

STEEL STEAMER.

Received at London Office *THU 20 APR. 1916*

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

Date of completion of report 11th March 1916

Port of Kobe

Survey held at

Date, First Survey 1st June 1915.

Last Survey

18th Feb No. 1759 1916

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

Na ~~Steer~~ Single Screw Steamer "Kosoku Maru" Date, First Survey June 1913

Rig 2 masts

Schoon

TONNAGE under

CLASS + 100 A1

FEET.

Master K. Kitaoaka

Year of appointment

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

Do. between Tonnage I

and 3rd and 4th Dk.

Total under Upper U

Breadth (greatest moulded)..... 43.75

43.75

Built at *Osaka*

When built 1916 Launched 15th Jan'y. 1916

By whom built The Oaka Iron Works, Inc.

Owners Itiroumi Shoji Kabushiki Kaisha

Managers

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

Residence

Port belonging to Nishinomiya

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

LENGTH on Deck as per Rule	Feet. 305	Inches. 0	BREADTH— Moulded	Feet. 43	Inches. 9	DEPTH, ACTUAL— Top of Floors to top of Upper Dk. Beams Do. do. do. do.	Feet. 24	Inches. 11 3/4	No. of Decks with flat laid No. of Tiers of Beams	2 2
						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)		
Dimensions of Ship per Register. Length 305·0 breadth 43·75 depth 27·25 .										
Inches. Inches. Inches. Inches.										

FRAMING.			PILLARS.		
	Inches in Ship.	Inches in Ship.		Inches in Ship.	Inches in Ship.
FRAME, Angles, or \square or \angle Bars amidships			PILLARS, In 'tween Deck, size and spacing	8" 40	12 ft
Do. in peaks	6 1/2	3 1/2	" " Hold	12" 50	12 ft
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.	Inches in Ship.	Inches in Ship.
" " from 1/2 length to Collision bulkhead			CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercostal Plate		
" " 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 at mid-line for 1/2 length amidships			" Angles or Bulb Angles		
" in way of Engine and Boiler Spaces			" Plate above floors, for length		
" thickness at the ends of vessel			" Intercostal Plate, for length		
" depth at 1/2 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	8.5	4.4	" Intercostal Plate for length		
" state if flanged (top & bottom)	No.	No.	" Attached to outside Plating with Angle		
" Spacing of Solid floors	42	42	SIDE STRINGERS, Number		
CENTRE GIRDER, in Dbl. bottom, dpth. & thcknss.	38	58	" Angle		
" Angles, Top	3 1/2	3 1/2	" Intercostal Plate, for length		
" Bottom	4	4	" Attached to outside plating with Angle		
" to Floors	5	5	Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)	49-36	52-40
Brackets at intermdt. frmg., wdth & thcknss	0.4	0.4	" " " " (br'dth & thickness)	42	42
SIDE GIRDERS, number on each side & thickness	No.	No.	" " " " (in way of Bridge)	4 1/2 x 4 1/2	5 1/2 x 5 1/2
" state if flanged (top and bottom)	3 1/2	3 1/2	" " " " Angle (clear of Bridge)	3 1/2 x 3 1/2	3 1/2 x 3 1/2
" Angles (top and bottom)	3	3	" " " " Tie Plate at sides of Hatchways	34-30	34-30
" to Floors	30	40	" Deck. * Iron or Steel, for whole lng.	34	34
MARGIN PLATE, depth (exclusive of flange) and thickness	3 1/2	3 1/2	" Thickness (clear of Bridge)		
" Angle to Outside Plating	5	5	" " " " (in way of Bridge)		
" Floors	3 1/2	3 1/2	" Wood Deck. Material & thickness	52	52
Brackets at intermdt. frmg., wdth & thcknss	3 1/2	3 1/2	Second Deck Stringer Plate, br'dth & thickness	3 1/2 x 3 1/2	42-40
Height of Outside Brackets above at bilge	38	44	" Angles on ditto, No.		
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	E.S.	44	" Tie Plates outside Hatchways		
" in Engine and Boiler space			" Deck. * Iron or Steel, for whole lng.	34	34
" Remainder in Holds			" Wood Deck. Material & thickness		
BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel			Third Deck Stringer Plate, br'dth & thickness		
" In way of Long Bridge			" Angles on ditto, No.		
" Spacing			" Tie Plates, outside Hatchways		
BEAMS, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel			" Deck. * Material and thickness		
" Spacing			Fourth and Fifth Deck Stringer Plate, breadth & thickness		
BEAMS, Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel			" Angles on ditto, No.		
" Angles on upper edge			" Tie Plates outside Hatchways		
" Spacing			" Deck. Material & thickness		
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	5 1/2	3	Poop Deck Stringer Plate, breadth & thickness	30	30
" Angles on upper edge	24	24	" Angle on ditto	3 x 3	3 x 3
" Spacing			" Tie Plates		
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel			" Deck. Material and thickness	25	25
" Angles on upper edge			Bridge Deck Stringer Plate, br'dth & thickness	45	45
" Spacing			" Angle on ditto	4 1/2 x 4 1/2	4 1/2 x 4 1/2
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel			" Tie Plates		
" Angles on upper edge			" Deck. Material and thickness	30	30
" Spacing			Forecastle Deck Stringer Plate, br'dth & th'kns	30	30
			" Angle on ditto	3 x 3	3 x 3
			" Tie Plates		
			" Deck. Material and thickness	3" O.P.	3" O.P.

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

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WEB FRAMES. In Fore Body, No. and spacing. No. of Side Stringers. WEB-FRAMES, In E. & B. Space, No. & spacing. WEB-FRAMES, In After Body, No. and spacing. No. of Side Stringers. BRACKET PLATES to Stringers between Web Frames, depth and thickness. BULKHEADS. Number, Thickness, Horizontal, Vertical, Single or Double Frames, Height up, state deck. W.T. BULKHEADS. A.P., B.P., C.P., F. hold. COLLISION PARTITION LONGITUDINAL. PLATING. STRAKES. AS IN SHIP. PER RULE OR AS APPROVED. EDGES. BUTTS. RIVETING. UPPER DECK STRINGER PLATE. SECOND DECK STRINGER PLATE. FRAMES extend in one length from to. REVERSED FRAMES on floors and frames extend from. MASTS, SPARS, &c. LOWER MASTS. Bowsprit. Topmasts, Xmas and Remainder of Spars. Rigging, Material and Size, Shrouds. Sails. Suit of.

EQUIPMENT No. 22615. LETTER C. ANCHORS. TONNAGE U.D.K. OR PLATING No. FOR TRAWLERS. CHAIN CABLES. HAWSERS AND WARPS. Boats 2 life. 25 ft x 7' 3" x 3' 3". Steering Gear, Steam By Builders. Steering Gear, Hand By Builders. Pumps, Number 2. Windlass is By Builders. Engine Room Skylights. Coal Bunker Openings. Number of Scuppers. Ceiling in Holds. Cargo Hatchways. State size No. 1 Hatch. Number of Web Plates. Bulwarks. Correspondence. Workmanship. General Remarks. The Surveyor should state the Number of Report and Name of any Sister Vessel. The amount of Entry Fee. Special Survey Fee. Travelling Expenses. State whether the Vessel has been built under Special Survey. I am of opinion this Vessel should be Classed. With, or without Freeboard, as condition of Class. Committee's Minute. Character assigned. Lloyd's accp. + L.M.C. 2.16. F.D.

Longitudinal Framing as approved & fitted

Framing	Amidships	Ends	Rivets in frames Dia Spacing	Spacing of each side Trans & Longs	Rivets in brackets to bulkheads
Frames in Bridge & Forecastle	6 x 3½ x 40	6 x 3½ x 36	7/8	5¼	5 rivets 7/8" dia
" from upper deck No. 1.	6 x 3½ x 40	6 x 3½ x 36	7/8	5¼	5 " " "
" " " " 2.	6 x 3½ x 40	6 x 3½ x 36	7/8	5¼	5 " " "
" " " " 3.	7 x 3½ x 40	7 x 3½ x 36	7/8	5¼	6 " " "
" " " " 4.	7½ x 3½ x 44	7½ x 3½ x 40	7/8	4¾-5¼	6 " " "
" " " " 5.	8½ x 3½ x 44	8½ x 3½ x 40	7/8	4¾-5¼	7 " " "
" " " " 6.	9 x 3½ x 44	8½ x 3½ x 44	7/8	3½-5¼	7 " " "
" " " " 7.	9 x 3½ x 50	9 x 3½ x 46	7/8	3½-4¾	8 " " "
" " " " 8.	9½ x 3½ x 56	9½ x 3½ x 52	7/8	3½-4¾	8 " " "
" " " " 9.	7 x 3½ x 40	7 x 3½ x 36	7/8	3½-5¼	6 " " "
" " " " 10.	7 x 3½ x 40	7 x 3½ x 36	7/8	3½-5¼	6 " " "

Double	Tank top longitudinal	$7 \times 3 \times 40$	$7 \times 3 \times 36$	Spacing of longitudinals amidships $30''$	
bottom	Bottom "	$7\frac{1}{2} \times 3\frac{1}{2} \times 40$	$7 \times 3 \times 40$		" " " at ends $30''$

Longitudinal { Bridge & fore. dks.	6 x 3 x 36	5½ x 3 x 36	Spaced 36"	Transverse	11 x 36 ft.	7 x 3½ x 48"
beams { Upper deck	6½ x 6 x 3 x 40	6½ x 3 x 36	" 30 x 30"	beams	12 x 38 "	8 x 3½ x 64 "
of { 2nd deck	7½ x 7 x 3 x 40	7 x 3 x 36	" 48 x 42"		12 x 38 "	9 x 3½ x 58 "

Transverses	Amid.	Ends	Rivets in laps to shell
In Bridge { Depth & thickness	14 x 38		
'tween dks. { Jace angles 7	7 x 3½ x 48		7/8 @ 5 diam
{ Laps to shell	3½ x 3½ x 38		
Upper 'tween { Depth & thickness	16 x 38	Same	
decks { Jace angles 7	8 x 3½ x 64	"	
{ Laps to shell	3½ x 3½ x 40	"	7/8 @ 5 diam ✓
In holds { Depth & thickness	23 x 48 x 24, 27, 28, 29	"	
{ Jace angles 7	9 x 3½ x 58 x 70	"	
{ Laps to shell	6 x 6 x 46	Same	7/8 @ 5 diam
{ Brackets at	34 flanged	"	
{ tank margin	3" at op. edge	"	

Spacing of transverses 12 ft & as per profile /
Laps to shell are joggled.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 19 ft., R.Q.D. ✓ ft., Bridge 82 ft., Forecastle 32.2 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) 2 dks (stl)
Official No. 18924 ; Signal Letters M.W.R. 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, No 4	84.5	134	Fore peak tank,		76
Double bottom, under Engines and Boilers, 3	32.5	91	After peak tank,		20
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward, No 2. 208 tons No 1. 85½ tons	138.0	293.5	Other tanks, if fitted, FWT over thrust keels.		
78 ft. 60 ft. Total capacity of double bottom	518.5		(If necessary, furnish further information by sketch.)		

* 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.

Date 29 April 1915

No. 867 in builder's yard.

DATES OF SURVEYS held while building

6 June 1915 stem frame test.
22 Sept. 5th 14th 20th 29th Oct. 19th 26th 29th Nov. 6th 22nd 25th 28th 30th Dec 1915
12th 14th Jan. 3rd 9th 11th 18th Feb. 1916

Surveyor's Signature

Arthur L. Jones

Total No. of Visits 20

Lloyd's Register Foundation