

# Lloyd's Register of British & Foreign Shipping.

## SURVEYS FOR FREEBOARD.—STEAM SHIPS.

223  
16265

REGULATIONS RELATING TO ALL STEAM SHIPS EITHER FLUKE-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 Yarmouth  
Date of Survey Mobile Building  
Name of Surveyor J. Miles Craig

ALIAKOS

Ship's Name. <b>S. INTOMBI</b> <i>W. Hamilton 87-25-237</i>	Port of Registry and Nationality. <i>Liverpool</i> <i>British</i>	Official Number. <b>131443</b>	Gross Tonnage. <b>3874.24</b>	Date of Build. <b>1912</b>	Particulars of Classification. <b>H100.A1 LONGITUDINAL FRAMING.</b> <i>(Contemplated)</i>
---	---	-----------------------------------	----------------------------------	-------------------------------	---

Length from Register. <b>365</b>	BREADTH. <b>47.0</b>	DEPTH. <b>24.0</b>	UNDER DECK TONNAGE. <b>3689.15</b>
Length on LINE. <b>365</b>	Frame Depth Rule <b>47.0</b>	Ceiling <b>FITTED</b>	Peak <b>✓</b>
	Sheer + <b>90</b>	Tanks <b>✓</b>	
	<b>2x3 = .5</b>		
CORRECTED DIMENSIONS. <b>365.0</b>	<b>46.57</b>	<b>24.902</b>	<b>3689.15</b>

Moulded Depth as measured..... 29.6  
*30 - 5/2*  
*3 - 5/2*  
*27.0 to cell 5 B.*

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.....	<b>365</b>	
Length in Table .....	<b>354</b>	
Difference .....	<b>11</b>	
Correction for 10ft., Table A. ....	<b>1.5</b>	Table C. <b>11/88</b>
× Difference divided by 10 .....	<b>1.65</b>	(if required.)
If 1/10ths length covered divide by 2	<b>+1 3/4</b>	<b>+1</b>

### CORRECTION FOR IRON DECK.

Proportion covered, if less than 1/10ths length covered ....	<b>4.95</b>
Thickness of usual wood deck, less stringer .....	<b>3.5</b>
<i>3.58 = 1.41</i>	<b>1 3/4</b>

### CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships.....	<b>46.6</b>
Round of Beam .....	<b>11 1/2</b>
Normal round.....	<b>11 1/2</b>
Difference .....	<b>✓ ÷ 2 =</b>
Proportion of Deck uncovered (Para. 19) .....	<b>✓</b>

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

Co-efficient of fineness..... **44 1/2**  
Any modification necessary [Para. 4 (a) to (e)]\* **✓**  
Co-efficient as corrected ..... **46**

Sheer { Stem..... **103** } **158 ÷ 2 = 49** ...Mean **79.09**  
 at { Sternpost ... **55** } **46.5**  
*36/32.59*

Sheer at 1/3 of the length from { Stem **58** } **87 ÷ 2 = 43.5** ...Mean **90**  
 { Sternpost **29** }

Gradual mean Sheer ..... **49.04 ÷ 55 = 79.09**

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

Difference..... **32.54 ÷ 4 = -8 1/4**

§ If limited as Para. 18 (f)..... **8.13**

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

¶ Fall in Sheer { Para. 18 (d) } ÷ 2 =  
Length uncovered ..... Correction

### ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C.....	<b>4 - 2</b>
Correction for Length, if required (Para. 12, 13, and 14) .....	<b>+ 1</b>
Freeboard by Table A, corrected for sheer, and for length, if required (Para. 12, 13, and 14) }	<b>6 - 9 1/4</b>
Difference .....	<b>30.25</b>
Percentage as below.....	<b>30.56%</b>

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) **✓**  
Allowance for Deck Erections ..... **- 9 1/4**

	Length.	Length allowed.	Height.
Forecastle.....	<b>37.91</b>	<b>37.91</b>	<b>7.4</b>
Bridge House.....	<b>108.00</b> (4.5 OPEN AREA)	<b>104.38</b>	<b>14.6</b>
† Raised Qr. Dk.....			
Poop.....	<b>32.75</b>	<b>32.75</b>	<b>7.02</b>
Total .....	<b>178.66</b>	<b>175.08</b>	<b>47.95</b>
Length of Ship .....	<b>365</b>		
Corresponding percentage (Para. 11, 12, 13, or 14) }	<b>30.56%</b>		

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

Fresh Water Line	above centre of Disc	6
Indian Summer Line	" " "	5
Winter Line	below " "	5 1/2
Winter North Atlantic Line	" " "	5 1/2

Freeboard, Table A .....	<b>7 - 3.50</b>	<b>4 - 3 1/2</b>
Correction for Sheer .....	<b>1.13</b>	<b>8 1/4</b>
Correction for Length .....	<b>6 - 4.34</b>	<b>6 - 4 1/4</b>
Allowance for Deck Erections .....	<b>1.65</b>	<b>1 3/4</b>
Correction for Round of Beam.....	<b>6 - 9.02</b>	<b>6 - 9 1/4</b>
Other Corrections (if any) .....	<b>9.21</b>	<b>9 1/4</b>
	<b>5 - 11.21</b>	<b>8 1/2 - 11 3/4</b>
Winter Freeboard .....	<b>5 - 10 1/4</b>	
Summer Freeboard .....	<b>(5 1/2)</b>	<b>5 - 5 1/4</b>
Indian Summer Freeboard .....		<b>4 - 11 1/2</b>
N. A. Winter Freeboard .....		<b>✓</b>
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. }		<b>+ 1 1/2</b>
Winter Freeboard from deck line .....		<b>5 - 11 1/2</b>
Summer " " " " .....		<b>5 - 6 1/4</b>
Indian Summer " " " " .....		<b>5 - 1 1/4</b>
N. A. Winter " " " " .....		<b>✓</b>

002352-002361-0014

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 having an allowance for deck erections under Para. 11 where the sheer drops abaft amidships 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.

† 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 should also be reported.

RECEIVED  
JAN 1932  
MARKING REPORT  
REGISTER  
FOUNDATION

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 system of 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 Storm boards full height fitted into channels

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 closed

What is the thickness of the Bridge Front plating? .40 and Coaming plate? .44

Give scantlings and spacing of the Stiffeners W.A. 8x3 1/2 x 6 stagger spacing 32"

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? 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? Yes 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? Yes

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 Yes

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: Yes

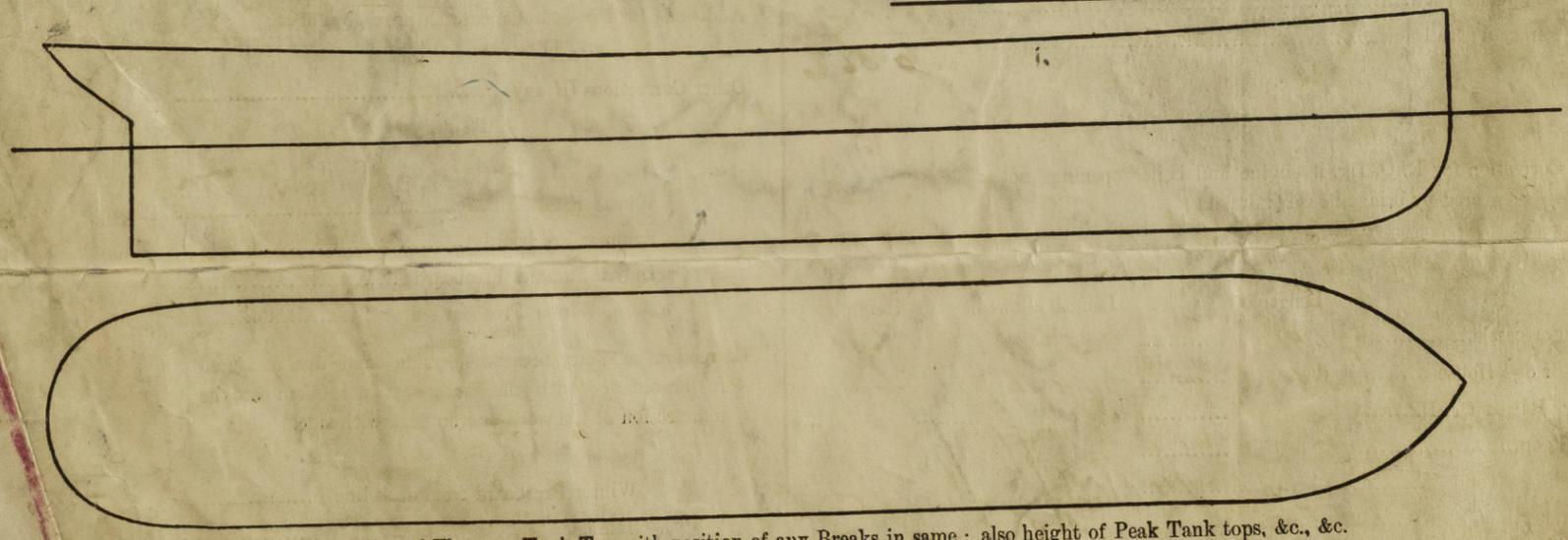
Position and Size.	No 1 20-0x16-2x2-6		No 2 32-0x16-2x2-6		No 3 32-0x15-4x2-6		No 4 24-0x15-3x2-6		Ship.	Rule.
	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.		
COAMING.										
Height above top of DECK	30"	24"	30"	24"	30"	24"	30"	24"		
Thickness	Sides.....	5	5	5	5	5	5	5		
	Ends.....	4	4	4	4	4	4	4		
SHIFTING BEAMS OR WEB PLATES.	Number.....	3	3	6	6	6	6	4		
	Section and Scantlings.....	Flanges 6 on bottom throughout		4		4		4		
	Material.....	Sp Angle 4x3x4 throughout								
* 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 that do not apply { The Crew are, are not, berthed in the bridge house. 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 \_\_\_\_\_

