

Leavans 21368

Verification Report.

# Lloyd's Register of British & Foreign Shipping.

21525

SURVEYS FOR FREEBOARD.—STEAM SHIPS. N° 29912.

ARTICULARS RELATING TO ALL STEAM SHIPS EITHER PLUSH DECKED, OR WITH  
OF 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 Glasgow  
Date of Survey While building  
Name of Surveyor Henry Hibbs

Ship's Name. ELEPHANTA  
Port of Registry and Nationality. Glasgow British  
Official Number. 129562  
Gross Tonnage. 5292  
Date of Build. 1911  
Particulars of Classification. 100 A1 "Shade Deck"

LENGTH.	BREADTH.	DEPTH.	UNDER DECK Tonnage.
<u>400.4</u>	<u>52.5</u>	<u>25.5</u>	<u>3717.40</u>
<u>399.66</u>	<u>52.25</u>	<u>26.04</u>	<u>3717.40</u>

Moulded Depth as measured..... 28.0  
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..... 399.66  
Length in Table ..... 336.0  
Difference ..... 63.66  
Correction for 10ft., Table A. .... 1.4 Table C.  
× Difference divided by 10 ..... 8.91 (if required.)  
If  $\frac{1}{10}$ ths length covered divide by 2 + 4.5

CORRECTION FOR IRON DECK.  
Proportion covered, if less than  $\frac{1}{10}$ ths length covered ..... .761  
Thickness of usual wood deck, less stringer..... 3.5  
3 sheathing fitted — .5

CORRECTION FOR ROUND OF BEAM.  
Breadth at Gunwale amidships..... 50.6  
Round of Beam..... 13  
Normal round ..... 12 5/8  
Difference ..... 3/8 ÷ 2 = ..... 3/16  
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 ..... 6 - 5  
Correction for Sheer ..... — 3 1/2  
Correction for Length ..... 6 - 1 1/2  
Allowance for Deck Erections ..... — 1 - 6 1/2  
Correction for Round of Beam..... 4 - 11 1/2  
Correction for fall in Sheer (if any) ..... ✓  
Correction for Iron Deck (if required) ..... — 1/2  
Additions for non-compliance with provisions of {  
Para. 11 (d) and (e) † }  
Other Corrections (if any).....

Winter Freeboard ..... 4 - 11  
Summer Freeboard ..... 4 - 5 1/2  
Indian Summer Freeboard ..... 4 - 0  
N.A. Winter Freeboard .....

Correction necessary because clearside amidships, measured in accordance with the Statute, is not taken at the intersection of the wood on iron deck with side. 1 3/4

Winter Freeboard from deck line ..... 5 - 0 3/4  
Summer " " " " ..... 4 - 7 1/2  
Indian Summer " " " " ..... 4 - 1 3/4  
N.A. Winter " " " " .....

Winter Freeboard from deck line ..... 4 - 7  
Summer " " " " ..... 5 1/2  
Indian Summer " " " " ..... 5 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.

coefficient of fineness ..... .68  
modification necessary {  
Para. 4 (a) to (e) \* } — .02 6003  
coefficient as corrected ..... .66

Stem... 84 } 126 ÷ 2 = 63 ... Mean  
Sternpost... 42 }  
Mean Sheer 65.67 + 63 } 72.25 ÷ 2 = 36.12 ... Mean  
Mean Sheer (Table, Para. 18) ..... 49.96 Correction  
Difference..... 14.37 ÷ 4 = — 3 1/2  
as Para. 18 (f).....

At front of bridge house.....  
At after end of forecastle .....

÷ 2 =  
Correction

## ALLOWANCE FOR DECK ERECTIONS:—

Table C..... 3 - 4 1/2  
for Length, if required (Para. 12, 13, and 14) .....  
by Table A. corrected for sheer, and for length, if required (Para. 12, 13, and 14) ..... 6 - 1 1/2  
as below..... 56.1%

for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) .....  
for Deck Erections ..... — 18 1/2

Length.	Length allowed.	Height.
<u>51.79</u>	<u>50.87</u>	<u>8.0</u>
<u>13.66</u>	<u>6.83</u>	
<u>223.32</u>	<u>210.68</u>	
<u>17.66</u>	<u>8.83</u>	
<u>32.25</u>	<u>27.21</u>	
	<u>304.42</u>	
	<u>399.66</u>	<u>= .761</u>

ding percentage {  
1, 12, 13, and 14) } 56.1%

## STANDARD 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 " " ended Table  
Winter Line below " March, 1906  
Winter North Atlantic Line " " "

names, skin planking, or ceiling are of unusual thickness the breadth of vessel to inside should be reported if possible.  
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 amidships beam.  
In vessels having poops and forecastles, it means the sheer measured at points distant length of the vessel's length from stem and stern-post.

3.11

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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? *Bulk angle frames as per profile*  
 Has the Poop or Raised Quarter Deck an efficient Iron Bulkhead at the fore end? *Storm boards full height in permanent channels*  
 Give particulars of the means for closing the openings in Bulkhead *yes*  
 Is the Poop or Raised Quarter Deck connected with the Bridge House? *yes* Has the Bridge House an efficient Bulkhead at the fore end? *yes*  
 Give particulars of the means for closing the openings in Bulkhead *Storm boards full height in permanent channels*  
 What is the thickness of the Bridge Front plating? *.30* and Coaming plate? *no coaming*  
 Give scantlings and spacing of the Stiffeners *4 flanges spaced 34" with two reverse bars 3x3x5/16 each side*  
 Are bracket plates fitted at each end of the Stiffeners? *no* Are hor'l. brackets fitted connecting Bridge Bulk'd. with Bulwarks? *no*  
 Has the Bridge House an efficient Iron Bulkhead at the after end? *yes*  
 How are the openings closed? *Storm boards 2 height in permanent channels*  
 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? *Open aft*  
 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.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
Item.										
COAMING										
Height above top of DECK	30"	24	30"	24	30	24				
Thickness { Sides.....	44	44	44	44	44	44				
Ends.....	40	40	40	40	40	40				
SHIFTING BEAMS OR WEB PLATES										
Number.....	2 Hibs		3 Hibs		3 Hibs					
Section and Scantlings.....	16x34 1/2		18x34 1/2		18x34 1/2					
Material.....	1/2 Bull 1/4		1/2 Bull 1/4		1/2 Bull 1/4					
FORE AND AFTERS										
Number.....	None		None		None					
Section and Scantlings.....										
Material.....										
HATCHES Thickness.....	3"		3"		3"					
Remarks.....	Obt angles 3x3x.40 on top & T bar 6x4x.44 on bottom of webs.									

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.)

*There are no scuppers or sidelights to affect this assignment*  
 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 Sheerstakes?*

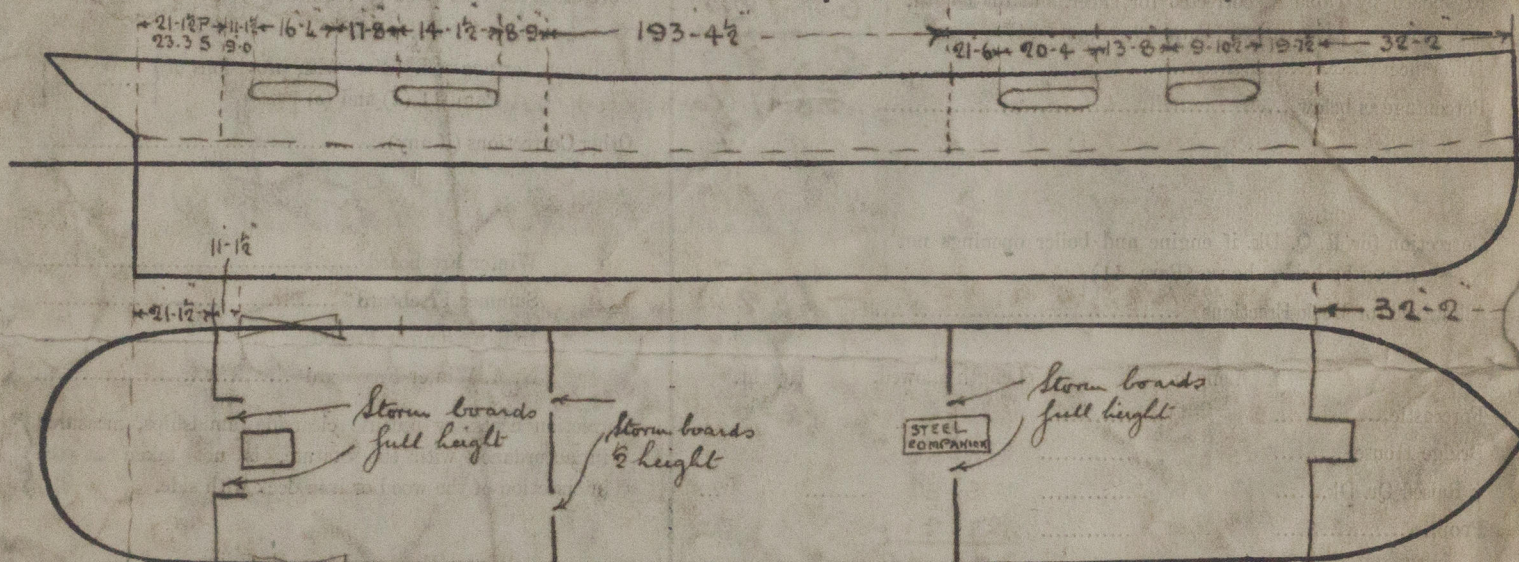
Delete the words { The Crew are, are not, berthed in the bridge house.  
 that do not apply { The arrangements to enable them to get backwards and forwards from their quarters are, are not satisfactory.

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				

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.

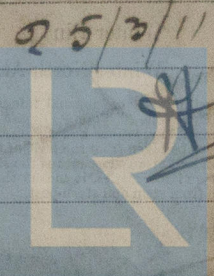
State any special features in the construction of the Vessel *This is a sister vessel to "Edavara"*  
*His report N° 29567. Vessel to be classed 100 A1. Shade 04.*  
*Freeboard request enclosed.*

Owners

Address

Fee £

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