

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.—STEAM SHIPS.

PARTICULARS RELATING TO ALL STEAM SHIPS EITHER PLUSH 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 Bergen
Date of Survey 23rd + 24th June 1932
Name of Surveyor _____

Ship's Name.	Port of Registry and Nationality.	Official Number.	Gross Tonnage.	Date of Build.	Particulars of Classification.
TELA	<u>Bergen</u> <u>Norwegian</u>	—	<u>2960</u>	<u>1916/5</u>	<u>100 A 1</u>
Number in Register Book _____					

Registered dimensions from ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	<u>305.0</u>	<u>44.1</u>	<u>24.9</u>	<u>2665</u>
Length on LOADLINE.	<u>305.0</u>	Frame Depth <u>7.7</u> Rule „ <u>5.5</u> <u>2.2</u> <u>- .37</u>	Ceiling + <u>.20</u> Sheer + <u>.88</u> <u>drop in line</u> <u>+ .20</u>	Peak Tanks
CORRECTED DIMENSIONS.	<u>305.0</u>	<u>43.73</u>	<u>26.18</u>	<u>2665</u>

Moulded Depth as measured..... 27.3

Addition for Keel below base line for draught record.....inches.

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

Co-efficient of fineness..... .763
Any modification necessary [Para. 4 (a) to (e)]* } CDB .02
Co-efficient as corrected743

Sheer { Stem..... 96 } 145.37 ÷ 2 = 72.68 ...Mean
at { Sternpost ... 49.37 }
Sheer at $\frac{1}{8}$ of the length from { Stem 52.75 } 79.5 ÷ 2 = 39.75 ...Mean
{ Sternpost 26.75 } ÷ .55 70.37
Gradual mean Sheer 72.27
Standard mean Sheer [Table, Para. 18] 40.50 Correction
Difference..... 31.77 ÷ 4 = 7.94
§ 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..... 39.65
Correction for Length, if required (Para. 12, 13, and 14) - 1.54
38.11
Freeboard by Table A, corrected for sheer, and for length, if required (Para. 11, 12, 13, and 14) } 65.38
Difference 27.27
Percentage as below..... 28.213

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) } - 7.69

Allowance for Deck Erections

	Length.	Length allowed.	Height.
Forecastle.....	<u>32.25</u>	<u>32.25</u>	<u>7 - 0</u>
Bridge House <u>OH</u>	<u>.50</u>	<u>.50</u>	
+ Raised Qr. Dk. <u>OH (4ft)</u>	<u>82.00</u>	<u>82.00</u>	<u>7 - 0</u>
Poop.....	<u>19.00</u>	<u>19.00</u>	<u>7 - 0</u>
Total	<u>136.75</u>	<u>136.00</u>	<u>= .4459</u>
Length of Ship	<u>305</u>	<u>305</u>	
Corresponding percentage { (Para. 11, 12, 13, or 14) }	<u>28.213</u>		

CORRECTION FOR LENGTH.

Length of Ship on Loadline..... 305
Length in Table 327
Difference 22
Correction for 10ft., Table A. 1.4 Table C. .7
× Difference divided by 10 3.08 (if required.) 1.54
If $\frac{1}{10}$ ths length covered divide by 2

CORRECTION FOR IRON DECK.

Proportion covered, if less than $\frac{1}{10}$ ths length covered4459
Thickness of usual wood deck, less stringer 3/2 - 1.56

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships..... 42.75
Round of Beam 10.75
Normal round..... 10.69
Difference06 ÷ 2 = .03
Proportion of Deck uncovered (Para. 19)5517
- .02

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

Freeboard, Table A 76.40
Correction for Sheer - 7.94
68.46
Correction for Length - 3.08
65.38
Allowance for Deck Erections - 7.69
57.69
Correction for Round of Beam..... - .02
57.67
Correction for fall in Sheer (if any).....
Correction for Steel Deck (if required) - 1.56
56.11
Additions for non-compliance with provisions of {
Para. 11 (d) and (e) }
Other Corrections (if any)

Winter Freeboard 56.11
Summer Freeboard 41 5/2 : 4.67 51.44
Indian Summer Freeboard 46.77
N. A. Winter Freeboard 58.12

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 " " " "
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>10.46</u>	Tropical Fresh Water Freeboard ...
Fresh Water Line ..	<u>5.79</u>	Fresh Water ..
Tropical Line ..	<u>4.67</u>	Tropical ..
Winter Line below ..	<u>4.67</u>	Winter ..
Winter North Atlantic Line ..	<u>6.67</u>	Winter North Atlantic ..

51.44