

Lloyd's Register of British & Foreign Shipping.

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 Glasgow
Date of Survey While building
Name of Surveyor Henry Hubbs

Ship's Name. "EDAVANA"
Number in Register Book 129544
Port of Registry and Nationality. Glasgow British
Official Number. 4999
Gross Tonnage. 1911
Date of Build. 1911
Particulars of Classification. 100 A 1 "Shade Deck" (contemplated)

Registered dimensions from Ship's Register.
LENGTH. 400.4
BREADTH. 52.5
DEPTH. 25.5
UNDER DECK Tonnage. 3715.25

Length on LOADLINE 399.66
Frame Depth 7 1/2
Ceiling + .20
Peak
Rule 5 1/2
Sheer + .39
Tanks
4.3

RECTED MENSIONS. 399.66 52.25 26.09 3715.25

Co-efficient of fineness68
Any modification necessary { -.02 6.03
[Para. 4 (a) to (e) *]
Co-efficient as corrected66

Sheer { Stem... 84 } 126 ÷ 2 = 63 Mean
at { Sternpost... 42 }
Sheer at 1/2 of the length from { Stem 48.25 } 72.25 2 = 36.12 Mean
{ Sternpost 24.0 } 72.25 ÷ .55 = 65.67
Gradual mean Sheer 65.67 + 63 = 64.33
Standard mean Sheer (Table, Para. 18) 49.96 Correction
Difference 14.37 ÷ 4 = -3 1/2
§ If limited as Para. 18 (f).....

Rise in Sheer { At front of bridge house.....
from amidships {
[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..... 3.4 1/2
Correction for Length, if required (Para. 12, 13, and 14)
Freeboard by Table A, corrected for sheer, and for length, if required (Para. 12, 13, and 14) } 6.1 1/2
Difference 2.9
Percentage as below..... 56.1%

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

	Length.	Length allowed.	Height.
Forecastle.....	<u>51.79</u>	<u>50.87</u> ✓	<u>8'-0"</u>
SHelter.....	<u>13.66</u>	<u>6.83</u> x	
Bridge House.....	<u>223.62</u>	<u>210.68</u> x	
SHelter.....	<u>17.66</u>	<u>8.83</u> x	
† Raised Qr. Dk.....	<u>32.25</u>	<u>27.21</u> x	
Poop.....	<u>32.25</u>	<u>304.42</u> x	
Total		<u>399.66</u> = <u>-761</u> x	
Length of Ship			
Corresponding percentage { <u>56.1%</u> (Para. 12, 13, and 14) }			

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	"	"	

Amended Tables
March, 1906.

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 1/10ths length covered divide by 2 +4 1/2 ✓

CORRECTION FOR IRON DECK

Proportion covered, if less than 1/10ths length covered 3 1/2
Thickness of usual wood deck, less stringer.....
3 sheathing felled -1/2

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships..... 50'-6"
Round of Beam..... 13"
Normal round 12 7/8
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	<u>6.5</u> ✓
Correction for Sheer	<u>-3 1/2</u> ✓
Correction for Length	<u>+4 1/2</u> ✓
Allowance for Deck Erections	<u>-1.6 1/2</u> ✓
Correction for Round of Beam.....	✓
Correction for fall in Sheer (if any)	✓
3 sheathing on	<u>-1/2</u> ✓
Correction for Iron Deck (if required)	<u>4.11</u> ✓
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 or iron deck with side. } 1 3/4 ✓

Winter Freeboard from deck line	<u>5.0 3/4</u> ✓
Summer " " " "	<u>4.7 1/2</u> ✓
Indian Summer " " " "	<u>4.1 3/4</u> ✓
N. A. Winter " " " "	<u>4.7</u> ✓

* 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 height 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 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.

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MARKING REPORT
RECEIVED 26 JAN. 1911

002079-002084-0048

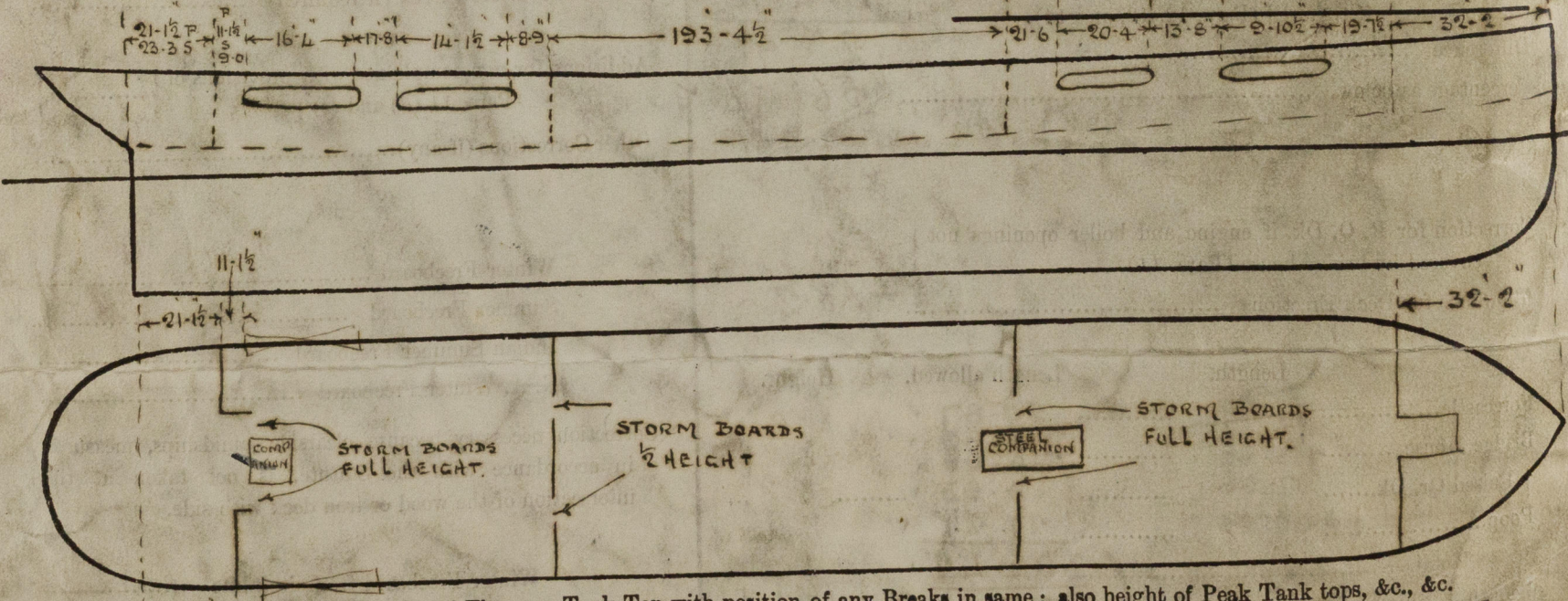
Do all the Frames extend to the top height in Poop? *Yes* Raised Quarter Deck? *Yes* Bridge House? *Yes* Forecastle? *Yes*
 To what height do the Reverse Frames extend? *Bulk angle frames as per profile 21368*
 Has the Poop or Raised Quarter Deck an efficient Iron Bulkhead at the fore end? *Yes*
 Give particulars of the means for closing the openings in Bulkhead *Storm boards full height in permanent channels*
 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 3x3x8/20 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 1/2 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.	No. 1. 16-11 1/2 x 11-11 1/2		No. 2. 25-6 x 13-11 1/2		No. 3. 25-6 x 13-11 1/2					
Item.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
COAMING.	Height above top of DECK	30	24	30	24	30	24			
	Sides	44	44	44	44	44	44			
	Ends	40	40	40	40	40	40			
SHIFTING BEAMS OR WEB PLATES.	Number	2 Hubs	3 Hubs	3 Hubs	3 Hubs	3 Hubs	3 Hubs			
	Section and Scantlings	16x34 1/2 3x3x40 6x4x44	18x34 1/2 3x3x40 6x4x44	18x34 1/2 3x3x40 6x4x44	18x34 1/2 3x3x40 6x4x44	18x34 1/2 3x3x40 6x4x44	18x34 1/2 3x3x40 6x4x44			
	Material	11x6 1/2 x 54	11x6 1/2 x 60	11x6 1/2 x 60	11x6 1/2 x 60	11x6 1/2 x 60	11x6 1/2 x 60			
FORE AND AFTERS.	Number	None	None	None	None	None	None			
	Section and Scantlings									
	Material									
HATCHES Thickness	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.)
There are no scuttles 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 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 }
 Total deficiency or excess = Sq. ft.



State any special features in the construction of the Vessel *Vessel to be classed 100 A1 Shade Deck*
Midship Section, Profile & freeboard requests enclosed.
10/12/10

Owners

Address

Fee £

Received by me