

Lloyd's Register of British & Foreign  
SURVEYS FOR FREEBOARD. STEAM SHIPS

CLASSES RELATING TO ALL STEAM SHIPS, WHETHER FLUSH-DECKED, OR WITH  
ALLANT FORECASTLES, SHORT POOPS AND BRIDGE HOUSES DISCONNECTED, OR  
TOP GALLANT FORECASTLES HAVING LONG POOPS, OR RAISED QUARTER DECKS  
CONNECTED WITH BRIDGE HOUSES, OR OTHERWISE.

Port of Survey *Bullseye, N.Y.*  
Date of Survey *Nov. 1912*  
Name of Surveyor *Blumenthal*

Ship's Name *S.M.* Port of Registry *New York* Official Number *210617* Gross Tonnage *4746.54* Date of Build *1912* Particulars of Classification *4100 A.I. Steel. Carrying petroleum in bulk.*  
Register Book *14 Supp.* U.S.A.

LENGTH.	BREADTH.	DEPTH.	UNDER DECK Tonnage.
<i>370</i>	<i>52.1</i>	<i>27.0</i>	<i>4203</i>
<i>370</i>	<i>52.22</i>	<i>26.28</i>	<i>4221</i>

Fineness *83.*  
Correction necessary (a) to (e) *Cell 5B*  
Corrected *81.82* *Height in Tables*

Post *38* *84*  $\div 2 = 42$  Mean  
the length from { Stem *14* } *23*  $\div 2 = 11.5$  Mean  
Sternpost *9*  
Sheer *20.9*  $\div 55 = 20.9$   
Sheer (Table, Para. 18) *47.* Correction  
Difference *26.1*  $\div 4 = +6.52$   
Para. 18 (f)

At front of bridge house *No. 48 and 130*  
At after end of forecastle *24*  
 $\div 2 =$   
Correction

ALLOWANCE FOR DECK ERECTIONS:—  
Table C *4.5 1/2*  
Length, if required (Para. 12, 10, and 14) *4.6 1/4*  
Table A, corrected for sheer, and for length, if required (Para. 12, 10, and 14) *8.5 1/2*  
*3.10 3/4*  
below *25.98 1/4*

or R. Q. Dk. if engine and boiler openings not  
by bridge house (Para. 11) *12 1/2*  
or Deck Erections  
Length *30.0* *18.0* *30.0* Height *7.9*  
*25.5* *25.5* *7.9*  
Dk. *97.75* *97.75* *7.9*  
Ship *370.* *153.25* *414.1*

Boarding percentage *25.98*  
BOARD 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 " " *Amended Tables*  
Winter Line below " *March, 1906*  
Winter North Atlantic Line " " "

Moulded Depth as measured *30.0*  
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 *370*  
Length in Table *360*  
Difference *10*  
Correction for 10ft., Table A. *1.5* Table C.  
 $\times$  Difference divided by 10 *1.5* (if required.)  
If  $\frac{1}{10}$ ths length covered divide by 2 *1.5*  
*+ 1 1/2* *+ 3/4*

CORRECTION FOR IRON DECK.  
Proportion covered, if less than  $\frac{1}{10}$ ths length covered *.414*  
Thickness of usual wood deck, less stringer *3 1/2*  
Correction *= -1 1/2*

CORRECTION FOR ROUND OF BEAM.  
Breadth at Gunwale amidships *52*  
Round of Beam *13*  
Normal round *13*  
Difference *2*  
Proportion of Deck uncovered (Para. 19)

Freeboard, Table A *7.9 1/2*  
Correction for Sheer *+ 6 1/2*  
Correction for Length *8.5 1/2*  
Allowance for Deck Erections *1.0 1/4*  
Correction for Round of Beam *7.5 1/4*  
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)  $\frac{1}{2}$   
Other Corrections (if any)

Winter Freeboard *7.3 1/4*  
Summer Freeboard *16.10 3/4*  
Indian Summer Freeboard *6.5 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. *+ 1 1/2*

Winter Freeboard from deck line *7.5 1/4*  
Summer " " " *7.0 1/4*  
Indian Summer " " " *6.0*  
N.A. Winter, " " " *7.0*  
Steel *7.0* *7.0* *6* *5* *5*

† 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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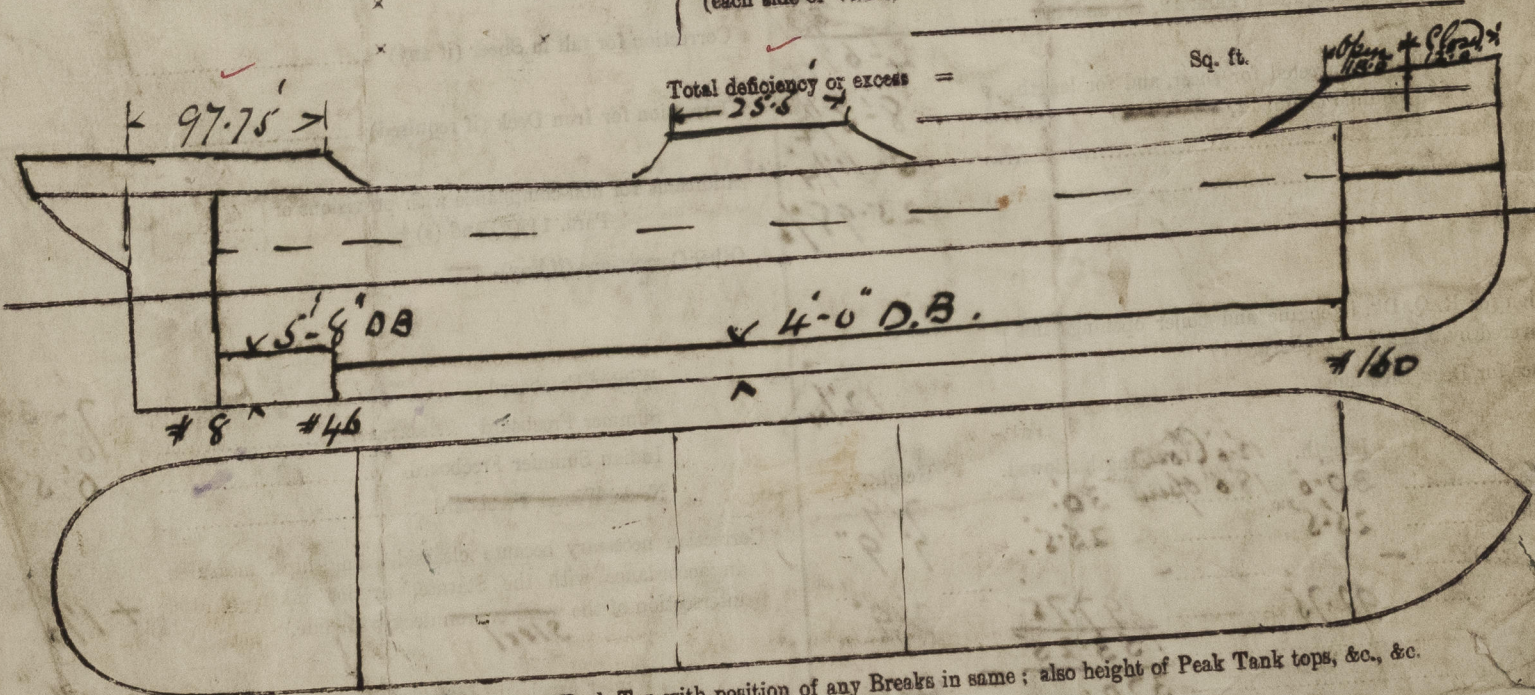
Height in the Poop? *Yes* Raised Quarter Deck? *Yes* Bridge House? *Yes* Forecastle? *Yes*  
 Does extend? *Channel frames to upper deck.*  
 an efficient Iron Bulkhead at the fore end? *Yes*  
 for closing the openings in Bulkhead. *None* Has the Bridge House an efficient Bulkhead at the fore end? *Yes*  
 Deck connected with the Bridge House? *No*  
 Give particulars of the means for closing the openings in Bulkhead *Steel hinged doors fitted*  
 What is the thickness of the Bridge Front plating? *.392* and Coaming plate? *.441*  
 Give scantlings and spacing of the Stiffeners *7"x3.45"x3.45"x4.5" spaced 30" and fitted on exposed side of bulkhead*  
 Are bracket plates fitted at each end of the Stiffeners? *On lower end* Are hor'l. brackets fitted connecting Bridge Bulk'd. with Bulwarks? *Yes*  
 Has the Bridge House an efficient Iron Bulkhead at the after end? *Yes*  
 How are the openings closed? *Steel hinged doors fitted* Has the Forecastle an efficient Iron or Wood Bulk'd. at after end? *As per sketch*  
 Is the Forecastle at least as high as the main or top-gallant rail? *Yes*  
 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 a poop.*  
 If the openings are not so protected are the exposed parts of the Casings efficiently constructed? *Yes*  
 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.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
Item.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
COAMING.								
Height above top of DECK	31"	24"	24"	24"	Oil Tank 3'0" extending from frames 53 to 155.			
Thickness { Sides.....	4/16	3/16	4/16	3/16				
{ Ends.....	4/16	3/16	4/16	3/16				
SHIFTING BEAMS OR WEB PLATES.								
Number.....								
Section and Scantlings.....								
Material.....								
FORE AND AFTERS.								
Number.....	Patent be sunset hatch covers fitted on coaming hatch and side hatches. Blue print was forwarded.							
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.

Length of Bulwarks in well = *97.75'* Sq. ft.  
 Area of Freeing Ports required by Para. 11 (e) each side of vessel = *25.5'* Sq. ft.  
 Ft. Tenths. Ft. Tenths. No. } Freeing Ports (each side of vessel) = *160* Sq. ft.  
 Total deficiency or excess = *25.5'* 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 *Carrying petroleum in bulk, machinery*  
*ft.*

Owners *Cuba Distilling Co.*  
 Address *O'Reilly St. Havana, Cuba.*

Fee *4/*

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