

With or Without
Disconnected Erections.

STEEL STEAMER.

MON. APR. 26. 1915

Received at London Office.

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

Date of completion of report *18 March 1915*
Survey held at *Nagasaki*
On the *Y.S.S. "TOYOOKA MARU"*

Port of *Nagasaki*
Date, First Survey *Jan 9. 1914*

No. *980*
Last Survey *13 March 1915*
Rig *Schooner*

TONNAGE under
Tonnage Deck...
Do. between Tonnage Dk. and 3rd and 4th Dk. *6873.98*
Total under Upper Dk. *6873.98*
Do. of Poop *29.01*
Do. of R.Q.Dk. *339.56*
Do. of Bridge House *54.13*
Do. of Forecastle *182.30*
Do. of Houses on Dk. *41.64*
Do. of excess of Hatchways *54.72*
Do. above Crown of Engine Room *7377.88*
Gross Tonnage *7377.88*
Less Crew Space *330.63*
Less above Crown of Engine Room *54.72*
Net Tonnage *6992.53*
TONNAGE FOR FEES...
Less Engine Room *360.12*
Less Navigation Spaces *72.20*
Less Fuel Tank *17.26*
Register Tonnage *4596.87*
as cut on Beam *4596.87*

CLASS *+100 A1*
Breadth (greatest moulded) *58.00*
Depth, at middle of length from top of keel to top of upper deck beams at side *34.00*
Transverse Number *192.00*
Length on deck from fore part of stem to after part of stern post *1445.00*
Longitudinal Number *40940.00*
Depth "d," at middle of length (See Secs. 2 & 13) *120.42*
Proportions—Depth to Length—Upper Deck Beam at side to top of keel *13.09*
" " Long Bridge Deck Beam at side to top of keel *10.60*

Master *S. Hirase*
Year of appointment *(1) As Master in service of owner of present vessel: 1910 (2) As Master of this vessel: 1915*
Built at *Nagasaki*
When built *1915* Launched *29 Oct 1914*
By whom built *Mitsui Bishi Dockyard & Eng. Works*
Owners *Nippon Yusen Kaisha*
Managers *Do*
Residence *Tokio*
Port belonging to *Tokio*

Destined Voyage *London*

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

LENGTH on Deck as per Rule	BREADTH—Moulded	DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams	Feet.	Inches.	Feet.	Inches.	Feet.	Inches.	No. of Decks with flat laid	No. of Tiers of Beams	Round of Upper Dk. Beam, Actual
445 0	58 0	Do. do. do. do.	31	4 1/2	21	1 1/2	42	0	2	2	14 1/2
Moulded depth, ft. 42 ins. 0 To Bridge Dk. Round of Upper Dk. Beam, Actual 14 1/2 ins.											
Moulded depth, ft. 34 ins. 0 To Upper Dk. Dk. Beam, Actual											

FRAMING.				FORGINGS or CASTINGS.			
FRAME, Angles, or E or L Bars amidships	Inches in Ship	Inches in Ship	Inches in Ship	KEEL, Bar, depth and thickness	Inches in Ship	Inches in Ship	Inches in Ship
Do. in peaks	12	3 1/2	168	STEM, moulding and thickness	11 x 2 1/8	11 x 2 1/8	11 x 2 1/8
Do. in way of Double Bottoms at Solid Floors	8	3 1/2	46	STERN-POST for Rudder do. do.	11 x 3 1/2	11 x 3 1/2	11 x 3 1/2
Do. in way of Double Bottoms at Solid Floors	8	3 1/2	46	RUDDER—A x D* Table 22	50 x 65	50 x 65	50 x 65
Spacing of Frames from centre to centre amidships	27	27	27	" Main-Piece, diameter at head	10 1/2	10 1/2	10 1/2
" " length to Collision bulkhead in peaks	24	24	24	" " at heel	8	8	8
" REVERSED FRAME, Angles	3 1/2	3 1/2	44	RUDDER, how constructed	Singer plate 1.10		
FRAMING, depth of girder	12	12	12	Can the Rudder be unshipped afloat?	yes		
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships	46	42	46	KEELSONS & STRINGERS.			
" in way of Engine and Boiler Spaces	42	42	42	CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate			
" thickness at the ends of vessel	40	40	40	" Rider Plate			
" depth at 1/2 the half breadth, as per Rule	46	42	46	" Flat Plate Keel Angles			
" height extended at the Bilges	46	42	46	" Horizontal Plates on Floors			
FLOORS & BRACKETS in Cell Dble Bottoms state if flanged (top & bottom)	36	36	36	" Angles or Bulb Angles			
" Spacing	46	56	46	SIDE KEELSONS, Number			
CENTRE GIRDER, in Dbl. bottom, dpth. & thickness	5	5	60	" Angles or Bulb Angles			
" Angle, Top	5	5	60	" Plate above floors, for length			
" " Bottom	5	5	60	" Intercoastal Plate, for length			
" " to Floors	6	6	50	" Attached to outside Plating with Angle			
SIDE GIRDERS, number on each side & thickness state if flanged (top and bottom)	2	42	2	BILGE KEELSON, Angles			
" " Angles	3	42	3	" Intercoastal Plate for length			
" " " " "	8	42	8	" Attached to outside Plating with Angle			
MARGIN PLATE, depth (exclusive of flange) and thickness	38	54	38	SIDE STRINGERS, Number 3	30	44	30
" " Angles to Outside Plating	4	50	4	" Angle	5	flange	5
" " Floors	6	32	6	" Intercoastal Plate, for length			
" " Height of Brackets above at bilge	37	48	37	" Attached to outside plating with Angle			
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	46	54	46	Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)	66	70	66
" " " " "	54	63	54	" " " " " (in way of Bridge)	66	50	66
" " " " "	48	48	48	" " " " " Angle (clear of Bridge)	4 x 4	50	4 x 4
BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	8	3	46	" " Tie Plate at sides of Hatchways	5 x 5	72	5 x 5
" " Angles on upper edge	36	36	36	" Deck, * Iron or Steel, for whole length	58	48	58
" " Spacing	9 1/2	3 1/2	50	" " Thickness (clear of Bridge)	58	46	58
BEAMS, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	8	3	42	" " (in way of Bridge)			
" " Angles on upper edge	36	36	36	" Wood Deck, Material & thickness	49	50	49
" " Spacing	7 1/2	3	40	Second Deck Stringer Plate, br'dth & thickness	4 x 4	50	4 x 4
BEAMS, Third or Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	7	3	40	" Angles on ditto, No. 2			
" " Angles on upper edge	27	24	27	" Tie Plates outside Hatchways	40	40	40
" " Spacing	3 1/2	alt. beam	3 1/2	" Deck, * Iron or Steel, for whole length			
PILLARS, In 'tween Deck, size and spacing	4 x 4	3 x 4	4 x 4	" Wood Deck, Material & thickness			
" " " " "	30	46	30	Third Deck Stringer Plate, br'dth & thickness			
" " " " "	3	44	3	" Angles on ditto, No.			
WEB-FRAMES, In Fore Body, No. and spacing br'dth. & thickness	2	30	2	" Tie Plates, outside Hatchways			
" " " " "	30	5	30	" Deck, * Material and thickness			
WEB-FRAMES, In E. & B. Space, No. & spacing br'dth. & thickness	2	30	2	Fourth and Fifth Deck Stringer Plate, br'dth & thickness			
" " " " "	30	5	30	" Angles on ditto, No.			
WEB-FRAMES, In After Body, No. and spacing br'dth. & thickness	2	30	2	" Tie Plates outside Hatchways			
" " " " "	30	5	30	" Deck, Material & thickness			
" " " " "	7	3 1/2	64	Poop Deck Stringer Plate, breadth & thickness			
BRACKET PLATES to Stringers between Web Frames, depth and thickness	24	44	24	" Angle on ditto	3 1/2 x 3 1/2	36	3 1/2 x 3 1/2
	24	44	24	" Tie Plates	10	36	10
				" Deck, Material and thickness	5	3	5
				Bridge Deck Stringer Plate, br'dth & thickness			
				" Angle on ditto	60	58	60
				" Tie Plates	5 x 5	64	5 x 5
				" Deck, Material and thickness	3	46	3
				Forecastle Deck Stringer Plate, br'dth & thickness			
				" Angle on ditto	37	36	37
				" Tie Plates	3 1/2 x 3 1/2	36	3 1/2 x 3 1/2
				" Deck, Material and thickness	2 1/2	3	2 1/2

[illegible]

1913
M. 2 Oct. M. 2 Dec. M. 8 Dec. M. 31 Dec.

Correspondence.—State dates and initials of letters respecting this case (Reference should be made to any correspondence connected with the case) M. 14 Aug. M. 17 Sept.

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.*

to plate, &c., conform well to each other? *yes.*

from the faying surfaces? *yes.*

Do the holes for riveting plate to frames, butt straps, or plate

Are the rivet holes well and sufficiently countersunk in the plate and punched

Have all the upper and weather decks been tested as required by the Rules (Sec. 26, par. 20)? *yes.*

Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? *yes.*

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

The workmanship and materials are good.

This vessel has been built in accordance with the approved plans and in conformity with the Rules for the class contemplated.

Plans of Section
alteration to Section
Profile
alterations to Profile
Strong frame & Rudder
alterations " "
2. Castings reports

Not a sister vessel.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop *34.75* ft., R.Q.D. *—* ft., Bridge *138* ft., Forecastle *35* 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) *2 & 4 (steel).*

Official No. *later*; Signal Letters *later*

How are the surfaces preserved from oxidation? Inside *Paint & Cement. Tank top and inside* Outside *Paint*

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system or with girders on floors *Solid floor alt. frames*

Where Fitted.	Length. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	<i>135</i>	<i>375</i>	Fore peak tank,		
Double bottom, under Engines and Boilers,	<i>69</i>	<i>306</i>	After peak tank,		
Double bottom, if under Engines only,			Deep tank, aft,	<i>16</i>	<i>60</i>
Double bottom, if under Boilers only,			Deep tank, forward,	<i>42</i>	<i>1184</i>
Double bottom, forward,	<i>188</i>	<i>647</i>	Other tanks, if fitted,		
Total capacity of double bottom	<i>1348</i>		(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. *1914*

Date *3 Sept. 1913*

No. *242* in builder's yard.

DATES OF SURVEYS held while building

Jan. 9-10-12-15-16-17-22-23-31. Feb. 5-14-16-19-23-27-28. Mar. 1-4-7-11-19-26-31. Apr. 1-2-4-7-8-9-11-15-17-21-25-30. May. 15-16-18-22-25-28. June. 4-10-15-18-23-25-27-30. July. 4-8-13-17-18-22-25-27-28-30. Aug. 2-13-17-18-22-25-27-28-30. Sept. 1-3-8-10-12-14-17-21-23-24-30. Oct. 1-3-6-7-9-12-15-19-20-22-23-24-25-27-28-30. Nov. 2-13-17-18-22-25-27-28-30. Dec. 1-3-6-11-20-27-29.

Total No. of Visits *110*

The amount of Entry Fee £ *5* : *0* : *0*

Special Survey Fee.... £ *249* : *12* : *6*

Travelling Expenses, if any £- : : *19/3/1913*

Fees applied for, *18/3/1913*

Received by me, *19/3/1913*

State whether the Vessel has been built under Special Survey. *yes.*

I am of opinion this Vessel should be Classed *+100.A1.*

With, or without Freeboard, as condition of Class *without.*

Committee's Minute *FRI. APR. 30, 1915*

Character assigned *100.A1.*

Lloyd's A.C.P. + Lmc 3.15.F.D.

Mike Nes

G. D. Calkin.
Surveyor to Lloyd's Register of British and Foreign Shipping.

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