

REC'D NEW YORK AUG 10 1920

Index No. 29283  
(For London Office only.)

# Lloyd's Register of Shipping.

## SURVEYS FOR FREEBOARD.—STEAM SHIPS.

ARTICULARS RELATING TO ALL STEAM SHIPS EITHER FLUSH DECKED, OR WITH  
OP 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  
Name of Surveyor Chas. Ewing

Ship's Name ikawajima No 330-1 Port of Registry and Nationality 29.48 Official Number 4950 Gross Tonnage 4950 Date of Build 1914 Particulars of Classification F100A1 class contemplated

Number in Register Book 388  
Length 388  
Breadth 53.33  
Depth 29.12  
Under Deck Tonnage 4950

Moulded Depth as guar 32.0

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

33-1 1/2  
3-7 1/2  
29-5 3/4  
18 inches  
bottom

Addition for Keel below base line  
for draught record.....inches. 1"

## CORRECTION FOR LENGTH.

Length of Ship on Loadline..... 388 ✓  
Length in Table ..... 384 ✓  
Difference..... 4 ✓  
Correction for 10ft. Table A. .... 1.6 Table C. .8  
× Difference divided by 10 ..... + .64 (if required.) + .32  
If 1/10ths length covered divide by 2 ..... + 3/14 3/14 + 1/4

## CORRECTION FOR IRON DECK.

Proportion covered if less than 1/10ths length covered 47.02  
Thickness of usual wood deck, less stringer .48 -1 3/4 ✓

## CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships..... 52'-10"  
Round of Beam ..... 13 1/4  
Normal round..... 13.21  
Difference ..... 1/4 ÷ 2 = ✓  
Proportion of Deck uncovered (Para. 19) ..... ✓

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

Efficient of fineness..... .82  
Modification necessary  
[Para. 4 (a) to (c)] \* cd D.B. 302  
Efficient as corrected ..... .795 .80 provisionally

Mean Sheer 134 ÷ 2 = 67 ✓  
Mean Sheer at 1/2 of the length from Stem 52 ÷ 2 = 26 ✓  
Mean Sheer at 1/2 of the length from Sternpost 72 ÷ 2 = 36 ✓

Dual mean Sheer ..... 36 = 65.45  
Standard mean Sheer [Table, Para. 18] ..... 48.8  
Difference..... 16.65 4 = 4.16  
Limited as Para. 18 (f) ..... ✓

Seam in Sheer { At front of bridge house..... ✓  
amidships { At after end of forecastle ..... ✓  
Para. 18 (e) }

Allowance in Sheer { ✓ ÷ 2 =  
Para. 18 (d) }  
Deck uncovered ..... Correction

## ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C..... 5'-3 3/4"  
Correction for Length, if required (Para. 12, 13, and 14) ..... + 0 1/4"  
Freeboard by Table A, corrected for sheer, and for length,  
if required (Para. 12, 13, and 14) ..... 5'-3 3/4"  
Difference ..... 2-11 1/4"  
Freeboard as below..... 29.9 1/2 44.02

Correction for R. Q. Dk. if engine and boiler openings not  
covered by bridge house (Para. 11) ..... 10 1/2 ✓  
Allowance for Deck Erections ..... 10 1/2 ✓

Length.	Length allowed.	Height.
Stem..... <u>34.0</u>	<u>34.0</u> ✓	<u>7'-9"</u>
House..... <u>11 7'-0"</u>	<u>117-0</u> ✓	<u>7'-9"</u>
Qr. Dk..... <u>31-6</u>	<u>31-6</u> ✓	<u>7'-9"</u>
Total..... <u>182-6</u>	<u>182-6</u>	
of Ship..... <u>388</u>	<u>388</u>	
onding percentage [11, 12, 13, or 14]..... <u>29.9 1/2</u> <u>9%</u>		

BOARD recommended amidships from centre of Disc to top of Statutory Deck Line, Wood (Iron) Deck:—  
Fresh Water Line above centre of Disc ..... 6' 10 1/2"  
Indian Summer Line " " " " ..... 6 1/2"  
Winter Line below " " " " ..... 5 1/2"  
Winter North Atlantic Line " " " " ..... 6

Winter Freeboard ..... 7'-2 3/4" 4'-8 1/2"  
Summer Freeboard ..... 6'-10 3/4" 6'-5 1/2"  
Indian Summer Freeboard ..... 6'-3 1/2" 5'-10 1/2"  
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. + 13 1/4 1 1/2

Winter Freeboard from deck line ..... 7'-4 1/2" 4'-6 1/2"  
Summer " " " " ..... 6'-10 3/4" 6'-5 1/2"  
Indian Summer " " " " ..... 6'-5" 6'-0"  
N. A. Winter " " " " ..... ✓

† State dimensions of freeing port area on back of this form.

‡ The Surveyor should state whether the fall in sheer as reported is measured relatively to the straight  
line of keel or to the water line. If measured relatively to water line the vessel's draft at time of  
survey, and also the usual load draft forward and aft should be reported.



Do all the Frames extend to the top height in the Poop? *Alternate frames Carried up* Raised Quarter Deck? ☒ Bridge House? *Alternate frames Carried up* Forecastle? *Alternate frames Carried up*

To what height do the Reverse Frames extend? *Bulk angles + Channels*

Has the Poop or Raised Quarter Deck an efficient Iron Bulkhead at the fore end? *yes*

Give particulars of the means for closing the openings in Bulkhead *Hinged Steel Watertight doors*

Is the Poop or Raised Quarter Deck connected with the Bridge House? ☒ Has the Bridge House an efficient Bulkhead at the fore end? *yes*

Give particulars of the means for closing the openings in Bulkhead *Hinged Steel Watertight doors*

What is the thickness of the Bridge Front plating? *.44* and Coaming plate? ☒

Give scantlings and spacing of the Stiffeners *8 1/2 x 3 1/2 x .64 Bulk angles 2'-9" spacing*

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? *Weather 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? *yes*

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 26'-6" x 19'-0"		No. 2 35'-4" x 19'-0"		No. 3 11'-0 1/2" x 19'-0"		No. 4 30'-11" x 19'-0"		No. 5 30'-11" x 19'-0"	
Item.		Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
COAMING.	Height above top of DECK	30'-37"	30'-37"	30'-37"	30'-37"	30'-37"	30'-37"	30'-37"	30'-37"	30'-37"	30'-37"
	Sides	.44	.50	.44	.40	.40	.44	.44	.44	.44	.44
	Ends	.44	.44	.44	.40	.40	.44	.44	.44	.44	.44
SHIFTING BEAMS OR WEB PLATES.	Number	5	6	2	5	5	5	5	5	5	5
	Section and Scantlings	18" x 11" x .38 4 x 3 x .44 E	18" x 11" x .38 4 x 3 x .44 E	15" x 38 4 x 3 x .44 E	15" x 38 4 x 3 x .44 E	15" x 38 4 x 3 x .44 E	15" x 38 4 x 3 x .44 E	15" x 38 4 x 3 x .44 E	15" x 38 4 x 3 x .44 E	15" x 38 4 x 3 x .44 E	15" x 38 4 x 3 x .44 E
	Material	Steel	Steel	Steel	Steel	Steel	Steel	Steel	Steel	Steel	Steel
* FORE AND AFTERS.	Number										
	Section and Scantlings										
	Material										
HATCHES Thickness		2 1/2" Wood	3" Wood	2 1/2" Wood	3" Wood	3" Wood	3" Wood	3" Wood	3" Wood	3" Wood	3" Wood
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? ☒

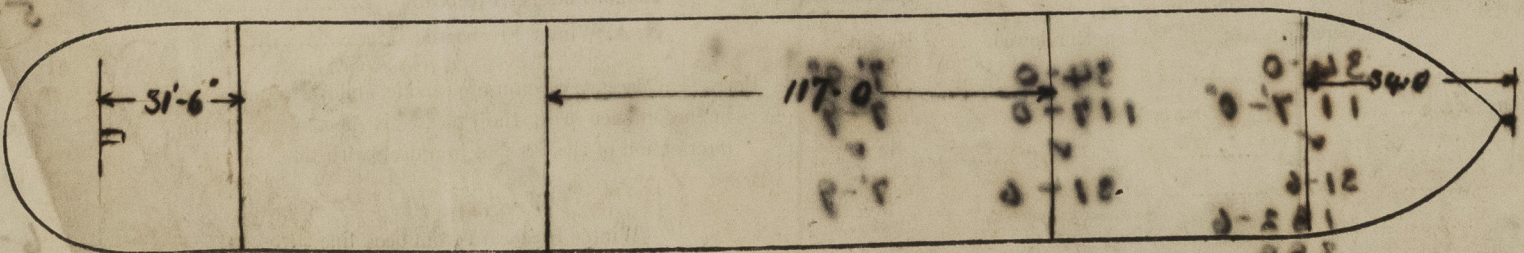
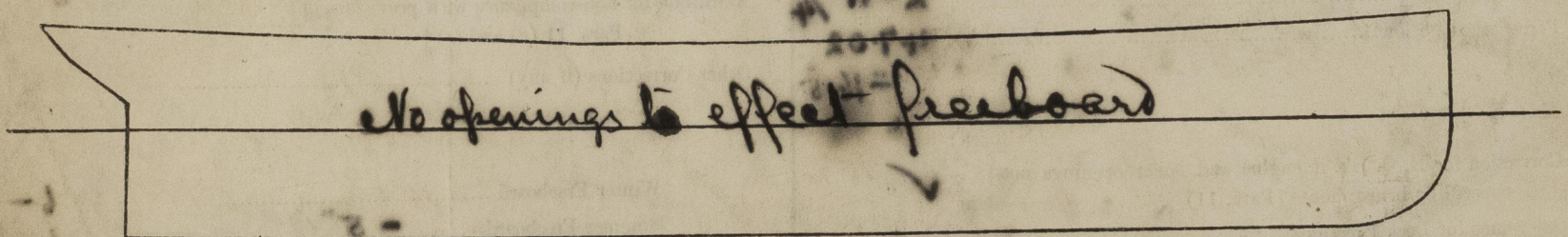
Delete the words ☒ The Crew are, are not, berthed in the bridge house.  
that do not apply ☒ The arrangements to enable them to get backwards and forwards from their quarters are, are not satisfactory.

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			

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

Owners

Address

Free £

Received by me



© 2020

Lloyd's Register Foundation