

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.—STEAM SHIPS.

1b. PARTICULARS 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 <u>ikawajima No 330-1</u>	Port of Registry and Nationality. <u>29.48</u>	Official Number.	Gross Tonnage.	Date of Build.	Particulars of Classification. <u>F100A1 class contemplated</u>
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Registered Length from Register. <u>388</u>	LENGTH. <u>388</u>	BREADTH. <u>53.33</u>	DEPTH. <u>29.12</u>	UNDER DECK TONNAGE. <u>4950</u>
Length on D.L.I.N.E.	<u>388</u>	Frame Depth Rule <u>10 1/4</u>	Sheer <u>.46</u>	Peak Tanks
Corrected Dimensions.	<u>388</u>	<u>52.75</u>	<u>29.70</u>	<u>4950</u>

Moulded Depth as gun 32.0
Addition for Keel below base line for draught record.....inches. 1"

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

efficient of fineness.....
modification necessary [Para. 4 (a) to (c)]*
efficient as corrected.....

CORRECTION FOR LENGTH.

Length of Ship on Loadline..... 388 ✓
Length in Table 394 ✓
Difference..... 6 ✓
Correction for 10ft. Table A. 1.6 Table C. .8
× Difference divided by 10 +0.6 (if required.) +0.32
If $\frac{6}{10}$ ths length covered divide by 2 +3/14 3/4 +1/4

Mean Sheer at $\frac{1}{2}$ of the length from Stem 134 ÷ 2 = 67 Mean
Sternpost 72 ÷ 2 = 36 Mean
Dual mean Sheer 65.45
Standard mean Sheer [Table, Para. 18] 49.8 Correction
Difference..... 16.65 4 = 4.16
limited as Para. 18 (f) ✓

CORRECTION FOR IRON DECK.

Proportion covered if less than $\frac{1}{10}$ ths length covered 47.02
Thickness of usual wood deck, less stringer 1 3/4 ✓

fall in Sheer at front of bridge house..... ✓
At amidships..... ✓
At after end of forecastle..... ✓
fall in Sheer at $\frac{1}{2}$ of length from Stem..... ✓
Sternpost..... ✓
Correction

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) ✓

ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C..... 5'-3 3/4" ✓
Correction for Length, if required (Para. 12, 13, and 14) +0 7/8" ✓
Freeboard by Table A. corrected for sheer, and for length, if required (Para. 12, 13, and 14) 8-3 ✓
Difference 2-11 1/4" ✓
Freeboard as below..... 29.9% 47.02
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" ✓

Freeboard, Table A 8'-6 1/4" ✓
Correction for Sheer -4 1/4" ✓
Correction for Length 8-2 1/4" ✓
Allowance for Deck Erections 8-3 ✓
Correction for Round of Beam..... 7-4 1/2" ✓
Correction for fall in Sheer (if any)..... ✓
Correction for Iron Deck (if required) ✓
Additions for non-compliance with provisions of Para. 11 (d) and (e) †
Other Corrections (if any)

Stem	Length. <u>34.0</u>	Length allowed. <u>34.0</u> ✓	Height. <u>7.9</u>
House	<u>11 7'-0"</u>	<u>117-0</u> ✓	<u>7.9</u>
Raised Qr. Dk.	<u>31-6</u>	<u>31-6</u> ✓	<u>7.9</u>
Total	<u>182-6</u>	<u>182-8</u>	
Percentage of Ship	<u>388</u>	<u>388</u>	<u>= .47</u> ✓

Winter Freeboard 7'-4 1/2" ✓
Summer Freeboard 6'-10 3/4" ✓
Indian Summer Freeboard 6'-5" ✓
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" ✓

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

frames, skin planking, or ceiling are of unusual thickness the breadth of vessel to inside plating should be reported if possible.
In vessels having poops and forecastles, it means the sheer measured at points distant $\frac{1}{10}$ th of the vessel's length from stem and stern-post.

† 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 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 metal channels**

Is the Forecastle at least as high as the main or top-sallant 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"	
	Thickness	Sides	.44	.50	.40	.50	.44	.50	.44	.50	
		Ends	.44	.44	.40	.40	.44	.44	.44	.44	
SHIFTING BEAMS OR WEB PLATES.	Number	5	6	2	5	5	5				
	Section and Scantlings	18" x 11" x .357 4 x 3 x .44 E	18" x 11" x .357 4 x 3 x .44 E	15" x 38 4 x 3 x .44 E	18" x 11" x .357 4 x 3 x .44 E	18" x 11" x .357 4 x 3 x .44 E	18" x 11" x .357 4 x 3 x .44 E				
	Material	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				
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?

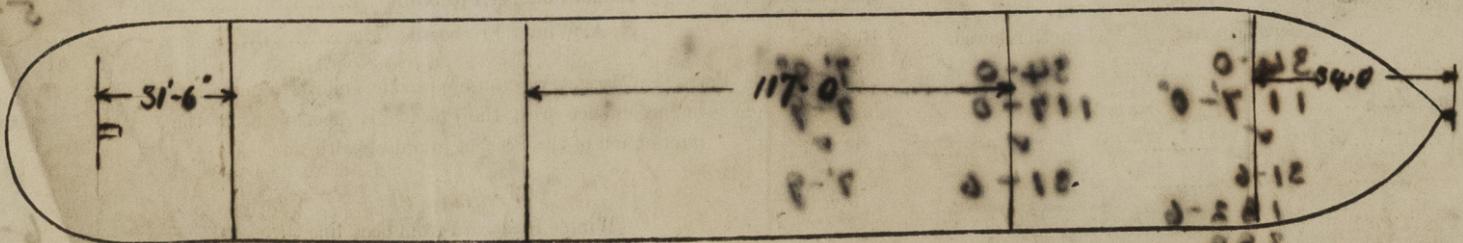
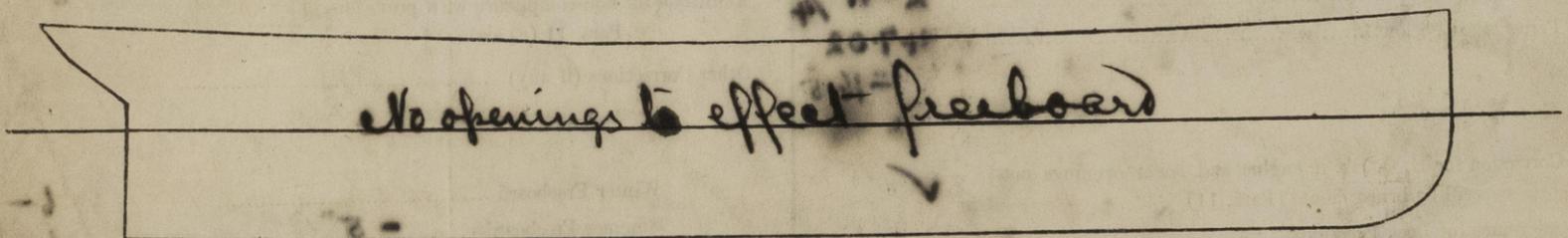
Delete the words The Crew are, are not, berthed in the bridge house.
that do not apply The arrangements to enable them to get backwards and forwards from their quarters are, are not satisfactory.

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.

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

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