

# Lloyd's Register of British & Foreign Shipping

## SURVEYS FOR FREEBOARD.

5-AUG. 1919

PARTICULARS IN RESPECT OF STEAM SHIPS WITH TOP GALLANT FORECASTLES, HAVING LONG POOPS OR RAISED QUARTER DECKS CONNECTED WITH BRIDGE HOUSES, OR SHORT POOP AND BRIDGE HOUSE DISCONNECTED, OR BRIDGE HOUSE.

*Kawasaki Dry Dock no 440* Delete words which do not apply.

Port of Survey *Kobe*  
Date of Survey *March-Apr 1919*  
Name of Surveyor *A. Jones & A. Wate*

Ship's Name. <i>Liverpool Maru</i>	Gross Tonnage. <i>5863</i>	Official Number.	Type of Ship. <i>Steamer Deck</i>	Date of Build. <i>1919-4</i>	Particulars of Classification. <i>+100 At. Awaiting on recommended</i>
Number in Register Book					

Registered Length as shown by ship's register. *385.0* Breadth *51.0* Depth *25.6*

Length on Loadline *384.6*  
Breadth *51.5* Depth *25.5*

*No ceiling +20*  
Depth *26.68*  
Correction for excess or deficiency of Gradual Sheer (Para. 3) ...  
Tons and. Dk. *4200*  
Depth to be used *26.68* × 100

Efficient of fineness *.81*  
Any modification necessary [Para. 4 (a) to (e) \*] *-02*  
Efficient as corrected *.79*

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

Sheer at 1/4 of the length from { Stem *61* } *88* ÷ 2 = *44* ... Mean  
Sternpost *27*

Gradual Sheer *80*  
Standard Sheer (Table, Para. 18) *48 1/2*  
Difference *31 1/2* ÷ 4 = *-7 7/8* Correction

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

ALLOWANCE FOR DECK ERECTIONS:— *None*

Freeboard, Table C...  
Correction for Length, if required (Para. 12 and 13) ...

Freeboard by Table A. corrected for sheer, and for length, if required (Para. 12 and 13) ...

Difference ...  
Percentage as below...

Correction for engine and boiler openings not being covered by bridge house, in cases coming under Para. 11 ...

Allowance for Deck Erections ...

	Length.	Length allowed.	Height.
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Castle...			
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Bridge House			
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Raised Qr. Dk.			
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Total			
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Height of Ship			
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Allowing percentage {  
Para. 11, 12, or 13.)

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	"	"	"	

Frames skin planking or ceiling are of unusual thickness the breadth of vessel to inside 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.

Moulded Depth as measured *To up' DR 28' 0"*  
*Nov " 36' 0"*

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 *384.6*  
Length in Table *336.0*  
Difference *48.6*

Correction for 10ft., Table A. *1.4* Table C. *.7*  
× Difference divided by 10 *6.8* (if required.)  
If 1/10ths length covered divide by 2 for vessels coming under Para. 11 and Para. 12 *3.4* *3.4*

CORRECTION FOR IRON DECK.  
Proportion covered, if less than 1/10ths length covered ...  
Thickness of usual wood deck, less stringer... *- 3 1/2*

CORRECTION FOR ROUND OF BEAM.  
Breadth at Gunwale amidships *50*  
Round of Beam *12 1/2*  
Normal round *12 1/2*  
Difference *1/4* ÷ 2 = ...  
NOTE.—The round of beam should be reported on the full breadth of vessel at the gunwale.

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

Freeboard, Table A *C* *3' 8 1/4"*  
Correction for Sheer *- 7 3/4"*

Correction for Length *+ 3 1/2"*

Allowance for Deck Erections ...

Correction for Round of Beam ...

Correction for Iron Deck (if required) *- 3 1/2"*

*Additional Strength*  
Additions for non-compliance with provisions of Para. 11 (d) and (e) † *- 1' 4 1/4"*

Other corrections (if any) *From 5A. height 8' 0"*

Winter Freeboard *9' 8 1/4"*

Summer Freeboard *9' 1 3/4"*

~~Winter Freeboard~~ *Ind. Sum.* *9' 7 1/4"*

Correction necessary because clear side amidships measured in accordance with the Statutes 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"*

~~N.A. Winter~~ " " " *Ind. Sum.* *8' 9"*

*9' 3 1/2"*  
*7 1/2"*  
*6 1/2"*

† State dimensions of freeing port area on back of this form.  
§ Marked in accordance with Sec. 437, M. S. Act, 1894.



DELETE WORDS WHICH DO NOT APPLY.

The Crew are, are not, berthed in the bridge house.

The arrangements to enable them to get backwards and forwards from their quarters are, are not satisfactory.

Length of Bulwarks in well

Open rails

Area of freeing ports required by Para. 11 (e) each side of vessel

Sq. Ft.

Freeing Ports (each side of vessel)

Ft. Tenths. Ft. Tenths. No.

x x x

=

Sq. Ft.

Total deficiency =

Sq. Ft.

Total excess =

"

Vertical distance from bottom of keel or from top of deck at side amidships to lower edge of lowest side scuttle.

(N.B.—This dimension need not be reported unless the sill of the lowest side scuttle would be less than 6 inches above the Indian Summer Load Line if assigned under the tables.)

Do all the Frames extend to the top height in the Poop?

Do. do. do. in the Raised Quarter Deck?

Do. do. do. Bridge House?

Do. do. do. Forecastle?

To what height do the Reverse Frames extend? Main B.A. frames to 2nd & up? 5th. alter 1st & light from up.

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?

State whether the Bridge House efficiently covers the Engine and Boiler Openings

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

Give particulars of the means for closing the openings in Bulkhead

Describe how and to what extent it is Stiffened, give scantlings and spacing of Angle Irons, Bulb Plates, etc.

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 Bulkhead at its after end?

Are the Hatchways efficiently constructed? Yes What is the thickness of the Hatches? 3"

State the height of the Coamings in fore well? 24' In after well

Are the exposed parts of the Engine and Boiler Casings efficiently constructed? Yes

State any special features in the construction of the Vessel

The 1st E. Rpt is now forwarded The fbd. recommended & which has been marked, is as assigned to the sister vessel "Argonne" (Don let. 18th Feb 1916) Rehe Rpt No 1941, etc.

Show hereon the actual measurements of sheer, draft, erections, breaks in line of floors, &c.

Owners

Kawasaki Risen Kaisha

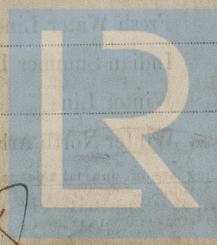
Address

Kobe

Fee 140<sup>00</sup>

Received by me 24/5/19

Fee applied for 17 May 1909



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