

223
6265.

SURVEYS FOR FREEBOARD.—STEAM SHIPS.

Port of Survey *Ypsilwich*
Date of Survey *Wheeler Building.*
Name of Surveyor *J. Angus Craig*

Ship's Name. **"INTOMBI"** Port of Registry and Nationality. **Liverpool British**
W. Hamilton 87-25 of 25
 entered in Register Book

Particulars of Classification.

100. A.1. LONGITUDINAL FRAMING.

(Contemplated)

Moulded Depth as measured..... 29-6

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

30 - 5 1/2
3 - 5 1/2

27.0 to Cell 5 B

CORRECTION FOR LENGTH.

Length of Ship on Loadline.....	365 ✓	
Length in Table	<u>354 ✓</u>	
Difference	11 ✓	
Correction for 10ft., Table A.	1.5 ✓	Table C.
× Difference divided by 10	<u>1.65 ✓</u> (if required.)	$\frac{11}{8}$ ✓
If $\frac{6}{10}$ ths length covered divide by 2	$+1\frac{3}{4}$ ✓	$\frac{88}{88}$ ✓
		+1 ✓

CORRECTION FOR IRON DECK.

Proportion covered, if less than $\frac{7}{10}$ ths length covered 4894
Thickness of usual wood deck, less stringer 32
3.58 = 1.41 1 $\frac{3}{4}$

CORRECTION FOR ROUND OF BEAM.

NOTE. — The round of beam should be reported on the full breadth of vessel at the gunwale.

Co-efficient of fineness..... $\frac{4}{4} \times$
Any modification necessary } - ~~$\frac{1}{2}$~~ $\frac{1}{2}$ at 8 Ballows.
[Para. 4 (a) to (e)]* }
Co-efficient as corrected $\frac{1}{6}$ ✓

Sheer { Stem..... 103 } $158 \div 2 = 79$...Mean
at { Sternpost ... 55 } $36 \overline{) 32.59}$

Sheer at $\frac{1}{2}$ of the length from { Stem 58 } $87 \div 2 = 43.5$...Mean
{ Sternpost 29 } $\frac{90}{32.59}$

Gradual mean Sheer $79.04 \div 55 = 79.09$

Standard mean Sheer [Table, Para. 18] 46.5 Correction

Difference..... $32.54 \div 4 = -8\frac{1}{4}$

§ If limited as Para. 18 (f)..... ✓

8.13

Rise in Sheer	{	At front of bridge house.....	✓
from amidships			
[Para. 18 (e)]		At after end of forecastle	✓

¶ Fall in Sheer } $\div 2 =$
 Para. 18 (d) }
 Length uncovered ✓ Correction

ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C.....	4 - 2.0	4 - 2
Correction for Length, if required (Para. 12, 13, and 14)	+ 1	+
	4 - 2.88	4 - 3
Freeboard by Table A. corrected for sheer, and for length, if required (Para. 12, 13, and 14)	6 - 9.02	6 - 9
Difference	2 - 6.14	30 - 25
Percentage as below.....		30 - 56%

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

Allowance for Deck Erections - 97 ✓

	Length.	Length allowed.	Height.
Forecastle.....	34.91	34.91 ✓	2-4
Bridge House	108.00 (4.5 OPEN YEF...)	104.38 ✓	2-6
† Raised Qr. Dk.....	✓
Poop.....	32.45	32.45 ✓	1-0 1/2
Total	178.46	175.08 ³ ✓	4495 ✓
Length of Ship	36.5 ✓	36.5 ✓	
Corresponding percentage (Para. 11, 12, 13, or 14) {	30.56 % ✓		

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	"	" "

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 breadth 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.

State dimensions of freeing port area on back of this form.

The Surveyor should state whether the fall in sheer as reported is measured relative to the straight line of keel or to the water line. If measured relative to water line the vessel's draft at time of

And a profound regret

Do 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? Longitudinal system of framing

Has the Poop or Raised Quarter Deck an efficient Iron Bulkhead at the fore end? Storm boards full height fitted into channels

Give particulars of the means for closing the openings in Bulkhead no. Has the Bridge House an efficient Bulkhead at the fore end?

Is the Poop or Raised Quarter Deck connected with the Bridge House? closed

Give particulars of the means for closing the openings in Bulkhead

What is the thickness of the Bridge Front plating? 40 and Coaming plate? 144

Give scantlings and spacing of the Stiffeners W.A. 8x32x6 average spacing 32

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? Storm boards full height fitted into channels riveted to W'head

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, Raised Quarter Deck, 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.	Nº1 20-0x16-2x2-6		Nº2 32-0x16-2x2-6		Nº3 32-0x15-4x2-6		Nº4 24-0x15-3x2-6		Ship.	Rule.
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		
Thickness										
Sides	5	5	5	5	5	5	5	5		
Ends	4	4	4	4	4	4	4	4		
SHIFTING BEAMS OR WEB PLATES.										
Number	3	3	6	6	6	6	4	4		
Section and Scantlings	Flanges 6" on bottom throughout		4" x 3" x 4" throughout							
Material	Sp. Angle									
* FORE AND AFTERS.										
Number										
Section and Scantlings										
Material										
HATCHES Thickness	3	3	3	3	3	3	3	3		
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?

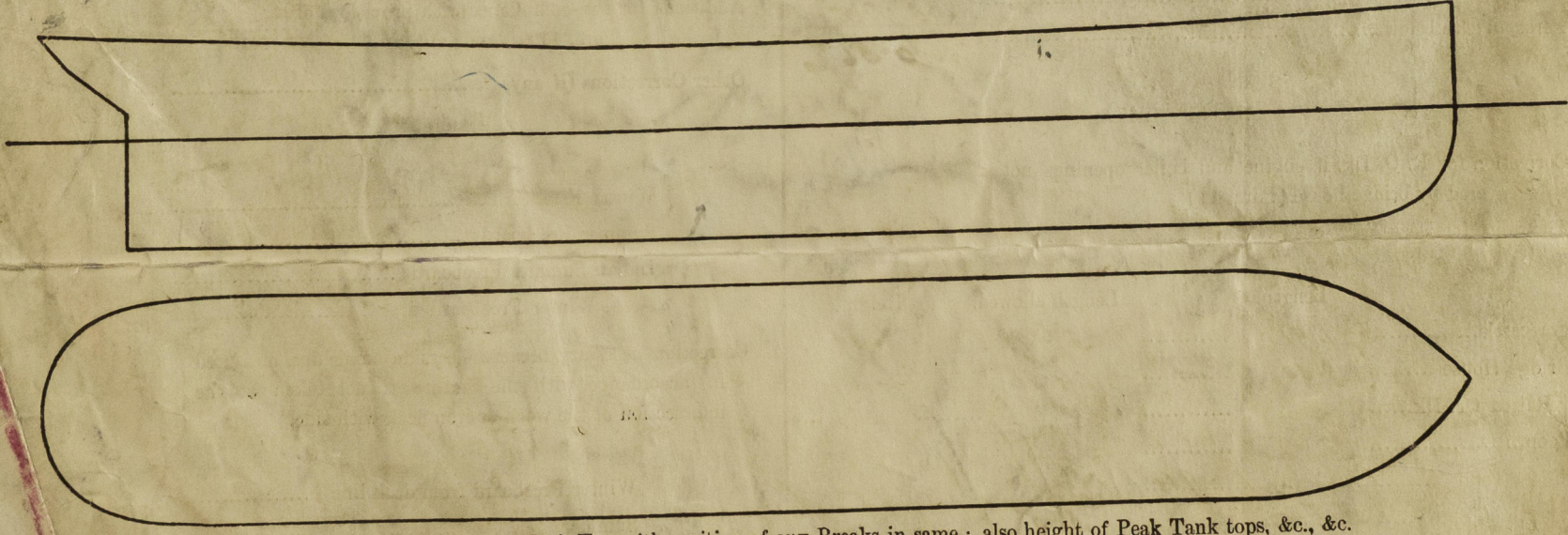
Delete the words { The Crew are, are not, berthed in the bridge house. that do not apply { The arrangements to enable them to get backwards and forwards from their quarters are, are not satisfactory.

Length of Bulwarks in well = Sq. ft.

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

Owners

Address

Fee 2

Received by me