

No. 1268.

DEC. 25. EB. 1920

TONNAGE under } Tonnage Deck... } 6400.22	CLASS +100 A-1 sh. Bk with freeboard FEET.	Master E. Takahashi
Do. between Tonnage Dk. and } 3rd, 4th, or Apping Dk. } Total under Upper Dk. } 6400.22	Breadth (greatest moulded) 56.0	Year of Appointment { (1) As Master in service owner of present vessel (2) As Master of the vessel
Do. of Poop	Depth, at middle of length from top of keel to top of 38.5	

Do. of R. Qr. Dk.	/	beams at side of uppermost Continuous Deck .... )	Deduct height of 'tween deck when this does not exceed 8ft.	10.5	Built at	Nagasaki, Japan.						
Do. of Bridge House	/											
Do. of Forecastle	91.00						Transverse Number	86.5	When built	1919.		
Do. of Houses on Deck	275.61										Length on deck from fore part of stem to after part of	10 <sup>th</sup> Dec.
Do. of	120.61											

Do. of excess of Hatchways	29.34	Length on deck from fore part of stem to after part of sternpost	420.0	By whom built	Mitsubishi Zosen K.
Do. above Crown of Engine Room	67.48	Longitudinal Number	36.330	Owners	Nippon Yusen Kaisha
Gross Tonnage	7163.85	Depth "d" at middle of length. See Secs. 2 & 13	24.83		
Less Crew Space	329.16				

Less above Crown of Engine Room ..	67.48	Proportions, Depths to Length, Uppermost Continuous Deck at side to top of keel .....	10-91	Managers	(Where necessary to be entered in Reg. Book.)
ER FEES...	6767.21			Residence	Tokio Japan.
Room	2292.43			Port belonging to	Tokio
Top Spaces	92.49				
	92.49	" " " Upper Deck at side to top of keel	14.74		

image 4382-64 Destined Voyage Namhuag. If Surveyed while Building, Afloat, or in Dry Dock while building

on rule	Ft. 420	Ins. 0	BREADTH — Moulded ..	Ft. 56	Ins. 0	DEPTH, ACTUAL Do.	Top of Floors to top of <del>Lower</del> Shelter Dk. Beams	35	11 1/2	No. of Decks with flat laid
							do. Upper Deck Beams ...	25	11 1/2	No. of Tiers of Beams
* Ship per Register,					38-5	<del>Lower</del> Shelter Dk.	Moulded depth, ft. 38	ins. 6	To <del>Lower</del> Shelter Dk.	Round up of Uppermost
length 420	breadth 56-0	depth 18-5				Upper Deck	Moulded depth, ft. 28	ins. 1		Dk Beam Actual

FRAMING.		Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches per Rule Or as	Inches per Rule Or as	Inches per Rule ved.	PILLARS.	Inches. Size in Ship.	Inches. Spacing in Ship.	Inches. per Rule. Or as
Angles, or E or L Bars, amidships ....	9	1 1/2	5/8	✓ 9	3 1/2	5/8	✓ 5/8	PILLARS, In 'tween Deck, size and spacing			
Butt ends	8	1 1/2	5/8	✓ 8	3 1/2	5/8	✓ 5/8	Hold	1 1/2	5/8	✓ 5/8

Plates	8	5 1/2	50	8	5 1/2	44	"	"	Hold	"	"
of Double Bottoms at Solid Floors ..	3 1/2	3 1/2	7 1/2	3 1/2	3 1/2	42	"	"	Quarter, 'tween Bks., "	"	"
" at intermdt. Bkts.	8	3 1/2	54	8	3 1/2	54	"	"	in Hold	"	"
Frames from centre to centre amidships	30			30			<b>KEELSONS AND STRINGERS.</b>				
	Inches	Inches	Inches	Inches	Inches	Inches					
	in Ship,	in Ship,	in Ship,	per Rule	per Rule	per Rule					

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ay of Double bottoms at Solid Floors...	8 1/2	5 1/2	7 1/2	5 1/2	5 1/2	4 1/2	Horizontal Plates on Floors .....
at intermdt. Bkts.	8	3 1/2	5 1/2	8	3 1/2	5 1/2	Angles or Bulb Angles.....
depth of girder .....	10			9 1/2			<b>SIDE KEELSONS, Number.....</b>
length and thickness of Floor Plate							
mid-line for 2 length amidships							

[illegible]

not extended at the Bilges .....	
in Cell Double Bottoms .....	<i>44      7/8      44      -40</i>
tate if flanged (top and bottom).....	<i>Flanged at Top. Flanged at Top.</i>
spacing of Solid.....	<i>Alternate frames.</i>

**BILGE KEELSON, Angles.....**

, Intercoastal Plate, for ..... length

, Attached to outside plating with Angle ..

SIDE STRINGERS .....

ORDER, in Dbl.bottom.dpth.&thickness	4/4			66	4/4		52	SIDE STRINGERS, Number	
" Angles, Top	Single	5	5	5/8	5	5	54	" "	Angle
" " Bottom	Dbl	5	5	9/16	5	5	54	" "	Intercostal Plate, for
" "	Single	5	5	5/8	5	5	54	" "	Attached to outside plating with Angle

brackets at intermdt. frmg., width & thickness	2'-6" x 3/16	2'-6" x 3/16	40	Shelter Deck Stringer Plates, } breadth and thickness	58" x .66	58
<b>DECKERS</b> , number and thickness	Two x 3/16	Two x 3/16	40	Angle on ditto	5 x 5 x .60	5 x 5
state if flanged (top & bottom)	Flanged at top			Tie Plates, fore and aft, outside Hatchways		

Angles <i>at bottom (single)</i>	3 1/2	3 1/2	7/16	5/8	1 3/8	48	Deck * <del>Iron</del> Steel, for <i>whole</i>	7/16 x 1/2	44
PLATE, depth (exclusive of flange)	34		.50	34		48	Wood Deck. Material & thickness	2" O.P. in living sp	
and thickness							Upper Deck Stringer Plate, breadth and	48" x 1/2"	48
Angles to outside plating	4	4	.50	4	4	.50	thickness	3 1/2 x 3 1/2 x .50	3 1/2 x 3 1/2
to floor	4 1/2	3 1/2	1/4	1/4	1/4	1/4	Angles on ditto No		

[illegible]

thickness in Engine and Boiler space	66	56
Remainder in Holds	42 - 3/8"	42 - 3/8"
Shltr Dk, Single Angle	8 3/4	8 3/4
1b Angle, Plate, Tee Bar or Channel	50	50

per Deck, Single Angle, Bulb Angle, to Tee Bulb or Channel	every frame 9 1/2 52 9 3/2 52	Third, Fourth & Fifth Deck Stringer Plate, breadth and thickness
Second, Third & Fourth Deck, Single Bulb Angle Plate Tee Bulb or Channel	every frame	Angles on ditto, No.
		Tie Plates, outside Hatchways
		Deck. Material and thickness

ing .....	✓	✓	✓	✓
<b>Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel</b> .....	✓	✓	✓	✓
Angles on upper edge .....				
<b>Poop Deck Stringer Plate, breadth &amp; thickness</b> .....				
Angles on ditto .....				
Tie Plates .....				
Deck. Material and thickness .....				

"	Angles on upper edge .....				"	Beam Material and thickness .....	✓	✓
"	Spacing .....				"	Bridge Deck Stringer Plate, br'dth & thickness .....		
<b>BEAMS,</b>	Bridge Deck, Angle, Bulb Angle, Plate, ) Tee Bulb or Channel ..... }	✓		✓	"	Angle on ditto .....		
"	Angles on upper edge .....				"	Tie Plates .....		

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Deck. Material and thickness sd 4 1/2 in. 1/2 in



[illegible]



## EQUIPMENT No. 39,536 LETTER a f ANCHORS.

Number of Certificate.	Anchors.	WEIGHT, EX. STOCK			WEIGHT OF STOCK			TEST, PER CERTIFICATE				WEIGHT REQ. BY TABLE 31.			Description of Anchor.	Makers.	Where and when tested and Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.			
532	1st Bower	65	1	22	Stockless			51	5	0	0	64	3	9 3/4	Hall's Cast Steel Wd.	Kobe Steel Works	Kobe 4/14/19 A.L. Jones
533	2nd "	65	0	25	"			51	2	2	0	"	"	"	"	"	" 14/1/19 "
536	3rd "	64	3	16	"			51	0	0	0	"	"	"	"	"	" 14/1/19 "
	Collective weight	195	2	4								194	2	0			
114	Stream	19	1	14	4	3	13	20	4	0	7	19	0	0	Ordinary Anchor	Osaka Steel Works	Osaka 24/12/18 J.S. Cairns
119	Kedge	8	1	16	2	0	26	10	12	2	0	8	0	0	"	"	"

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

1st Bower 34-1-8 A.L. Jones 532 14-6-19  
2nd " 34-1-8 " 533 "  
3rd " 34-1-8 " 536 24-6-19.

## CHAIN CABLES.

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.	HAWERS AND WARPS.			
	Length.	Diam.		Supplied.	Per Rule.					Material	Length.	Size.	Breaking Test of Steel Wire Towline.
814	271 2/3	2 3/8	101 5/16	142 1/8	802-0-11 7/20-3-4	270	2 3/8	S.L.	Osaka Chain Works Osaka 7/5/19 J. Jo.	TOWLINE	120	4 3/4	65.5
	90	4 1/2	59-0			90	5		Tokio Seiko Kaisha, Tokio 25/10/19, Makurashi.	HAWERS & WARPS	2-90	2 3/4	15.5
											2-90	7	2-90

Boats 4 wood lifeboats 26'0" x 8'2" x 3'3" & 2 Gemmas  
Pumps, Number one Brown Pump  
Windlass is Wing. Wind Steam of Luck Wapping Type  
Engine Room Skylights.—How constructed? Steel plated angles  
Coal Bunker Openings.—How constructed? Steel coaming, wood cover How are lids secured? Iron bands Height above deck? 24"  
Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. 3 for 2, 2 aft each side, 2-3'9" x 18" clear each side.  
Ceiling in Holds, thickness and material 2 1/2" Deshio Pine  
Cargo Hatchways.—How formed? Steel coamings with web plate beams Hatches, If strong and efficient? Yes.  
State size No. 1 Hatch (Forward) 29'3" x 20' No. 2 Hatch 32'6" x 20' No. 3 Hatch 15'0" x 18' No. 4 Hatch 12'6" x 20'  
Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch No. 1-5, No. 2-6, No. 3-3, No. 4-2, No. 5-6-5, No. 5-6 Hatch 24'6" x 20'0"  
Bulwarks, height above deck and description 3'6" stays 5 1/2" x 3" x 1/2" No. of Breasthooks 4 No. of Crutches  
The foregoing is a correct description. Main Rail and Stays, material and size 5 1/2" x 3" x 1/2" 7  
Builder's Signature (here only) R. Crawford Surveyor's Signature R. Crawford  
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) M-14 Jan. 19

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? frames joggled

to plate, &c., conform well to each other? Yes

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 strapped? Yes

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 Midship Section, Profile & Decks, Rudder & Sternframe, & List of Pillars & Girders, are enclosed under separate cover.

Certificates for Sternframe & Rudder are herewith enclosed.

This vessel is a sister vessel to the "Alaska Maru" Repr No. 1251 and the "Delagoa Maru" No. 1259.

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 ... Yes 50.00

Special Survey Fee ... £ 3398.00

Travelling Expenses, if any £

Fees applied for,

24th Dec. 1919

Received by me,

29th Dec. 1919

Certificate to be sent to

Nagasaki

Date of issue

1.3.20

State whether the Vessel has been built under Special Survey

I am of opinion this Vessel should be Classed

+100 A-1

Shelter Deck

With, or without Freeboard, as condition of Class

with freeboard.

R. Crawford

Surveyor to Lloyd's Register of Shipping.

Committee's Minute

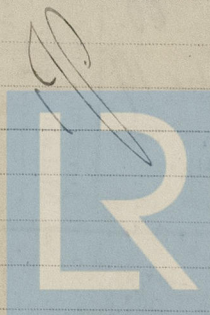
Character assigned

FRI. 27 FEB. 1920

100 A-1 Shelter Deck with freeboard

A & B. P

+L.M.C. 12.19 J.L.



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GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. ☒ ft., Bridge ☒ ft., Forecastle ☒ 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 a should appear in the Register Book). *One dk (stl) and shelter dk (stl) Two tiers of beams*  
 Official No. \_\_\_\_\_; Signal Letters \_\_\_\_\_ State if Machinery is fitted aft *no*  
 How are the surfaces preserved from oxidation? Inside *Paint & Cement* 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,	<i>114.50</i>	<i>325.04</i>	Fore peak tank,	<i>21.0</i>	<i>104.96</i>
Double bottom, under Engines and Boilers,	<i>47.50</i>	<i>190.16</i>	After peak tank,	<i>20.0</i>	<i>85.40</i>
Double bottom, if under Engines only,			Deep tank, aft,	<i>27.50</i>	<i>107.23</i>
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,	<i>200.00</i>	<i>648.21</i>	Other tanks, if fitted,	<i>F.W. TANK</i>	<i>47.5</i>
	Total capacity of double bottom	<i>1163.44</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. *60.*

Date *24<sup>th</sup> Apr. 19*

No. *329* in builder's yard.

DATES of Surveys held while building

*1919 June 20, 27, Aug 1, 5, 6, 8, Sept. 4, 10, 16, 17, 22, 26, 27, 30, Oct. 10, 13, 18, 19, 22, 23, 27, 30. Nov. 6, 8, 10, 13, 18, 27.*

Surveyor's Signature

*R. Crawford*

Total No. of Visits *293*