

# Lloyd's Register of British & Foreign Shipping.

## SURVEYS FOR FREEBOARD.

MON. 23 JUN. 1919

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

Port of Survey Kobe  
Date of Survey March 1919  
Name of Surveyor A. L. Jones

Delete words which do not apply.  
aki Wkyd. No. 437

Ship's Name.	Gross Tonnage.	Official Number.	Type of Ship.	Date of Build.	Particulars of Classification.
<u>"Cowan Maru"</u> in Register Book	<u>5863</u>	<u>24758</u>	<u>Awning Deck</u>	<u>1919</u>	<u>+100 A1 Awning Deck</u> <u>Keon</u>

Length as { 385.0 Breadth 51.0 Depth 25.6  
ship's register.  
on Loadline 384.6  
Corrected by 50.5  
5 for from depth

No. 120 Tons 4200  
on for excess or deficiency und. Dk.  
actual Sheer (Para. 3) + .88 × 100  
Depth to be used 26.68

cient of fineness .81  
modification necessary { .12 5B.  
Para. 4 (a) to (e) \*]  
cient as corrected .79

Stem... 110 } 160 ÷ 2 = 80 ...Mean  
Sternpost... 50  
at  $\frac{1}{4}$  of the length from { Stem 61 } 88 ÷ 2 = 44 ...Mean  
Sternpost 27 } 80  
al Sheer 48 1/2 Correction  
rd Sheer (Table, Para. 18) 48 1/2  
Difference 31 1/2 ÷ 4 = -7 7/8

in Sheer { At front of bridge house.....  
amidships  
u. 18 (e)] { At after end of forecastle .....

ALLOWANCE FOR DECK ERECTIONS:— None

board, Table C.....  
ction for Length, if required (Para. 12 and 13) .....  
board by Table A. corrected for sheer, and for length, {  
if required (Para. 12 and 13)  
ence .....  
ntage as below.....

ction for engine and boiler openings not being covered }  
by bridge house, in cases coming under Para. 11  
ance for Deck Erections .....

	Length.	Length allowed.	Height.
astle.....			
ge House .....			
ised Qr. Dk.....			
Total .....			
th of Ship .....			

sponding percentage {  
ara. 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	" " "	...	...	...	...

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 E.Q.D. is to be taken from the level of the top of the amidship beam.

Moulded Depth as measured.....  
28' 0" to up. dr  
36' 0" to down. SK

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.) 3.4  
If  $\frac{1}{10}$ ths length covered divide by 2 } 3.4  
for vessels coming under Para. 11 and Para. 12

CORRECTION FOR IRON DECK.  
Proportion covered, if less than  $\frac{1}{10}$ ths 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 3/4  
Normal round ..... 12 1/2  
Difference ..... 1/4 ÷ 2 = .....  
Proportion of Deck uncovered (Para. 19) .....

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

Freeboard, Table A C..... 3' 8 1/4  
Correction for Sheer ..... - 7 1/4  
Correction for Length ..... + 3 1/2  
Allowance for Deck Erections .....  
Correction for Round of Beam.....  
Correction for Iron Deck (if required) ..... - 3 1/2  
Additions for non-compliance with provisions of { At 5.11 on at strength 1' 11" 4 1/4  
Para. 11 (d) and (e) } 1' 8 1/4  
Other corrections (if any)..... Height between Drs + 8' 0"

Winter Freeboard ..... 9' 8 1/4  
Summer Freeboard ..... 9' 1 3/4  
N. A. Winter Freeboard ..... 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,, " " " " ..... 8' 9"

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

Lloyd's Register

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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

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

Freeing Ports (each side of vessel)

Ft.	Tenths.	Ft.	Tenths.	No.
x		x		}
x		x		

Open rails on Awaiting Deck

Sq. Ft.

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 BA frame to 2<sup>nd</sup> & up? In altern. & light frame carried 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?

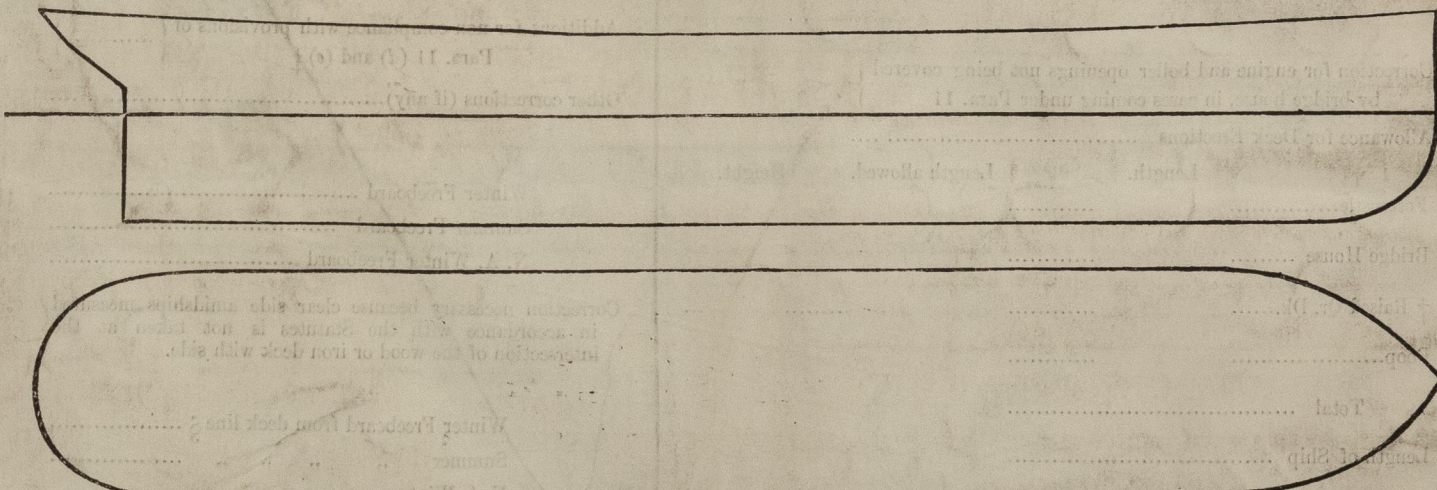
Are the Hatchways efficiently constructed? *Yes* What is the thickness of the Hatches? *3"*

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 1<sup>st</sup> Entry Rpt is now forwarded*

*The fbd. recommended & which has been marked on is as assigned to the sister vessels Argonne (don let. 18 Feb, 1916) Kobe Rpt No 1941, etc etc*



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

Owners *Kawasaki Kisen K. Kaisha*

Address *Kobe*

Fee *Gen 140*

Received by me *18/4/19*

