

With or Without
Disconnected Erections.

STEEL STEAMER.

Received at London Office TUE. APR. 25 1917.

Date of completion of report 31st Jan'y 1918 Port of Kobe
Survey held at Osaka Date, First Survey 24th March Last Survey 25th November 1917
On the (State if Single, Twin or Triple Screw) Steel Single Screw Steamer "Nohso Maru" Rig 2 masts
Tonnage under Tonnage Deck 2757.06
Do. between Tonnage Dk. and 3rd and 4th Dk. 2757.06
Total under Upper Dk. 3179.59
Do. of Poop
Do. of R. Q. Dk.
Do. of Bridge House
Forecastle
Houses on Dk.
Excess of Hatchways
Above Crown of
Main Room
Tonnage 3179.59
Crew Space
Above Crown of
Main Room
Tonnage 2016.27
Engine Room
Navigation Spaces
Ter Tonnage
Length on Deck
Per Rule 305 0
BREADTH
Moulded 43 9
DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams 27 25
Do. do. do. do. Second Dk. Beams 17 9
Moulded depth, ft. 34 ins. 0 To Bridge Dk. Round of Upper 10 3/4 ins.
Moulded depth, ft. 27 ins. 3 To Upper Dk. Dk. Beam, Actual

CLASS 4 100 A1.
Breadth (greatest moulded) 43.75
Depth, at middle of length from top of keel to top of upper deck beams at side 27.25
Transverse Number 71.00
Length on deck from fore part of stem to after part of stern post 305.00
Longitudinal Number 21655
Depth "d," at middle of length (See Secs. 2 & 13) 17.25
Proportions—Depths to Length—Upper Deck Beam at side to top of keel 11.2
Long Bridge Deck Beam at side to top of keel 8.9
Master Natsuo Saito
Year of appointment (1) As Master in service of owner of present vessel—191 (2) As Master of this vessel—191
Built at Osaka
When built 1917 Launched 10th Oct. 1917
By whom built Osaka Iron Works Ltd.
Owners Osaka Shosha Kaisha
Managers (Where necessary to be entered in Reg. Book.)
Residence
Port belonging to Osaka
Destined Voyage If Surveyed while Building, Afloat, or in Dry Dock Building

FRAMING.
AME, Angles, or Bars amidships
Do. in peaks
Do. in way of Double Bottoms at Solid Floors
Do. at intermdt. Bkts.
Girders from centre to centre amidships
Do. from 1/2 length to Collision bulkhead
Do. in peaks
VERSED FRAME, Angles
Do. in way of Double Bottoms at Solid Floors
Do. at intermdt. Bkts.
FRAMING, depth of girder
DOORS, depth and thickness of Floor Plate
Do. at mid-line for 1/2 length amidships
Do. in way of Engine and Boiler Spaces
Do. thickness at the ends of vessel
Do. depth at 1/2 the half breadth, as per Rule
Do. height extended at the Bilges
DOORS in Cell. Double Bottoms
Do. state if flanged (top & bottom)
Do. Spacing of Solid floors
CENTRE GIRDER, in Dbl. bottom, dpth. & thcknss.
Do. Angles, Top
Do. Angles, Bottom
Do. to Floors
Do. Brackets at intermdt. frmg., width & thcknss
SIDE GIRDERS, number on each side & thickness
Do. state if flanged (top and bottom)
Do. Angles (top and bottom)
Do. to Floors
GIRIN PLATE, depth (exclusive of flange)
Do. and thickness
Do. Angle to Outside Plating
Do. Floors
Do. Brackets at intermdt. frmg., width & thcknss
Do. Height of Outside Brackets above at bilge
ER BOTTOM PLATING, breadth and thickness of Middle Line Strake
Do. in Engine and Boiler space
Do. Remainder in Holds
MS, Upper Deck, Single Angle, Bulb
Do. Angle, Plate, Tee Bulb, or Channel
Do. In way of Long Bridge
Do. Spacing
MS, Second Deck, Single Angle, Bulb
Do. Angle, Plate, Tee Bulb, or Channel
Do. Spacing
MS, Third and Fourth Deck, Single Angle
Do. Bulb Angle, Plate, Tee Bulb, or Channel
Do. Angles on upper edge
Do. Spacing
MS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel
Do. Angles on upper edge
Do. Spacing
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel
Do. Angles on upper edge
Do. Spacing
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel
Do. Angles on upper edge
Do. Spacing

PILLARS.
PILLARS, In 'tween Deck, size and spacing
Do. Hold
Do. Quarter 'tween Dks.
Do. in Hold
KEELSONS & STRINGERS.
CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate
Do. Rider Plate
Do. Flat Plate Keel Angles
Do. Horizontal Plates on Floors
Do. Angles or Bulb Angles
SIDE KEELSONS, Number
Do. Angles or Bulb Angles
Do. Plate above floors, for length
Do. Intercoastal Plate, for length
Do. Attached to outside Plating with Angle
BILGE KEELSON, Angles
Do. Intercoastal Plate for length
Do. Attached to outside Plating with Angle
SIDE STRINGERS, Number
Do. Angle
Do. Intercoastal Plate, for length
Do. Attached to outside plating with Angle

Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)
Do. br'dth & thickness (in way of Bridge)
Do. Angle (clear of Bridge)
Do. Tie Plate at sides of Hatchways
Do. Deck * Steel, for whole lng.
Do. Thickness (clear of Bridge)
Do. (in way of Bridge)
Do. Wood Deck. Material & thickness
Second Deck Stringer Plate, br'dth & thickness
Do. Angles on ditto, No. 1
Do. Tie Plates outside Hatchways
Do. Deck * Steel, for whole lng.
Do. Wood Deck. Material & thickness
Third Deck Stringer Plate, br'dth & thickness
Do. Angles on ditto, No.
Do. Tie Plates, outside Hatchways
Do. Deck * Material and thickness
Fourth and Fifth Deck Stringer Plate, breadth & thickness
Do. Angles on ditto, No.
Do. Tie Plates outside Hatchways
Do. Deck. Material & thickness
Poop Deck Stringer Plate, breadth & thickness
Do. Angle on ditto
Do. Tie Plates
Do. Deck. Material and thickness
Bridge Deck Stringer Plate, br'dth & thickness
Do. Angle on ditto
Do. Tie Plates
Do. Deck. Material and thickness
Forecastle Deck Stringer Plate, br'dth & th'kns
Do. Angle on ditto
Do. Tie Plates
Do. Deck. Material and thickness

Longitudinal System
Longitudinal

Longitudinal

Longitudinal

Longitudinal

Longitudinal

Longitudinal

Longitudinal

Longitudinal

Longitudinal

[illegible]

EQUIPMENT No. 22613						LETTER T						ANCHORS.						TONNAGE U.D.K. 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.							
Fathoms.	Diam.	Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.									
76283	1st Bower ...	48	2	23				41	11	3	14	42	0	0	Hall's c.s. hd.	M.Hayley & Co. Neth. 25/8/16 M.G.							
76285	2nd " "	48	1	18				41	8	3	0	39	2	0	do	do do do do							
76286	3rd " "	40	3	2				36	8	0	14	38	0	0	do	do do do do							
	4th " "														do	do do do do							
	Collective weight	137	3	15								119	2	0									
75684	Stream	11	1	0	2	3	21	13	2	2	0	11	0	0	Rodgers' Iron Bar	N.Hayley & Co. Neth. 29/6/16 M.G.							
75961	Kedge.....	5	1	0	1	1	17	7	11	3	14	5	1	0	- do	do do do do							

CHAIN CABLES.										HAWSERS AND WARPS.													
Number of Certificate.		Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE Supplied.		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.	Diam.	Ins.	Ins.	Ins.	Ins.	Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Fathoms.	Diam.	Ins.	Ins.	Ins.	Fathoms.	Diam.	Ins.	Ins.	Fathoms.	Diam.	Ins.
228	242	1 7/8	63 1/2	88 1/2	452-2-15	425-1-0	240	1 7/8	S.L.	Ocala Chain Works	Ocala 21/3/16 ALJ						TOWLINE	100	4	33	100	4	33
																	HAWSERS & WARPS	100	2 1/2	12 1/2	100	2 1/2	12 1/2
Bolt Strength (Bulwark or Steel Wire)	90	4 1/4	46-6	J			75	4 1/4	S.W.	Lorca Seils & K	4/No. 2/10/16 ASC						" "	2-90	7	Manila	2-90	7	Manila
																	" "	2-90	6	"	2-90	6	"

Boats 3 life. 25'-0" x 4'-3" x 3'-3" Lemna 14'-0" x 4'-8" x 1'-4" Steering Gear, Steam By Builders Steering Gear, Hand By Builders
Pumps, Number 2 on bow & 2 on stern. H.P. 6 F.P. Diameter of Barrel 4" x 4 1/2" State whether they are in efficient working order Yes
Windlass is by Builders & Capstan drums
Engine Room Skylights.—How constructed? Plates & angles What arrangements for deadlights in bad weather? Glass in steel frames
Coal Bunker Openings.—How constructed? On bridge plates & angles How are lids secured? Clamped Height above deck? 30" on bridge
Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. Scup. 4 on side on fore & aft decks. F.P. 4 on side of each hull. R.A. 4 on bridge
Ceiling in Holds, thickness and material 3" pine u. l. & yps. at bulkheads Cargo Battens, thickness and material Pine 2" x 6" 33" x 18"
Cargo Hatchways.—How formed? Plates & angles Hatches, if strong and efficient? Yes
State size No. 1 Hatch (Forward) 24'-0" x 16'-0" No. 2 Hatch 24'-0" x 16'-0" No. 3 Hatch 24'-0" x 16'-0" No. 4 Hatch 24'-0" x 16'-0"
Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch 4 webs only, each 2" x 12" x 3" x 40"
No. of Breasthooks 5 with decks No. of Crutches 2 up floors
Bulwarks, height above deck and description 3'-6" x 25" 4 x 3" x 40" steps Main Rail, material and size 6" x 3" x 35" R.P.
The foregoing is a correct description.
Builder's Signature (here only) G. J. Jones Surveyor's Signature Arthur L. Jones
Correspondence.—State dates and initials of letters respecting this case (Reference should be made in any correspondence connected with the case)
17. 11/2/15 : 15/3/16 : 16/4/15 : 29/4/15 : 9/6/15
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 in A.P. Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., conform well to each other? Yes
from the facing surfaces? Yes Do any rivets break into or through the seams or butts of the plating?
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 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 in accordance with the approved plans & the materials & workmanship have been found good
Sister vessels are the "Peking Maru" "Nankai Maru" "Iromasan Maru" "Yagu Maru"
Photographs of midship section & of Profile & decks are forwarded herewith (delayed for a few days)
Cast steel anchor heads.
1st Bower. Cert. No. 19/6/16 27 cwt 3 qrs 23 lbs No. 619 m.c. Tested 9/13/16
2nd Bower. " " 17/6/16 27 " 3 " 17 " " 609 " " 29/6/16
3rd Bower. " " 15/7/16 24 " 2 " 8 " " 658 " " 4/11/16
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 you : 50 Fees applied for,
Special Survey Fee.... you 1567 20 Nov 1917
Travelling Expenses, if any you 25 Received by me.
26 Nov 1917
Certificate to be sent to Noble Date of issue 3/4/18
State whether the Vessel has been built under Special Survey Yes
I am of opinion this Vessel should be Classed + 100 A.I. longitudinal framing
With, or without Freeboard, as condition of Class Without
Surveyor to Lloyd's Register of British and Foreign Shipping.
Committee's Minute WED. APR. 3 1918.
Character assigned 100 A.I.
A & C. P.
+ L.M.C. 11:17 A.L.
Miss Khe

PARTICULARS OF LONGITUDINAL FRAMING.

FRAMING.		AMIDSHIPS.			ENDS.			AMIDSHIPS.			ENDS.			RIVETING.		
		In Ship.			In Ship.			Per Rule or as approved.			Per Rule or as approved.			Rivets in Longitudinal Frames.	Spacing of Rivets on each side of Transverses and Bulkheads.	
		Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	
Framing of L & T		6	3 1/2	40	6	3 1/2	36	6	3 1/2	40	6	3 1/2	36	7/8	5 1/4	
Frames in Bridge 'tween Decks ...		"	"	"	"	"	"	"	"	"	"	"	"	"	5 1/4	
Frames from Uppermost Continuous Deck		"	"	"	"	"	"	"	"	"	"	"	"	"	"	
No. 1		"	"	"	"	"	"	"	"	"	"	"	"	"	5	
No. 2		"	"	"	"	"	"	"	"	"	"	"	"	"	"	
No. 3		7	3 1/2	40	7	3 1/2	36	7	3 1/2	40	7	3 1/2	36	"	"	
No. 4		7 1/2	3 1/2	44	7 1/2	3 1/2	40	7 1/2	3 1/2	44	7 1/2	3 1/2	40	"	6	
No. 5		8 1/2	3 1/2	44	8 1/2	3 1/2	40	8 1/2	3 1/2	44	8 1/2	3 1/2	40	"	"	
No. 6		9	3 1/2	44	9	3 1/2	44	9	3 1/2	44	9	3 1/2	44	"	7	
No. 7		9	3 1/2	50	9	3 1/2	46	9	3 1/2	50	9	3 1/2	46	"	"	
No. 8		9 1/2	3 1/2	56	9 1/2	3 1/2	52	9 1/2	3 1/2	56	9 1/2	3 1/2	52	"	8	
No. 9		7	3 1/2	40	7	3 1/2	36	7	3 1/2	40	7	3 1/2	36	"	"	
No. 10		"	"	"	"	"	"	"	"	"	"	"	"	"	6	
No. 11		"	"	"	"	"	"	"	"	"	"	"	"	"	"	
No. 12		"	"	"	"	"	"	"	"	"	"	"	"	"	"	
No. 13		"	"	"	"	"	"	"	"	"	"	"	"	"	"	
No. 14		"	"	"	"	"	"	"	"	"	"	"	"	"	"	
No. 15		"	"	"	"	"	"	"	"	"	"	"	"	"	"	
No. 16		"	"	"	"	"	"	"	"	"	"	"	"	"	"	
Spacing of Longitudinal Frames		Amidships 30			Ends 30			Amidships 30			Ends 30					
Double Bottoms		Tank Top Longitudinals			Bottom			Amidships			Ends					
L & T		7	3	40	7	3	36	7	3	40	7	3	36	7/8	5 1/4	
Spacing of Longitudinals		Amidships 30			Ends 30			Amidships 30			Ends 30			41 @ 4 3/8		
Transverses.		In Bridge			In Awning, Shelter or Upper 'tween Decks.			In Hold.			Rivets in Lugs to Shell					
Depth and Thickness		14 38			14 38			14 38			14 38					
Face Angle		BA			BA			BA			BA					
Lugs to Shell		3 1/2 3 1/2 38			3 1/2 3 1/2 38			3 1/2 3 1/2 38			3 1/2 3 1/2 38			7/8 4 3/8		
Depth and Thickness		16 38			16 38			16 38			16 38					
Face Angle		BA			BA			BA			BA					
Lugs to Shell		3 1/2 3 1/2 40			3 1/2 3 1/2 40			3 1/2 3 1/2 40			3 1/2 3 1/2 40			7/8 4 3/8		
Depth and Thickness		23 48			23 48			23 48			23 48					
Face Angle		BA			BA			BA			BA					
Lugs to Shell		6 6 46			6 6 46			6 6 46			6 6 46			7/8 4 3/8		
Brackets		3 34			3 34			3 34			3 34					
Spacing of Transverse Frames		12 ft. per profile														
* State if joggled or liners.		joggled														
Longitudinal Beams of L & T		Bridge Deck			Awg. or Shltr. Dk.			Upper			Second			Third		
6		3	36	5 1/2	3	36	6	3	36	5 1/2	3	36	36			
6 1/2		13	40	6 1/2	3	36	6 1/2	3	40	6 1/2	3	36	30 30			
7 1/2		3	40	7	3	36	7 1/2	3	40	7	3	36	48-42			
Transverse Beams.		In Ship.			As approved.			In Ship.			As approved.					
Plate.		11 x 36			11 x 36			11 x 36			11 x 36					
Angles.		7-3 1/2 48			7-3 1/2 48			7-3 1/2 48			7-3 1/2 48					
12-38		8-3 1/2 64			12-38			8-3 1/2 64			12-38					
12-38		9-3 1/2 58			12-38			9-3 1/2 58			12-38					

The particulars of framing in peaks (if ordinary), Floors, Centre Girder, Side Girders and Margin Plate and their angle attachments, etc., to be entered in their respective places provided for on the Report Forms.

50,12,15. - T.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 19 ft., R.Q.D. ✓ ft., Bridge 82 ft., Forecastle 32-2 (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 should appear in the Register Book) 2 Dks. (Stl.)

Official No. 21136; Signal Letters NMGL

How are the surfaces preserved from oxidation? Inside Paint & Cement State if Machinery is fitted aft No Outside Paint

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

Where Fitted.	*Length.	Water Capacity.	Where Fitted.	*Length.	Water Capacity.
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft,	84.5	134	Fore peak tank,		
Double bottom, under Engines and Boilers,	32.5	91	After peak tank,		
Double bottom, if under Engines only,			Deep tank, aft,		20
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,	138.0	293	Other tanks, if fitted,		
	Total capacity of double bottom	518	(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.

Date

No. 902 in builder's yard.

DATES OF SURVEYS held while building

24th 26th Mar. 9th 23rd April. 1st 8th 30th May. 4th 16th 30th June 6th 10th 28th July. 11th 16th 20th 29th Aug. 3rd 13th 29th Sept. 2nd 4th 9th 11th 20th 28th Oct. 1st 4th 15th 19th & 25th Nov. 1917

Surveyor's Signature

Arthur L. Jones

© 2021 31

Lloyd's Register Foundation

Rpt. 4.

Date of writing

No. in Sur Reg. Book.

on t

Master

Engines made

Boilers made

Registered Ho

Nom. Horse P

ENGINES,

Dia. of Cylin

Is the screw s

in the propel

between the b

liners are fitt

Dia. of Tunnel

collars 12

No. of Feed p

No. of Bilge p

No. of Donkey

In Engine Ro

No. of Bilge In

Are all the bilg

Are all connect

Are they fixed

Are they each f

What pipes an

Are all Pipes

Are the Bilge

Is the Screw

BOILERS,

Total Heating

Working Pr

Can each boiler

each boiler

Smallest distan

Thickness 1 3/4

long. seams

Per centages of

Size of compen

Length of pla

Working press

Pitch of stays

Material of st

Material Sl

Area at sma

Thickness 1

Diameter of tr

Pitch across

thickness of g

Working pres

Diameter

Pitch of rivets

SUPERHE

Date of Test

Diameter of St