

# With or Without Disconnected Erections.

## STEEL STEAMER.

MON. 22 JUL. 1918

Received at London Office

Date of completion of report 3 June 1918 Port of Yokohama No. 2382  
Survey held at Tsurumi Date, First Survey August 23rd Last Survey 28th May 1918  
Steel Single Screw Steamer "Kureha Maru" Rig Schr

On the (State if Single, Twin, or Triple Screw)  
TONNAGE under 4974.82  
Tonnage Deck...  
Do. between Tonnage Dk. and 3rd and 4th Dk. 4974.82  
Total under Upper Dk. 112.72  
Do. of Poop...  
Do. of R.Q. Dk. 371.87  
Do. of Bridge House 79.45  
Do. of Forecastle 136.70  
Do. of Houses on Dk. 18.49  
Do. of excess of Hatchways 115.12  
Do. above Crown of Engine Room...  
Gross Tonnage 5809.17  
Less Crew Space...  
Less above Crown of Engine Room...  
TONNAGE FOR FEES...  
Less Engine Room 1858.93  
Less Navigation Spaces 302.10  
Register Tonnage 3648.14

CLASS 100A1  
Breadth (greatest moulded) 53  
Depth, at middle of length from top of keel to top of upper deck beams at side 32  
Transverse Number 85  
Length on deck from fore part of stem to after part of stern post 400  
Longitudinal Number 34000  
Depth "d," at middle of length (See Secs. 2 & 13) 17.11  
Proportions—Depth to Length—Upper Deck Beam at side to top of keel 12.5  
Long Bridge Deck Beam at side to top of keel 10.06

Master  
Year of appointment (1) As Master in service of owner of present vessel—191  
(2) As Master of this vessel—191  
Built at Tsurumi  
When built 1918 Launched 25th April  
By whom built Asano S. B. Co. (Yard No. 7)  
Owners Tatsuuma S. S. Co.  
Managers  
(Where necessary to be entered in Reg. Book.)  
Residence Kobe  
Port belonging to Yokohama

Destined Voyage to centre line  
If surveyed while Building, Afloat in Dry Dock Yes  
No. of Decks with flat laid 2  
No. of Tiers of Beams X  
Moulded depth, ft. 39 ins. 8 To Bridge Dk. Round of Upper Dk. Beam, Actual 131 ins.  
Moulded depth, ft. 31 ins. 11 To Upper Dk.

FRAMING.				PILLARS.			
FRAME, Angles, or [ or ] Bars amidships	Inches in Ship	Inches in Ship	Inches in Ship	PILLARS, In 'tween Deck, size and spacing	Inches in Ship	Inches in Ship	Inches in Ship
Do. in peaks	4 x 3 1/2 x .4	de		" Hold (4 angles) "	See back of report		
Do. in way of Double Bottoms at Solid Floors	8 x 3 1/2 x .40 EA	de		" Quarter 'tween Dks. "			
" " at intermdt. Bkts.	33"	de		" in Hold "			
Spacing of Frames from centre to centre amidships	27"	de		KEELSONS & STRINGERS.			
" " length to Collision bulkhead in peaks	24"	de		CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate	None		
REVERSED FRAME, Angles	None	3	L	" Rider Plate			
Do. in way of Double Bottoms at Solid Floors	3 1/2 x 3 1/2 x .40 F5	L	de	" Flat Plate Keel Angles			
" " at intermdt. Bkts.	8 x 3 1/2 x 3/8 BA	de		" Horizontal Plates on Floors			
FRAMING, depth of girder	10"	de		" Angles or Bulb Angles	None		
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships	X			SIDE KEELSONS, Number			
" in way of Engine and Boiler Spaces	X			" Angles or Bulb Angles			
" thickness at the ends of vessel	X			" Plate above floors, for length			
" depth at 1/2 the half breadth, as per Rule	X			" Intercoastal Plate, for length			
" height extended at the Bilges	X			" Attached to outside Plating with Angle	None		
LOORS in Cell. Double Bottoms	40 to 36 .50 B.R	de		BILGE KEELSON, Angles	None		
" state if flanged (top & bottom)	top only	de		" Intercoastal Plate for length			
" Spacing of Solid floors	Alt. frames	de		" Attached to outside Plating with Angle	None		
CENTRE GIRDER, in Dbl. bottom, depth & thickness	43 x 50 to 40 .60 BS	de		SIDE STRINGERS, Number			
3 1/2 x 3 1/2 x .50 D.A.E.S. 48 D.A.F. 51				" Angle			
Angles, Top 4 x 4 x .60 S. After L. 56 ends				" Intercoastal Plate, for length			
Bottom 4 x 4 x .60 D.A. for L. 56 "				" Attached to outside plating with Angle			
to Floors 5 x 5 x .56 For L. 3 1/2 x 3 1/2 x .40				Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)	59 x .62 to .44		
3 1/2 x 3 1/2 x .40 D.E.S.				" " " " (br'dth & thickness) (in way of Bridge)	59 x .48		
Brackets at intermdt. frmg., wdth & thkns	36 x .42 to .36 .5 BS	de		" " " " Angle (clear of Bridge)	5 x 5 x .56		
SIDE GIRDERS, number on each side & thickness	2.40 to .36 .5 BS.	de		" " " " Tie Plate at sides of Hatchways	.54		
" state if flanged (top and bottom)	top only	de		" Deck, Iron or Steel, for full lng	48 to .34		
" Angle (top and bottom)	3 1/2 x 3 1/2 x .40	de		" " " " Thickness (clear of Bridge)	.36		
" " to Floors	3 x 3 x .40	de		" " " " (in way of Bridge)	.36		
MARGIN PLATE, depth (exclusive of flange) and thickness	35 x .50 .58 BS	de		" Wood Deck, Material & thickness	None		
" Angle to Outside Plating	4 x 4 x .48	de		Second Deck Stringer Plate, br'dth & thickness	47 x .48 to .44		
" " Floors	5 x 3 1/2 x .40 .50 BS	de		" Angles on ditto, No. Stringer plate flanged	3 1/2"		
Brackets at intermdt. frmg., wdth & thkns	30 x .42 to .36 .5 BS	de		" Tie Plates outside Hatchways	.36		
HEIGHT OF OUTSIDE BRACKETS ABOVE AT BILGE	43"	de		" Deck, Iron or Steel, for full lng	.36 to .30		
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	43 x .5 to 4 ends	de		" Wood Deck, Material & thickness	None		
" in Engine and Boiler space	.50 .56	de		Third Deck Stringer Plate, br'dth & thickness	None		
" Remainder in Holds	.44 to .36	de		" Angles on ditto, No.			
BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	8 3 1/2 x .46 BA			" Tie Plates, outside Hatchways			
" In way of Long Bridge	7 37/16 x .50 BA			" Deck, Material and thickness	None		
" Spacing	9 x .5 x 3 .6 x .51 C	de		Fourth and Fifth Deck Stringer Plate, breadth & thickness	None		
BEAMS, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	9 x .45 x 3 .55 x .51 C	de		" Angles on ditto, No.			
" Spacing	8 x .45 x 3 .4 x .60 C	de		" Tie Plates outside Hatchways			
BEAMS, Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	X			" Deck, Material & thickness	35 x .36		
" Angles on upper edge				" Angle on ditto	3 1/2 x 3 1/2 x .36		
" Spacing				" Tie Plates			
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	6 x 3 x .4 BA			" Deck, Material and thickness	Steel .25		
" Angles on upper edge	No			Bridge Deck Stringer Plate, br'dth & thickness	55 x .54		
" Spacing	27 x 24			" Angle on ditto	5 x 5 x .60		
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	8 x 3 1/2 x .42 BA			" Tie Plates	X		
" Angles on upper edge	No			" Deck, Material and thickness	Steel .25		
" Spacing	33"			Forecastle Deck Stringer Plate, br'dth & th'kns	35 x .36		
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	9 x .45 x 3 .55 x .51 C	de		" Angle on ditto	3 1/2 x 3 1/2 x .36		
" Angles on upper edge				" Tie Plates	Deck plates .25		
" Spacing	Alt. frame			" Deck, Material and thickness	O.P. 3"		



PLATING.										EDGES,				BUTTS.						
STRAKES.	AS IN SHIP.				PER RULE OR AS APPROVED.		Ordinary or jogged?				RIVETS.		Doubts or Doubts and for what Length.		RIVETS.		STRAPS.		IF LAPPED.	
	AMIDSHIP.		FORWARD.		AFT.		AMIDSHIP.		Single or Double.	Breadth of Lap.	Diam.	Spacing or for.	Diam.	Spacing or for.	Breadth.	Thick-ness.	Breadth.	For what Length.		
	Breadth.	Thick-ness.	Thick-ness.	Thick-ness.	Breadth.	Thick-ness.	Breadth.	Thick-ness.												
FLAT PLATE KEEL.....	47	1.02	.72	.72		1.02			D.R.	6	1 1/2	4-3	Q to T	1 1/2	4-3	x	x	16-10 1/2		
(U Bar Keel, plate Riveting.)	72	.70	.48	.48		70			"	"	"	"	"	"	"	"	"			
GARBOARD OF A Strake	72	.70	.48	.48		70			"	"	"	"	"	"	"	"	"			
State actual thickness in way of Double Bottom.	B	72	.70	.48	.48	70			"	"	"	"	"	"	"	"	"			
C	72	.70	.48	.48	70			"	"	"	"	"	"	"	"	"	"			
D	72	.70	.48	.48	70			"	"	"	"	"	"	"	"	"	"			
E	72	.70	.48	.48	70			"	"	1 1/2	4-3	"	"	"	"	"	"			
F	69	.70	.46	.46	70			"	"	"	"	"	"	"	"	"	"			
G	60	.70	.46	.46	70			"	"	"	"	"	"	"	"	"	"			
H	69	.70	.46	.46	70			"	"	"	"	"	"	"	"	"	"			
2nd Dk J	72	.70	.46	.46	70			"	"	"	"	"	"	"	"	"	"			
K	72	.78	.46	.46	70			"	"	"	"	"	"	"	"	"	"	20 1/2 - 7 1/2		
S. Strake L	47	.88	.46	.46	70			"	"	"	"	"	"	"	"	"	"	14		
B. Side M	51	.70			72			"	"	"	"	"	"	"	"	"	"			
B.S. N	47	.72			72			"	"	"	"	"	"	"	"	"	"			
O																				
P																				
Q																				
R																				
S																				
T																				
U																				
V																				
W																				
THICKNESS OF SHEER STRAKE, CLEAR OF LONG BRIDGE DO. OF STRAKE BELOW DBLG. of Flat Plate Keel	94	.88																		
" Sheer Strakes Length and thickness.		.78																		
POOP SIDES		.38																		
SHORT BRIDGE SIDES		x																		
FORECASTLE SIDES		.42																		

Wings Bridge Sheer Strake and Upper Deck Sheer Strake and Upper Deck Strake opposite the corresponding letter.

94 - see letter

94 78

note to effect the thickness of Upper Deck Sheerstrake and Strake below should also be stated clear of same.

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W650-0036 (2012)  
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GENERAL REMARKS—(continued).

Frames at 33" spacing 10"x.54 x 3 <sup>II</sup>/<sub>16</sub> x.53C, Intermediate frame 7 x 3 <sup>7</sup>/<sub>16</sub> x <sup>3</sup>/<sub>8</sub> B.A.  
 " " 27" " 10"x 3 <sup>1</sup>/<sub>2</sub> x.56 B.A. " " 7 x 3 <sup>1</sup>/<sub>2</sub> x.4 L  
 " " 24" " 8"x 3 <sup>1</sup>/<sub>2</sub> x <sup>3</sup>/<sub>8</sub> B.A. " " 7 x 3 <sup>1</sup>/<sub>2</sub> x <sup>3</sup>/<sub>8</sub> L  
 " " Tunnel recess 9 x 3 <sup>1</sup>/<sub>2</sub> x.48 B.A. " " 7 x 3 <sup>1</sup>/<sub>2</sub> x.40 L

Extension of main frame in way f'castle, to f'castle & upper deck alternately  
 " " " " in way Bridge to upper & 2nd deck alternately  
 & 8' to Bridge deck

" " " " in after peak all to upper  
 " " " " elsewhere upper & 2nd deck alternately

Pillars, Upper deck, 5 x 5 .40, 4 angles, to 4x4x.4 angles, Wide spacing  
 " 2nd deck, 12 x <sup>1</sup>/<sub>2</sub> x 3 <sup>1</sup>/<sub>2</sub> x.62 double channels with rider plates 13 x.56 to 6 x 6 x.70  
 4 angles to 6 x 6 x.54 4 angles, Wide spacing

Description.	Mark.	Material.	Where made.	Where tested.	Date	Surveyor
Stern Frame.	A.F.I.	C. S.	Oshima S.W.	Oshima	30-10-17.	J.S.C.
Main piece rudder.	A.R.2.	F.S.	" "	"	31-1-18.	J.S.C.
Rudder head.	A.R.I.	F. S.	" "	"	18-12-18.	J.S.C.
Rudder Quadrant.	A.Q.3.	C. S.	Kebe S. W.	Kebe	6-6-18	R.B.
Rudder C.H. tiller.	"81 x "84	C. S.	" " " " " "	"		
Stem	A.S.3.4.	F. S.	Oshima S.W.	Oshima	20-11-17.	J.S.C.

Record for Register Book, F.K. 6 B.H.

Cell D.B. 343'844t, F.P.T.Nilt, A.P.T.28 t Cement

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 32.4 ft., R.Q.D. x ft., Bridge 123.8 ft., Forecastle 41.25 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 Steel decks uncovered.

Official No. ; Signal Letters

State if Machinery is fitted aft No

How are the surfaces preserved from oxidation? Inside Bunkers Bitumastic holds paint Cell D.B. & bilges cement Outside Paint

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

Where Fitted.	*Length.		Water Capacity.	Where Fitted.	*Length.		Water Capacity.
	Feet.	Tons.			Feet.	Tons.	
Double bottom, aft,	115	264		Fore peak tank,	hold.		
Double bottom, under Engines and Boilers,	71.5	157		After peak tank,	16	28	
Double bottom, if under Engines only,	x			Deep tank, aft,	x		
Double bottom, if under Boilers only,	x			Deep tank, forward,	x		
Double bottom, forward,	155.25	423		Other tanks, if fitted,	x		
Total capacity of double bottom			844	(If necessary, furnish further information by sketch.)			

\* The wells are not to be included in the lengths of the tanks. 341.75

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

Order for Special Survey No.

Date 22 - 11 - 16

No. 7 in builder's yard.

Dates of Surveys held while building

Aug 23, September 14, Decr 21, Jan'y 8, Feb 4, 8, 16, 26, March 20, 28, April 9, 16, 26, May 10, 14, 23, 25, 27, 28.

Surveyor's Signature

*James Cairns*

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Total No. of Visits 19.

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