

B.A. Form 3pt. 11c.
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Index No. 31079
(For London Office only.)

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.

PARTICULARS IN RESPECT OF STEAM SHIPS HAVING SPAR OR AWNING DECKS. Port of Survey _____
Date of Survey 18th Oct. 1923.
Name of Surveyor _____

Messrs A. Stephen & Co. No. 503

Ship's Name.	Port of Registry and Nationality.	Official Number.	Gross Tonnage.	Date of Build.	Particulars of Classification.
_____	_____	_____	_____	_____	<u>1100 A.1 with freeboard contemplated</u>

Registered dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK Tonnage.
	<u>220.0</u>	<u>35.14</u>	<u>20.5 to U.D.</u>	
Length on LOADLINE		Frame Depth Rule	<u>6'</u>	Peak Tanks
			<u>Ceiling fitted</u> <u>Sheer +.19</u> <u>5' Drop in Tank +.20</u>	
CORRECTED DIMENSIONS.	<u>220.0</u>			

Moulded Depth as ^{given} measured	<u>15'-0"</u>	Main Deck.	<u>22-6</u>
" " "	<u>22-6</u>	Upper Spar or Awning Deck.	<u>23-2 3/4</u> <u>2-8</u> <u>20-6 3/4</u>

Co-efficient of fineness
Any modification necessary [Para. 4 (a) to (e)*] }
Co-efficient as corrected70 as given provisionally

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 Load Line....	<u>220</u>
Length in Table.....	<u>180</u>
Difference.....	<u>40</u>
Correction for 10ft.....	<u>.5</u>
× Difference ÷ 10 =	<u>2.0 + 2'</u>

Allowance for strength in excess of Lloyd's rules =

State particulars—

Height of 'Tween Decks..... 7-6
(From top of beam to top of beam at side)
Correction for Height of 'Tween Decks in Spar-decked Ships.....

(2 1/2" Wood DK on Upper
2 1/2" Sheathing + 2"
3 1/2 Rule Wood DK.)

Mean 21.5 × .53 = 39.09
32.00
3614.09
.19
Mean 39.0

Sheer at Stem 48 } 78 at 1/3 length from Stem 26.5 } 43
Sternpost... 30 } " " " Sternpost... 16.5 }

Drop in Sheer abaft amidships.....

Freeboard Table B or C	<u>0-6 1/2</u>
Correction for Length.....	<u>+ 2</u>
Correction for Height of 'Tween Decks in Spar-decked Ships.....	<u>0-8 1/2</u>
<i>from rule thickness on 2nd Deck to top of wood sheathing on Upper Deck.</i>	<u>7-5</u>
Correction for Strength in excess of Lloyd's rules.....	<u>8-1 1/2</u>

Round of Spar-deck Beam.....
" " Main-deck

Length × Height. State if open or closed at ends.

Forecastle ×
Bridge..... ×
'oop..... ×

Complete Superstructure

Correction for Iron Deck if required..... ✓
Other Corrections (if any).....

Winter Freeboard..... 8-1 1/2 ✓
Summer Freeboard..... 7-11 1/2 ✓
Indian Summer Freeboard.....
N. A. Winter Freeboard.....

NOTE.—All vessels equal in strength to Lloyd's Spar-decked rule, or which, although in excess of that rule, do not come up to Lloyd's requirements for Ships of full scantlings to the upper deck, are to be considered as Spar-decked Ships, the freeboard for which will vary with their strength.
All vessels equal in strength to Lloyd's Awning-decked rule, or which, although in excess of that rule, do not come up to Lloyd's requirements for a Spar-decked Vessel, are to be considered as Awning-decked Ships, the freeboard for which will vary with their strength.
* If the frames, skin planking, or ceiling are of unusual thickness the breadth of vessel to inside of ceiling should be reported if possible.

Correction necessary because clearside amidships measured in accordance with the Statute is not taken at intersection of the wood or steel deck with side } + 1 1/2"

Winter Freeboard from Deck Line	<u>8-3</u>
Summer " " "	<u>8-1</u>
Indian Summer " "	
N.A. Winter " "	

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

Fresh Water Line	above centre of Disc
Indian Summer Line	" " "
Winter Line	below " " "
Winter North Atlantic Line	" " "

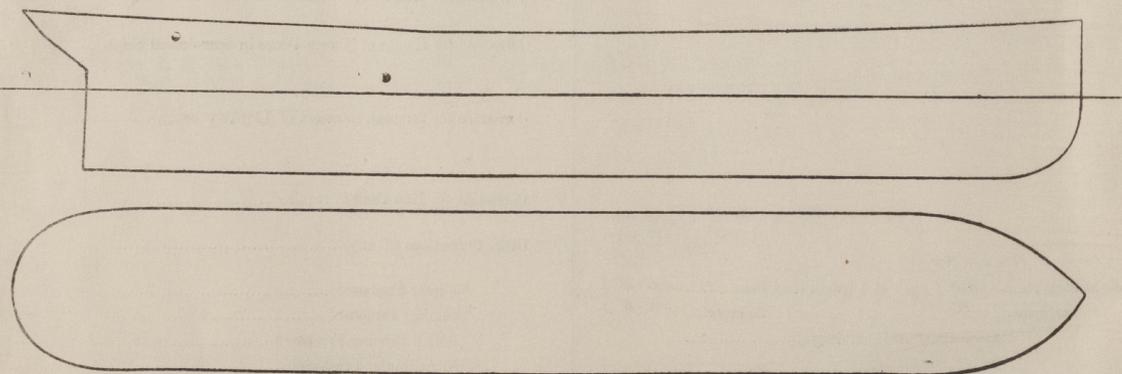
Do all the Frames extend to the top Height in the Spar deck? Awning deck?
 Do all the Frames extend to the top height in the Poop? Bridge House? Forecastle?
 To what height do the Reverse Frames extend?
 Has the Poop an efficient Iron Bulkhead at the fore end?
 Give particulars of the means for closing the openings in Bulkhead
 Is the Poop connected with the Bridge House? Has the Bridge House an efficient Bulkhead at the fore end?
 Give particulars of the means for closing the openings in Bulkhead
 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?
 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 Bulk'd. at after end?
 Are the Engine and Boiler openings covered by a Bridge, Poop, {
 or enclosed by a Strong Iron or Steel Deckhouse?
 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?

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:—

Position and Size.	Item.	Ship.	Rule.								
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.)



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

Builder's name and yard number
 Names of sister vessels
 Owners
 Address
 Fee: _____ Received by me _____

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Equivalent mid. depth to give desired draught of 13-1/2

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SURVEYS FOR FREEBOARD.

PARTICULARS IN RESPECT OF STEAM SHIPS HAVING SPAR OR AWNING DECKS.

Messrs A. Stephens & Sons No. 503

Port of Survey _____
 Date of Survey 13/10/23
 Name of Surveyor _____

Ship's Name.	Port of Registry and Nationality.	Official Number.	Gross Tonnage.	Date of Build.	Particulars of Classification.
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Registered dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK Tonnage.
Length on LOADLINE		Frame Depth Rule "	Ceiling Sheer	Peak Tanks
CORRECTED DIMENSIONS.	<u>220.0</u>			

Moulded Depth as measured 13-3 Main Deck.
 " " " 20-9 Spar or Awning Deck.

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.

Co-efficient of fineness
 Any modification necessary [Para. 4 (a) to (e)*] }
 Co-efficient as corrected70 8men from original

CORRECTION FOR LENGTH:—

Length of Ship on Load Line....	<u>220.0</u>
Length in Table.....	<u>159.0</u>
Difference.....	<u>61.0</u>
Correction for 10ft.....	<u>3.05</u>
× Difference ÷ 10 =	<u>+ 3" ✓</u>

Allowance for strength in excess of Lloyd's rules =

Height of 'Tween Decks..... 7'-6
 (From top of beam to top of beam at side)
 Correction for Height of 'Tween Decks in Spar-decked Ships.....

State particulars—

Freeboard Table B or C.....	<u>0 - 4/4 ✓</u>
Correction for Length.....	<u>+ 3</u>
Standard	<u>0 - 4/4 ✓</u>
Correction for Height of 'Tween Decks in Spar-decked Ships.....	<u>+ 4 - 6</u>
	<u>8 - 1/4 ✓</u>

Sheer at Stem..... at 1/4 length from Stem.....
 Sternpost... " " " Sternpost...
 Drop in Sheer abaft amidships.....

Correction for Strength in excess of Lloyd's rules.....

Correction for Iron Deck if required..... - 3
 Other Corrections (if any)..... 4 - 10 1/4

Round of Spar-deck Beam.....
 " " Main-deck ".....

Winter Freeboard.....	<u>4 - 10 1/2</u>
Summer Freeboard.....	<u>7 - 8 1/2</u>
Indian Summer Freeboard.....	
N. A. Winter Freeboard.....	

	Length × Height.	State if open or closed at ends.
Forecastle.....	×	
Bridge.....	×	
Poop.....	×	

Correction necessary because clearside amidships measured in accordance with the Statute is not taken at inter-section of the wood or steel deck with side + 1/2

Winter Freeboard from Deck Line.....	<u>8" 0</u>
Summer " " ".....	<u>7 - 10</u>
Indian Summer " " ".....	
N.A. Winter " " ".....	

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

Fresh Water Line above centre of Disc	<u>20 - 9</u>
Indian Summer Line " " ".....	<u>1 1/2</u>
Winter Line below " " ".....	<u>20 - 11</u>
Winter North Atlantic Line " " ".....	<u>7 - 10</u>

NOTE.—All vessels equal in strength to Lloyd's Spar-decked rule, or which, although in excess of that rule, do not come up to Lloyd's requirements for Ships of full scantlings to the upper deck, are to be considered as Spar-decked Ships, the freeboard for which will vary with their strength. All vessels equal in strength to Lloyd's Awning-decked rule, or which, although in excess of that rule, do not come up to Lloyd's requirements for a Spar-decked Vessel, are to be considered as Awning-decked Ships, the freeboard for which will vary with their strength.

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Equivalent depth say 13-4
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