

Lloyd's Register of Shipping

VEYS FOR FREEBOARD STEAM SHIP

RELATING TO ALL STEAM SHIPS, WHETHER FLUSH DECKED, OR WITH FORECASTLES, SHORT POOPS AND BRIDGE HOUSES DISCONNECTED, OR WITHOUT GALLANT FORECASTLES HAVING LONG POOPS, OR RAISED QUARTER DECKS CONNECTED WITH BRIDGE HOUSES, OR OTHERWISE.

Port of Survey Sun
Date of Survey 2nd Dec
Name of Surveyor A. P. Smith

Ship's Name.	Port of Registry and Nationality.	Official Number.	Gross Tonnage.	Date of Build.	Particulars of Classification.
<u>STONEWALL BARTRAMS 253</u>	<u>NEW YORK U.S.A.</u>	<u>138729</u>	<u>5073</u>	<u>1920</u>	<u>+ 100 A-1 Contemplated</u>
Number in Register Book					

Registered dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	<u>400.00</u>	<u>52.25</u>	<u>28.50</u>	<u>4803.23</u>
Length on Loadline.	<u>400.00</u>	Frame Depth <u>10</u> No Ceiling <u>+ .20</u> Peak } incl. Rule " <u>6</u> Sheer <u>+ 1.124</u> Tanks <u>2x4 = 66 ft</u> <u>CARGO BRITENS FITTED</u>		
CORRECTED DIMENSIONS.	<u>400.00</u>	<u>51.59</u>	<u>29.824</u>	<u>4803.26</u>

Co-efficient of fineness..... .78
Any modification necessary }
[Para. 4 (a) to (e)]* }
Co-efficient as corrected76

Stem..... 120 } 180 ÷ 2 = 90 ... Mean 50.12
Sternpost ... 60 } .55 = 91.12

Sheer at $\frac{1}{2}$ of the length from { Stem 67.25 } 100.25 ÷ 2 = 50.12 ... Mean
Sternpost 33.00
Gradual mean Sheer 90 + 91.12
Standard mean Sheer [Table, Para. 18] 90.56 Correction
Difference..... 50.00
40.56 ÷ 4 = 10.14
If limited as Para. 18 (f) Say - 10.14

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 =
Uncovered Correction

ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C..... 4 - 9 1/2
Correction for Length, if required (Para. 12, 13, and 14) + 2 1/4
4 - 11 3/4
Freeboard by Table A, corrected for sheer, and for length, }
if required (Para. 12, 13, and 14) } 7 - 5 1/4
Difference 2 - 5 1/2
Percentage as below..... 31.05% of 29.5 = 9.16
Say 9 1/4

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..... <u>39.0</u> + <u>4 9" overhang</u>		<u>41.12</u>	<u>8.0</u>
Bridge House <u>11.4</u> <u>9" overhang</u> each end		<u>117.93</u>	<u>8.0</u>
† Raised Qr. Dk..... ✓			
Poop..... <u>35.5</u>		<u>35.50</u>	<u>8.0</u>
Total		<u>194.55</u>	
Length of Ship		<u>400.00</u>	<u>= 4864</u>

Corresponding percentage (Para. 41, 12, 13, or 14) 31.05%

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 from amidships

Moulded Depth as measured..... 31'-0"
Addition for Keel below base line for draught record..... 2 1/2 inches.

CORRECTION FOR LENGTH.
Length of Ship on Loadline..... 400.00
Length in Table 372.00
Difference 28.00
Correction for 10ft., Table A. 1.6 Table C. .8
× Difference divided by 10 4.48 (if required.)
If $\frac{1}{10}$ ths length covered divide by 2 Say + 4 1/2

CORRECTION FOR IRON DECK.
Proportion covered, if less than $\frac{1}{10}$ ths length covered 48.64
Thickness of usual wood deck, less stringer 3 1/2 Say - 1 1/4

CORRECTION FOR ROUND OF BEAM.
Breadth at Gunwale amidships..... 51.00
Round of Beam 13"
Normal round..... 12 1/4
Difference 1/4 ÷ 2 =
Proportion of Deck uncovered (Para. 19)

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 of }
Para. 11 (d) and (e) † }
Other Corrections (if any)

Winter Freeboard 6 6 1/4
Summer Freeboard - 5 1/2 6 - 0 3/4
Indian Summer Freeboard - 5 1/2 5 - 7 1/4
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.

Winter Freeboard from deck line 6
Summer " " " 6
Indian Summer " " " 5
N. A. Winter " " "
Steel Deck (Iron) Deck:— 6 - 2 1/2

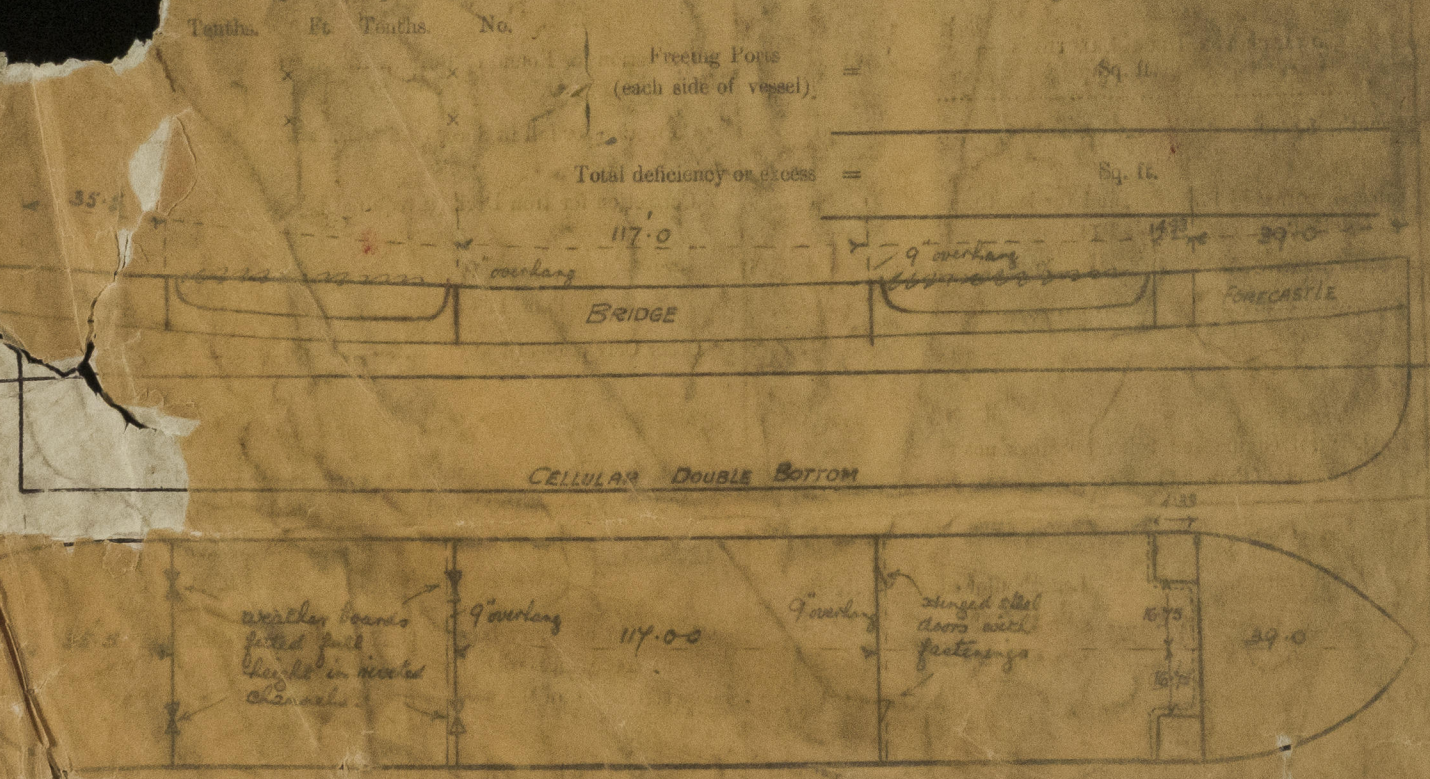
Dimension of port area on back of this form.
Sheer as recommended to be measured relatively to the straight line V

250-01500-052

Light in the Poop? *Yes* Raised? *Yes* Bridge House? *Yes*
 Extend? *Steel* Bulkhead? *Yes*
 an efficient Iron Bulkhead? *Yes*
 closing the openings in Bulkhead? *Yes*
 Deck connected with the Bridge House? *Yes*
 means for closing the openings in Bulkhead? *Two 8' x 10' hinged steel doors*
 thickness of the Bridge Front plating? *44* and Coaming plate? *14*
 Give scantlings and spacing of the Stiffeners? *9 x 32 x 36 Spaced about 30" apart*
 Are bracket plates fitted at each end of the Stiffeners? *Yes* Are horizontal brackets fitted connecting Bridge Bulkhead with Bulkheads? *Yes*
 Has the Bridge House an efficient Iron Bulkhead at the after end? *Yes*
 How are the openings closed? *Two openings closed with weather boards fitted full height in rounded ch*
 Is the Forecastle at least as high as the main or top-deck rail? *8'-0"* Has the Forecastle an efficient Iron or Wood Bulk'd. at after end? *Yes*
 Are the Engine and Boiler openings covered by a Bridge, Poop, Raised Quarter Deck, or enclosed by a Strong Iron or Steel Deckhouse? *By bridge*
 If the openings are not so protected, are the exposed parts of the Casings efficiently constructed?
 Give thickness of plating, scantling and spacing of Stiffeners.
 What is the height of the exposed Casings? *7'-6"* 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 Regulation 28 of the Rules for 1904-5? Give particulars below:—

Position and Size		No 1 30'4" x 20'0"		No 2 30'4" x 20'0"		No 3 30'4" x 20'0"		No 4 30'4" x 20'0"			
Item.		Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
COAMING	Height above top of Deck	30	24	30	24	30	24	30	24		
	Sides	54		54		54		54			
	Base	44		44		44		44			
SHIPPING BEAMS OR WEB PLATES	Number	3		5		5		5			
	Section and Spacing	PLATE 19 x 36				SAME AS No 1.					
	Material	ANGLES 4 x 3 x 48									
LODS AND AFTERS	Number										
	Section and Spacing										
	Material										
TONGUE THICKNESS	Number										
	Section and Spacing										
	Material										
TONGUE THICKNESS		5" steel Satisfactory									

* The depth of Fore and Afters should be stated from the underside of the hatches in all cases.
 the sill of the lowest side scuttle will be less than 8 inches above the Indian Summer Load Line if used (under the
 distance from top of deck at side amidships to lower edge of lowest side scuttle.)
 Cases of vessels dealt with under Paras. 11, 12 (under 15 feet molded depth) and under the Bridge Sheerstrake.
 Strake between Main and Bridge Sheerstrakes.
 The crew are not berthed in the bridge house.
 arrangements to enable them to get backwards and forwards from their quarters are, are not satisfactory.
 length of Bulkhead in cell.
 of Freeing Port required by Para. 11 (c) each side of vessel =
 Tons. Ft. Tons. No.



State any special features in the construction of the Vessel. This vessel is a sister vessel to S.S. "Belmont" and S.S. "Sunderland".
 and S.S. "Sunderland".
 request for is forwarded herewith. Copies of the approved plans are
 Own
 Add