

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

Index No. 29855  
(For London Office only.)

No 17800.

SHIPS RELATING TO ALL STEAM SHIPS ~~WITH FLUSH DECKED, OR WITH FORECASTLES, SHORT POOPS AND BRIDGE HOUSES DISCONNECTED, OR~~  
~~PLANT FORECASTLES HAVING LONG POOPS, OR RAISED QUARTER DECKS~~  
~~CONNECTED WITH BRIDGE HOUSES, OR OTHERWISE.~~

Port of Survey Greenock  
Date of Survey White Building  
Name of Surveyor R.D. Cairns.

Ship's Name. MACIVER  
Port of Registry and Nationality. 144253  
Official Number. 144253  
Gross Tonnage. ✓  
Date of Build. Building  
Particulars of Classification. + 100. A. 1. (Contemplated)

LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
<u>384.8</u>	<u>52.0</u>	<u>26.55</u>	<u>4165.22</u>
<u>384.0</u>	Frame Depth <u>9</u> Rule <u>53</u> <u>58</u>	Ceiling <u>fitted</u> Sheer <u>+1.16</u>	Peak } <u>incl.</u> Tanks }
CORRECTED DIMENSIONS.	<u>384</u> ✓	<u>51.42</u> ✓	<u>27.71</u> ✓ <u>4165.22</u>

Co-efficient of fineness..... 76 ✓  
Any modification necessary } Cell. D.B.  
[Para. 4 (a) to (e)]\* }  
Co-efficient as corrected ..... 74 ✓

Sheer { Stem..... 120 } 180 ÷ 2 = 90 ...Mean  
at { Sternpost .. 60 }  
Sheer at  $\frac{1}{2}$  of the length from { Stem 66 } 99 ÷ 2 = 49½ ...Mean  
{ Sternpost 33 } ÷ .55  
Gradual mean Sheer ..... 90 = 90.0  
Standard mean Sheer [Table, Para. 18] ..... 48.4 Correction  
Difference..... 41.6 ÷ 4 = - 10½ ✓  
§ 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) } ÷ 2 =  
Length uncovered ..... ✓ Correction

ALLOWANCE FOR DECK ERECTIONS :—

Freeboard, Table C..... 3'-10½"  
Correction for Length, if required (Para. 12, 13, and 14) ..... + 2½  
4-1 ✓  
Freeboard by Table A. corrected for sheer, and for length, } 6-7½  
if required (Para. 12, 13, and 14) }  
Difference ..... 2-6½ ✓  
Percentage as below..... 33.52%  
- 10½ ✓

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) }  
Allowance for Deck Erections ..... - 10½ ✓

	Length.	Length allowed.	Height.
Forecastle.....	<u>38.0</u>	<u>38.0</u>	<u>8.0</u>
Bridge House .....	<u>112.67</u>	<u>112.12</u>	<u>8.0</u>
(including 2' 2" overhang aft.)			
† Raised Q. Dk.....			
Poop.....	<u>49.25</u>	<u>49.25</u>	<u>8.0</u>
Total .....		<u>199.37</u>	<u>= .519</u> ✓
Length of Ship .....		<u>384</u>	

Corresponding percentage } 33.52% ✓  
(Para. 11, 12, 13, or 14)

FREEBOARD recommended amidships from centre of Disc to top of Statutory Deck Line, ~~Wood~~ (Iron) Deck :—

<u>30-3-21</u>	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.  
† In 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 vessels the total standard mean sheer means the sheer measured at the stem and stern.  
† In vessels having poops and forecastles, it means the sheer measured at points distant  $\frac{1}{4}$ th of the vessel's length from stem and stern-post.

Moulded Depth as measured..... 29'-0"  
Addition for Keel below base line for draught record..... 2½ 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..... 384 ✓  
Length in Table ..... 348 ✓  
Difference ..... 36 ✓  
Correction for 10ft., Table A. .... 1.5 Table C. 7 ✓  
× Difference divided by 10 ..... 5.4 (if required.) 2.52 ✓  
If  $\frac{1}{10}$ ths length covered divide by 2 + 5½ - + 2½ ✓

CORRECTION FOR IRON DECK.

Proportion covered, if less than  $\frac{1}{10}$ ths length covered ..... 519  
Thickness of usual wood deck, less stringer ..... 3½ - 1¾ ✓

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships..... 49'-11"  
Round of Beam ..... 13"  
Normal round..... 12½  
Difference ..... ½ ÷ 2 = ¼  
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 .....  
Correction for Sheer .....

Correction for Length .....

Allowance for Deck Erections .....

Correction for Round of Beam.....

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

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

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

Other Corrections (if any) .....

Winter Freeboard .....  
Summer Freeboard .....  
Indian Summer Freeboard .....  
N. A. Winter Freeboard ..... ✓

Correction necessary because clearside amidships in accordance with the Statute is not taken intersection of the ~~wood~~ or iron deck with side.

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



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Do all the Frames extend to the top height in the Poop? *Yes* Raised Quarter Deck? *✓* Bridge House? *Yes* Forecastle? *✓*  
 To what height do the Reverse Frames extend? *Dep. Bulk Angle frames*  
 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 *Hinged wood 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? *✓*  
 Give particulars of the means for closing the openings in Bulkhead *2. Steel Hinged Doors*  
 What is the thickness of the Bridge Front plating? *40* and Coaming plate? *44*  
 Give scantlings and spacing of the Stiffeners *8 1/2 x 3 1/2 x 60 5/8 spaced 30" apart*  
 Are bracket plates fitted at each end of the Stiffeners? *Yes* Are hor'l. brackets fitted connecting Bridge Bulk'd. with Bulwarks? *No*  
 Has the Bridge House an efficient Iron Bulkhead at the after end? *Yes*  
 How are the openings closed? *Shifting Coamings fitted in Channels riveted to Bulkhead*  
 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? *✓*  
 Are the Engine and Boiler openings covered by a Bridge, Poop, Raised Quarter Deck, or enclosed by a Strong Iron or Steel Deckhouse? *Covered by Bridge Deck*  
 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? *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 23'-10" x 18'-0"		No. 2 28'-2" x 18'-0"		No. 3 13'-0" x 18'-0"		No. 4 36'-4" x 18'-0"		No. 5 21'-8" x 18'-0"	
Item.		Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
COAMING.	Height above top of DECK	30"	30"	30"	30"	30"	30"	30"	30"	30"	30"
	Thickness { Sides.....	44	44	44	44	44	44	44	44	44	44
	Ends.....	44	44	44	44	44	44	44	44	44	44
SHIFTING BEAMS OR WEB PLATES.	Number .....	4	4	5	5	2	2	5	5	4	4
	Section and Scantlings .....	15x36 4x3x44	do	15x36 4x3x44	Do	15x34 4x3x44	do	15x36 4x3x44	Do	15x34 4x3x44	Do
	Material .....	Steel		Steel		Steel		Steel		Steel	
* FORE AND AFTERS.	Number .....										
	Section and Scantlings .....			No. Fore & afters.							
	Material .....										
HATCHES Thickness .....		2 1/2"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	2 1/2"
Remarks .....				Solid		Covers					

\* 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 state vertical distance from top of deck at side amidships to lower edge of lowest side scuttle.)

tion 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.

of the Bridge Sheerstrake? Strake between Main and Bridge Sheerstrakes?

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

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

Bulwarks in well

reeing Ports required by Para. 11 (e) each side of vessel =

Sq. ft.

is. Ft. Tenths. No.

x x  
 x x

Freeing Ports  
(each side of vessel)

Sq. ft.

Total deficiency or excess =

Sq. ft.

line of Floors or Tank Top with position of any Breaks in same; also height of Peak Tank tops, &c., &c.

struction of the Vessel

Cellular Double Bottom. This is a Sister vessel  
"Gk. Hk. Rpt. No 17742. In this case ceiling has been fitted over  
ed to burn oil fuel. App. Plans of M.S. & Profile herewith for refer



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