

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.—STEAM SHIPS.

PARTICULARS RELATING TO ALL STEAM SHIPS EITHER FLUSH DECKED, OR WITH TOP 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

Date of Survey

Name of Surveyor

Complete Promenade Dk with openings in sides for staff closed by hinged covers.

Ship's Name.

MAUNGANUI.

Port of Registry and Nationality.

Wellington
British

Official Number.

107810

Gross Tonnage.

4527

Date of Build.

1911-12m

Particulars of Classification.

-1100 A1.

Number in Register Book

Registered dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	430.8	55.7	31.2	5338.95
Length on LOADLINE.	430.0	Frame Depth $6\frac{1}{2}$ Rule	Ceiling $6\frac{1}{2}$ Sheer $+ .17$	Peak Tanks
CORRECTED DIMENSIONS.	430.	55.7	31.37	

Co-efficient of fineness.....

.71

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

Cell. D.B.

Co-efficient as corrected

.69

Sheer { Stem..... $72\frac{1}{2}$ } $118\frac{1}{4} \div 2 = 59.12$... Mean
at { Sternpost ... $45\frac{3}{4}$ }

Sheer at $\frac{1}{3}$ of the length from { Stem $43\frac{3}{4}$ } $65\frac{1}{4} \div 2 = 32.625$... Mean
{ Sternpost $21\frac{1}{2}$ }

Gradual mean Sheer 59.3 } 59.2
Standard mean Sheer [Table, Para. 18] 53.0 Correction
Difference..... $6.2 \div 4 = -1\frac{1}{2}$

§ If limited as Para. 18 (f)

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

Fall in Sheer {
Para. 18 (d) } $\div 2 =$

Length uncovered Correction

ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C..... $5'-9\frac{1}{4}"$
Correction for Length, if required (Para. 12, 13, and 14)

* Freeboard by Table A, corrected for sheer, and for length, if required (Para. 11, 12, 13, and 14) } $8'-8\frac{1}{4}"$

Difference $2'-11"$ Percentage as below..... 72.7% $25\frac{1}{2}"$

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

Allowance for Deck Erections

	Length.	Length allowed.	Height.
Forecastle..... <i>open</i>	87.5	70.62	8'-6"
Bridge House..... <i>(184.5)</i>	216.0	207.56	"
† Raised Qr. Dk.....		89.37	...
Poop..... <i>(88.25)</i>	90.5	367.55	...
Total		31.22	...
Length of Ship	$430 - 367.55$	398.44	$= .927$
Corresponding percentage (Para. N, 12, 13, or 14)		430	

SUMMER FREEBOARD amidships from Centre of Disc to top of Deck Line, Wood, Steel, Deck:—

Tropical Fresh Water Line above Centre of Disc	...	$6\frac{1}{4}"$
Fresh Water Line	"	$6\frac{1}{4}"$
Tropical Line	"	NIL
Water Line	below	"
Winter North Atlantic Line	"	NIL

Tropical Fresh Water Freeboard	...	$9'-4\frac{1}{2}"$
Fresh Water	"	$8'-9\frac{1}{2}"$
Tropical	"	$9'-4\frac{1}{2}"$
Winter	"	$9'-4\frac{1}{2}"$
Winter North Atlantic	"	"

Moulded Depth as measured..... $31'-0"$

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..... 430
Length in Table 408
Difference 22
Correction for 10ft., Table A. 1.7 Table C.
× Difference divided by 10 3.74 (if required.)
If $\frac{1}{10}$ ths length covered divide by 2 $+ 1\frac{3}{4}$

CORRECTION FOR IRON DECK.

Proportion covered, if less than $\frac{1}{10}$ ths length covered

Thickness of usual wood deck, less stringer

 $2\frac{1}{2}"$ Wood Sheathing

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships..... $54'-6"$
Round of Beam 12
Normal round..... 13-6
Difference $1-6 \div 2 =$ 8
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 $8'-9\frac{1}{2}"$
Correction for Sheer $8'-8\frac{1}{4}"$
Correction for Length $+ 1\frac{3}{4}"$
Allowance for Deck Erections $8'-10"$
Correction for Round of Beam..... $- 2'-1\frac{1}{2}"$
Correction for fall in Sheer (if any)..... $6'-8\frac{1}{2}"$

Correction for Steel Deck (if required) $2\frac{1}{2}"$ Wood Sheathing $- 1$
Additions for non-compliance with provisions of {
Para. 11 (d) and (e) † } $6'-7\frac{1}{2}"$

Other Corrections (if any)
Lower edge of lowest side-light above top of keel = 25.5 $+ 2'-8\frac{1}{2}"$

Winter Freeboard } $9'-4"$
Summer Freeboard }
Indian Summer Freeboard
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 steel deck with side.

Winter Freeboard from deck line
Summer " " " "
Indian Summer " " " "
N. A. Winter " " " "

M. M.
5-11-32

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9 NOV

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