

Lloyd's Register of British & Foreign Shipping.

SURVEYS FOR FREEBOARD.—STEAM SHIPS.

23698

ARTICULARS 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 Ardrossan
Date of Survey When building
Name of Surveyor Harry B. Farrar

Ship's Name <u>Maorian B.S. & S.B. Co. No. 259 - of Robina</u>	Port of Registry and Nationality. <u>Morecambe British</u>	Official Number. <u>135726</u>	Gross Tonnage. <u>306</u>	Date of Build. <u>1914</u>	Particulars of Classification. <u>+ A Irish Channel Service (contemplated)</u>
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LENGTH. <u>159.6</u>	BREADTH. <u>26.1</u>	DEPTH. <u>8.85</u>	UNDER DECK TONNAGE. <u>241.78</u>
<u>160.0</u>	Frame Depth Rule <u>4</u> Ceiling <u>None</u> Sheer <u>✓</u> <u>1</u> deck floor <u>- .16</u> under engine	Peak <u>ruled</u> Tanks <u>None</u>	
<u>160.0</u>	<u>26.0</u>	<u>8.85</u>	<u>241.78</u>

Moulded Depth as measured..... 9'6"
 $\frac{10-02}{1-1\frac{1}{2}} = 8-11$

NOTE.—If the depth is measured when vessel is afloat, the details of measurement should be reported.

fineness..... .658 ✓
 on necessary }
 to (e)* }
 corrected658 ✓

CORRECTION FOR LENGTH.

Length of Ship on Loadline..... 160 ✓
 Length in Table 114 ✓
 Difference 46 ✓
 Correction for 10ft., Table A.8 Table C.
 × Difference divided by 10 3.68 (if required.)
 If $\frac{1}{10}$ ths length covered divide by 2 3.68 = +3 $\frac{3}{4}$

33" } 50" ÷ 2 = 25" Mean
 17" }
 the length from { Stem 18 $\frac{1}{2}$ } 27 $\frac{1}{2}$ ÷ 2 = 13 $\frac{3}{4}$ Mean
 Sternpost 9 }
 Sheer 25 ✓
 Sheer [Table, Para. 18] 26 ✓ Correction
 Difference..... 1.0 ÷ 4 = + $\frac{1}{4}$ ✓
 as Para. 18 (f).....

CORRECTION FOR IRON DECK.

Proportion covered, if less than $\frac{1}{10}$ ths length covered
 Thickness of usual wood deck, less stringer
2 $\frac{1}{4}$ " sheathing on part steel deck

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships..... 26'0"
 Round of Beam 6 $\frac{1}{2}$
 Normal round..... 6 $\frac{1}{2}$
 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.

er { At front of bridge house..... ✓
 ips {
 [At after end of forecastle
 er } ÷ 2 = ✓
 2) }
 ered Correction

Freeboard, Table A 1 .. 3 ✓
 Correction for Sheer + $\frac{1}{4}$ ✓
1 .. 3 $\frac{1}{4}$
 Correction for Length + 3 $\frac{3}{4}$ ✓
1 .. 4
 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 of {
 Para. 11 (d) and (e) † }
 Other Corrections (if any) side lights & scuttles 1 .. 0 ✓
2 .. 7

ALLOWANCE FOR DECK ERECTIONS:—
 Table C.....
 Length, if required (Para. 12, 13, and 14)
 Table A. corrected for sheer, and for length, }
 if required (Para. 12, 13, and 14) }
 below..... 12.5
 R. Q. Dk. if engine and boiler openings not }
 by bridge house (Para. 11) }
 Deck Erections

Winter Freeboard } 2 .. 7
 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 iron deck with side. } 1

Winter Freeboard from deck line } 2 .. 8
 Summer " " " " }
 Indian Summer " " " "
 N. A. Winter " " " "

Length.	Length allowed.	Height.
<u>62.0</u>	<u>30.0</u>	<u>7.0</u>
Qr. Dk.....		
	$\frac{30.0}{160.0} = .19$	
Ship		

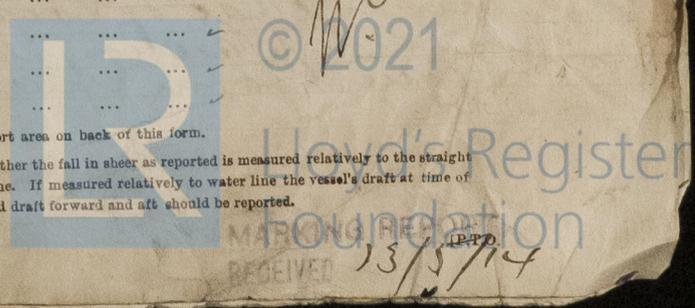
Freeboard recommended amidships from centre of Disc to top of Statutory Deck Line, Wood (Iron) Deck:—
 Fresh Water Line above centre of Disc
 Indian Summer Line " " "
 Winter Line below " "
 Winter North Atlantic Line " " "

2' 8" for all seasons
 2

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

† 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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Do all the Frames extend to the top height in the Poop? Raised Quarter Deck? Bridge House *yes* Forecastle?

To what height do the Reverse Frames extend? *Single frame angle.*

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? Has the Bridge House an efficient Bulkhead at the fore end? *None*

Give particulars of the means for closing the openings in Bulkhead *No means*

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

Give scantlings and spacing of the Stiffeners

Are bracket plates fitted at each end of the Stiffeners? Are hor'l. brackets fitted connecting Bridge Bulk'd. with Bulwarks? *None*

Has the Bridge House an efficient Iron Bulkhead at the after end? *None*

How are the openings closed? *open*

Is the Forecastle at least as high as the main or top-gallant rail? 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? *Steel deck house*

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:— *No hatchways*

Position and Size.		Ship.	Rule.								
Item.											
COAMING.	Height above top of DECK										
	Thickness { Sides..... Ends.....										
SHIFTING BEAMS OR WEB PLATES.	Number										
	Section and Scantlings										
	Material										
* FORE AND AFTERS.	Number										
	Section and Scantlings										
	Material										
HATCHES Thickness											
Remarks.....											

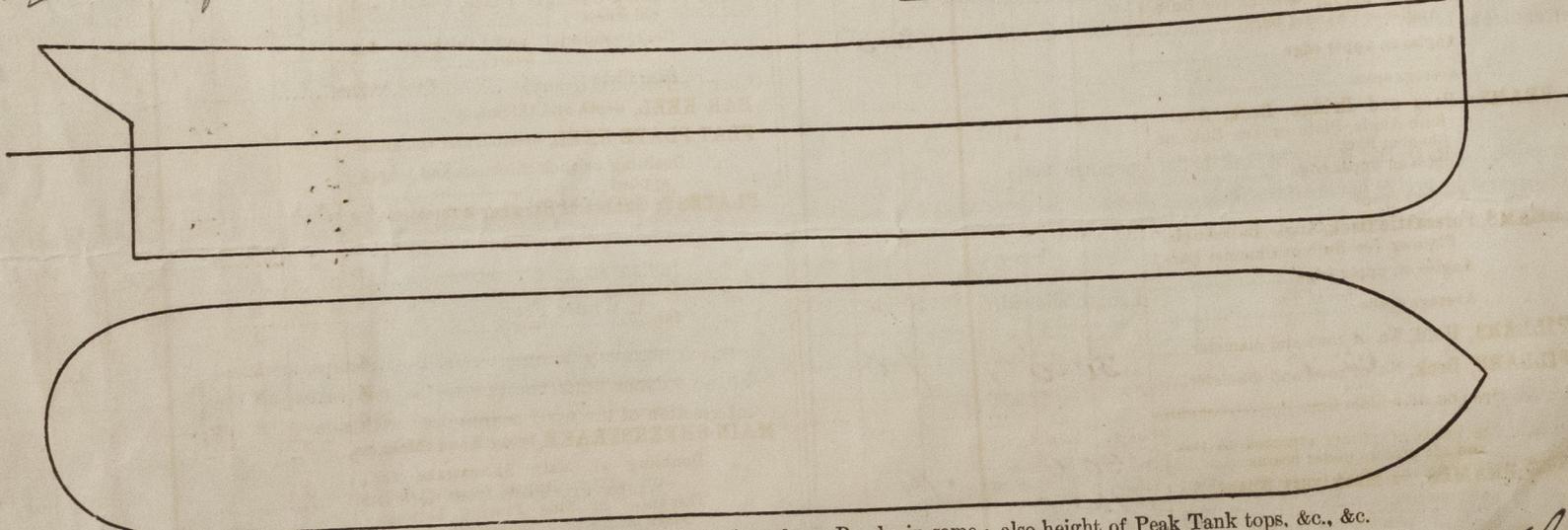
* When the Fore and Afters are of wood the depth should be stated from the underside of the hatches.
(If the sill of the lowest side scuttle will be less than 6 inches above the Indian Summer Load Line if assigned under the tables, state vertical distance from top of deck at side amidships to lower edge 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? _____ Strake between Main and Bridge Sheerstrakes? _____

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.

9'-6" mid
2 1/2 stringer + deck
9'-8 1/2
2-1 Side light
7-7 1/2
6 clearance
7-1 1/2 mid draft.

Length of Bulwarks in well	=	Sq. ft.
Area of Freeing Ports required by Para. 11 (e) each side of vessel	=	Sq. ft.
Ft. Tenth. Ft. Tenth. No.		
x x		
x x		
Freeing Ports (each side of vessel)	=	Sq. ft.
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 *Midship Dk House 113' 0" x 16' 0", the shell plated at sides amidships for 62' 0". Distance of lower edge of lowest side light 2' 1" below main deck. The midship section profile and deck plans are enclosed for reference. Request form & particulars of scantlings attached.*

Owners _____
Address _____
Fee £ _____
Received by me _____

