

# With or Without Disconnected Erections.

## STEEL STEAMER.

WED. JUL. 14 1920

Received at London Office

Date of completion of report

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

YES. *W. H. H. H.*

Survey held at

1<sup>st</sup> JUNE 1920

Port of YOKOHAMA.

Date, First Survey NOV. 25<sup>th</sup> 1919.

Last Survey 26<sup>th</sup> MAY 1920

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

SINGLE SCR. STEAMER "KINNO MARU"

Rig SCHOOENER.

TONNAGE under

CLASS + 100 R.I.

FEET.

Master

Y. NISHI

Year of appointment

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

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

Breadth (greatest moulded)

50.00

Total under Upper Dk.

Depth, at middle of length from top of keel to top of upper deck beams at side

29.08

Do. of Poop

Transverse Number

79.08

Do. of Bridge House

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

345

Do. of Forecastle

Longitudinal Number

27282.6

Do. of Houses on Dk.

Depth "d," at middle of length (See Secs. 2 & 13)

17.5

Space

Proportions—Depths to Length—Upper Deck Beam at side to top of keel

11.86

Crown of Room

Long Bridge Deck Beam at side to top of keel

9.36

FOR FEES

Destined Voyage

Built at YOKOHAMA.

When built 1920 Launched 17-4-20

By whom built YOKOHAMA Dock Co.

Owners FURUKAWA & Co.

Managers

Residence TOKYO

Port belonging to YOKOHAMA.

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

Feet.	Inches.	BREADTH—	Feet.	Inches.	DEPTH, ACTUAL—	Top of Floors to top of Upper Dk. Beams	Feet.	Inches.	No. of Decks with flat laid
345	0	Moulded	50	0	Do. do. do. do.	Second Dk. Beams	26	3 1/2	TWO
							18	2 1/2	No. of Tiers of Beams
									TWO.

Feet.	Inches.	Feet.	Inches.	Feet.	Inches.	Feet.	Inches.	Feet.	Inches.
345	0	50	0	29.1	0	36	10	29	1

Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.

Angles, or [ or L Bars amidships	Angles, or [ or L Bars amidships	Angles, or [ or L Bars amidships	Angles, or [ or L Bars amidships	Angles, or [ or L Bars amidships	Angles, or [ or L Bars amidships	Angles, or [ or L Bars amidships	Angles, or [ or L Bars amidships	Angles, or [ or L Bars amidships	Angles, or [ or L Bars amidships

Peaks	Peaks	Peaks	Peaks	Peaks	Peaks	Peaks	Peaks	Peaks	Peaks

Way of Double Bottoms at Solid Floors	Way of Double Bottoms at Solid Floors	Way of Double Bottoms at Solid Floors	Way of Double Bottoms at Solid Floors	Way of Double Bottoms at Solid Floors	Way of Double Bottoms at Solid Floors	Way of Double Bottoms at Solid Floors	Way of Double Bottoms at Solid Floors	Way of Double Bottoms at Solid Floors	Way of Double Bottoms at Solid Floors

Frames from centre to centre amidships	Frames from centre to centre amidships	Frames from centre to centre amidships	Frames from centre to centre amidships	Frames from centre to centre amidships	Frames from centre to centre amidships	Frames from centre to centre amidships	Frames from centre to centre amidships	Frames from centre to centre amidships	Frames from centre to centre amidships

Length to Collision bulkhead	Length to Collision bulkhead	Length to Collision bulkhead	Length to Collision bulkhead	Length to Collision bulkhead	Length to Collision bulkhead	Length to Collision bulkhead	Length to Collision bulkhead	Length to Collision bulkhead	Length to Collision bulkhead

in peaks	in peaks	in peaks	in peaks	in peaks	in peaks	in peaks	in peaks	in peaks	in peaks

SED FRAME, Angles	SED FRAME, Angles	SED FRAME, Angles	SED FRAME, Angles	SED FRAME, Angles	SED FRAME, Angles	SED FRAME, Angles	SED FRAME, Angles	SED FRAME, Angles	SED FRAME, Angles

Way of Double Bottoms at Solid Floors	Way of Double Bottoms at Solid Floors	Way of Double Bottoms at Solid Floors	Way of Double Bottoms at Solid Floors	Way of Double Bottoms at Solid Floors	Way of Double Bottoms at Solid Floors	Way of Double Bottoms at Solid Floors	Way of Double Bottoms at Solid Floors	Way of Double Bottoms at Solid Floors	Way of Double Bottoms at Solid Floors

at intermdt. Bkts	at intermdt. Bkts	at intermdt. Bkts	at intermdt. Bkts	at intermdt. Bkts	at intermdt. Bkts	at intermdt. Bkts	at intermdt. Bkts	at intermdt. Bkts	at intermdt. Bkts

NG, depth of girder	NG, depth of girder	NG, depth of girder	NG, depth of girder	NG, depth of girder	NG, depth of girder	NG, depth of girder	NG, depth of girder	NG, depth of girder	NG, depth of girder

S, depth and thickness of Floor Plate	S, depth and thickness of Floor Plate	S, depth and thickness of Floor Plate	S, depth and thickness of Floor Plate	S, depth and thickness of Floor Plate	S, depth and thickness of Floor Plate	S, depth and thickness of Floor Plate	S, depth and thickness of Floor Plate	S, depth and thickness of Floor Plate	S, depth and thickness of Floor Plate

at mid-line for 1/2 length amidships	at mid-line for 1/2 length amidships	at mid-line for 1/2 length amidships	at mid-line for 1/2 length amidships	at mid-line for 1/2 length amidships	at mid-line for 1/2 length amidships	at mid-line for 1/2 length amidships	at mid-line for 1/2 length amidships	at mid-line for 1/2 length amidships	at mid-line for 1/2 length amidships

Way of Engine and Boiler Spaces	Way of Engine and Boiler Spaces	Way of Engine and Boiler Spaces	Way of Engine and Boiler Spaces	Way of Engine and Boiler Spaces	Way of Engine and Boiler Spaces	Way of Engine and Boiler Spaces	Way of Engine and Boiler Spaces	Way of Engine and Boiler Spaces	Way of Engine and Boiler Spaces

Thickness at the ends of vessel	Thickness at the ends of vessel	Thickness at the ends of vessel	Thickness at the ends of vessel	Thickness at the ends of vessel	Thickness at the ends of vessel	Thickness at the ends of vessel	Thickness at the ends of vessel	Thickness at the ends of vessel	Thickness at the ends of vessel

Depth at 1/2 the half breadth, as per Rule	Depth at 1/2 the half breadth, as per Rule	Depth at 1/2 the half breadth, as per Rule	Depth at 1/2 the half breadth, as per Rule	Depth at 1/2 the half breadth, as per Rule	Depth at 1/2 the half breadth, as per Rule	Depth at 1/2 the half breadth, as per Rule	Depth at 1/2 the half breadth, as per Rule	Depth at 1/2 the half breadth, as per Rule	Depth at 1/2 the half breadth, as per Rule

Eight extended at the Bilges	Eight extended at the Bilges	Eight extended at the Bilges	Eight extended at the Bilges	Eight extended at the Bilges	Eight extended at the Bilges	Eight extended at the Bilges	Eight extended at the Bilges	Eight extended at the Bilges	Eight extended at the Bilges

S in Cell. Double Bottoms	S in Cell. Double Bottoms	S in Cell. Double Bottoms	S in Cell. Double Bottoms	S in Cell. Double Bottoms	S in Cell. Double Bottoms	S in Cell. Double Bottoms	S in Cell. Double Bottoms	S in Cell. Double Bottoms	S in Cell. Double Bottoms

state if flanged (top & bottom)	state if flanged (top & bottom)	state if flanged (top & bottom)	state if flanged (top & bottom)	state if flanged (top & bottom)	state if flanged (top & bottom)	state if flanged (top & bottom)	state if flanged (top & bottom)	state if flanged (top & bottom)	state if flanged (top & bottom)

Spacing of Solid floors	Spacing of Solid floors	Spacing of Solid floors	Spacing of Solid floors	Spacing of Solid floors	Spacing of Solid floors	Spacing of Solid floors	Spacing of Solid floors	Spacing of Solid floors	Spacing of Solid floors

E GIRDER, in Dbl. bottom, depth & thickness	E GIRDER, in Dbl. bottom, depth & thickness	E GIRDER, in Dbl. bottom, depth & thickness	E GIRDER, in Dbl. bottom, depth & thickness	E GIRDER, in Dbl. bottom, depth & thickness	E GIRDER, in Dbl. bottom, depth & thickness	E GIRDER, in Dbl. bottom, depth & thickness	E GIRDER, in Dbl. bottom, depth & thickness	E GIRDER, in Dbl. bottom, depth & thickness	E GIRDER, in Dbl. bottom, depth & thickness

Angles, Top	Angles, Top	Angles, Top	Angles, Top	Angles, Top	Angles, Top	Angles, Top	Angles, Top	Angles, Top	Angles, Top

Bottom	Bottom	Bottom	Bottom	Bottom	Bottom	Bottom	Bottom	Bottom	Bottom

to Floors	to Floors	to Floors	to Floors	to Floors	to Floors	to Floors	to Floors	to Floors	to Floors

Brackets at intermdt. frmg., width & thkns	Brackets at intermdt. frmg., width & thkns	Brackets at intermdt. frmg., width & thkns	Brackets at intermdt. frmg., width & thkns	Brackets at intermdt. frmg., width & thkns	Brackets at intermdt. frmg., width & thkns	Brackets at intermdt. frmg., width & thkns	Brackets at intermdt. frmg., width & thkns	Brackets at intermdt. frmg., width & thkns	Brackets at intermdt. frmg., width & thkns

ORDERS, number on each side & thickness	ORDERS, number on each side & thickness	ORDERS, number on each side & thickness	ORDERS, number on each side & thickness	ORDERS, number on each side & thickness	ORDERS, number on each side & thickness	ORDERS, number on each side & thickness	ORDERS, number on each side & thickness	ORDERS, number on each side & thickness	ORDERS, number on each side & thickness

state if flanged (top and bottom)	state if flanged (top and bottom)	state if flanged (top and bottom)	state if flanged (top and bottom)	state if flanged (top and bottom)	state if flanged (top and bottom)	state if flanged (top and bottom)	state if flanged (top and bottom)	state if flanged (top and bottom)	state if flanged (top and bottom)

Angles (top and bottom)	Angles (top and bottom)	Angles (top and bottom)	Angles (top and bottom)	Angles (top and bottom)	Angles (top and bottom)	Angles (top and bottom)	Angles (top and bottom)	Angles (top and bottom)	Angles (top and bottom)

to Floors	to Floors	to Floors	to Floors	to Floors	to Floors	to Floors	to Floors	to Floors	to Floors

N PLATE, depth (exclusive of flange)	N PLATE, depth (exclusive of flange)	N PLATE, depth (exclusive of flange)	N PLATE, depth (exclusive of flange)	N PLATE, depth (exclusive of flange)	N PLATE, depth (exclusive of flange)	N PLATE, depth (exclusive of flange)	N PLATE, depth (exclusive of flange)	N PLATE, depth (exclusive of flange)	N PLATE, depth (exclusive of flange)

Angle to Outside Plating	Angle to Outside Plating	Angle to Outside Plating	Angle to Outside Plating	Angle to Outside Plating	Angle to Outside Plating	Angle to Outside Plating	Angle to Outside Plating	Angle to Outside Plating	Angle to Outside Plating

Floors	Floors	Floors	Floors	Floors	Floors	Floors	Floors	Floors	Floors

Brackets at intermdt. frmg., width & thkns	Brackets at intermdt. frmg., width & thkns	Brackets at intermdt. frmg., width & thkns	Brackets at intermdt. frmg., width & thkns	Brackets at intermdt. frmg., width & thkns	Brackets at intermdt. frmg., width & thkns	Brackets at intermdt. frmg., width & thkns	Brackets at intermdt. frmg., width & thkns	Brackets at intermdt. frmg., width & thkns	Brackets at intermdt. frmg., width & thkns

Height of Outside Brackets above at bilge	Height of Outside Brackets above at bilge	Height of Outside Brackets above at bilge	Height of Outside Brackets above at bilge	Height of Outside Brackets above at bilge	Height of Outside Brackets above at bilge	Height of Outside Brackets above at bilge	Height of Outside Brackets above at bilge	Height of Outside Brackets above at bilge	Height of Outside Brackets above at bilge

BOTTOM PLATING, breadth and thickness	BOTTOM PLATING, breadth and thickness	BOTTOM PLATING, breadth and thickness	BOTTOM PLATING, breadth and thickness	BOTTOM PLATING, breadth and thickness	BOTTOM PLATING, breadth and thickness	BOTTOM PLATING, breadth and thickness	BOTTOM PLATING, breadth and thickness	BOTTOM PLATING, breadth and thickness	BOTTOM PLATING, breadth and thickness

in Engine and Boiler space	in Engine and Boiler space	in Engine and Boiler space	in Engine and Boiler space	in Engine and Boiler space	in Engine and Boiler space	in Engine and Boiler space	in Engine and Boiler space	in Engine and Boiler space	in Engine and Boiler space

Remainder in Holds	Remainder in Holds	Remainder in Holds	Remainder in Holds	Remainder in Holds	Remainder in Holds	Remainder in Holds	Remainder in Holds	Remainder in Holds	Remainder in Holds

Upper Deck, Single Angle, Bulb	Upper Deck, Single Angle, Bulb	Upper Deck, Single Angle, Bulb	Upper Deck, Single Angle, Bulb	Upper Deck, Single Angle, Bulb	Upper Deck, Single Angle, Bulb	Upper Deck, Single Angle, Bulb	Upper Deck, Single Angle, Bulb	Upper Deck, Single Angle, Bulb	Upper Deck, Single Angle, Bulb

Angle, Plate, Tee Bulb, or Channel	Angle, Plate, Tee Bulb, or Channel	Angle, Plate, Tee Bulb, or Channel	Angle, Plate, Tee Bulb, or Channel	Angle, Plate, Tee Bulb, or Channel	Angle, Plate, Tee Bulb, or Channel	Angle, Plate, Tee Bulb, or Channel	Angle, Plate, Tee Bulb, or Channel	Angle, Plate, Tee Bulb, or Channel	Angle, Plate, Tee Bulb, or Channel

In way of Long Bridge	In way of Long Bridge	In way of Long Bridge	In way of Long Bridge	In way of Long Bridge	In way of Long Bridge	In way of Long Bridge	In way of Long Bridge	In way of Long Bridge	In way of Long Bridge

Spacing	Spacing	Spacing	Spacing	Spacing	Spacing	Spacing	Spacing	Spacing	Spacing

Second Deck, Single Angle, Bulb	Second Deck, Single Angle, Bulb	Second Deck, Single Angle, Bulb	Second Deck, Single Angle, Bulb	Second Deck, Single Angle, Bulb	Second Deck, Single Angle, Bulb	Second Deck, Single Angle, Bulb	Second Deck, Single Angle, Bulb	Second Deck, Single Angle, Bulb	Second Deck, Single Angle, Bulb

Angle, Plate, Tee Bulb, or Channel	Angle, Plate, Tee Bulb, or Channel	Angle, Plate, Tee Bulb, or Channel	Angle, Plate, Tee Bulb, or Channel	Angle, Plate, Tee Bulb, or Channel	Angle, Plate, Tee Bulb, or Channel	Angle, Plate, Tee Bulb, or Channel	Angle, Plate, Tee Bulb, or Channel	Angle, Plate, Tee Bulb, or Channel	Angle, Plate, Tee Bulb, or Channel

Third and Fourth Deck, Single Angle, Bulb	Third and Fourth Deck, Single Angle, Bulb	Third and Fourth Deck, Single Angle, Bulb	Third and Fourth Deck, Single Angle, Bulb	Third and Fourth Deck, Single Angle, Bulb	Third and Fourth Deck, Single Angle, Bulb	Third and Fourth Deck, Single Angle, Bulb	Third and Fourth Deck, Single Angle, Bulb	Third and Fourth Deck, Single Angle, Bulb	Third and Fourth Deck, Single Angle, Bulb

Angle, Plate, Tee Bulb, or Channel	Angle, Plate, Tee Bulb, or Channel	Angle, Plate, Tee Bulb, or Channel	Angle, Plate, Tee Bulb, or Channel	Angle, Plate, Tee Bulb,
------------------------------------	------------------------------------	------------------------------------	------------------------------------	-------------------------







FORGINGS & CASTINGS.

DESCRIPTION	MARK	MATERIAL	WHERE MADE	WHERE TESTED	DATE	SURVEY
STERN FRAME	Y.S.21.	CAST STEEL	OSHIMA S.W.	OSHIMA	11-6-18	U.S.C
RUDDER HEAD	Y.R.B.	FORGED STEEL	D°	D°	8-7-19	U.S.C
" MAIN PIECE	Y.M.2.	D° D°	D°	D°	23-9-19	U.S.C
STEM BAR. UPPER	Y.S.K.	D° D°	D°	D°	20-2-19	U.S.C
" " LOWER	Y.S.L.	D° D°	D°	D°	25-2-19	U.S.C
RUDDER ARM	Y.A. Y.B. Y.C. Y.D. Y.E.	CAST STEEL	D°	D°	10-1-19	U.S.C

FRAMING

33 FRAME SPACING  $10 \times 3\frac{1}{2} \times 3\frac{1}{2} \times 4\frac{1}{2}$  CHANNEL EXTENDING TO UPPER AND 2<sup>ND</sup> DECKS  
ALTERNATELY. INTERMEDIATE FRAME  $6 \times 3\frac{1}{2} \times \frac{1}{2}$  ANGLE. *bulb angle*

27 " "  $10 \times 3\frac{1}{2} \times 3\frac{1}{2} \times 4\frac{1}{2}$  CHANNEL EXTENDING TO UPPER & 2<sup>ND</sup> DECKS  
ALTERNATELY EXCEPT IN FORECASTLE, WHERE TO FORECASTLE  
AND 2<sup>ND</sup> DECKS ALTERNATELY. INTERMEDIATE FRAME  $6 \times 3\frac{1}{2} \times \frac{7}{8}$

MAIN FRAME IN WAY OF TUNNEL RECESS (FRAME SPACE 33)  $9 \times 3\frac{1}{2} \times \frac{15}{32}$  ✓  
BULB ANGLE EXTENDING TO UPPER & 2<sup>ND</sup> DKS. ALTERNATELY  
INTERMEDIATE FRAME  $6 \times 3\frac{1}{2} \times \frac{1}{2}$  ANGLE.

FRAMES IN AFT. PEAK  $6 \times 3\frac{1}{2} \times \frac{3}{8}$  ANGLE WITH REV. FRAME  $3\frac{1}{2} \times 3\frac{1}{2} \times \frac{3}{8}$  ANGLE  
TO FORM 6" GIRDER EXTENDING TO UPPER DECK.

FRAMES IN FORE PEAK  $7 \times 3\frac{1}{2} \times \frac{1}{16}$  BULB ANGLE EXTENDING TO FORECASTLE  
AND 2<sup>ND</sup> DECKS ALTERNATELY. INTERMEDIATE  $6 \times 3\frac{1}{2} \times \frac{3}{8}$   
SCARPHED TO MAIN FRAME.

WIDE SPACED PILLARS.

FROM TANK TOP TO 2<sup>ND</sup> DECK HOLLOW ROUND  $12 \times 5$   $12 \times 5.4$   $13 \times 5.4$   
 $13 \times 6$  AND  $14 \times 6.0$  SPACED AS PER APPROVED PLANS.

BETWEEN 2<sup>ND</sup> AND UPPER DKS. SOLID  $4\frac{3}{8}$   $5 \times 5\frac{3}{8}$  DIA. &  $11 \times 5$  HOLLOW.

BRIDGE TWEEN DECKS SOLID  $3\frac{5}{8}$  DIA.

POOP TWEEN DKS. SOLID  $3\frac{1}{2}$  AND  $3\frac{5}{8}$  DIA.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop  $33.25$  ft., R.Q.D. ✓ ft., Bridge  $76.5$  ft., Forecastle  $40$  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  
should appear in the Register Book) **2 DKS. (STL) 2 TIERS OF BEAMS.** ✓

Official No. **27166**; Signal Letters **S.B.N.W.** State if Machinery is fitted aft **AMIDSHIPS.**

How are the surfaces preserved from oxidation? Inside **BOTTOM CEMENT. HOLDS PAINT.** 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,	107.25	254.23	Fore peak tank,	18	55
Double bottom, under Engines and Boilers,	3.22.0	37.10	After peak tank,	16	28
Double bottom, if under Engines only,	3.22.0	37.10	Deep tank, aft,		
Double bottom, if under Boilers only,	30.26	104.95	Deep tank, forward,		
Double bottom, forward,	134.75	359.21	Other tanks, if fitted,		
Total capacity of double bottom		792.59	(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. **4**

Date **13-7-18**

**68** in builder's yard.

DATES of Surveys held while building

1919. NOV. 25. DEC. 1. 3. 5. 8. 12. 17. 23. 30. 1920 JAN. 6. 12. 16. 22. 2  
FEB. 4. 10. 16. 23. MARCH. 1. 4. 8. 11. 15. 18. 22. 26. 31. APRIL. 2.  
6. 8. 13. 14. 16. 17. 22. 27. 30. MAY. 3. 6. 8. 10. 13. 17. 20. 24.  
25. 26.

Surveyor's Signature

*James Brickton*  
Foundation

Total No. of Visits **4**