

With or Without Disconnected Erections.

STEEL STEAMER.

Received at London Office MON. 21 FEB. 1921

Date of completion of report 13th December 1920 Port of Kobe
Survey held at Osaka, Japan Date, First Survey July 25th Last Survey Dec 7th 1920.
Rig Two masts.

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

TONNAGE under Tonnage Deck...	
Do. between Tonnage Dk. and 3rd and 4th Dk.	
Total under Upper Dk.	2008.44
Do. of Poop	85.72
Do. of R.Q. Dk.	
Do. of Bridge House	235.82
Do. of Forecastle	18.90
Do. of Houses on Dk.	123.82
Do. of excess of Hatchways	18.17
Do. above Crown of Engine Room	16.80
Gross Tonnage	2568.12
Less Crew Space	132.06
Less above Crown of Engine Room	
TONNAGE FOR FEES	
Less Engine Room	821.80
Navigation Spaces	29.74
LAST SPACES	16.04
er Tonnage on Beam	1567.46

CLASS 100.A.I.

Breadth (greatest moulded)	42.5
Depth, at middle of length from top of keel to top of upper deck beams at side	23.0
Transverse Number	65.5
Length on deck from fore part of stem to after part of stern post	284.5
Longitudinal Number	18634.75
Depth "d," at middle of length (See Secs. 2 & 13)	11.92
Proportions—Depths to Length—Upper Deck Beam at side to top of keel	12.37
" " Long Bridge Deck Beam at side to top of keel	9.33

Master

Year of appointment (1) As Master in service of owner of present vessel—19 (2) As Master of this vessel—1

Built at Osaka, Japan.
When built 1920 Launched 23rd Oct. 1920
By whom built Osaka Ironworks Ltd
Owners Osaka Shoen Kaisha
Managers (Where necessary to be entered in Reg. Book.)
Residence Osaka
Port belonging to Osaka, Japan

Destined Voyage

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

Tonnage on Beam		1561 70		Destined to		Age																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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FRAMING.				PILLARS.				KEELSONS & STRINGERS.					
	Inches in Ship	Inches in Ship	Inches in Ship	Inches per Rule Or as	Inches per Rule	Inches per Rule		Inches in Ship	Inches in Ship	Inches in Ship	Inches per Rule Or as	Inches per Rule	Inches per Rule
ME, Angles, Equal Bars amidships	7	3 1/2	42	7	3	42	PILLARS In 'tween Deck, size and spacing						
in peaks	7	3 1/2	42	7	3	42	" " Hold						
in way of Double Bottoms at Solid Floors	3 1/2	3 1/2	42	3 1/2	3 1/2	42	" " Quarter 'tween Dks.,						
" " at intermdt. Bkts.	5	3 1/2	42	5	3 1/2	42	" " in Hold						
ing of Frames from centre to centre amidships	24		24			24	KEELSONS & STRINGERS.						
" " length to Collision bulkhead	24		24			24	CENTRE LINE KEELSON, Vertical Plate above						
" " in peaks	3	3	4 1/2	3	3	4 1/2	floors, Through Plate, or Intercostal Plate						
ERSED FRAME, Angles, FORE PEAK ONLY	3 1/2	3 1/2	42	3 1/2	3 1/2	42	" Rider Plate						
in way of Double Bottoms at Solid Floors							" Flat Plate Keel Angles						
" " at intermdt. Bkts.							" Horizontal Plates on Floors						
ING, depth of girder	5		5			5	" Angles or Bulb Angles						
ORS, 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 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	37	1	34	44	05	37	BILGE KEELSON, Angles						
ORS in Cell. Double Bottoms							" Intercostal Plate for length						
state if flanged (top and bottom)	48	24	05	48	24	05	" Attached to outside Plating with Angle						
Spacing of Solid floors	37	1	34	44	05	37	SIDE STRINGERS, Number						
TRE GIRDER, in Dbl. bottom, dpth. & thickness	48	24	05	48	24	05	" Angle						
" Angles, Top	37	1	34	44	05	37	" Intercostal Plate, for length						
" Bottom	48	24	05	48	24	05	" Attached to outside plating with Angle						
" to Floors	37	1	34	44	05	37	Upper Deck Stringer Plate, br'dth & thickness						
Brackets at intermdt. frmg., wdth & thkns	48	24	05	48	24	05	" " " " (clear of Bridge)						
E GIRDERS, number on each side & thickness	37	1	34	44	05	37	" " " " (br'dth & thickness in way of Bridge)						
state if flanged (top and bottom)	48	24	05	48	24	05	" " " " Angle (clear of Bridge)						
Angles (top and bottom)	37	1	34	44	05	37	" Tie Plate at sides of Hatchways						
" " to Floors	48	24	05	48	24	05	" Deck, * Iron or Steel, for Whole lng.						
GIN PLATE, depth (exclusive of flange)	37	1	34	44	05	37	" Thickness (clear of Bridge)						
" " and thickness	48	24	05	48	24	05	" " " " (in way of Bridge)						
" " Angle to Outside Plating	37	1	34	44	05	37	" Wood Deck, Material & thickness						
" " Floors	48	24	05	48	24	05	Second Deck Stringer Plate, br'dth & thickness						
Brackets at intermdt. frmg., wdth & thkns	37	1	34	44	05	37	" Angles on ditto, No.						
Height of Outside Brackets above	48	24	05	48	24	05	" Tie Plates outside Hatchways						
ER BOTTOM PLATING, breadth and thickness of Middle Line Strake	37	1	34	44	05	37	" Deck, * Iron or Steel, for Whole lng.						
" " in Engine and Boiler space	48	24	05	48	24	05	" Wood Deck, Material & thickness						
" " Remainder in Holds	37	1	34	44	05	37	Third Deck Stringer Plate, br'dth & thickness						
MS, Upper Deck, Single Angle, Bulb	48	24	05	48	24	05	" Angles on ditto, No.						
Angle, Plate, Tee Bulb, or Channel	37	1	34	44	05	37	" Tie Plates, outside Hatchways						
In way of Long Bridge	48	24	05	48	24	05	" Deck, * Material and thickness						
Spacing	37	1	34	44	05	37	Fourth and Fifth Deck Stringer Plate, br'dth & thickness						
MS, Second Deck, Single Angle, Bulb	48	24	05	48	24	05	" " " " Angles on ditto, No.						
Angle, Plate, Tee Bulb, or Channel	37	1	34	44	05	37	" " " " Tie Plates outside Hatchways						
Spacing	48	24	05	48	24	05	" " " " Deck, Material & thickness						
MS, Third and Fourth Deck, Single Angle, Bulb	37	1	34	44	05	37	Poop Deck Stringer Plate, breadth & thickness						
Angle, Plate, Tee Bulb, or Channel	48	24	05	48	24	05	" Angle on ditto						
Angles on upper edge	37	1	34	44	05	37	" Tie Plates						
Spacing	48	24	05	48	24	05	" Deck, Material and thickness						
MS, Poop Deck, Single Angle, Bulb	37	1	34	44	05	37	Bridge Deck Stringer Plate, br'dth & thickness						
Angle, Plate, Tee Bulb, or Channel	48	24	05	48	24	05	" Angle on ditto						
Angles on upper edge	37	1	34	44	05	37	" Tie Plates						
Spacing	48	24	05	48	24	05	" Deck, Material and thickness						
BEAMS, Bridge Deck, Single Angle, Bulb	37	1	34	44	05	37	Forecastle Deck Stringer Plate, br'dth & th'kns						
Angle, Plate, Tee Bulb, or Channel	48	24	05	48	24	05	" Angle on ditto						
Angles on upper edge	37	1	34	44	05	37	" Tie Plates						
Spacing	48	24	05	48	24	05	" Deck, Material and thickness						
BEAMS, Forecastle Deck, Single Angle, Bulb	37	1	34	44	05	37							
Angle, Plate, Tee Bulb, or Channel	48	24	05	48	24	05							
Angles on upper edge	37	1	34	44	05	37							
Spacing	48	24	05	48	24	05							

Form No. 1A. WEB FRAMES. FORGINGS or CASTINGS. BULKHEADS. COLLISION PARTITION LONGITUDINAL. PLATING. STRAKES. RIVETING. BUTTS. Upper Deck Stringer Plate. Second Deck Stringer Plate. FRAMES extend in one length from. REVERSED FRAMES on floors and frames extend from. MASTS, SPARS, &c. LOWER MASTS. Bowsprit. Topmasts, Yards and Remainder of Spars. Rigging, Material and Size, Shrouds. Sails.

EQUIPMENT No. 19947-25. LETTER. ANCHORS. TONNAGE U.D.K. OR PLATING No. FOR TRAWLERS. CHAIN CABLES. HAWSERS AND WARPS. Boats. Steering Gear, Steam. Steering Gear, Hand. Pumps, Number. Diameter of Barrel. Windlass is. Engine Room Skylights. Coal Bunker Openings. Number of Scuppers. Ceiling in Holds. Cargo Hatchways. State size No. 1 Hatch. Number of Web Plates. Bulwarks, height above deck and description. Builder's Signature. Correspondence. Workmanship. Is the riveted work properly closed? Are the liners between the frames and plates solid single pieces? to plate, &c., conform well to each other? Are the butts of plating, Stringers, &c., properly shifted and lapped? Have all the upper and weather decks been tested as required by the Rules (Sec. 26, par. 20)? Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? General Remarks. This Vessel has been built under Special Survey in accordance with the Rules and Approved Plans and the Materials and Workmanship have been found good. Blue Prints of Midship Section, Profile and Decks are forwarded. Sister Vessels. "KOHOKO MARU" KOBE REPORT No. 1710. "KONAN MARU" " " " 1684. "FUKUKEN MARU" " " " 3026. The Surveyor should state the Number of Report and Name of any Sister Vessel. Plans to be forwarded with F.E. Report showing vessel as built. The amount of Entry Fee. Special Survey Fee. Travelling Expenses, if any. 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. Wark KLB. arCP. +LMC 12.30 7H. © 2020 Lloyd's Register 006248-006253-01751

GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 44.66 ft., R.Q.D. ☒ ft., Bridge 100.00 ft., Forecastle 9.83 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 per conditions should appear in the Register Book) 2 decks (Steel) 2 Tiers of Beams.

Official No. _____; Signal Letters _____

State if Machinery is fitted aft

How are the surfaces preserved from oxidation? Inside Paint + Cement.

Outside Paint.

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

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	<u>78.00</u>	<u>192.80</u>	Fore peak tank,	<u>15.83</u>	<u>36.30</u>
Double bottom, under Engines and Boilers,			After peak tank,	<u>8.00</u>	<u>22.30</u>
Double bottom, if under Engines only,	<u>20.00</u>	<u>33.40</u>	Deep tank, aft,	<u>18.00</u>	<u>232.20</u>
Double bottom, if under Boilers only,	<u>22.00</u>	<u>36.80</u>	Deep tank, forward,		
Double bottom, forward,	<u>120.00</u>	<u>290.40</u>	Other tanks, if fitted,		
Total capacity of double bottom		<u>623.60</u>	(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 _____

No. 983 in builder's yard.

DATES of Surveys held while building

June 25. July 12. 16. 21. Aug. 6. 10. 12. 16. 23. 30. Sep. 5. 9. 14. 20. 28. Oct. 6. Nov. 18. 19. Dec. 2. 7.

Surveyor's Signature

Surveyor's Register Foundation
Total No. of Visits 20