

With or Without Disconnected Erections.

STEEL STEAMER.

Received at London Office SAT. JUL 3. 1920

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

Date of completion of report **27th MAY 1920** Port of **YOKOHAMA** No. **2658**
Survey held at **YOKOHAMA** Date, First Survey **6th NOV. 1919** Last Survey **15th MAY 1920**

On the (State if Single, Twin, or Triple Screw) **SINGLE SCREW STEAMER SAPPORO MARU N^o 8 Rig** **SCHOONER.**

TONNAGE under **1862.56**

CLASS **+100 A.I.**

FEET.

Master **T. NAGAO**

Tonnage Deck **1862.56**

Breadth (greatest moulded) **39.00**

Year of appointment

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

Do. of Poop **43.42**

Depth, at middle of length from top of keel to top of upper deck beams at side **23.92**

Built at **YOKOHAMA**

Do. of R.Q.Dk. **129.38**

Transverse Number **62.92**

When built **1920** **Launched** **4-4-1920**

Do. of Bridge House **39.73**

Length on deck from fore part of stem to after part of stern post **270**

By whom built **UCHIDA S.B. & ENG CO.**

Do. of Houses on Dk. **71.04**

Longitudinal Number **16988.4**

Owners **K. INUKAMI**

Do. of excess of Hatchways **26.34**

Depth "d," at middle of length (See Secs. 2 & 13) **20.92**

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

Do. above Crown of Engine Room **34.23**

Proportions—Depths to Length—Upper Deck Beam at side to top of keel **11.29**

Residence **OTARU**

Gross Tonnage **2206.70**

Do. of Less Crew Space **706.14**

Port belonging to **YOKOHAMA**

Less above Crown of Engine Room **21.00**

Do. of Less Navigation Spaces **51.40**

TONNAGE FOR FEES **1323.04**

Destined Voyage

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

LENGTH on Deck as per Rule	Feet.	Inches.	BREADTH—Moulded	Feet.	Inches.	DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams	Feet.	Inches.	No. of Decks with flat laid	ONE
270	0		39	0		21	3		No. of Tiers of Beams	ONE

Dimensions of Ship per Register, Length **270** breadth **39** depth **23.92** Moulded depth, ft. **30** ins. **11** To Bridge Dk. Round of Upper Dk. Beam, Actual **9 1/2** ins.

FRAMING.				PILLARS.			
Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.
FRAME, Angles, or E or L Bars amidships				PILLARS In 'tween Deck, size and spacing			
9	3 1/2	5	0°	HOLD PILLARS 4 ANGLES			
Do. in peaks	7	3 1/2	5 1/2	5*5*54 5*5*44			
Do. in way of Double Bottoms at Solid Floors	3	3	3 3/4	AND 6*5*4			
" " at intermdt. Bkts.	5	5	3 3/4	SPACED AS PER			
Spacing of Frames from centre to centre amidships	23 1/2		0°	APPROVED PLANS.			
" " length to Collision bulkhead	23 1/2		0°	KEELSONS & STRINGERS.			
" " in peaks	23 1/2		0°	CENTRE LINE KEELSON, Vertical Plate above			
REVERSED FRAME, Angles	NO REV. FRAMES.			floors, Through Plate, or Intercoastal Plate			
Do. in way of Double Bottoms at Solid Floors	3	3	3 3/4	Rider Plate			
" " at intermdt. Bkts.	3 1/2	3 1/2	4 1/2	Flat Plate Keel Angles			
FRAMING, depth of girder	9		0°	Horizontal Plates on Floors			
FLOORS, depth and thickness of Floor Plate				Angles or Bulb Angles			
" in way of Engine and Boiler Spaces				SIDE KEELSONS, Number			
" thickness at the ends of vessel				Angles or Bulb Angles			
" depth at 3/4 the half breadth, as per Rule				Plate above floors, for length			
" height extended at the Bilges				Intercoastal Plate for length			
FLOORS in Cell. Double Bottoms	34	44	85	Attached to outside Plating with Angle			
" state if flanged (top & bottom)	NOT FLANGED			BILGE KEELSON, Angles			
" Spacing of Solid floors	ALT. FRG. EXCEPT ES. T.R. 88 & 7 1/2 LF			Intercoastal Plate for length			
CENTRE GIRDER, in Dbl. bottom, dpth. & thcknss.	36	46	38	Attached to outside Plating with Angle			
" Angles, Top	3	3	5	SIDE STRINGERS, Number ONE			
" Bottom	DOUBLE 4	4	52	Angle			
" to Floors	3	3	3 3/4	Intercoastal Plate, for FULL length			
Brackets at intermdt. frmg., wdth & thcknss	16	34	44	Attached to outside plating with Angle			
SIDE GIRDERS, number on each side & thickness	7	32	42	Upper Deck Stringer Plate, br'dth & thickness			
" state if flanged (top and bottom)	NOT FLANGED.			(clear of Bridge)			
" Angles (top and bottom)	3	3	3 3/4	br'dth & thickness			
" to Floors	3	3	3 3/4	(in way of Bridge)			
MARGIN PLATE, depth (exclusive of flange)	28	38	48	Angle (clear of Bridge)			
" and thickness	3 1/2	3 1/2	4 1/2	Tie Plate at sides of Hatchways			
" Angle to Outside Plating	3	3	3 3/4	Deck * Iron or Steel, for FULL lng.			
" Floors	3	3	3 3/4	Thickness (clear of Bridge)			
Brackets at intermdt. frmg., wdth & thcknss	18	34	44	(in way of Bridge)			
Height of Outside Brackets above at bilge	18		0°	Wood Deck. Material & thickness			
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	48	42	36	Second Deck Stringer Plate, br'dth & thickness			
" in Engine and Boiler space	4	5	5	Angles on ditto, No.			
" Remainder in Holds	34	30	0°	Tie Plates outside Hatchways			
BEAMS, Upper Deck, Single Angle, Bulb	7	3	4	Deck * Iron or Steel, for FULL lng.			
" Angle, Plate, Tee Bulb, or Channel	7	3	4	Wood Deck. Material & thickness			
" In way of Long Bridge				Third Deck Stringer Plate, br'dth & thickness			
Spacing	EVERY FRAME.			Angles on ditto, No.			
BEAMS, Second Deck, Single Angle, Bulb				Tie Plates, outside Hatchways			
" 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				Angles on ditto, No.			
" Angle, Plate, Tee Bulb, or Channel				Tie Plates outside Hatchways			
" Angles on upper edge				Deck. Material & thickness			
Spacing				Poop Deck Stringer Plate, breadth & thickness			
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	7	3	4	Angle on ditto			
" Angles on upper edge				Tie Plates			
Spacing	ALTERNATE FRG.			Deck. Material and thickness			
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	6	3 1/2	3 3/4	Bridge Deck Stringer Plate, br'dth & thickness			
" Angles on upper edge				Angle on ditto			
Spacing	EVERY FRAME			Tie Plates			
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	8	3 1/2	4 1/2	Deck. Material and thickness			
" Angles on upper edge				Forecastle Deck Stringer Plate, br'dth & th'kns			
Spacing	ALTERNATE FRG.			Angles on ditto			

[illegible]

EQUIPMENT No. 17792-25				LETTER				ANCHORS.				TONNAGE U. DK. OR PLATING No. FOR TRAWLERS				
Number of Certificate.	Anchor.	WEIGHT, EX. STOCK			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.			WEIGHT REQUIRED BY TABLE M.			Description of Anchor.	Makers.	Where and when tested and Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.		
9478	1st Bower ...	36	2	12	STOCK	LEGS		33	10	7	7	35	2	0	BALDT	BALDT ANCHOR CO. CHESTER PA. 10-6-19 J.B.C.
9477	2nd " ...	35	1	2	"	"		32	11	7	0	35	2	0	D:	D: 10-6-19 J.B.C.
9476	3rd " ...	31	0	3	"	"		29	7	2	0	30			D:	D: 10-6-19 J.B.C.
	4th " ...															
	Collective weight.	102	3	17								101	0	0		
9058	Stream	9	1	12	1/2	2	22	11	9	0	7	9	1		COMMON	AMER. STEEL FOOT CHESTER PA. 6-5-19 J.B.C.
9114	Kedge.....	5	1	27	1	3	19	7	16	1	0	4	3		D:	D: 14-4-19 J.B.C.

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

1st Bower	36-2-12	J.B.C.	N° 9478	10-6-19
2nd "	35-1-2	J.B.C.	N° 9477	10-6-19
3rd "	31-0-3	J.B.C.	N° 9476	10-6-19
4th "				

CHAIN CABLES.													HAWSERS AND WARPS.									
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.					
	Length.	Diam.	Statu- tory.	Break- ing.	Supplied.		Per Rule.		Length.					Diam.	Fathoms.		Inch.	Fathoms.	Inch.	Tons.	Fathoms.	Inch.
					Cwts.	qrs.	lbs.	Cwts.														
66092	180	1 3/4	558	778	283-0-7	370-1-22	240	1 3/4	STUD LINK S. TAYLOR & SONS LONDON 6-7-18				TOWLINE G.S.W.	90	3 1/2	26	90	3 1/2				
127	60	1 3/4	558	778	93-1-0				D: KANTO C.W. YOKOHAMA 8-5-2				HAWSERS & WARPS	20	90	6	MANILA					
Iron Stream	75	4		33				75	4						20	90	5	MANILA.				
Galv Steel Wire																						

Boats TWO LIFE BOATS & 1 TEMPA Steering Gear, Steam EFFICIENT Steering Gear, Hand EFFICIENT
Pumps, Number ONE DOWNTON Diameter of Barrel 5" State whether they are in efficient working order YES.
Windlass is EFFICIENT Capstan

Engine Room Skylights.—How constructed? STEEL PTS & ANGLES. What arrangements for deadlights in bad weather? BULLS EYES & SHUTTERS.

Coal Bunker Openings.—How constructed? STEEL COAMS. How are lids secured? BATTENS & CLEATS Height above deck? 18"

Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. 5 SCUPPERS EACH SIDE. 8 FREEING PORTS EACH SIDE 2'-6" x 1'-6"

Ceiling in Holds, thickness and material 2 1/2" TESHIO MATSU Cargo Battens, thickness and material 2" TESHIO MATSU.

Cargo Hatchways.—How formed? STEEL PLATES & ANGLES. Hatches, If strong and efficient? YES.

State size No. 1 Hatch (Forward) 19'-7" x 16'-0" x 2'-6" No. 2 Hatch 23'-6" x 16'-0" x 2'-6" No. 3 Hatch 23'-6" x 16'-0" x 2'-6" No. 4 Hatch 19'-7" x 16'-0" x 2'-6"

Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch N° 1 HATCH 3. N° 2 & 3. 4 EACH.
N° 4. 3 WEBS.

Bulwarks, height above deck and description .28 PLATE 3'-6" IN HEIGHT. Main Rail, material and size 6 x 3 1/2 x 44 ANGLE

The foregoing is a correct description. Surveyor's Signature James Brickton.

Builder's Signature (here only) J. La Keta. 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 WHERE PRACTICABLE

Is the riveted work properly closed? YES

Are the liners between the frames and plates solid single pieces? FRAMES JOGGLED. 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 lapped? YES

Have all the upper and weather decks been tested as required by the Rules (Sec. 26, par. 20)? YES State results of tests SATISFACTORY

Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? YES State results of tests SATISFACTORY

General Remarks (State quality of workmanship, &c.)

This Vessel has been built under Special Survey and in accordance with the Society's Rules and approved plans. The material and workmanship are good. Note chain cable certificate no. 66092 not yet to hand, marks identified as above.
Plan of Midship Section of Vessel as built is forwarded herewith.

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.

Amount of Entry Fee £ : 50
Special Survey Fee.... £ : 140.9
Travelling Expenses, if any £ : 30

Fees applied for,
15-5 1920
Received by me,
17-5 1920

Certificate to be sent to

Date of issue 23.7.20.
17831 cert can be added

Whether the Vessel has been built under Special Survey Yes
In opinion this Vessel should be Classed + 100 A.1
With or without Freeboard, as condition of Class WITHOUT FREEBOARD.

Surveyor to Lloyd's Register of Shipping.

Committee's Minute FRI. JUL. 23 1920
Character assigned 100 A.1

Subject

FRI. 12 OCT. 1923

Work yka

ax CP.

+ LMC 5.20 20

TUE. JUL. 5 1921

FRI. FEB. 4 1922

TUE. JUL. 24 1923

FRI. JUL. 28 1922

FORGINGS & CASTINGS.

DESCRIPTION	MARK	MATERIAL	WHERE MADE	WHERE TESTED	DATE	SURVEY
STEM BAR UPPER	U.U.	FORGED STEEL	OSHIMA	OSHIMA	14-1-20	J.S.C
D: LOWER.	U.L.	D: D: D: D: D: D:				
STERN FRAME	S.F.I.	CAST STEEL	D:	D:	12-12-19	A.E
RUDDER STICK	R.S.U	STEEL FORGING	D:	D:	9-3-20	A.E.
" MAIN PIECE	R.M.U.	D: D:	D:	D:	9-3-20	A.E.
RUDDER ARMS R.A.R.B.R.C.R.D.R.E.		CAST STEEL	D:	D:	9-3-20	A.E.
QUADRANT TILLER.	Q.T.A.	D: D:	D:	D:	9-3-20	A.E.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 16.33 ft., R.Q.D. ☒ ft., Bridge 64.62 ft., Forecastle 28.5 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) ONE DK. STL. ONE TIER OF BEAMS.
Official No. 27151; Signal Letters S.B.M.W. State if Machinery is fitted aft AMIDSHIPS.
How are the surfaces preserved from oxidation? Inside CEMENT INSIDE TANKS Outside PAINT.
HOLDS 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>80.3</u>	<u>128</u>	Fore peak tank,	<u>16.12</u>	<u>70</u>
Double bottom, under Engines and Boilers,	<u>37.2</u>	<u>89</u>	After peak tank,	<u>15.66</u>	<u>89</u>
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,	<u>109.66</u>	<u>206</u>	Other tanks, if fitted,		
	Total capacity of double bottom	<u>423</u>	(If necessary, furnish further information by sketch.)		

* The wells are not to be included in the lengths of the tanks. 227.11

State whether the above have been tested as required by the Rules YES.

Order for Special Survey No. 12.

Date 6-8-19

No. 8 in builder's yard.

Dates of Surveys held while building

1919. NOV. 6. 12. 18. 20. DEC. 2. 10. 17. 23. 29. 1920. JAN. 6. 13. 15. 27. FEB. 3. 10. 12. 17. 19. 26. MAR. 4. 9. 12. 16. 19. 22. 23. 25. 31. APRIL. 1. 6. 16. 21. 27. 29. MAY. 4. 6. 10. 13. 15

Surveyor's Signature

James L. Bricheton

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Total No. of Visits

39

Foundation