

*Amopala 31103*  
**COPY WRITTEN.**

# Lloyd's Register of Shipping

MON. MAY 5 1924

*31020*

1924

*9107*

## SURVEYS FOR FREEBOARD.—STEAM SHIPS.

PARTICULARS RELATING TO ALL STEAM SHIPS EITHER FLUSH DECKED, OR WITH TOP GALLANT FORECASTLES, SHORT POOPS AND BRIDGE HOUSES DISCONNECTED, OR WITH TOP GALLANT FORECASTLES HAVING LONG POOPS, OR RAISED QUARTER DECKS CONNECTED WITH BRIDGE HOUSES, OR OTHERWISE

Port of Survey Belfast  
Date of Survey While building  
Name of Surveyor W. H. M. Johnson

Workman Clark & Co Ltd 49, 47, 45, 43, 41, 39, 37, 35, 33, 31, 29, 27, 25, 23, 21, 19, 17, 15, 13, 11, 9, 7, 5, 3, 1

Ship's Name. <u>ATLANTIDA</u>	Port of Registry and Nationality. <u>Cuba</u> <u>Republic of Honduras</u>	Official Number. <u>4080</u>	Gross Tonnage. <u>about</u> <u>4080</u>	Date of Build. <u>New vessel</u>	Particulars of Classification. <u>100 A. 1. with freeboard.</u> <u>Class contemplated</u>
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Length in Register Book	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	<u>350.6</u>	<u>50.3</u>	<u>29.55</u>	<u>3503</u>
Frame Depth	<u>7 1/2</u>		Ceiling <u>Fitted</u>	Peak
Rule	<u>6</u>		Sheer <u>+18</u>	Tanks
	<u>1 1/2</u>			<u>one in</u>
	<u>x 2 = .26</u>			<u>about</u>
	<u>No sparring + 33</u>			<u>Tank Top L 8</u>
				<u>+ B. Space + 8 Lines</u>
				<u>18 1/2 frames in</u>
				<u>8 B. Space + .7.8</u>
Length as corrected	<u>348.85</u>	<u>50.38</u>	<u>29.73</u>	<u>3578.3</u>

Moulded Depth as measured..... 31.6  
 Rule deck 4" less 3" fitted..... -1  
31.5 to use  
 Deck sheathed with 2 1/2" teak. 15" futterway

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

*31-6*  
*1-0*  
*32-6*  
*2-15*  
*29-63*

CORRECTION FOR LENGTH.

Length of Ship on Loadline.....	<u>348.85</u>
Length in Table .....	<u>344.0</u>
Difference .....	<u>28.15</u>
Correction for 10ft., Table A. ....	<u>1.6</u> Table C.
x Difference divided by 10 .....	<u>4.52</u> (if required.)
If 1/10ths length covered divide by 2	<u>-4 1/2"</u>

CORRECTION FOR IRON DECK.

Proportion covered, if less than 1/10ths length covered .....	<u>All in mid. depth</u>
Thickness of usual wood deck, less stringer .....	<u>2 1/2" wood sheathing on Steel Deck.</u>

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships.....	<u>49.0</u>
Round of Beam .....	<u>1.0</u>
Normal round.....	<u>12 1/4</u>
Difference .....	<u>1/4 ÷ 2 =</u>
Proportion of Deck uncovered (Para. 19) .....	<u>1/8</u>

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

Percentage of fineness..... .695  
 Modification necessary [a. 4 (a) to (e)]\* C.D.B.  
 Percentage as corrected ..... .675  
.68 Lowest in Tables.

Stem..... 71 } 101 ÷ 2 = 50.5 ... Mean 57.36  
 Sternpost ... 30 } 144.88  
36 1/2  
.78  
 1/2 of the length from Stem 39 } 56.5 ÷ 2 = 28.25 ... Mean  
 Sternpost 17 1/2 }  
 mean Sheer ..... allowed 50.98 ÷ 56 = 51.36  
 mean Sheer [Table, Para. 18] ..... 44.88 Correction  
 Difference..... 6.05 ÷ 4 = 1.51  
 Limited as Para. 18 (f)..... -1 1/2"

In Sheer { At front of bridge house..... ✓  
 amidships {  
 18 (e) { At after end of forecastle ..... ✓

In Sheer {  
 18 (d) { ÷ 2 = No drop.  
 uncovered ..... Correction ✓

### ALLOWANCE FOR DECK ERECTIONS:—

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) .....  
 Allowance for Deck Erections .....  
 Length. Length allowed. Height.  
 Forecastle ..... 35' 9" ..... 6-6"  
 Main Deck .....  
 Quarter Deck .....  
 Total .....  
 Ship .....  
 Deducting percentage {  
 (1, 12, 13, or 14) {  
 Standard recommended amidships from centre of Disc to top of Statutory Deck Line, Wood Deck:—

Freeboard, Table A .....	<u>4" 8 1/2</u>
Correction for Sheer .....	<u>-1 1/2</u>
Correction for Length .....	<u>4" 7</u>
Allowance for Deck Erections .....	<u>-4 1/2</u>
Correction for Round of Beam.....	<u>4" 2 1/2</u>
Correction for fall in Sheer (if any).....	✓
Correction for <u>2 1/2" sheathing on Steel</u> Deck (if required) .....	<u>All in reduced mid. depth.</u>
Additions for non-compliance with provisions of { Para. 11 (d) and (e) † } Other Corrections (if any) <u>Scantlings &amp; class</u> ..... <u>+ 4.3 1/2</u> <u>to correspond to the approved moulded</u> <u>draught of 20-3"</u> ..... <u>11.6</u>	
Winter Freeboard .....	} <u>11" 6"</u>
Summer Freeboard .....	
Indian Summer Freeboard .....	
N. A. Winter Freeboard .....	} <u>+ 1 1/2"</u>
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. <u>2 1/2" sheathing on steel upper deck.</u>	
Winter Freeboard from deck line .....	} <u>11" 7 1/2</u> For all seasons
Summer " " " " .....	
Indian Summer " " " " .....	
N. A. Winter " " " " .....	

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

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.

MAY 1924

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 Lloyd's Register  
 MARKING FORM  
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Do all the Frames extend to the top height in the Poop?  Raised Quarter Deck?  Bridge House?  Forecastle?  *Yes*

To what height do the Reverse Frames extend? *Bulb angle frames*

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

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 Bridge Front plating?  and Coaming plate?

Give scantlings and spacing of the Stiffeners

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?

Is the Forecastle at least as high as the main or top-gallant rail? *6' 6" above USL* Has the Forecastle an efficient Iron or Wood Bulk'd. at after end? *Open between frames*

Are the Engine and Boiler openings covered by a Bridge, Poop, Raised Quarter Deck, or enclosed by a Strong Iron or Steel Deckhouse? *Steel passenger deckhouse framed deck above upper deck, covering engine boiler openings.*

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? *Hinged steel covers.*

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, as per approved plans.*

PARTICULARS OF TOP GALLANT WITH TOP

orkm  
Number in

Registered dimensions from Ship's Register.

Position and Size.	No. 1. 22'6" x 15'0"		No. 2. 27'6" x 16'0"		No. 3. 30'0" x 16'0"		No. 4. 35'0" x 16'0"		Ship.	Rule.
	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.		
COAMING.	Height above top of DECK	1'6"	1'6"	1'3"	1'3"	1'3"	1'3"	1'3"		
	Thickness	Sides	4 1/4"	4 1/4"	4 1/4"	4 1/4"	4 1/4"	4 1/4"		
		Ends	4 1/4"	4 1/4"	4 1/4"	4 1/4"	4 1/4"	4 1/4"	4 1/4"	
SHIFTING BEAMS OR WEB PLATES.	Number	4	4	4	4	3	3	4		
	Section and Scantlings	12x6x6 x 49 lbs. I section								
	Material	Steel								
* FORE AND AFTERS.	Number									
	Section and Scantlings			none						
	Material									
HATCHES Thickness	2 1/2"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	2 1/2"		
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?

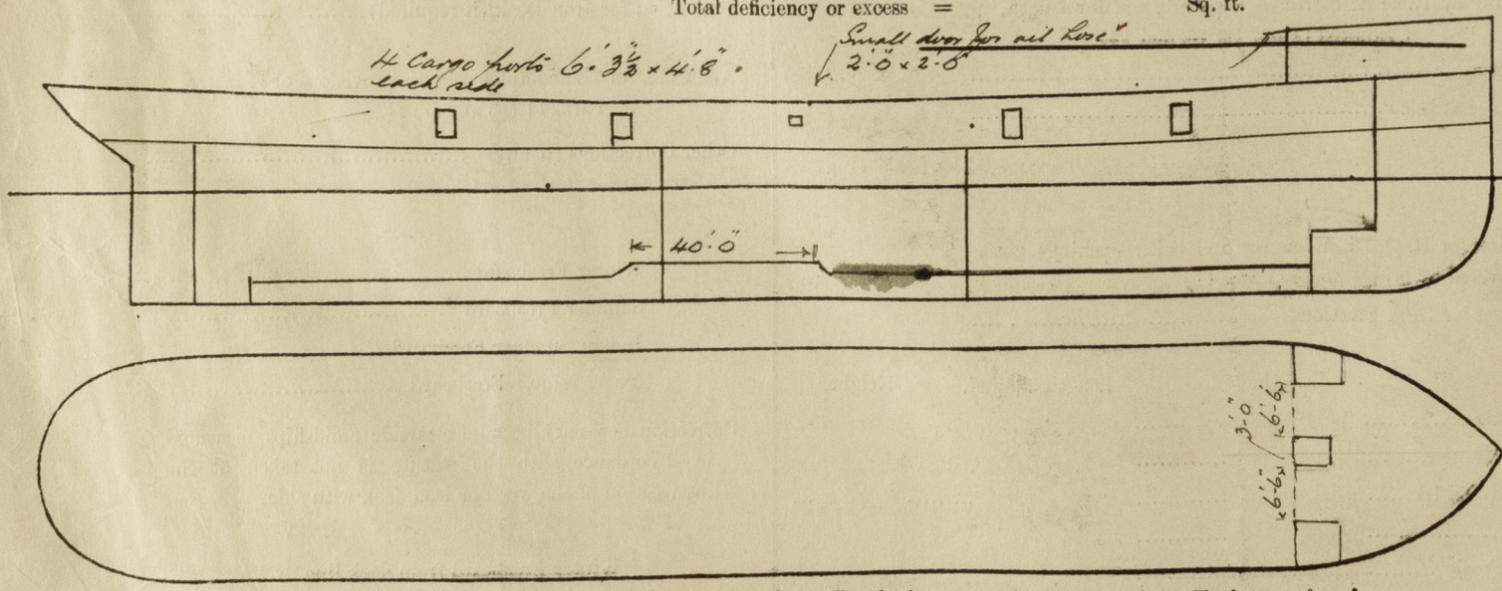
Delete the words { The Crew are, are not, berthed in the bridge house. that do not apply { The arrangements to enable them to get backwards and forwards from their quarters are, are not satisfactory.

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.
x	x	x		
x	x	x		

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 *Double bottom in holds & boiler space 35 1/2" high, in engine space 42" high. Tank top level. Ceiling fitted on tank top. Lining well be fitted in holds on arrival at home port in USA or Honduras. B of Trade tonnage measurements are to inside of frames. No tonnage opening. No cement chocks between frames on 2nd deck (Rec'd letter 14. 19. 11. 23). Vessel built in accordance with approved plans & submitted approved for moulded draft of 20' 3" (Rec'd letter 14. 16. 10).*

Owners *Wolman Clark & Co. Ltd.*  
Address *Belfast*

Freight application form *Liverpool*

Fee £ 10 : 0 : 0 Received by me *Lee F. E. Report.*  
*Will be charged with 72 report.*

Lloyd's Register  
Foundation