

# Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.

STEAM SHIPS.

Index No. 29562  
(For London Office only)

382

Rpt. No. 2953.

PARTICULARS RELATING TO ALL STEAM SHIPS EITHER FLUSH DECKED, OR WITH DISCONNECTED, OR QUARTER DECKS WITH TOP GALLANT FORECASTLES, SHORT POOPS AND BRIDGE HOUSES, OR RAISED CONNECTED WITH BRIDGE HOUSES, OR OTHERWISE.

Port of Survey Tama Dockyard, Yoko  
Date of Survey While building  
Name of Surveyor H. P. Hower

Mitsui Bussan Kaisha Hull No. 44

Ship's Name.

TONE MARU

Number in Register Book

Port of Registry and Nationality.

Kobe

Official Number.

27128

Gross Tonnage.

4070.10

Date of Build.

1920

Particulars of Classification.

+100 A.1. Contemplated

Registered dimensions from Ship's Register.

LENGTH.

345.00

BREADTH.

50.00

DEPTH.

26.65

UNDER DECK TONNAGE.

2503.76

Length on LOADLINE.

345.00

Frame Depth 10 Rule

6/4

Ceiling +2.0

Sheer +.42

Peak Tanks

5" drop in tank = .20

CORRECTED DIMENSIONS.

345.00

49.34

27.47

2503.76

Co-efficient of fineness.....

.75

Any modification necessary [Para. 4 (a) to (e)]\*

.02

Co-efficient as corrected .....

.73

Sheer { Stem..... 84 } 126 1/2 ÷ 2 = 63 1/4 ... Mean  
at { Sternpost ... 42 1/2 }

Sheer at 1/8 of the length from { Stem 45 3/4 } 66 3/4 ÷ 2 = 33 3/8 ... Mean  
Sternpost 21 } 60.6 ÷ 55% = 60.6

Gradual mean Sheer ..... 44.50

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

Difference..... 15.50 ÷ 4 = 3.87

§ If limited as Para. 18 (f) ..... = - 3 7/8"

Rise in Sheer { At front of bridge house..... ✓  
from amidships { [Para. 18 (e)] At after end of forecastle ..... ✓

Fall in Sheer { ÷ 2 =  
Para. 18 (d) } ✓

Length uncovered ..... Correction

## ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C..... 3' - 11 10/4"

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

Freeboard by Table A, corrected for sheer, and for length, if required (Para. 12, 13, and 14) ..... 6' - 8 3/4"

Difference ..... 2' - 9 3/4"

Percentage as below..... 27.03

26.4%

8.98

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) ..... 9" ✓

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

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Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) ..... 9" ✓

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

Moulded Depth as measured..... 29' - 0 3/8"

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

× Difference divided by 10 ..... .5' .6 (if required.) .28 .23

If 1/10ths length covered divide by 2 = - 3 1/4" = - 1/4"

## CORRECTION FOR IRON DECK.

Proportion covered, if less than 7/10ths length covered ..... 426

Thickness of usual wood deck, less stringer ..... 3 1/2" = - 1 1/4"

## CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships..... 48' - 0"

Round of Beam ..... 12 1/2"

Normal round..... 12 1/2"

Difference ..... ✓ ÷ 2 = ..... ✓

Proportion of Deck uncovered (Para. 19) ..... ✓

Freeboard, Table A ..... 7' - 10 1/4"

Correction for Sheer ..... - 3 3/4" 4

Correction for Length ..... 6' - 9 3/4" 8 1/4"

Allowance for Deck Erections ..... - 3 1/4" 1/2

Correction for Round of Beam..... 6' - 8 5/8" 7 3/4"

Correction for fall in Sheer (if any)..... - 9" 10 3/4"

Correction for Iron Deck (if required) ..... 5' - 11 5/8" 10 3/4"

Additions for non-compliance with provisions of Para. 11 (a) and (e) †

Other Corrections (if any) ..... ✓

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

Correction for Iron Deck (if required) ..... ✓

Additions for non-compliance with provisions of Para. 11 (a) and (e) †

Other Corrections (if any) ..... ✓

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

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

Correction for Iron Deck (if required) ..... ✓

Additions for non-compliance with provisions of Para. 11 (a) and (e) †



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? *Upper 2nd Deck attly.* In Fore Peak to Fore & 2nd Deck attly. all to upper Deck in A.P.  
 Has the Poop or Raised Quarter Deck an efficient Iron Bulkhead at the fore end? *Yes* W. I. door *✓*  
 Give particulars of the means for closing the openings in Bulkhead *Hinged* Has the Bridge House an efficient Bulkhead at the fore end? *Yes*  
 Is the Poop or Raised Quarter Deck connected with the Bridge House? *No* hinged W. I. doors *✓*  
 Give particulars of the means for closing the openings in Bulkhead *Steel* plate? *44"*  
 What is the thickness of the Bridge Front plating? *40"* and Coaming *Spaced 31" apart*  
 Give scantlings and spacing of the Stiffeners *9x3 1/2" x .475* Are horizontal brackets fitted connecting Bridge Bulk'd. with Bulwarks? *Yes*  
 Are bracket plates fitted at each end of the Stiffeners? *Yes*  
 Has the Bridge House an efficient Iron Bulkhead at the after end? *Yes*  
 How are the openings closed? *Steel hinged doors*  
 Is the Forecastle at least as high as the main or top-gallant rail? *Yes* Bridge  
 Are the Engine and Boiler openings covered by a Bridge, Poop, Raised Quarter Deck, or enclosed by a Strong Iron or Steel Deckhouse?  
 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:—

Give the Weather Deck Hatchways efficiently, and state 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.	Ship.
Height above top of DECK	24"		24"		24"		24"		
	.44"		.44"		.44"		.44"		
	.44"		.44"		.44"		.44"		
Thickness	Sides.....								
	Ends.....								
Number .....	5	5	7	7	6	6	5	5	
	Section and Scantlings .....	15" 4"x3"x.44" as approved	14 1/2" 4"x3"x.44" as approved	15 1/2" 4"x3"x.44" as approved	15 1/2" 4"x3"x.44" as approved	15" 4"x3"x.44" as approved	15" 4"x3"x.44" as approved		
	Material .....	Steel	Steel	Steel	Steel	Steel	Steel		
* FORE AND AFTERS.	Number .....	None	None	None	None	None	None		
	Section and Scantlings .....								
	Material .....								
HATCHES Thickness .....	3	3	3	3	3	3	3		
Remarks.....	all hatches stiffened with 7" built 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?

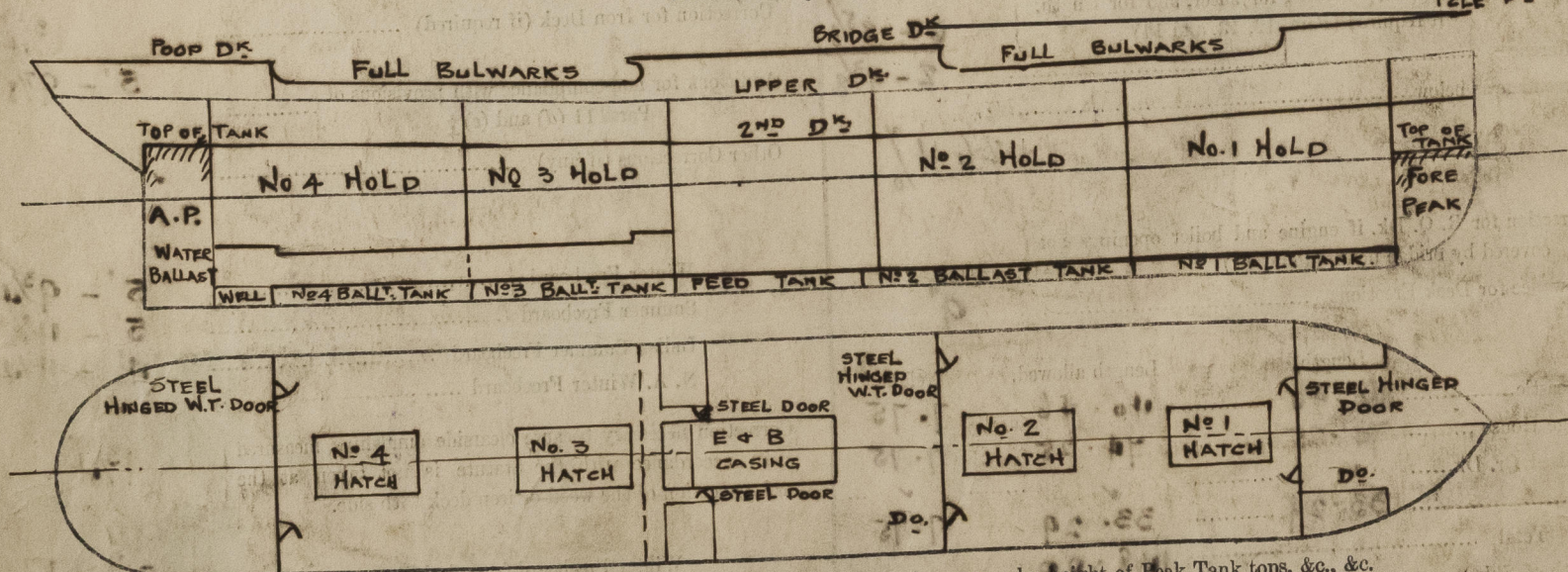
Delete the words } The Crew are, are not, berthed in the bridge house.  
 that do not apply } The arrangements to enable them to get backwards and forwards from their quarters are, are not satisfactory.

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 *Sister vessel to S. S. "Kiso Maru"*  
*built by the same firm.*

Owners *Tokyo Kaiun Kabushiki Kaisha*

Address *7 Hiramatsu-cho, Nipponbashi-ku Tokyo.*

Fee *Yen 120.-*

Received by me



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