third and Fourth Deck, Single Angle, }	✓						" Deck. Material & thickness	✓					
Bulb Angle, Plate, Tee Bulb, or Channel }	✓						Poop Deck Stringer Plate, breadth & thickness	30	32	30	32		
" Angles on upper edge .....	✓						" Angle on ditto .....	3 x 3	32	3 x 3	32		
" Spacing .....	✓						" Tie Plates .....	✓					
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, }	✓						" Deck. Material and thickness	Steel	25				
<del>Angle, Plate, Tee Bulb, or Channel }</del>	✓						Bridge Deck Stringer Plate, br'dth & thickness	45	48	45	48		
" Angles on upper edge .....	✓						" Angle on ditto.....	4 1/2 x 4 1/2	54	4 1/2 x 4 1/2	54		
" Spacing .....	✓						" Tie Plates.....	✓					
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, }	✓						" Deck. Material and thickness	Steel	30				
Tee Bulb, or Channel.....	✓						Forecastle Deck Stringer Plate, b'dth & th'kns	30	32	30	32		
" Angles on upper edge .....	✓						" Angle on ditto.....	3 x 3	32	3 x 3	32		
" Spacing .....	✓						" Tie Plates .....	✓					
BEAMS, Forecastle Deck, Angle, Bulb Angle, }	✓						" Deck. Material and thickness	3" O.P.		3" O.P.			
Plate, Tee Bulb, or Channel.....	✓												
" Angles on upper edge .....	✓												
" Spacing .....	✓												

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**PARTICULARS OF LONGITUDINAL FRAMING.**

FRAMING.		AMIDSHIPS.			ENDS.			AMIDSHIPS.			ENDS.			RIVETING.				
		In Ship.			In Ship.			Per Rule or as approved.			Per Rule or as approved.			Rivets in Longitudinal Frames. Diam. Spacing Ins. Ins.	Spacing of Rivets on each side of Transverses and Bulkheads. Inches.	Rivets in Brackets to Bulkheads.		
		Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Number.			Diameter. Inches.		
Framing of L, L or C		✓			✓			✓			✓			✓				
Frames in Bridge 'tween Decks		6 1/2 3 1/2 40			6 3 1/2 36			6 3 1/2 40			6 3 1/2 36			7/8 5 1/4			5 1/4 5 7/8	
Frames from Uppermost Continuous Deck		" " " "			" " " "			" " " "			" " " "			" " " "			" " " "	
Framing from Awning, Shelter or Upper Deck to Margin Plate.		" 2			" " " "			" " " "			" " " "			" " " "			" " " "	
		" 3			" 3 1/2 36			" 3 1/2 40			" 3 1/2 36			" " " "			" 6 " "	
		" 4			" 7 1/2 3 1/2 44			" 7 1/2 3 1/2 44			" 7 1/2 3 1/2 40			" 4 3/8			" 4 3/8 " "	
		" 5			" 8 1/2 3 1/2 44			" 8 1/2 3 1/2 44			" 8 1/2 3 1/2 40			" " " "			" 7 " "	
		" 6			" 9 3 1/2 44			" 8 1/2 3 1/2 44			" 9 3 1/2 44			" 3 1/2			" 3 1/2 " "	
		" 7			" 9 3 1/2 50			" 9 3 1/2 46			" 9 3 1/2 50			" " " "			" 8 " "	
		" 8			" 9 1/2 3 1/2 70			" 9 1/2 3 1/2 62			" 9 1/2 3 1/2 56			" 9 1/2 3 1/2 52			" " " "	
		" 9			" 7 3 1/2 40			" 7 3 1/2 36			" 7 3 1/2 40			" 7 3 1/2 36			" 6 " "	
		" 10			" " " "			" " " "			" " " "			" " " "			" " " "	
		" 11			" " " "			" " " "			" " " "			" " " "			" " " "	
Spacing of Longitudinal Frames		Amidships 30			At Ends 30			Amidships 30			At Ends 30							
Double Bottoms L, L or C		Tank Top Longitudinals 7 3 40			Bottom 7 3 36			Amidships 7 3 40			At Ends 7 3 36			7/8 5 1/4				
Spacing of Longitudinals		Amidships 30			At Ends 30			Amidships 30			At Ends 30							
Transverses.																		
In Bridge 'tween Decks		Depth and Thickness 14 38			14 38			14 38			14 38							
		Face Angles B.A. 7 3 1/2 48			7 3 1/2 48			7 3 1/2 48			7 3 1/2 48							
		Lugs to Shell 3 1/2 3 1/2 38			3 1/2 3 1/2 38			3 1/2 3 1/2 38			3 1/2 3 1/2 38			7/8 4 3/8				
In Awning, Shelter or Upper 'tween Decks.		Depth and Thickness 16 38			16 38			16 38			16 38							
		Face Angles 8 3 1/2 64			8 3 1/2 64			8 3 1/2 64			8 3 1/2 64							
		Lugs to Shell 3 1/2 3 1/2 40			3 1/2 3 1/2 40			3 1/2 3 1/2 40			3 1/2 3 1/2 40			7/8 4 3/8				
In Hold.		Depth and Thickness 23-29 48			23-29 48			23-29 48			23-29 48							
		Face Angles 9 3 1/2 58 70			9 3 1/2 58			9 3 1/2 58			9 3 1/2 58							
		Lugs to Shell 6 6 46			6 6 46			6 6 46			6 6 46			7/8 4 3/8			Double lugs for 4 frames spaces above bilge & to 2nd BK in No 1 hold	
Brackets		3 34			3 34			3 34			3 34							
Spacing of Transverse Frames		12 ft. as per profile			Joggled													
Longitudinal Beams of L, L or C		B.A. Bridge Deck 6 3 36			5 1/2 3 36			6 3 36			5 1/2 3 36			36				
		B.A. Upper 6 1/2 3 40			6 1/2 3 36			6 1/2 3 40			6 1/2 3 36			39-30				
		B.A. Second 7 1/2 3 40			7 3 36			7 1/2 3 40			7 3 36			48-42				
		Third																

The particulars of framing in peaks (if ordinary), Floors, Centre Girder, Side Girders and Margin Plate and their angle attachments, etc., to be entered in their respective places provided for on the Report Forms.

NOTE:—This slip to be pasted on the fourth page of the Report, and reference to same to be made under framing, etc., on the first page.

**PARTICULARS FOR RECORD in the REGISTER BOOK.**—Length of Poop 19 ft., R.Q.D. ft., Bridge 82 ft., Forecastle 32 ft. (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated.

No. and Material of Decks (if Iron or Steel) and whether wholly or partially covered with wood, and No. of tiers of Beams (this information is to be given as it should appear in the Register Book) *Two Decks (Steel)*

Official No. ; Signal Letters State if Machinery is fitted aft No. How are the surfaces preserved from oxidation? Inside *Cement & paint* Outside *Paint*

**PARTICULARS OF WATER BALLAST.**—State whether the Double bottom is constructed on the cellular system or with girders on floors.

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	101.0	180.0	Fore peak tank,		
Double bottom, under Engines and Boilers,			After peak tank,		
Double bottom, if under Engines only,			Deep tank, aft,	25	534
Double bottom, if under Boilers only, <i>On Tank</i>	(16.1)	(45.0)	Deep tank, forward,		
Double bottom, forward, <i>No 1. 60'-85 1/2 T.</i>	138.0	293.5	Other tanks, if fitted,		
<i>No 2. 78'-208 T.</i>			(If necessary, furnish further information by sketch.)		
Total capacity of double bottom		518.5			

\* The wells are not to be included in the lengths of the tanks. State whether the above have been tested as required by the Rules. *Yes*

Order for Special Survey No. *14. 16. 21. 23. 29. 30 Nov; 12. 17. 21 Dec 1916.*  
 Date *16. 23. 30 Jan; 28 Feb. 1. 10. 14. 18. 24. 29 March. 1st 13. 14 April*  
 No. *911* in builder's yard.

Surveyor's Signature

*Arthur L. Jones*

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Total No. of Visits 22

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