

25559
Tokyo-fuku-kawa
27634
2/2/1919

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.—STEAM SHIPS.

TUE. 22. APR. 1919

PARTICULARS RELATING TO ALL STEAM SHIPS EITHER FLUSH DECKED, OR WITH 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 Kobe
Date of Survey Feb 1919
Name of Surveyor A. L. Jones

Asaki Kyu No. 434

Ship's Name. <u>Fuku Maru</u>	Port of Registry and Nationality. <u>Kobe Japanese</u>	Official Number. <u>5858</u>	Gross Tonnage. <u>1919</u>	Date of Build. <u>1919</u>	Particulars of Classification. <u>+100A1. Shelter deck recommended</u>
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REGISTERED LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
<u>385.0</u>	<u>51.0</u>	<u>25.6</u>	<u>4200</u>
Frame Depth	Rule	Ceiling	Peak
<u>9</u>	<u>6/3</u>	<u>+20</u>	<u>88</u>
	<u>1/3</u>	<u>level tank</u>	<u>Tanks</u>
REGISTERED WIDTHS.			
<u>384.6</u>	<u>50.5</u>	<u>26.68</u>	<u>4200</u>

Moulded Depth as measured..... 28' 0" up. Tk.
36' 0" shel. Tk.
Addition for Keel below base line for draught record..... 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>384.6</u>
Length in Table	<u>336.0</u>
Difference	<u>48.6</u>
Correction for 10ft., Table A.	<u>1.4</u>
Table C.	<u>7</u>
× Difference divided by 10	<u>6.8</u>
(if required.)	<u>3.4</u>
If 1/10ths length covered divide by 2	<u>3.4</u>

CORRECTION FOR IRON DECK.

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

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships.....	<u>50</u>
Round of Beam	<u>12 3/4</u>
Normal round.....	<u>12 1/2</u>
Difference	<u>1/4</u>
Proportion of Deck uncovered (Para. 19)	<u>1/4 ÷ 2 = 1/8</u>

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

Efficient of fineness.....	<u>.81</u>
Modification necessary [Para. 4 (a) to (e)]*	<u>.02 R.B.</u>
Efficient as corrected	<u>.79</u>

Mean Sheer { Stem..... 110 } 160 ÷ 2 = 80 ...Mean
 { Sternpost ... 50 }

Mean Sheer at 1/3 of the length from { Stem 61 } 88 ÷ 2 = 44 ...Mean
 { Sternpost 27 }

Dual mean Sheer 80
Standard mean Sheer [Table, Para. 18] 48 1/2 Correction
Difference..... 30 1/2 ÷ 4 = 7 1/8
If limited as Para. 18 (f).....

Rise in Sheer { At front of bridge house.....
 { At amidships
 { At after end of forecastle

Fall in Sheer { Para. 18 (d) } ÷ 2 =
Length uncovered Correction

ALLOWANCE FOR DECK ERECTIONS:— None
Freeboard, Table C.....
Correction for Length, if required (Para. 12, 13, and 14)

Freeboard by Table A, corrected for sheer, and for length, if required (Para. 12, 13, and 14) }
Difference
Percentage as below.....

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) }		
Allowance for Deck Erections		
Length.	Length allowed.	Height.
Forecastle.....		
Bridge House		
Raised Qr. Dk.....		
Total		
Height of Ship		
Responding percentage { Para. 11, 12, 13, or 14)		

Freeboard, Table A 3' 8 1/4"
Correction for Sheer

Correction for Length + 3 1/2
3' 11 3/4"

Allowance for Deck Erections

Correction for Round of Beam.....

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) ... Sheer + Increase strength 2 × 0
1' 8 1/2"
8 × 0
Winter Freeboard 9' 8 1/2"
Summer Freeboard 9' 1 1/2"
Indian Summer Freeboard 8' 7 1/4"
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

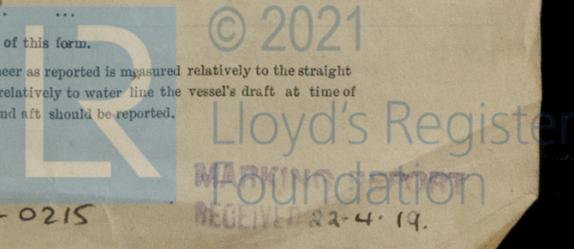
Winter Freeboard from deck line 9' 10"
Summer " " " " 9' 3 1/2"
Indian Summer " " " " 8' 9"
N. A. Winter " " " "

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

Fresh Water Line	above centre of Disc	<u>9' 3 1/2"</u>
Indian Summer Line	" " "	<u>7"</u>
Winter Line	below " "	<u>6 1/2"</u>
Winter North Atlantic Line	" " "	<u>6 1/2"</u>

If the frames, skin planking, or ceiling are of unusual thickness the breadth of vessel to inside of ceiling should be reported if possible.
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.
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.

† 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? Raised Quarter Deck? Bridge House? Forecastle?

To what height do the Reverse Frames extend? *Main B. A. fins to 2nd & upper Decks altern. + intermed. fins to shelter dk.*

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

Give particulars of the means for closing the openings in Bulkhead _____

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

Give particulars of the means for closing the openings in Bulkhead _____

What is the thickness of the Bridge Front plating? _____ and Coaming plate? _____

Give scantlings and spacing of the Stiffeners _____

Are bracket plates fitted at each end of the Stiffeners? Are hor'l. brackets fitted connecting Bridge Bulk'd. with Bulwarks?

Has the Bridge House an efficient Iron Bulkhead at the after end?

How are the openings closed? _____

Is the Forecastle at least as high as the main or top-gallant rail? Has the Forecastle an efficient Iron or Wood Bulk'd. at after end?

Are the Engine and Boiler openings covered by a Bridge, Poop, Raised Quarter Deck, or enclosed by a Strong Iron or Steel Deckhouse? *Steel deck house*

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'-7 1/2" x 18'-0"		No. 2. 31'-10 1/2" x 18'-0"		No. 3. 12'-9" x 16'-0"		No. 4. 31'-10 1/2" x 18'-0"		No. 5. 27'-7 1/2" x 18'-0"		
Item.		Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	
COAMING.	Height above top of DECK	2 1/2	2 1/2	Same as No. 1.		Same as No. 1.		Same as No. 1.		Same as No. 1.		
	Thickness	Sides	1 1/2	1 1/2	Same as No. 1.		Same as No. 1.		Same as No. 1.		Same as No. 1.	
		Ends	1 1/2	1 1/2	Same as No. 1.		Same as No. 1.		Same as No. 1.		Same as No. 1.	
SHIFTING BEAMS OR WEB PLATES.	Number	5	5	6	6	2	2	6	6	5	5	
	Section and Scantlings	18" x 36	14" x 31	Same as No. 1.		16" x 32	12" x 32	Same as No. 1.		Same as No. 1.		
	Material	2A. 1/2 x 3/4 and 1/2 flange at bottom	1/2 x 3/4	Same as No. 1.		2A. 3/2 x 3/2 + 1/2 flange	3/2 x 3/4	Same as No. 1.		Same as No. 1.		
* FORE AND AFTERS.	Number											
	Section and Scantlings											
	Material											
HATCHES	Thickness	3"	3"	3"	3"	3"	3"	3"	3"	3"	3"	
Remarks		Horizontal B. A. Stiffeners fitted to side + end Coamings as approved.										

* 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? _____

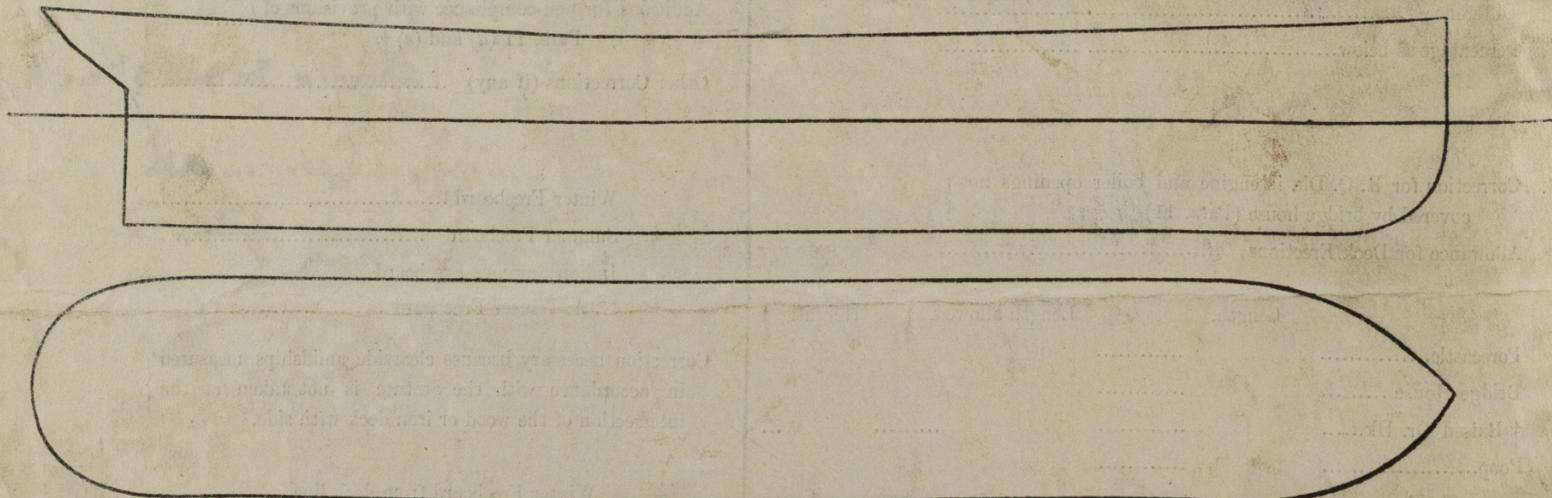
Delete the words { The Crew are, are not, berthed in the bridge house.
that do not apply { The arrangements to enable them to get backwards and forwards from their quarters are, are not satisfactory.

Length of Bulwarks in well _____

Area of Freeing Ports required by Para. 11 (a) 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 *The 1st Entry report is now forwarded.*

The freeboard recommended + which has been marked is as assigned to the sister vessels "Argonne" (Kobe Rpt. No. 1941). London letter. 18th Febr. 1916.

Owners *The Kawasaki Dryd. Co. Ltd.* | *a Verification Rpt form is enclosed.*

Address *Kobe*

Fee *2/6* 140

Received by me *7/3/19*