

With or Without Disconnected Erections.

STEEL STEAMER.

TUE. 13 NOV. 1917

Received at London Office

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

Date of completion of report 3rd October 1917. Port of YOKOHAMA No. 2295.
Survey held at Uraga Japan. Date, First Survey 17th April Last Survey 30th September 1917.

On the (State if Single, Twin, or Triple Screw) Single screw steamer KOFUKU MARU Rig Schooner

TONNAGE under 4033.99

Tonnage Deck... Do. between Tonnage Dk. }
and 3rd and 4th Dk. }

Total under Upper Dk. 4033.99

Do. of Poop 79.92

Do. of R.Q.Dk. xxx

Do. of Bridge House 286.51

Do. of Forecastle 68.52

Do. of Houses on Dk. 195.14

Do. of excess of Hatchways 60.28

No. above Crown of 102.16

ine Room .. 4736.52.

Tonnage 191.80

new Space 102.14

ave Crown of 102.14

ne Room .. 1030.44

ine Room .. 56.53

er Tonnage 3394.44

on Beam ..

CLASS + 100 A I

FEET.

Breadth (greatest moulded) 51 - 0

Depth, at middle of length from top of keel to top of upper deck beams at side 28 - 4 32

Transverse Number 79.45

Length on deck from fore part of stem to after part of stern post 360 - 0

Longitudinal Number 28602

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 12.65

" " Long Bridge Deck Beam at side to top of keel 9.88

Destined Voyage America

Master

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

Built at

URAGA

When built

1917

Launched

3rd Sept.

By whom built

URAGA DOCK CO.

Owners

Hiroumi Nisaburo K.K.

Managers

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

Residence

Osaka

Port belonging to

Uraga

If Surveyed while Building, Afloat, or in Dry Dock Yes
at centre of beams amidships

FEET.	INCHES.	BREADTH—	FEET.	INCHES.	DEPTH, ACTUAL—	FEET.	INCHES.	No. of Decks with flat laid	No. of Tiers of Beams
360	0	Moulded	51		Do. do. do. do.	28	4 32	none	2

Moulded depth, ft. 36 ins. 4 32 To Bridge Dk. Round of Upper 12 1/2 ins.
Moulded depth, ft. 28 ins. 4 32 To Upper Dk. Dk. Beam, Actual)

Dimensions of Ship per Register, Length 360 breadth 51 depth 28.45

FRAMING. Inches in Ship. Inches in Ship. Inches in Ship. Inches per Rule or as Approved. Inches per Rule or as Approved.

ME, Angles, or Bars amidships 9 3 1/2 .52 9 3 1/2 .52

in peaks 7 3 1/2 .42 7 3 1/2 .42

in way of Double Bottoms at Solid Floors 3 1/2 3 1/2 .38 3 1/2 3 1/2 .38

" " at intermdt. Bkts. 8 3 1/2 .42 8 3 1/2 .42

ing of Frames from centre to centre amidships 25 1/2 25 1/2

" " from 1/2 length to Collision bulkhead 25 1/2 25 1/2

" " in peaks 24 24

ERSED FRAME, Angles 48 BR. None None

in way of Double Bottoms at Solid Floors 3 1/2 3 1/2 .38 3 1/2 3 1/2 .38

" " at intermdt. Bkts. 7 1/2 3 .42 7 1/2 3 .42

ING, depth of girder Bulbs only 9 9

RS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships 48 BR. 48 BR.

in way of Engine and Boiler Spaces 36 .38 .36 36 .38 .36

thickness at the ends of vessel 2 .36 .34 2 .36 .34

depth at 1/2 the half breadth, as per Rule 39 39

height extended at the Bilges 41 .48 .40 41 .48 .40

RS in Cell. Double Bottoms 38 to 36 BR. 48 .38 to 36 BR. 48

state if flanged (top & bottom) NO NO

Spacing of Solid floors Every 3rd frame Every 3rd frame

RE GIRDER, in Dbl. bottom, dpth. & thknss. 41 X 5 .40 41 X 5 .40

" Angles, Top BR. 68 Single 4 1/2 4 1/2 .58 4 1/2 4 1/2 .58

" " Bottom double 4 1/2 4 1/2 .58 4 1/2 4 1/2 .58

" " to Floors BR. 48 single 5 5 .54 5 5 .54

Brackets at intermdt. frmg., wdth & thknss 36 .38 .36 36 .38 .36

GIRDERS, number on each side & thickness 2 .36 .34 2 .36 .34

" state if flanged (top and bottom) NO NO

" Angles (top and bottom) 3 1/2 3 1/2 .38 3 1/2 3 1/2 .38

" " to Floors 48 BR. 3 3 .38 3 3 .38

IN PLATE, depth (exclusive of flange) 44 44

" and thickness 7 4 .44 7 4 .44

" Angle to Outside Plating 54 BR. 54 BR.

" Floors None None

Brackets at intermdt. frmg., wdth & thknss 63 .38 .36 63 .38 .36

Height of Outside Brackets above at bilge 39 39

BOTTOM PLATING, breadth and thickness of Middle Line Strake 41 .48 .40 41 .48 .40

" " in Engine and Boiler space 54 BR. 46 ER. 54 BR. 46 ER.

" " Remainder in Holds 38 .34 38 .34

Upper Deck, Single Angle Bulb 7 3 .42 7 3 .42

Angle, Plate, Tee Bulb, or Channel 7 3 .42 7 3 .42

In way of Long Bridge every frame every frame

Spacing 8 3 .46 8 3 .46

Second Deck, Single Angle Bulb 8 3 .46 8 3 .46

Angle, Plate, Tee Bulb, or Channel every frame every frame

Third and Fourth Deck, Single Angle Bulb 9 3 .5 9 3 .5

Angle, Plate, Tee Bulb, or Channel 9 3 .5 9 3 .5

Angles on upper edge none none

Spacing alternate frames alternate frames

BEAMS, Poop Deck, Single Angle Bulb 9 3 .5 9 3 .5

Angle, Plate, Tee Bulb, or Channel 9 3 .5 9 3 .5

Angles on upper edge none none

Spacing alternate frames alternate frames

BEAMS, Bridge Deck, Single Angle Bulb 7 3 .40 7 3 .40

Angle, Plate, Tee Bulb, or Channel 7 3 .40 7 3 .40

Angles on upper edge none none

Spacing every frame every frame

BEAMS, Forecastle Deck, Single Angle Bulb 9 3 .5 9 3 .5

Angle, Plate, Tee Bulb, or Channel 9 3 .5 9 3 .5

Angles on upper edge none none

Spacing alternate frames alternate frames

PILLARS. Inches in Ship. Inches in Ship. Inches in Ship. Inches per Rule or as Approved. Inches per Rule or as Approved.

PILLARS, In 'tween Deck, size and spacing 48 X 48 48 X 48

" " Hold 4 angles wide spacing 4 angles wide

" " Quarter 'tween Dks., 6 X 6 6 X 6

" " in Hold 4 angle wide spacing 4 angle wide

KEELSONS & STRINGERS. Inches in Ship. Inches in Ship. Inches in Ship. Inches per Rule or as Approved. Inches per Rule or as Approved.

CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate None None

" Rider Plate None None

" Flat Plate Keel Angles None None

" Horizontal Plates on Floors None None

" Angles or Bulb Angles None None

SIDE KEELSONS, Number None None

" Angles or Bulb Angles None None

" Plate above floors, for length None None

" Intercoastal Plate, for length None None

" Attached to outside Plating with Angle None None

BILGE KEELSON, Angles None None

" Intercoastal Plate for length None None

" Attached to outside Plating with Angle None None

SIDE STRINGERS, Number None None

" Angle None None

" Intercoastal Plate, for length None None

" Attached to outside plating with Angle None None

Upper Deck Stringer Plate, br'dth & thickness 56 X 60 56 X 60

" " " " (clear of Bridge) 56 X 46 56 X 46

" " " " br'dth & thickness (in way of Bridge) 56 X 64 56 X 64

" " " " Angle (clear of Bridge) 46 X 42 ends 46 X 42 ends

" " " " Tie Plate at sides of Hatchways 40 X 32 40 X 32

" Deck, * Iron or Steel, for full lng. 40 X 32 40 X 32

" " Thickness (clear of Bridge) 40 40

" " (in way of Bridge) 40 40

" Wood Deck. Material & thickness None None

Second Deck Stringer Plate, br'dth & thickness 48 X 44 48 X 44

" Angles on ditto, No. 38 X 38 38 X 38

" Tie Plates outside Hatchways 30 X 42 ends 30 X 42 ends

" Deck, * Iron or Steel, for full lng. 30 30

" Wood Deck. Material & thickness None None

Third Deck Stringer Plate, br'dth & thickness 33 X 34 33 X 34

" Angles on ditto, No. 28 X 28 28 X 28

" Tie Plates, outside Hatchways 28 X 34 28 X 34

" Deck, * Material and thickness Org. Pine 3" 3" O.P.

Fourth and Fifth Deck Stringer Plate, breadth & thickness 33 X 34 33 X 34

" Angles on ditto, No. 28 X 28 28 X 28

" Tie Plates outside Hatchways 28 X 34 28 X 34

" Deck, Material & thickness Org. Pine 3" 3" O.P.

Poop Deck Stringer Plate, breadth & thickness 33 X 34 33 X 34

" Angle on ditto 28 X 28 28 X 28

" Tie Plates 28 X 34 28 X 34

" Deck, Material and thickness Org. Pine 3" 3" O.P.

Bridge Deck Stringer Plate, br'dth & thickness 50 X 50 50 X 50

" Angle on ditto 48 X 48 48 X 48

" Deck, wood sheathed 2 1/2" 2 1/2" W.S.

" Deck, Material and thickness Steel .34 .34

Forecastle Deck Stringer Plate, br'dth & th'kns 33 X 34 33 X 34

" Angle on ditto 28 X 28 28 X 28

" Tie Plates 28 X 34 28 X 34

" Deck, Material and thickness Org. Pine 3" 3" O.P.

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

[illegible]

EQUIPMENT NO.				LETTER				ANCHORS.				TONNAGE U.DK. OR PLATING No. FOR TRAWLERS.				
Number of Certificate.		Anchors.		WEIGHT EX STOCK		WEIGHT OF STOCK		TEST PER CERTIFICATE		WEIGHT REQUIRED BY TABLE 31.		Description of Anchor.		Makers.	Where and when tested and Superintendent.	
		Owts.	qrs.	lbs.	Owts.	qrs.	lbs.	Tons.	cwt.	qrs.	lbs.	Owts.	qrs.	lbs.		
IOI	1st Bower	59	3	10	Stockless	48	5	3	2	56	1	Halls Patent Cast steel head, forged steel shank	Kobe Steel Works	Osaka 3rd May 1917		
I52	2nd "	59	3	10	"	47	13	0	14	56	1	"	"	3rd Sept 1917		
I52	3rd "	58	3	13	"	47	13	3	0			"	"	16th July 1917		
	4th "															
	Collective weight.	177	3	27						160	0					
42	Stream	16	1	23	3	2	17	17	14	1	23	15	0	Ordinary	Kobe steel Works	22/6/16
43	Kedge	6	0	26	1	2	18	8	9	2	16	6	2	"	"	22/6/16.

Particulars of Drop Test of Cast Steel Anchors, viz. :-
Weight, Surveyor's Initials, Number of Certificate, Date of Test.

	1st Bower	2nd "	3rd "	4th "
Weight	39 1/2 cwt	39 1/2 cwt	39 1/2 cwt	39 1/2 cwt
Surveyor's Initials	A.L.J.	A.L.J.	A.L.J.	A.L.J.
Number of Certificate	No-IOI	No-I52	No-I52	No-I52
Date of Test	24-2-17.	3-5-17.	3-5-17.	3-5-17.

CHAIN CABLES.

Number of Certificate.	Length and size supplied.		Test per Certificate.	WEIGHT OF CHAIN CABLE.		Length and Size per Table 31.		Description.	Makers of Cables.	Where and when tested, and Superintendent.	Material.	Length and Size supplied.		Breaking Test of Steel Wire Towline.	Length and Size per Table 31.	
	Fathoms.	Inches.		Tons.	Cwt.	qrs.	lbs.					Fathoms.	Inches.		Fathoms.	Inches.
263	137	2 1/2	8 1/2	II 3/4	3.16	3.27	bs	stud	Osaka Chain Works	Osaka 14th Sept 1917	TOWLINE	120	3	26		
264	136	2 1/2	8 1/2	II 3/4	3.32	1.14	bs	Chain	Osaka Chain Works	Osaka 14th Sept 1917	HAWSESWARPS	360	7	nemp		
	90	4 1/2	66													

Boats 3 and one tugboat
Pumps, Number One Downton
Windlass is steam driven
Engine Room Skylights.—How constructed? steel combings What arrangements for deadlights in bad weather? None
Coal Bunker Openings.—How constructed? steel combings How are lids secured? wood hatches. Height above deck? 18"
Number of Scupperns, and numbers and dimensions of **Freeing Ports, &c.** 8 & 8 each 14" X 17 1/2".
Ceiling in Holds, thickness and material 2 1/2" Pine **Cargo Battens,** thickness and material 2" Oregon pine
Cargo Hatchways.—How formed? Steel combings and web plates. **Hatches,** If strong and efficient? Yes
State size **No. 1 Hatch (Forward)** 29ft 9" X 20ft **No. 2 Hatch** 34 ftX 20 ft **No. 3 Hatch** 34 ftX 20 ft **No. 4 Hatch** 29ft9"X20 ft.
Number of Web Plates, Stringers, &c. XXXXX to each Hatch **Nos I & 4** 5 off: **Nos 2 & 3.** 6 off.
No. of Breasthooks 3. **No. of Crutches** I.
Bulwarks, height above deck and description 48" side plating. Main Rail, material and size 6 X 3 X .42 B.A.
The foregoing is a correct description.
Builder's Signature (here only) K. Shibaoka Surveyor's Signature Jase Cairns
Surveyor to Lloyd's Register of Shipping.

Correspondence.—State dates and initials of letters respecting this case (Reference should be made in any correspondence connected with the case).

Workmanship. Are the butts of plating planed or otherwise fitted? planed.
Is the riveted work properly closed? Yes
Are the liners between the frames and plates solid single pieces? Yes Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., conform well to each other? Yes Are the rivet holes well and sufficiently countersunk in the plate and punched from the faying surfaces? Yes Do any rivets break into or through the seams or butts of the plating? NO
Are the butts of Plating, Stringers, &c., properly shifted and strapped? Yes
Have all the upper and weather decks been tested as required by the Rules (Sec. 26, par. 20)? Yes State results of tests Good
Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? Yes State results of tests Good
General Remarks (State quality of workmanship, &c.) This Vessel has been built under Special Survey and in accordance with the Approved Plan & the Society's Rules, the Materials and Workmanship are good. The Vessel being eligible in my opinion for record. * 100A1 with date of build 9-17.

"Shinsei Maru" No. 2251 "Har Sun" 2279.
"Shingo Maru" No. 2260
"Yoshida Maru No2" No. 2266.

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 \$ 50.00 Fees applied for,
Special Survey Fee..... \$ 2260.00 } 5-10-1917
Travelling Expenses, if any £ 144.00 } Received by me.
20.00 } 9-10-1917.

State whether the Vessel has been built under Special Survey - No
I am of opinion this Vessel should be Classed + 100 A1 9.17.
With, or without Freeboard, as condition of Class

Committee's Minute
Character assigned
FRI. 16 NOV. 1917
+ Lmb 9.17

Jase Cairns
Surveyor to Lloyd's Register of Shipping.

Lloyd's Register of Shipping

GENERAL REMARKS—(continued).

ame	Initial	Certificate date.	Mark.
Cast steel Stern frame	A.L.J.		U.8.9
Cast steel Rudder frame	Z.S.	16-2-17.	5583
Cast steel Rudder Head.	A.L.J.	25-5-17	U.R.13
Cast steel Lower part Stem	J.S.C.	13-6-17	U.8.4.
Cast steel upper & Middle Stem	Z.S.	16-2-17.	5885. ¹ 5885. ²
Cast steel tiller.	J.S.C.	29-5-17.	Q.I
Cast steel Rudder Quadrant.	J.S.C.	8-5-17.	U.R.10.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 33 ft., R.Q.D. xxx ft., Bridge 91.4 ft., Forecastle 33 ft.
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated NO

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 decks steel 2 tiers beams
Official No. _____; Signal Letters _____
How are the surfaces preserved from oxidation? Inside _____ Paint _____ Outside _____ Paint _____
State if Machinery is fitted aft NO

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,	<u>91-4½"</u>	<u>219</u>	Fore peak tank, from Coll. Blks. to stem	<u>21-6½"</u>	<u>143</u>
Double bottom, under Engines and Boilers,	<u>68</u>	<u>288.0</u>	After peak tank, After Peak Blks. to S. frame	<u>16.</u>	<u>53</u>
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,	<u>131-9"</u>	<u>427.</u>	Other tanks, if fitted,		
	Total capacity of double bottom	<u>934</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 tested.

Order for Special Survey No. _____

Date 3-3-1916.

No. 135. in builder's yard.

DATES of Surveys held while building

April 17 & 27. May 3rd & 11th. June 9th & 12th. July 4th, 11th, 14th, 20th.
August 13th, 18th, 22nd, 25th, 29th, 30th: Sept 6th, 17th, 18th, 20th, 22nd, 26th, 29th
30th.

Total No. of Visits 24

Surveyor's Signature

James Cairns

Lloyd's Register Foundation