

25592.

Port of Survey *Philadelphia*
Date of Survey *While Building*
Name of Surveyor *R. D. Cairns.*

Ship's Name.

Official
Number.

Gross
Tonnage.

Date of Build.

Particulars of Classification.

+100 A.I. "Carrying Petroleum
in bulk" (Contemplated)

Number in Register Book

Moulded Depth as measured..... 33' 3" ✓

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.....	430.0'	-
Length in Table	399.0'	-
Difference	31.0'	-
Correction for 10ft. Table A.	1.65	Table C. .8 ✓
× Difference divided by 10	5.11 ✓	(if required.) 2.48 ✓
If $\frac{1}{10}$ ths length covered divide by 2	+5.11 ✓	+2.48 ✓

CORRECTION FOR IRON DECK.

Proportion covered, if less than $\frac{7}{10}$ ths length covered 488
Thickness of usual wood deck, less stringer 469 = 3.31
1.61 - 13

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships.....	59	
Round of Beam	14 ³ / ₄	
Normal round.....	14 ³ / ₄	
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.

Freeboard, Table A	9-1.25	9-1 1/4 ✓
Correction for Sheer	<u>1.84</u>	+ 1 3/4
	9-3.09	9-2 3/4 3
	5.11	+ 5
Correction for Length	<u>9-8.20</u>	9-7 1/4 8
	1-1.40	- 1-1 3/4 3/4
Allowance for Deck Erections	8-6.50	8-6 1/4 ✓

ALLOWANCE FOR DECK ERECTIONS :—

Correction for Round of Beam..... ✓

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

Correction for Iron Deck (if required) $\frac{1.61}{8-4.89}$ ✓

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

Other Corrections (if any) ✓

Para. 11 (d) and (e) ☐ ☐ ☐

Corrections (if any)

Correction for R. Q. Dk. if engine and boiler openings not
covered by bridge house (Para. 11)

Allowance for Deck Erections 13.90

Winter Freeboard	8-4 $\frac{3}{4}$ ✓
Summer Freeboard	7-10 $\frac{3}{4}$ ✓
Indian Summer Freeboard	7-4 $\frac{3}{4}$ ✓
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~~ ^{steel} deck with side.

Corresponding percentage } 31.16 % ✓
(Para. ~~11~~, 12, 13, or 14)

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

5. 2. 18.	Fresh Water Line	above	centre of Disc
	Indian Summer Line	"	" "
	Winter Line	below	" "
	Winter North Atlantic Line	"	" "

Winter Freeboard from deck line	8-6 $\frac{1}{2}$ ✓
Summer " " " "	8-0 $\frac{1}{2}$ ✓
Indian Summer " " " "	7-6 $\frac{1}{2}$ ✓

+ 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.

‡ 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.

1m, 11, 15, T.

RECEIVED

RECOVER 23 3 18

Do all the Frames extend to the top height in the Poop? *Yes* Raised Quarter Deck? *Yes* Bridge House? *Yes* Forecastle? *Yes*
 To what height do the Reverse Frames extend? *Longitudinal Framing*
 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 *Two openings 5'3" x 3'11" closed with bolted plates Bolts 3' apart through Bulkhead plate doors made watertight*
 Is the Poop or Raised Quarter Deck connected with the Bridge House? *No* Has the Bridge House an efficient Bulkhead at the fore end? *Yes*
 Give particulars of the means for closing the openings in Bulkhead *No openings*
 What is the thickness of the Bridge Front plating? *1/4"* and Coaming plate? *1/2"*
 Give scantlings and spacing of the Stiffeners *10 x 3 1/2 x 3 1/2 x 3 1/2" C 43" apart in line Surveys to 10' from fore end with deck longitudinals*
 Are bracket plates fitted at each end of the Stiffeners? *Yes* 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? *Two openings 5'3" x 3'11" The closed with steel hinged doors w.t. the other with bolted plate, bolts 3' apart through Bulkhead plate doors made watertight*
 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? *Side house*
 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 Poop & Casings on top of same*
 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? *Yes* 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:—

Position and Size.	10' 8 1/2" x 15' 3"		9' 6" x 11' 4" oil hatch		5' 6" x 4' 0" oil hatch		Coal hatch on Poop			
Item.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
COAMING.										
Height above top of DECK	30	30	Steel hinged covers		30		30			
Thickness { Sides.....	.44	.44	fastened with		.375		.44	.44		
Ends.....	.44	.44			.375		.44	.44		
SHIFTING BEAMS OR WEB PLATES.			Drop bolts spaced about 15' apart		Steel hinged covers		Steel			
Number			Cross .38 thick		38 thick stiffened		16 x 12			
Section and Scantlings					fastened with drop bolts about 12' apart					
Material										
* FORE AND AFTERS.										
Number	3									
Section and Scantlings	14 x 50									
Material	Steel									
HATCHES Thickness	3	3					3			
Remarks.....										

* 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 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

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

Sq. ft.

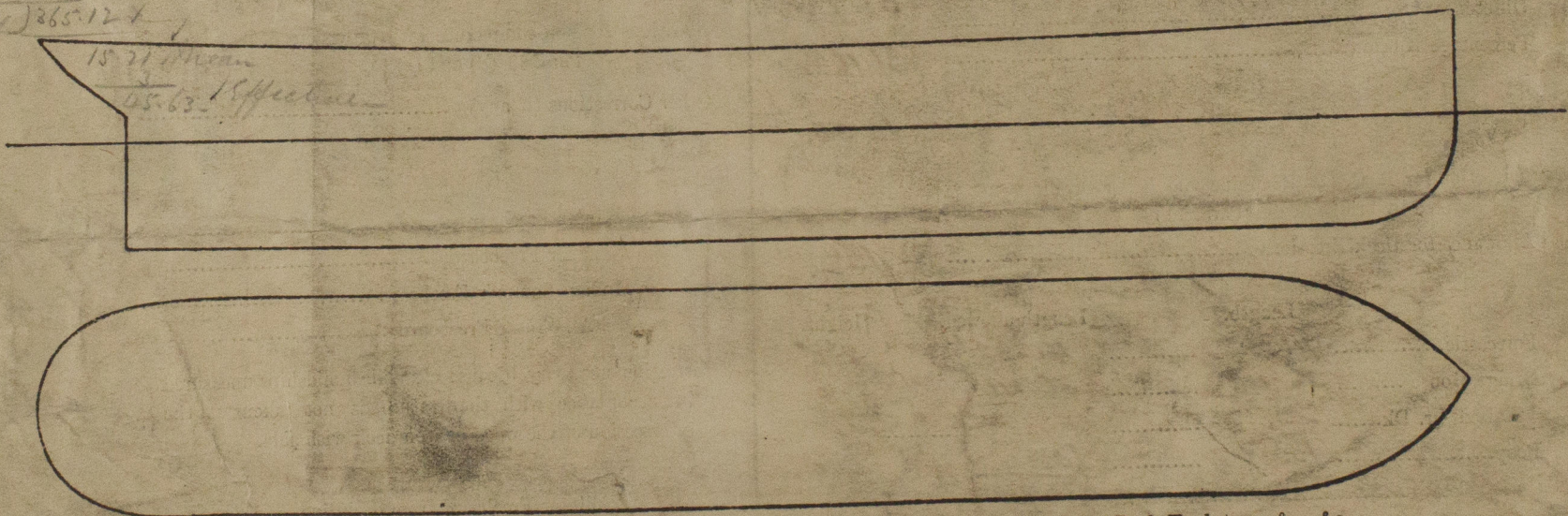
Ft. Tenths. Ft. Tenths. No.

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

This vessel is built on the longitudinal system & is a Sister Vessel to the S.S. "Chester Sun" P&O. Rpt No 2689. Copies of the App'd plans are in the London Office. Inboard Request herewith. Sketch of Sheer Curve also enclosed herewith.

Owners *Sun S.B. Chester*

Builder *Sun S.B. Chester*

Address *50, 100, 150, 200, 250, 300, 350, 400, 450, 500, 550, 600, 650, 700, 750, 800, 850, 900, 950, 1000*
 Fee *50* Received by me *10-10-5*



© 2020

Lloyd's Register Foundation