

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.—STEAM SHIPS. TUE APR 20 1918.

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

Date of Survey

Name of Surveyor

Kobe

Dec. 1917

A. L. Jones

Mitsubishi Zosen Kaisha
No. 69

Ship's Name.

Oridono Maru

Number in Register Book

Port of Registry
and Nationality.

Nishinomiya

Official
Number.

Japanese

Gross
Tonnage.

5305.04

Date of Build.

1917-12

Particulars of Classification.

+ 100 A1. Recom.
Kobe 1st & 2nd Rpt No 2186

Registered Lengths from Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	400	54.5	27.5	4851.02

Length on Loadline.	Frame Depth Rule	Ceiling Sheer	Peak Tanks
399.25	10	6	1.33
	4	3" top in head	1.12

Corrected Lengths.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
399.25	53.84	28.93	4851	

Efficient of fineness.....

Modification necessary

[Para. 4 (a) to (e)]*

Efficient as corrected

Stem..... 138 } 199 ÷ 2 = 99 1/2 ... Mean

Sternpost ... 61 } 111 ÷ 2 = 55 1/2 ... Mean

Stem at 1/8 of the length from Sternpost 80 } 111 ÷ 2 = 55 1/2 ... Mean

Actual mean Sheer 100.2 ... Mean

Standard mean Sheer [Table, Para. 18] 49.92 ... Mean

Difference..... 50.28 ... Mean

If limited as Para. 18 (f)..... -12 1/2

Fall in Sheer { At front of bridge house.....

From amidships { At after end of forecastle

Fall in Sheer { ÷ 2 =

Para. 18 (d) { Correction

Length uncovered

ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C..... 4' 4" ✓

Correction for Length, if required (Para. 12, 13, and 14) 3 1/4 ✓

Freeboard by Table A, corrected for sheer, and for length, { 4' 7 1/4 ✓

if required (Para. 12, 13, and 14) { 6' 11" ✓

Difference 2' 3 3/4 ✓

Percentage as below..... 32 ✓

Correction for R. Q. Dk. if engine and boiler openings not {

covered by bridge house (Para. 11) { -9" ✓

Allowance for Deck Erections -9" ✓

Length. Length allowed. Height.

Castle..... 40.25 40.25 7-6

Bridge House 121.00 121.00 7-9

† Raised Qr. Dk..... 38.75 38.75 7-9

Poop..... 38.75 38.75 7-9

Length of Ship 399.25 399.25 7-9

Corresponding percentage { 32 % ✓

(Para. 11, 12, 13, or 14) {

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

Fresh Water Line above centre of Disc ...

Indian Summer Line " " " " ...

Winter Line below " " " " ...

Winter North Atlantic Line " " " " ...

* 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 stern-post. In vessels having poops and forecastles, it means the sheer measured at points distant one eighth of the vessel's length from stem and stern-post.

Moulded Depth as measured..... 30' 0"

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..... 399.25 ✓

Length in Table 360.00 ✓

Difference 39.25 ✓

Correction for 10ft., Table A. 1.5 ✓ Table C. 8 ✓

× Difference divided by 10 5.887 (if required.) 3.12 ✓

If 1/10ths length covered divide by 2 16" ✓ + 3 1/4 ✓

CORRECTION FOR IRON DECK.

Proportion covered, if less than 1/10ths length covered 5 ✓

Thickness of usual wood deck, less stringer 3 1/2 ✓ - 1 3/4 ✓

CORRECTION FOR ROUND OF BEAM.

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

Breadth at Gunwale amidships..... 53.5 ✓

Round of Beam 13 3/8 ✓

Normal round..... 13 3/8 ✓

Difference 13 3/8 ÷ 2 =

Proportion of Deck uncovered (Para. 19)

Freeboard, Table A 7' 5 1/2 ✓

Correction for Sheer 1' 0 3/4 ✓

Correction for Length 6' 4 3/5 ✓

Correction for Iron Deck (if required) 6' 11" ✓

Allowance for Deck Erections 6' 9 3/4 ✓

Correction for Round of Beam..... 6' 9 3/4 ✓

Correction for fall in Sheer (if any).....

Correction for Iron Deck (if required) 6' 0 1/4 ✓

Additions for non-compliance with provisions of {

Para. 11 (d) and (e) † {

Other Corrections (if any)

Winter Freeboard 6' 0 1/4 ✓

Summer Freeboard 5' 8 3/4 ✓

Indian Summer Freeboard 5' 1 3/4 ✓

N.A. Winter Freeboard

Correction necessary because clearside amidships, measured {

in accordance with the Statute is not taken at the {

intersection of the wood or iron deck with side. + 1 3/4 ✓

Winter Freeboard from deck line 6' 8 3/4 ✓

Summer " " " " 5' 8 3/4 ✓

Indian Summer " " " " 5' 3 1/4 ✓

N.A. Winter " " " " 5' 8 1/2 ✓

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Winter

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? *B.A. from 6 feet to 2nd dks. alt. Chan. u B. to up. 1st & 2nd dks. alt. & every 4th to 6th dks.*
 Has the Poop or Raised Quarter Deck an efficient Iron Bulkhead at the fore end? *Yes* *Under poop B.A. to up. dks. in p.R. & Chan. to up. 1st & 2nd dks. all over in hold.*
 Give particulars of the means for closing the openings in Bulkhead *Storm boards in riveted channels.*
 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 h.T. doors.*
 What is the thickness of the Bridge Front plating? *.40* and Coaming plate? *.44*
 Give scantlings and spacing of the Stiffeners *8 1/2 x 3 1/2 x .64 B.A. 30" spacing.*
 Are bracket plates fitted at each end of the Stiffeners? *Yes* Are horn 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? *Storm boards in riveted channels.*
 Is the Forecastle at least as high as the main or top-gallant rail? *Yes* Has the Forecastle an efficient Iron or Wood Bulk'd. at after end? *Yes*
 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?
 Give thickness of plating; scantlings and spacing of Stiffeners
 What is the height of the exposed Casings? Are suitable means provided for closing all openings in them in bad weather?

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:—

Position and Size.		No. 1. 27'-0" x 18'-0"		No. 2. 30'-3" x 18'-0"		No. 4. 30'-3" x 18'-0"		No. 5. 27'-6" x 18'-0"		Ship.	Rule.
Item.		Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.		
COAMING.	Height above top of DECK	24"	24"	Same	No. 1	Same	No. 1	Same	No. 1.		
	Sides.....	.44	.44	Same	No. 1	Same	No. 1	Same	No. 1.		
	Thickness { Ends.....	.44	.44								
SHIFTING BEAMS OR WEB PLATES.	Number	5	5	5	5	Same	No. 2	Same	No. 1.		
	Section and Scantlings	15-7 1/2 x 35	15-7 1/2 x 35	16 1/4-8 1/4 x 36	16 1/4-8 1/4 x 36	Same	No. 2	Same	No. 1.		
	Material	4A 4.3 1/2 .44	4.3 .44	4A 4.3 1/2 .44	4.3 .44						
* FORE AND AFTERS.	Number										
	Section and Scantlings										
	Material										
HATCHES Thickness		2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2		
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?

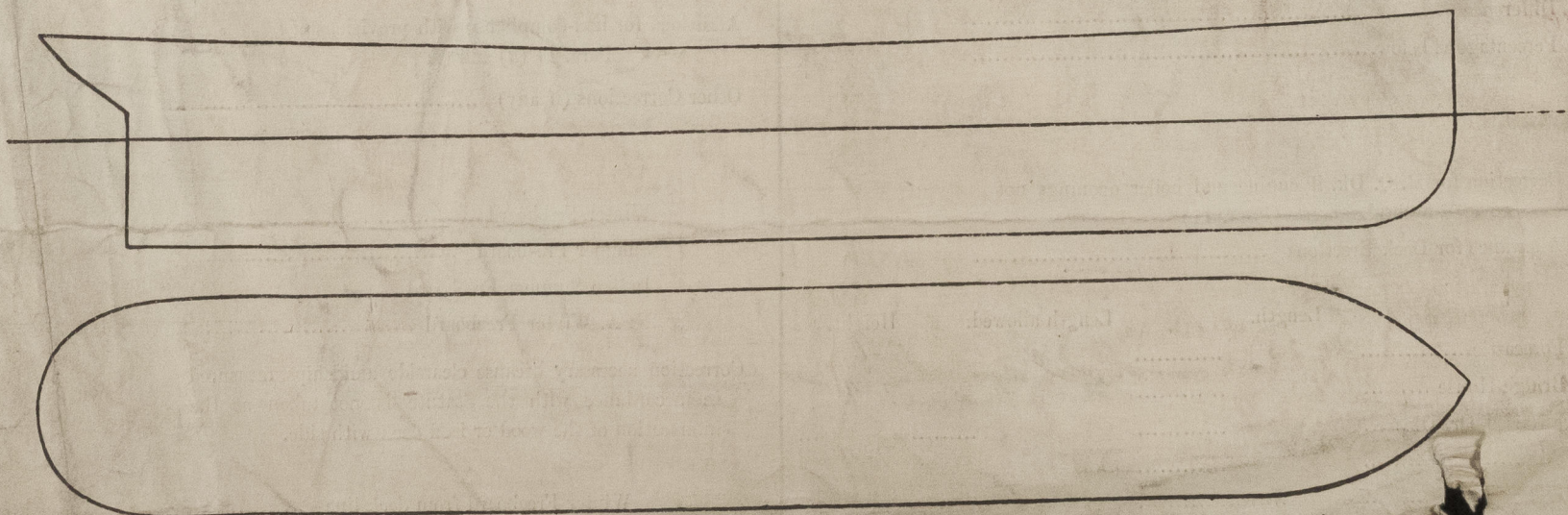
Delete the words { The Crew are, are not, berthed in the bridge house.
 that do not apply { The arrangements to enable them to get backwards and forwards from their quarters are, are not satisfactory.

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

Sister vessel to S.S. Ayaha Maru, Nov. Rpt No 2005 & the foreboard particulars are the same. The 1st Entry Report is now sent.

Owners

Address

See

Received by me



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Foundation