

Preliminary & Verification Report Rev 26.3.17 No 2030
 Lloyd's Register of British & Foreign Shipping.
 SURVEYS FOR FREEBOARD.—STEAM SHIPS.

25080

Particulars relating to all steam ships either flush decked, or with gallant forecastles, short poops and bridge houses disconnected, or top gallant forecastles having long poops, or raised quarter decks connected with bridge houses, or otherwise.

VIGORE

Ship's Name.	Port of Registry and Nationality.	Official Number.	Gross Tonnage.	Date of Build.
Hopden Evans	U.S.	214673	3253	1917
Number in Register Book N° 44 in Sup				
Length on Loadline	292.2	Frame Depth 8' 0" Rule " 5' 2" 2' 2" + 42" + 33" = 147.11	Ceiling + 20" Sheer + 29" Peak including all of the tanks aft of stern post	
CORRECTED DIMENSIONS.	292.2	47.11	27.39	2993.94

Co-efficient of fineness 80 (b)

Any modification necessary } [Para. 4 (a) to (e)*]

Co-efficient as corrected 80

Sheer { Stem... 70 1/2 } Standard 49.88
at Sternpost... 22 1/2 } 93 ÷ 2 = 46 1/2 Mean 36 1/2 10.66
Sheer at 1/8 of the length from { Stem 46 1/2 } 27.43
Sternpost 8 3/4 } 548 2 ÷ 2 = 55 = 49.88 Mean

Gradual mean Sheer

Standard mean Sheer (Table, Para. 18) 23.53 Correction
Difference..... 3.9 ÷ 4 = - 1 "

§ If limited as Para. 18 (f).....

Rise in Sheer { At front of bridge house.....
from amidships } At after end of forecastle

Fall in sheer } 1 1/2 ÷ 2 = 3/4
Para. 18 (d) } Length uncovered in 29.3 aft of 26 Correction + 3/4

ALLOWANCE FOR DECK ERECTIONS:

Freeboard, Table C.....
Correction for Length, if required (Para. 12, 13, and 14)
3' 9" - 3 1/4" 3 - 5 1/4"

Freeboard by Table A. corrected for sheer, and for length, if required (Para. 12, 18, and 14) } 6 - 4 1/4
2 - 10 1/4

Difference
Percentage as below..... 19.20%

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) } 6.67
Allowance for Deck Erections - 6 1/4

	Length.	Length allowed.	Height.
Forecastle.....	26' 0"	26' 0"	7' 6"
Bridge House		✓	✓
+ Raised Qr. Dk.....	61' 10"	✓	✓
Poop.....	61' 10"	61' 83"	
Total	87' 10"	87' 83" x 8 = 2.403	

Length of Ship Corresponding percentage } (Para. 11, 12, 13, or 14) 19.20%

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	" "

* ceiling are of unusual thickness the breadth of vessel inside possible.
deck erections under Para. 11 where the sheer drops abaft amidships the height of the top of the amidship beam should be taken from the level of the top of the amidship beam and mean sheer measured the sheer measured at the stem and stern posts, it means the sheer measured at points distant from the stem and stern-post.

Port of Survey Baltimore N.Y.
Date of Survey 25 Jan 1917
Name of Surveyor David Miller

Particulars of Classification
100 ft. Carrying lot, steaming bulk
Longitudinal framing
Coratoplasted

Moulded Depth as measured 28 1/2

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

addition for Keel below base line 1.32

CORRECTION FOR LENGTH.

Length of Ship on Loadline.....	292.2
Length in Table	337.5
Difference	45.3
Correction for 10ft., Table A.	1.425 Table C. . 7
× Difference divided by 10	6.45 (if required.) 3.17
If 1/10ths length covered divide by 2	- 6 1/2 - 3 1/4
.30	

Re G cover Expansion trunk 138/292.2 x 24/46.25 = .24

CORRECTION FOR IRON DECK.

Proportion covered, if less than 1/10ths length covered	50 .54
Thickness of usual wood deck, less stringer.....	3 1/2 = 1 3/4

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships..... 46.25

Round of Beam 11 2/4 in 47.0 11.5

Normal round

Difference

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

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

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.

Winter Freeboard from deck line

Summer

Indian Summer

N. A. Winter

* State dimensions of freezing port area
The Surveyor should state whether the line of keel or to the water line, survey, and also the usual load dra

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Does all the Frames extend to the top height in the Poop? ✓ Raised Quarter Deck? ✓ Bridge House ✓ Forecastle? ✓
 To what height do the Reverse Frames extend? ✓
 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 Two steel W. I. doors
 Is the Poop or Raised Quarter Deck 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 ~~Poop~~ Front plating? .38 and Coaming plate? .42
 Give scantlings and spacing of the Stiffeners 8x3½x8½x.50 flange spaced 30" apart
 Are bracket plates fitted at each end of the Stiffeners? Yes Are hor'l. brackets fitted connecting ~~Poop~~ Bulk'd. with Bulwarks? Yes
 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? Yes Has the Forecastle an efficient Iron or Wood Bulk'd. at after end? Yes
 Are the Engine and Boiler openings covered by a ~~Poop~~, Poop, Raised Quarter Deck, or enclosed by a Strong Iron or Steel Deckhouse? by Poop + steel deckhouse
 If the openings are not so protected are the exposed parts of the Casings efficiently constructed? Protected
 Give thickness of plating; scantlings and spacing of Stiffeners .38 and 4x3x3/5 angles spaced 30" apart
 What is the height of the exposed Casings? 4' 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 Section 28 of the Rules for 1904-5? Give particulars below:— Yes

Position and Size.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
Height above top of DECK										
Sides..... Thickness Ends.....										
COAMING										
Material										
Number Fore AND Aftwards										
Length of Bulwarks in well										
Area of Freeing Ports required by Para. 11 (e) each side of vessel	=									
Fr. Tenth.	Tenths.	No.								
Freeing Ports (each side of vessel)	=									
Total deficiency or excess	=									

* When the Fore and Afters are of wood the depth should be stated from the underside of the hatches.

When the Fore and Afters are of wood the depth will be less than 6 inches above the Indian Summer Load Line if assigned under the state vertical distance from top of deck at side amidships to lower edge of lowest side scuttle.)

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.

Is the thickness of the Bridge Sheerstrake? Strake between Main and Bridge Sheerstrakes?

Delete the words ~~Timber are, are not, berthed in the bridge house.~~
time do not apply ~~Timber arrangements to enable them to get backwards and forwards from their quarters are, are not satisfactory.~~

Length of Bulwarks in well

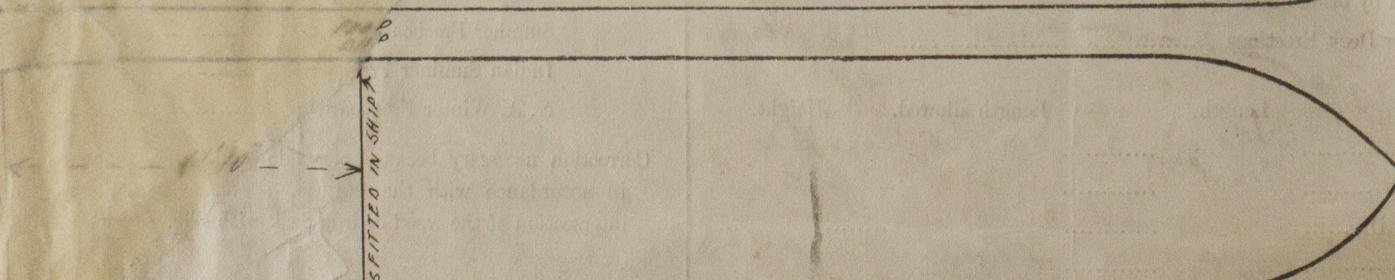
Area of Freeing Ports required by Para. 11 (e) each side of vessel = Sq. ft.

Fr. Tenth.

Freeing Ports (each side of vessel) = Sq. ft.

Total deficiency or excess = Sq. ft.

There are no openings fitted below the upper deck or any openings to affect the position of the centre of the ship



Show hereon the position of any Breaks in same; also height of Peak Tank tops, &c., &c.

Action of the Vessel. *Vessel to be classed as 100% 1. Longitudinal Frame in bulk.*

Print Baltimore Report No. 1973. Permanent Baltimore Rep.

Transportation and Oil tank.

Building - Richmond, Va.

Received by me ✓