

Rpt. 11b.
Casia
out of
within
33349
33842
32061

Lloyd's Register of 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 _____
Date of Survey 2/2/33
Name of Surveyor _____

Ship's Name. "EMILIA"	Port of Registry and Nationality. (Admiralty) <u>Budapest.</u>	Official Number. <u>—</u>	Gross Tonnage. <u>41.34</u>	Date of Build. <u>—</u>	Particulars of Classification. <u>+100. A.1. For towing purposes (contemplated).</u>
Steam Tug	Number in Register Book <u>Miss. Seal & Sars. No 303</u>				

Registered dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	<u>48.0</u>	<u>18.10</u>	<u>4.40</u>	<u>41.18</u>
Length on LOADLINE.	<u>44.45</u>	Frame Depth <u>3</u> Rule <u>2 1/2</u> <u>x2 = .08</u> <u>no charring</u> <u>+ .25</u>	Ceiling <u>+ .16</u> Sheer <u>+ .26</u>	Peak <u>Included</u> Tanks <u>E.R. floors</u> <u>+1.45</u>
RECTED DIMENSIONS.	<u>44.45</u>	<u>18.24</u>	<u>8.12</u>	<u>2.93</u> <u>43.60</u>

Moulded Depth as measured 8.6"
 Rule wood at base 2 1/4"
 Main Sheathing fitted 2 3/4" + 8"
 Addition for Keel below base line 8"
 for draught record 8.68" to use

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

Efficient of fineness .632
 Any modification necessary [Para. 4 (a) to (e)]* ✓
 Efficient as corrected .68 lower in table

CORRECTION FOR LENGTH.

Length of Ship on Loadline.....	<u>44.45</u>
Length in Table	<u>102.12</u>
Difference	<u>24.3425</u>
Correction for 10ft., Table A.	<u>.8</u> Table C.
× Difference divided by 10	<u>1.95</u> (if required.)
If 1/10ths length covered divide by 2	<u>-2"</u>

Sheer at Stem 3/2
 at Sternpost 18
 $54 \div 2 = 27$... Mean 36
 17.78
 $1.5
 $26$$

Sheer at 1/3 of the length from Stem 20
 Sternpost 10
 $30 \div 2 = 15$... Mean 15
 24.14
 14.78
 Correction 9.36
 $9.36 \div 4 = 2.34$

If limited as Para. 18 (f) 14.78
 $14.78 \div 4 = 3.695 = 2.22 = -2 1/4"$

CORRECTION FOR IRON DECK.

Proportion covered, if less than 1/10ths length covered

Thickness of usual wood deck 2 1/4"
 Deck deck fitted 2 3/4"
 Mtd depth increased.

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

Fall in Sheer [Para. 18 (d)]
 $\div 2 =$
 Length uncovered

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships.....	<u>18.0"</u>
Round of Beam	<u>6"</u>
Normal round.....	<u>4 1/2"</u>
Difference	<u>1 1/2" = 3/4"</u>
Proportion of Deck uncovered (Para. 19)	<u>100%</u> <u>- 3/4"</u>

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

ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C.....	
Correction for Length, if required (Para. 12, 13, and 14)	
Freeboard by Table A. corrected for sheer, and for length, if required (Para. 11, 12, 13, and 14) } Difference	
Percentage as below.....	
Correction for R. Q. Deck if engine and boiler openings not covered by bridge house (Para. 11) } Allowance for Deck Erections	

Alaska decked

Freeboard, Table A	<u>1.1"</u>
Correction for Sheer	<u>- 2 1/4"</u>
Correction for Length	<u>0.10 3/4"</u>
Allowance for Deck Erections	<u>✓</u>
Correction for Round of Beam.....	<u>- 3/4"</u>
Correction for fall in Sheer (if any).....	<u>✓</u>
Correction for Steel Deck (if required)	<u>✓</u>
Additions for non-compliance with provisions of Para. 11 (d) and (e) †	<u>✓</u>
Other Corrections (if any) <u>2 3/8" wood deck in way of marking</u>	<u>✓</u>
Winter Freeboard	<u>0.8"</u>
Summer Freeboard	<u>0.4"</u>
Indian Summer Freeboard	<u>0.6"</u>
N. A. Winter Freeboard	<u>0.10"</u>

	Length.	Length allowed.	Height.
Forecastle.....			
Bridge House			
Raised Qr. Dk.....			
Poop.....			
Total			
Length of Ship			
Corresponding percentage (Para. 11, 12, 13, or 14) }			

Correction necessary because clearside amidships, measured in accordance with the Statute is not taken at the intersection of the wood or steel deck with side. ✓

Winter Freeboard from deck line	
Summer " " " "	
Indian Summer " " " "	<u>✓</u>
N. A. Winter " " " "	

SUMMER FREEBOARD amidships from Centre of Disc to top of Deck Line, Wood, Steel, Deck:—

Tropical Fresh Water Line above Centre of Disc ...	<u>3"</u>	Tropical Fresh Water Freeboard ...	<u>0.4"</u>
Fresh Water Line " " ...	<u>2"</u>	Fresh Water " " ...	<u>0.5"</u>
Tropical Line " " ...	<u>1"</u>	Tropical " " ...	<u>0.6"</u>
Winter Line below " " ...	<u>1"</u>	Winter " " ...	<u>0.8"</u>
Winter North Atlantic Line " " ...	<u>3"</u>	Winter North Atlantic " " ...	<u>0.10"</u>

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FW = $\frac{183}{207.68} = 1.7$ $\frac{D}{4} = 2.0"$

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