

Kiso Maru  
29/99DISCLASSED  
Lloyd's Register of Shipping.  
SURVEYS FOR FREEEFREEE  
TICKET  
Index No. 29562  
(For London Office only)  
OARD.—STEAM SHIPS. Rpt. No. 2953.

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

Mitsui Bussan Kaishas Hull no. 44

Ship's Name.

"TONE MARU"

Number in Register Book

Port of Registry  
and Nationality.HOSAKI  
JapanOfficial  
Number.

27128

DECKED, OR WITH  
DISCONNECTED, OR  
QUARTER DECKS.Port of Survey Tama Dockyard  
Date of Survey While building  
Name of Surveyor H. G. House

Registered dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	345.00	50.00	26.65	3503.76
Length on LOADLINE.	345.00	Frame Depth 10 Rule " 6 $2 \times 4 = .66$	Ceiling +.20 Sheer +.12 $5 \text{ drop in tank} = .20$	Peak } incl. ded Tanks }
CORRECTED DIMENSIONS.	345.00	49.34	27.47	3503.76

Co-efficient of fineness ..... •75  
Any modification necessary { [Para. 4 (a) to (e)]\* ..... •02  
Co-efficient as corrected ..... •73

Sheer { Stem ..... 84 }  $126\frac{1}{2} \div 2 = 67\frac{1}{4}$  Mean  
at Sternpost ...  $42\frac{1}{2}$

Sheer at  $\frac{1}{8}$  of the length from { Stem  $45\frac{3}{4}$  }  $66\frac{3}{4} \div 2 = 33\frac{3}{8}$  Mean  
Sternpost 21  $\div 55\% = 60\frac{1}{2}$

Gradual mean Sheer ..... 60.6 Correction

Standard mean Sheer [Table, Para. 18] ..... 44.50

Difference .....  $15.50 \div 4 = 3.87$   
 $16.1 - 4 = -3\frac{7}{8}$ "

§ If limited as Para. 18 (f) .....

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

Fall in Sheer { Para. 18 (d) .....  
Length uncovered ..... ✓ Correction

## ALLOWANCE FOR DECK ERECTIONS:

Freeboard, Table C .....  
Correction for Length, if required (Para. 12, 18, and 14) .....

Freeboard by Table A, corrected for sheer, and for length, if required (Para. 12, 18, and 14)

Difference .....  
Percentage as below .....

27.03  
 $26\frac{1}{4}\%$   
8.98

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11)

Allowance for Deck Erections ..... 9" ✓

	Length.	Length allowed.	Height.
Forecastle	40.46	40.46	7.75
Bridge House	74.25	74.25	7.75
Raised Qr. Dk.			
Op.	33.29	33.29	7.75
Total		148.00	
Length of Ship	27.03	345.00	428
Corresponding percentage { (Para. 12, 18, and 14)	26.4		

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.

2m.11.18. T.

DECKED, OR WITH  
DISCONNECTED, OR  
QUARTER DECKS.Port of Survey Tama Dockyard  
Date of Survey While building  
Name of Surveyor H. G. HouseParticulars of Classification. +100 A.1. ContemplatedMoulded Depth as measured ..... 29-0 3/8"  
NOTE — If the depth is measured when vessel is afloat, the details of measurement should be reported.Addition for Keel below base line for draught record ..... 2 1/2" inches.CORRECTION FOR LENGTH.  
Length of Ship on Loadline ..... 345.0'  
Length in Table ..... 349.0' 348.37  
Difference ..... 3.37-4.0'  
Correction for 10ft., Table A. ..... 1.5 Table C. 7  
x Difference divided by 10 ..... 5.6 (if required.) 28.23  
If  $\frac{1}{10}$ ths length covered divide by 2 =  $-3\frac{1}{4}\frac{1}{2}$  =  $-1\frac{1}{4}$ "CORRECTION FOR IRON DECK.  
Proportion covered, if less than  $\frac{7}{10}$ ths length covered ..... 42.9  
Thickness of usual wood deck, less stringer .....  $3\frac{1}{2}$  =  $1\frac{3}{4}$ "  $1\frac{1}{2}$ "CORRECTION FOR ROUND OF BEAM.  
Breadth at Gunwale amidships ..... 48.0"  
Round of Beam ..... 12 1/2"  
Normal round ..... 12 1/2"  
Difference ..... ✓  $\div 2 =$  ✓  
Proportion of Deck uncovered (Para. 19) ..... ✓

Freeboard, Table A .....	7-1" 0 1/4
Correction for Sheer .....	$-3\frac{1}{2}\frac{1}{4}$
Correction for Length .....	6'-9 1/4" 8 1/4
Allowance for Deck Erections .....	$-3\frac{1}{4}\frac{1}{2}$
Correction for Round of Beam .....	6'-8 1/4" 7 3/4
Correction for Fall in Sheer (if any) .....	-9"
Correction for Iron Deck (if required) .....	13 1/2" 1/2
Additions for non-compliance with provisions of Para. 11 (d) and (e) { .....	5'-9 1/4" 1/4
Other Corrections (if any) .....	5'-11 5/8" 10 3/4

Winter Freeboard .....	5'-9 3/4" 1/4
Summer Freeboard .....	5'-4 1/2"
Indian Summer Freeboard .....	4'-11 1/4" 10 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.	13 1/4"
Winter Freeboard from deck line .....	5'-11 1/2"
Summer " " " " .....	5'-6 1/4" 5 3/4
Indian Summer " " " " .....	5'-4" 0 1/2
N. A. Winter " " " " .....	5'-6" 0 1/2

Winter Freeboard .....	5'-6" 0 1/2
Summer " " " " .....	6" W.
Indian Summer " " " " .....	5"-
N. A. Winter " " " " .....	5"-
Winter Freeboard from deck line .....	5'-6" 0 1/2
Summer " " " " .....	6" W.
Indian Summer " " " " .....	5"-
N. A. Winter " " " " .....	5"-

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.

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MARKING FORM  
RECEIVED 8 OCT 1993

Do all the Frames extend to the top height in the Poop? Yes Raised Quarter Deck? ✓  
 To what height do the Reverse Frames extend? Upper & 2nd Dk. aftly.  
 Has the Poop or Raised Quarter Deck an efficient Iron Bulkhead at the fore end? Hinged  
 Give particulars of the means for closing the openings in Bulkhead No.  
 Is the Poop or Raised Quarter Deck connected with the Bridge House? Steel  
 Give particulars of the means for closing the openings in Bulkhead  
 What is the thickness of the Bridge Front plating? .40" and Coaming  
 Give scantlings and spacing of the Stiffeners L 9 x 3 1/2" x .475  
 Are bracket plates fitted at each end of the Stiffeners? Yes  
 Has the Bridge House an efficient Iron Bulkhead at the after end? Steel hinged doors  
 How are the openings closed? Yes  
 Is the Forecastle at least as high as the main or top-gallant rail? Bridge  
 Are the Engine and Boiler openings covered by a Bridge, Poop, Raised Quarter Deck, or enclosed by a Strong Iron or Steel Deckhouse? Connected?  
 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'-6" x 18'-0"	No. 2 33'-0" x 18'-0"	No. 3 30'-3"		"x 18'-0"	No. 4 27'-6" x 18'-0"		
Item.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
HEIGHT above top of DECK	24"		24"		24"		24"	
SCAMPLINGS Sides.	.44"		.44		.44		.44	
Thickness Ends.	.44"		.44		.44		.44	
STIFFENING PLATES Number	5	5	7	7	6	6	5	
WEB PLATES Section and Scantlings	15" 4x3x.44" as approved	15" 4x3x.44" as approved	15" 4x3x.44" as approved	15" 4x3x.44" as approved	15" 4x3x.44" as approved	15" 4x3x.44" as approved	15" 4x3x.44" as approved	
* FORE AND AFTERS Material	None	None	None	None	None	None	None	
HATCHES Thickness	3	3	3	3	3	3	3	3
Remarks.	all hatches stiffened with 7" bolt angles							

\* 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.

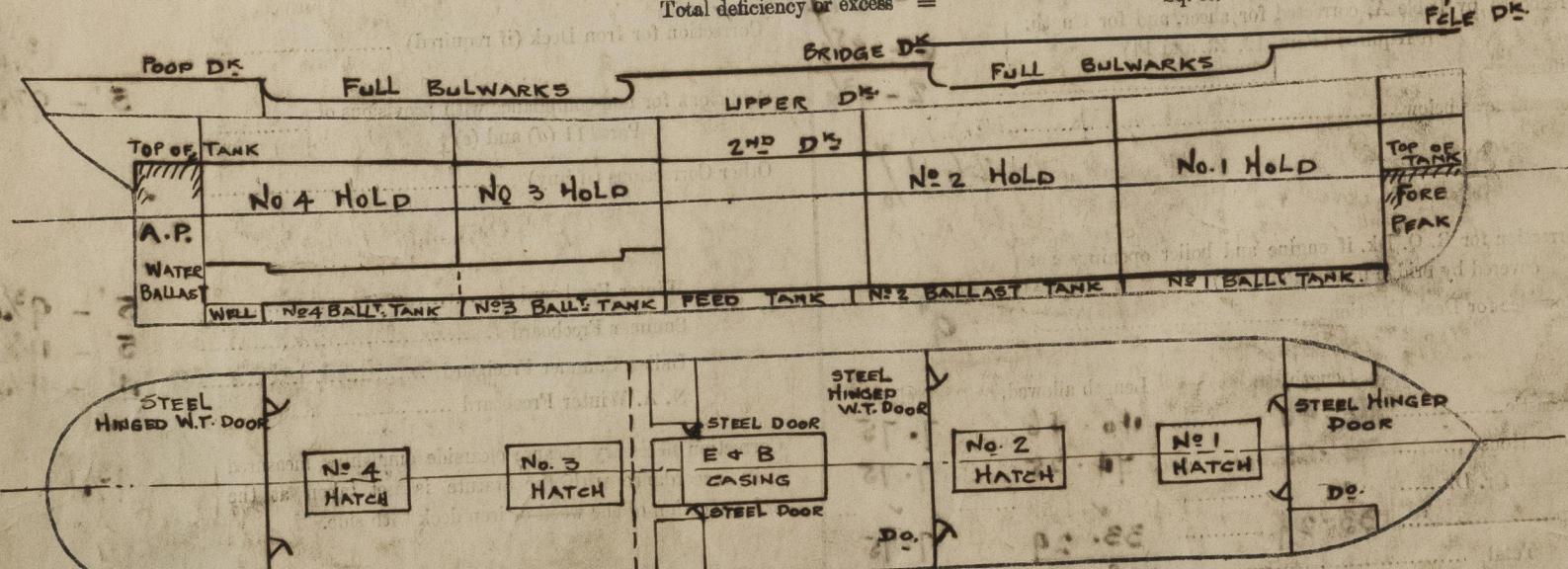
Ft. Tenths. Ft. Tenths. No.

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

built by the same firm.

Sister vessel to S. S. "Kiso Maru"

Owners Tokyo Kaiun Kabushiki Kaisha  
Address 7 Hiramatsu-cho, Nipponbashi-ku  
Tokyo.

Fee Yen 120.-

Received by me



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