

With or Without Disconnected Erections.

STEEL STEAMER.

FRI JUL 29 1921

Received at London Office

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

Date of completion of report 18th May 1921
Survey held at OSAKA

Port of KOBE
Date, First Survey Nov^r 18th 1920

No. 3183
Last Survey 11th May 1921

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

STEEL SINGLE SCREW STEAMER. "BUSHO MARU"

Rig Two Masts

TONNAGE under

Tonnage Deck

Do. between Tonnage Dk.

and 3rd and 4th Dk.

Total under Upper Dk.

Do. of Poop

Do. of R.Q.Dk.

Do. of Bridge House

Do. of Forecastle

Do. of Houses on Dk.

Do. of excess of Hatchways

Do. above Crown of

Engine Room

Navigation Spaces

ALLAST SPACES

on Beam

CLASS 100 A.I.

FEET.

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

Destined Voyage

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

Master

Year of appointment

Built at OSAKA JAPAN

When built 1921 Launched MARCH 1921

By whom built OSAKA IRONWORKS LTD

Owners OSAKA SHOZEN KAISHA

Managers

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

Residence OSAKA

Port belonging to OSAKA

DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams	Feet.	Inches.	Feet.	Inches.	Feet.	Inches.	No. of Decks with flat laid
Do. do. do. do. Second Dk. Beams	284	6	42	6	20	9 1/2	2

Moulded depth, ft. 30 ins. 6	To Bridge Dk. Round of Upper Dk. Beam, Actual 10 1/2 ins.
Moulded depth, ft. 23 ins. 0	To Upper Dk.

FRAMING.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	PILLARS.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.
NAME, Angle, or Bars amidships	7 1/2	3	42	7 1/2	3	42	PILLARS In 'tween Deck, size and spacing	WIDE SPACED	PILLARS		

o. in peaks	7	3	42	7	3	42	" " Hold	"	"		
o. in way of Double Bottoms at Solid Floors	3 1/2	3 1/2	37 1/2	3 1/2	3 1/2	34	" Quarter 'tween Dks.	"	"		

" " at intermdt. Bkts.	5	3 1/2	37 1/2	5	3 1/2	38	" " in Hold	"	"	AS PER	PLAN.
ing of Frames from centre to centre amidships	24			24							

" " from 1/2 length to Collision bulkhead	24			24							
" " in peaks	24			24							

VERSED FRAME, Angles	3	3	5 1/2	3	3	32 L					
o. in way of Double Bottoms at Solid Floors	3 1/2	3 1/2	37 1/2	3 1/2	3 1/2	34					

" " at intermdt. Bkts.											
AMING, depth of girder	11. PEAKS			5							

DOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships											
" in way of Engine and Boiler Spaces											

" thickness at the ends of vessel											
" depth at 1/2 the half breadth, as per Rule											

" height extended at the Bilges											
DOORS in Cell. Double Bottoms	37	34	44 B.S.	37	34	44 B.S.					

" state if flanged (top and bottom)	flanged 3 1/2			flanged 3 1/2							
" Spacing of Solid floors	48	24 B.S.		48	24 B.S.						

CENTRE GIRDER, in Dbl. bottom, dpth. & thcknss.	37	46	38	56 B.S.	37	46	38	56 B.S.			
" Angles, Top	3 1/2	3 1/2	7 1/2	3 1/2	3 1/2	44	42				

" " Bottom	4	4	9 1/2	4	4	54	50				
" " to Floors	3 1/2	3 1/2	7 1/2	3 1/2	3 1/2	44	42				

" Brackets at intermdt. frmg., width & thcknss.	24	34	44 B.S.	24	34	44 B.S.					
DE GIRDERS, number on each side & thickness	2	34	44 B.S.	2	34	44 B.S.					

" state if flanged (top and bottom)	flanged 3 1/2			flanged 3 1/2							
" Angles (top and bottom)	3 1/2	3 1/2	7 1/2	3 1/2	3 1/2	34					

" " to Floors	3 1/2	3 1/2	7 1/2	3 1/2	3 1/2	34					
MARGIN PLATE, depth (exclusive of flange) and thickness											

" Angle to Outside Plating	3 1/2	3 1/2	7 1/2	3 1/2	3 1/2	40					
" " Floors	3 1/2	3 1/2	7 1/2	3 1/2	3 1/2	34					

" Brackets at intermdt. frmg., width & thcknss.	48	34	44 B.S.	48	34	44 B.S.					
Height of Outside Brackets above at bilge	27			27							

INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	37	44	36	37	44	36					
ING INCREASED 06 WHERE NO. INT. REV. WAS FITTED	42	45	52 B.S.	42	45	52 B.S.					

" Remainder in Holds	36	32	40	36	32	40					
BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	8	3 1/2	46	8	3	46					

" In way of Long Bridge	7	3	45	7	3	42					
" Spacing											

BEAMS, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	7	3 1/2	40	7	3	40					
" Spacing											

BEAMS, Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel											
" Angles on upper edge											

" Spacing											
BEAMS, Poop Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	7	3 1/2	44	7	3	44					

" Angles on upper edge											
" Spacing											

BEAMS, Bridge Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	8	3 1/2	42	8	3	42					
" Angles on upper edge											

" Spacing											
BEAMS, Forecastle Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	9	3 1/2	50	8 1/2	3	50					

" Angles on upper edge											
" Spacing											

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Form No. 1A. WEB FRAMES. FORGINGS OR CASTINGS. BULKHEADS. PLATING. RIVETING. FRAMES. MASTS, SPARS, &c.

EQUIPMENT No. 19947-25 LETTER S. ANCHORS. TONNAGE U. D. K. OR PLATING No. FOR TRAWLERS. CHAIN CABLES. HAWSERS AND WARPS. Boats. Steering Gear, Steam BUILDERS. Steering Gear, Hand 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. Builder's Signature. Correspondence. Workmanship. Are the butts of plating planed or otherwise fitted? Is the riveted work properly closed? Are the liners between the frames and plates solid single pieces? 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. The Materials and Workmanship have been found good. Blue Prints of Midship Section. Profile and Decks are forwarded. Sister Vessels. The Surveyor should state the Number of Report and Name of any Sister Vessel. 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. The Surveyors are requested not to write on or below the Committee's Minute.

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 33.83 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 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,	78.00	192.80	Fore peak tank,	15.83	36.30
Double bottom, under Engines and Boilers,			After peak tank,	8.00	22.30
Double bottom, if under Engines only,	20.00	5.33.48	Deep tank, aft,	18.00	232.20
Double bottom, if under Boilers only,	22.00	5.36.80	Deep tank, forward,		
Double bottom, forward,	120.00	290.40	Other tanks, if fitted,		
	Total capacity of double bottom	623.60	(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.

Order for Special Survey No.

Date

No. 985 in builder's yard.

DATES of Surveys held while building

1920. Nov. 13. 19. 26. 27. DEC. 2. 7. 14. 27. 29. JAN. 1921. 12. 17. 24. 27. FEB. 2. 15. 17. 23. 25. MAR. 1. 3. 14. 15. APRIL. 15. 22. MAY. 7. 11.

Surveyor's Signature

S. James Weston

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Total No. of Visits 26.

Lloyd's Register Foundation