

Rogers Marine  
27924

# Lloyd's Register of Shipping.

## SURVEYS FOR FREEBOARD - STEAM SHIPS.

2533

PARTICULARS RELATING TO ALL STEAM SHIPS EITHER FLUSH DECKED, OR WITH TOP GALLANT FORECASTLES, SHORT POOPS AND BRIDGE HOUSES DISCONNECTED, OR WITH TOP GALLANT FORECASTLES HAVING LONG POOPS, OR RAISED QUARTER DECKS CONNECTED WITH BRIDGE HOUSES, OR OTHERWISE.

Port of Survey Yokohama.  
Date of Survey White Building  
Name of Surveyor Wm Booth

Ship's Name <u>OSANO S.S. Co. S.S. BOSTON. MARU. YARD N<sup>o</sup> 3</u>	Port of Registry and Nationality <u>Yokohama, Japanese.</u>	Official Number <u>26358.</u>	Gross Tonnage <u>5438.08.</u>	Date of Build. <u>10-19.</u>	Particulars of Classification <u>+100A.1. Contemplated</u>
Number in Register Book					

Registered dimensions from Ship's Register	LENGTH. <u>400'-0"</u>	BREADTH. <u>53'-2"</u>	DEPTH. <u>29'-4 1/2"</u>	UNDER DECK TONNAGE. <u>4988.26.</u>
Length on LOADLINE.	<u>400'-0"</u>	Frame Depth Rule <u>6/6</u> Ceiling Sheer <u>80</u> Drop in tank <u>3"</u> + .12	Ceiling <u>fitted</u> Sheer <u>80</u> Drop in tank <u>3"</u> + .12	Peak } Incl. Tanks }
CORRECTED DIMENSIONS.	<u>400'-0"</u>	<u>52'-2"</u>	<u>30'-2 3/4"</u>	<u>4988.26.</u>

Moulded Depth as measured..... 32'-0"  
Addition for Keel below base line for draught record..... 2'-0 1/4" inches.

NOTE. - If the depth is measured when vessel is afloat, the details of measurement should be reported.

CORRECTION FOR LENGTH.

Length of Ship on Loadline.....	<u>400</u>
Length in Table .....	<u>384</u>
Difference .....	<u>16</u>
Correction for 10ft., Table A. ....	<u>1.6</u>
× Difference divided by 10 .....	<u>2.56</u>
If 1/10ths length covered divide by 2	<u>+ 2 1/2</u>

CORRECTION FOR IRON DECK.

Proportion covered, if less than 1/10ths length covered .....	<u>.49</u>
Thickness of usual wood deck, less stringer .....	<u>3 1/2"</u>
	<u>-1 3/4"</u>

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships.....	<u>51'-6"</u>
Round of Beam .....	<u>13 1/4"</u>
Normal round.....	<u>13 1/4"</u>
Difference .....	<u>✓</u>
Proportion of Deck uncovered (Para. 19) .....	<u>✓</u>

NOTE. - The round of beam should be reported on the full breadth of vessel at the gunwale.

of fineness..... .79 ✓ 787  
 cation necessary } C.D.B. -02  
 (a) to (e)]\* }  
 as corrected ..... .77 ✓

em..... 110 } 158 ÷ 2 = 79 ✓ ...Mean 31.2836  
 ernpost 48 } 80 ✓

of the length from { Stem 60 3/4 } 86 3/4 ÷ 2 = 43 3/8 ✓ ...Mean  
 { Sternpost 26 } 55 ✓

mean Sheer ..... 78.86 ✓  
 mean Sheer [Table, Para. 18] 50 ✓ Correction  
 Difference..... 28.86 ✓ ÷ 4 = 7.21 ✓  
 ed as Para. 18 (f) ..... -7 1/2" ✓

Sheer { At front of bridge house..... ✓  
 idships {  
 8 (e) } At after end of forecastle .....

Sheer { 2 ÷ 2 = 1  
 8 (d) }  
 ncovered ..... Correction  
No bridge fitted.

ALLOWANCE FOR DECK ERECTIONS :-

d, Table C.....	<u>5'-2 3/4"</u> ✓
n for Length, if required (Para. 12, 13, and 14) .....	<u>+ 1 1/4"</u> ✓
d by Table A. corrected for sheer, and for length, if required (Para. 12, 13, and 14) }	<u>8'-0"</u> ✓
ce .....	<u>2'-8"</u> ✓
ge as below.....	<u>10"</u> ✓
	<u>31.44%</u> ✓
	<u>= 10</u> ✓

on for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) }  
 ce for Deck Erections .....

	Length.	Length allowed.	Height.
le.....	<u>40.62</u>	<u>40.62</u>	<u>7'-9"</u>
House .....	<u>123.75</u>	<u>123.75</u>	<u>7'-9"</u>
l Qr. Dk.....	<u>32.62</u>	<u>32.62</u>	<u>7'-9"</u>
Total .....	<u>196.99</u>	<u>196.99</u>	
of Ship .....	<u>400</u>		<u>= .492</u> ✓
onding percentage { H. 12, 13, or 14 }	<u>31.44%</u>		

BOARD recommended amidships from centre of Disc to top of Statutory Deck Line, Wood (Iron) Deck :-

Fresh Water Line above centre of Disc	.....	<u>6 1/2"</u>
Indian Summer Line " " "	.....	<u>5 1/2"</u>
Winter Line below " "	.....	<u>6</u>
Winter North Atlantic Line " " "	.....	<u>5 1/2"</u>

Freeboard, Table A .....	<u>8'-4 3/4"</u> ✓
Correction for Sheer .....	<u>-7 1/4"</u> ✓
Correction for Length .....	<u>+ 2 1/2"</u> ✓
Allowance for Deck Erections .....	<u>8'-0"</u> ✓
Correction for Round of Beam.....	<u>-10</u> ✓
Correction for fall in Sheer (if any).....	<u>7'-2"</u> ✓
Correction for Iron Deck (if required) .....	<u>1 3/4"</u> ✓
Additions for non-compliance with provisions of } Para. 11 (d) and (e) †	
Other Corrections (if any) .....	

Winter Freeboard .....	<u>7'-0 1/2"</u> ✓
Summer Freeboard .....	<u>6'-6 1/2"</u> ✓
Indian Summer Freeboard .....	<u>6'-0 3/4"</u> ✓
N. A. Winter Freeboard .....	
Correction necessary because clearside amidships, measured in accordance with the Statute is not taken at the intersection of the wood <sup>STEEL</sup> deck with side.	<u>1 3/4"</u> ✓
Winter Freeboard from deck line .....	<u>7'-2"</u> ✓
Summer " " " .....	<u>6'-8 1/2"</u> ✓
Indian Summer " " " .....	<u>6'-2 1/2"</u> ✓
N. A. Winter " " " .....	

2-12-19

† If the frames, skin planking, or ceiling are of unusual thickness the breadth of vessel to inside of ceiling should be reported if possible.  
 ‡ In vessels obtaining an allowance for deck erections under Para. 11 where the sheer drops abaft amidships the height of the R.Q.D. is to be taken from the level of the top of the amidship beam.  
 § In flush-decked vessels the total standard mean sheer means the sheer measured at the stem and sternpost. In vessels having poops and forecastles, it means the sheer measured at points distant one eighth of the vessel's length from stem and sternpost.

MARKING FORM  
18 APR 1932  
RECEIVED

MARKING REPORT  
1-12-19  
Lloyd's Register Foundation

W1342-0181

Do all the Frames extend to the top height in the Poop? *Yes* Raised Quarter Deck? *Yes* Bridge House? *Yes* Forecastle? *Yes*  
 To what height do the Reverse Frames extend? *No reverse frames*  
 Has the Poop or Raised Quarter Deck an efficient Bulkhead at the fore end? *Yes*  
 Give particulars of the means for closing the openings in Bulkhead *Two 10'2" Steel Doors*  
 Is the Poop or Raised Quarter Deck connected with the Bridge House? *No* Has the Bridge House an efficient Bulkhead at the fore end? *Yes*  
 Give particulars of the means for closing the openings in Bulkhead *2. Hinged W.I. Doors*  
 What is the thickness of the Bridge Front plating? *.40* and Coaming plate? *.44*  
 Give scantlings and spacing of the Stiffeners *9'5 1/2" BA. spaced 30" apart.*  
 Are bracket plates fitted at each end of the Stiffeners? *Yes* Are hor'l. brackets fitted connecting Bridge Bulk'd. with Bulwarks? *Yes*  
 Has the Bridge House an efficient Iron Bulkhead at the after end? *Yes*  
 How are the openings closed? *Channels fitted half height.*  
 Is the Forecastle at least as high as the main or top-gullant rail? *Yes* Has the Forecastle an efficient <sup>Steel</sup> Iron or Wood Bulk'd. at after end? *Yes Steel Bulk*  
 Are the Engine and Boiler openings covered by a Bridge, Poop, Raised Quarter Deck, or enclosed by a Strong Iron or Steel Deckhouse? *By Bridge*  
 If the openings are not so protected are the exposed parts of the Casings efficiently constructed? *Yes*  
 Give thickness of plating; scantlings and spacing of Stiffeners  
 What is the height of the exposed Casings? *Yes* Are suitable means provided for closing all openings in them in bad weather? *Yes*  
 Are the Weather Deck Hatchways efficiently constructed and at least equal to the requirements of Section 28 of the Rules for 1904-5? Give particulars below:— *Yes*

Position and Size.		Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
COAMING.	Height above top of DECK	<i>All hatches 24" coaming, 44" at sides &amp; ends for hatches 1, 3, 5.</i>		<i>at ends for hatches 2 &amp; 4.</i>		<i>50 side coaming 44"</i>					
	Thickness	<i>Sides.....</i>		<i>Hatches 1 &amp; 5. 27'-0" x 18'-0"</i>		<i>Hatches 2 &amp; 4. 30'-3" x 18'-0"</i>		<i>Hatch 3. 13'-9" x 17'-3"</i>			
SHIFTING BEAMS OR WEB PLATES.	Number	<i>Hatches 1 &amp; 5. 5 shifting beams</i>		<i>Hatches 2 &amp; 4. 6 shifting beams</i>		<i>Hatch 3. 2 shifting beams</i>					
	Section and Scantlings	<i>Depth of beam at Centre 16" at ends 10"</i>		<i>36 plate, top &amp; bottom angles 4" x 3" x 1/4"</i>							
	Material	<i>Steel</i>									
* FORE AND AFTERS.	Number										
	Section and Scantlings										
	Material	<i>✓</i>									
HATCHES Thickness		<i>2 1/2" for all hatches.</i>									
Remarks											

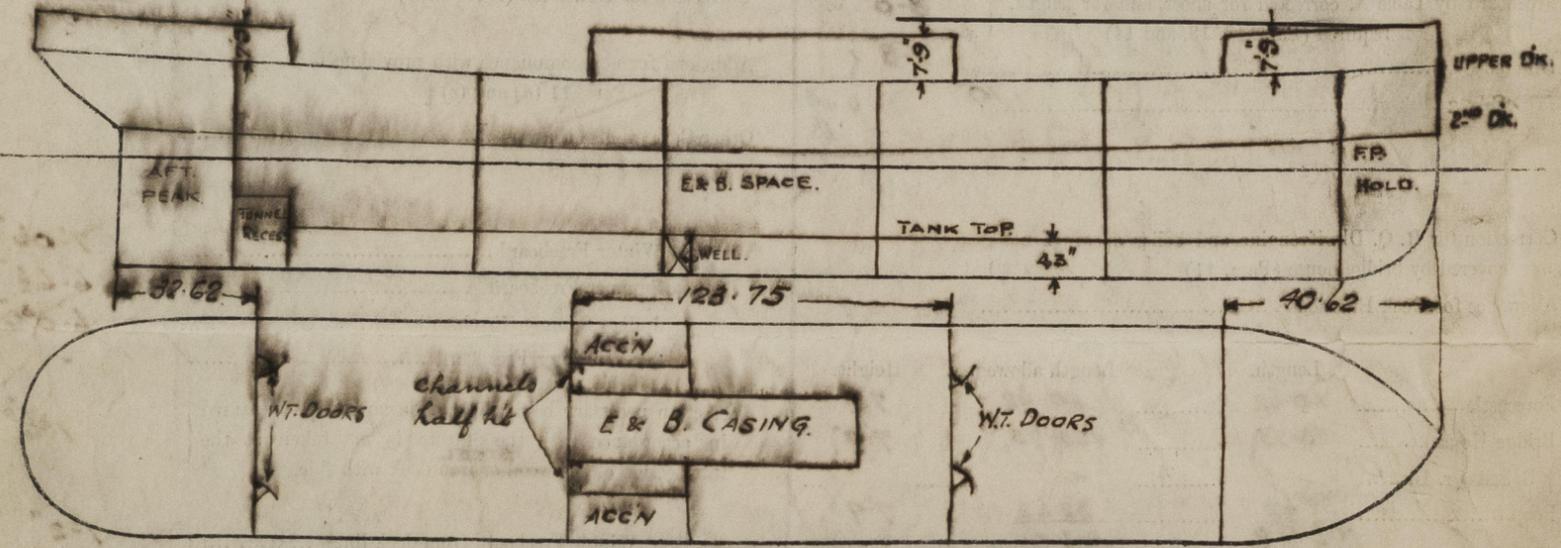
\* The depth of Fore and Afters should be stated from the underside of the hatches in all cases.  
 (If the sill of the lowest side scuttle will be less than 6 inches above the Indian Summer Load Line if assigned under the tables, state vertical distance from top of deck at side amidships to lower edge of lowest side scuttle.)

The following information is to be given in all Cases of vessels dealt with under Paras. 11, 12 (under 15 feet Moulded depth) and under Shelter Deck Rules.

What is the thickness of the Bridge Sheerstrake? \_\_\_\_\_ Strake between Main and Bridge Sheerstrakes? \_\_\_\_\_  
 Delete the words } The Crew are, are not, berthed in the bridge house.  
 that do not apply } The arrangements to enable them to get backwards and forwards from their quarters are, are not satisfactory.  
 Length of Bulwarks in well \_\_\_\_\_  
 Area of Freeing Ports required by Para. 11 (e) each side of vessel = \_\_\_\_\_ Sq. ft.  

Ft.	Tenths.	Ft.	Tenths.	No.	} Freeing Ports (each side of vessel) = _____ Sq. ft.
x	x	x	x		
x	x	x	x		

 Total deficiency or excess = \_\_\_\_\_ Sq. ft.



Show hereon line of Floors or Tank Top with position of any Breaks in same; also height of Peak Tank tops, &c., &c.

State any special features in the construction of the Vessel

*This vessel is a sister ship to the "Rogan Maru" Yokohama Report 2487. Freeboard Request Form is attached herewith.*

Owners *Kokusai Kisen Kaisha.*

Address \_\_\_\_\_

*Fee \$ per 150.00*

Received by me \_\_\_\_\_

