

27191
Lloyd's Register of Shipping.
SURVEYS FOR FREEBOARD.—STEAM SHIPS.

Index No. 28256
(For London Office only.)

REGISTRATION 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 Osaka
Date of Survey July 1919
Name of Surveyor A. Jones & S. J. Barton

Ship's Name. Keinan maru
Port of Registry and Nationality. Mitsugahama Japanese
Official Number. 24975
Gross Tonnage. 4363
Date of Build. 1919-84
Particulars of Classification. +100 A' Awaiting deck Reconm.

Number in Register Book

Registered dimensions from Ship's Register	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	345	49.8 met. 50.0 ft.	25.8 ft. under bot.	3676
		Frame Depth 8 Rule " 5 1/2 2 1/2	Ceiling 4' 20 Sheer 1' 26	Peak Tanks
	345.0	49.58	29.26	3676

Moulded Depth as measured..... 28' 2"

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..... 345
Length in Table 338
Difference 7
Correction for 10ft., Table A. 1.43 Table C. 7
× Difference divided by 10 1.00 (if required.) 49
If 1/10ths length covered divide by 2 +1 ✓ + 1/2 ✓

CORRECTION FOR IRON DECK.

Proportion covered, if less than 7/10ths length covered 472
Thickness of usual wood deck, less stringer 3 1/2 - 1 3/4 ✓

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships..... 48
Round of Beam 12
Normal round..... 12
Difference ✓ ÷ 2 =
Proportion of Deck uncovered (Para. 19)

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

of fineness..... 79 ✓
ation necessary { -02 DB
(a) to (e)]*
as corrected 77 ✓

120 } 180 ÷ 2 = 90 ✓ ...Mean
apost 60
the length from { Stem 66 } 99 ÷ 2 = 49 1/2 ...Mean
Sternpost 33 }
n Sheer 90 ÷ 55 = 90
an Sheer [Table, Para. 18] 44.5 Correction
Difference..... 45.5 ÷ 4 = -11 1/2 ✓
as Para. 18 (f)

At front of bridge house.....
At after end of forecastle

At front of bridge house.....
At after end of forecastle

ALLOWANCE FOR DECK ERECTIONS:—

able C..... 3' 8 1/2" ✓
r Length, if required (Para. 12, 13, and 14) + 1/2
Table A, corrected for sheer, and for length, } 3' 9" ✓
if required (Para. 12, 13, and 14) } 5' 11 1/2
below..... 2' 2 1/2 ✓
30.9 ✓

R. Q. Dk. if engine and boiler openings not }
by bridge house (Para. 11) }
Deck Erections 7.96
-8 ✓

Length.	Length allowed.	Height.
34' 0"	34' 0" ✓	8' 0"
99' 0"	99' 0" ✓	8' 0"
30' 0"	30' 0" ✓	8' 0"
	163.0	
	345.0 = .472	

Ship
ng percentage { 30.04 %
, 12, 13, or 14 }

ARD 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 " " "

Freeboard, Table A 6' 10" ✓
Correction for Sheer -11 1/2
Correction for Length 5' 10 1/2 ✓
+ 1
Allowance for Deck Erections 5' 11 1/2 ✓
- 8
Correction for Round of Beam..... 5' 3 1/2 ✓
Correction for fall in Sheer (if any).....
Correction for Iron Deck (if required) -1 3/4
5' 1 3/4 ✓
Additions for non-compliance with provisions of }
Para. 11 (d) and (e) † }
Other Corrections (if any)

Winter Freeboard 5' 1 3/4 ✓
Summer Freeboard 4' 9" ✓
Indian Summer Freeboard 4' 4 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 5' 3 1/2 ✓
Summer " " " 4' 10 3/4 ✓
Indian Summer " " " 4' 6" ✓
N. A. Winter " " " ✓

4' 10 1/2 ✓
6" ✓
4 1/2 ✓
5" ✓

* 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 sternpost. In vessels having poops and forecastles, it means the sheer measured at points distant one eighth of the vessel's length from stem and sternpost.

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 REPORT
RECEIVED 13.10.19
W1289-0054

Do all the Frames extend to the top height in the Poop? Longitudinal framing Raised Quarter Deck? Yes Bridge House? Yes Forecastle? Yes

To what height do the Reverse Frames extend? Yes

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 2 W.T. Steel doors

Is the Poop or Raised Quarter Deck connected with the Bridge House? No Has the Bridge House an efficient Bulkhead at the fore end? Yes

Give particulars of the means for closing the openings in Bulkhead 2 W.T. steel door

What is the thickness of the Bridge Front plating? .38 and Coaming plate? .42

Give scantlings and spacing of the Stiffeners 8 x 3 1/2 x .56 B.A.

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? Hinged steel doors

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? By Bridge

If the openings are not so protected are the exposed parts of the Casings efficiently constructed? Yes

Give thickness of plating; scantlings and spacing of Stiffeners

What is the height of the exposed Casings? Yes Are suitable means provided for closing all openings in them in bad weather? Yes

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:— Yes

Position and Size.		No. 1. 22'-0" x 20'-0"		No. 2. 28'-0" x 20'-0"		No. 3. 15'-0" x 18'-0"		No. 4. 10'-0" x 20'-0"		No. 5. 16'-0" x 20'-0"	
Item.		Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
COAMING.	Height above top of DECK	36	24			18	18				
	Sides.....	.44	.44	Same as No. 1.		(36)	(36)	Same as No. 1.		Same as No. 1.	
	Ends.....	.44	.44			50 (x 44)	50 (x 44)				
SHIFTING BEAMS OR WEB PLATES.	Number	4	4	5	5	2 (x 1)	2 (x 1)	1	1	4	4
	Section and Scantlings	17-8 1/2 x 36	17-8 1/2 x 36	Same as No. 1.		16-8 x 36	16-8 x 36	18-9 x 36	18-9 x 36	Same as No. 1.	
	Material	4. Angle 4 x 3.44	4. 3.44			(13-6 1/2 x 32)	(13-6 1/2 x 32)	4. 3.44	4. 3.44		
* FORE AND AFTERS.	Number										
	Section and Scantlings										
	Material										
HATCHES Thickness		3"	3"	3"	3"	3"	3"	3"	3"	3"	3"
Remarks.....		7 x 3 7/16 x 3/8 B.A. fitted to all coamings									

* 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? .52 Strake between Main and Bridge Sheerstrakes? .54

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 79' well forward 99' well aft

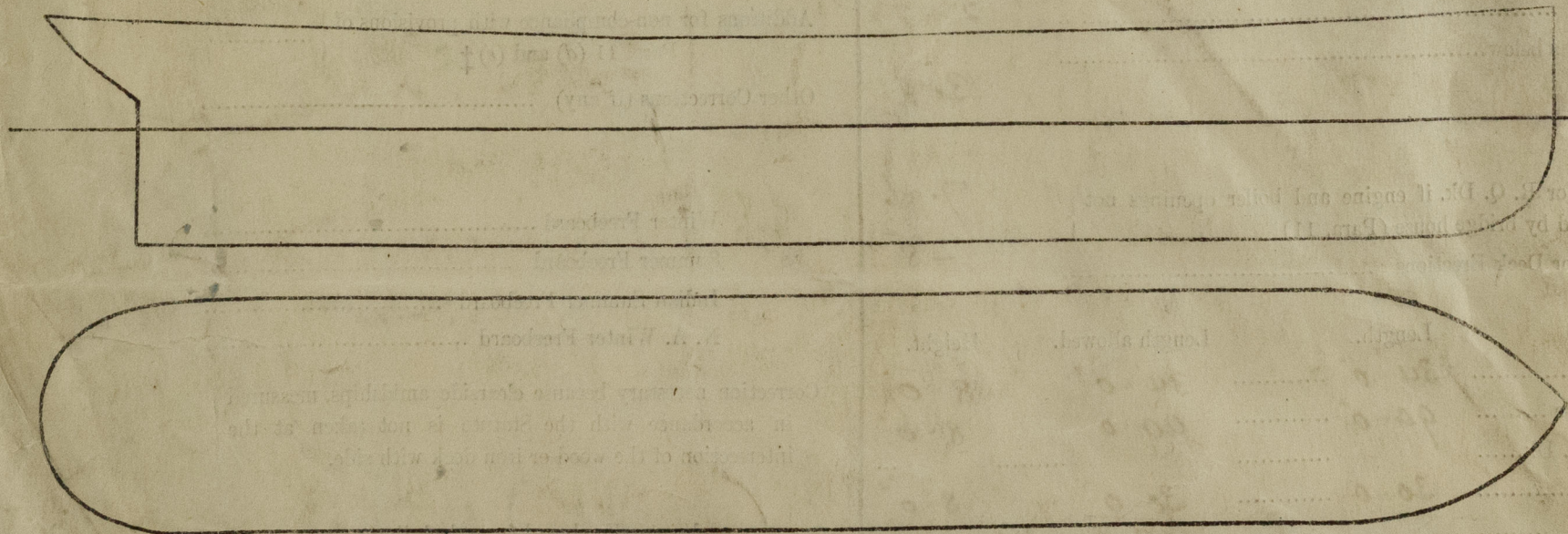
Area of Freeing Ports required by Para. 11 (e) each side of vessel = 79 x 99 Sq. ft. = 16 F & 20" A. a side

Ft. Tenths. Ft. Tenths. No. } Freeing Ports (each side of vessel) = 15.6 Sq. ft.

1.5 x 2.6 x 4 } = 19.5

1.5 x 3.25 x 4 }

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 fwd recommended & marked on the 1904-5 is as assigned to sister vessels. "Juku Maru" "Yamato Maru" "War Maid" etc. Fwd let. 8th Jan'y. 1918

Owners A verification report is attached.

Address

Fee £/s 120⁰⁰

Received by me

A.D. 8/8/19



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