

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 Tonsberg
Date of Survey 7th July 1932
Name of Surveyor

Ship's Name.	Port of Registry and Nationality.	Official Number.	Gross Tonnage.	Date of Build.	Particulars of Classification.
<u>NORD</u>	<u>Tonsberg</u> <u>Norwegian</u>		<u>2042</u>	<u>1916/17</u>	<u>+100 A.1.</u>
Number in Register Book					

Registered dimensions from ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	<u>275</u>	<u>40.2</u>	<u>17.0</u>	<u>1551.62</u>

Length on LOADLINE.	MEAN Frame Depth	No. Ceiling	Peak
<u>275</u>	<u>32</u>	<u>+20</u>	<u>Tanks</u>
	Rule <u>5</u>	Sheer <u>+23</u>	Rise in Tank
	<u>2 x 32 = 64</u>	Revel <u>32</u>	frid <u>+5</u>
	<u>no span + 33</u>	Tank	

CORRECTED DIMENSIONS.	275.0	39.95	17.43	1556.62
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Co-efficient of fineness..... .813
Any modification necessary } .02 CDB
[Para. 4 (a) to (e)]* }
Co-efficient as corrected793Sheer { Stem..... 77.25 } $113.25 \div 2 = 56.625$ Mean .23
at { Sternpost 36.00 }
Sheer at $\frac{1}{2}$ of the length from { Stem 32.625 } $56.375 \div 2 = 28.1875$ Mean .55 = 45.80
{ Sternpost 17.75 }
Gradual mean Sheer 45.80
Standard mean Sheer [Table, Para. 18] 37.50 Correction
Difference..... 8.30 $\div 4 = 2.075$
§ If limited as Para. 18 (f) -2.075Rise in Sheer { At front of bridge house..... 1 3/4
from amidships { At after end of forecastle 3' - 5 7/8
[Para. 18 (e)]Fall in Sheer } $\div 2 =$
Para. 18 (d) } \checkmark
Length uncovered \checkmark Correction

ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C..... 16.00
Correction for Length, if required (Para. 12, 13, and 14) \checkmark
Freeboard by Table A, corrected for sheer, and for length, if required (Para. 11, 12, 13, and 14) 45.25
Difference 29.25
Percentage as below..... 57.11%
-16.70Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) +1"
Allowance for Deck Erections -15.70

	Length.	Length allowed.	Height.
Forecastle.....	<u>22.45</u>	<u>22.45</u>	<u>8'-0"</u>
Bridge House.....	<u>13.70</u>	<u>13.70</u>	<u>8'-0"</u>
† Raised Qr. Dk.....	<u>156.55</u>	<u>156.55</u>	<u>4'-6"</u>
Peep.....			
Total.....	<u>192.70</u>	<u>192.70</u>	
Length of Ship.....	<u>275</u>	<u>275</u>	<u>= .7008</u>
Corresponding percentage { (Para. 11, 12, 13, or 14) } <u>57.11%</u>			

Moulded Depth as measured..... 20'-0"

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.

CORRECTION FOR LENGTH.

Length of Ship on Loadline..... 275
Length in Table 240
Difference 35
Correction for 10ft., Table A. 1.2 Table C.
× Difference divided by 10 4.20 (if required.)
If $\frac{1}{10}$ ths length covered divide by 2 +2.10

CORRECTION FOR IRON DECK.

Proportion covered, if less than $\frac{1}{10}$ ths length covered7008
Thickness of usual wood deck, less stringer 3 1/2 = -3.50

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships..... 40'-0"
Round of Beam 10
Normal round..... 10
Difference $\checkmark \div 2 =$ \checkmark
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 47.325
Correction for Sheer -2.075
45.25
Correction for Length +2.10
47.35
Allowance for Deck Erections -15.70
31.65
Correction for Round of Beam..... \checkmark
Correction for fall in Sheer (if any)..... \checkmark
Correction for Steel Deck (if required) -3.50
28.15
Additions for non-compliance with provisions of {
Para. 11 (d) and (e) } \checkmark
Other Corrections (if any) \checkmark Winter Freeboard 28.15
Summer Freeboard $(28.15 + 3.20) = 31.35$ 24.95
Indian Summer Freeboard 21.75
N. A. Winter Freeboard 30.65

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:— 24.95 = 634 mm
Tropical Fresh Water Line above Centre of Disc 7.71 = 196 mm Tropical Fresh Water Freeboard ... 17.24 = 438 mm
Fresh Water Line " " 4.51 = 115 mm Fresh Water " " 20.44 = 519 mm
Tropical Line " " 3.20 = 81 mm Tropical " " 21.75 = 553 mm
Winter Line below " " 3.20 = 81 mm Winter " " 28.15 = 715 mm
Winter North Atlantic Line " " 5.70 = 145 mm Winter North Atlantic " " 30.65 = 779 mm