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W406-0094

Index No. 34014  
(For London Office only.)

# 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 24-10-32.  
Name of Surveyor

Ship's Name. "NEPTUNUS"	Port of Registry and Nationality. Groningen Dutch.	Official Number.	Gross Tonnage. 420	Date of Build. 1931	Particulars of Classification. +100 A-1.																																
Number in Register Book																																					
Registered dimensions from ship's Register.	LENGTH. 149.2	BREADTH. 25.58	DEPTH. 9.7	UNDER DECK TONNAGE. 309.45																																	
Length on LOADLINE.	148-7"	Frame Depth 4 Rule " 3 2 x 1 - 16 Spanning fitted	Ceiling fitted Sheer + 46	Peak } included Tanks }																																	
CORRECTED DIMENSIONS.	148.58	25.42	10.16	309.45																																	
Co-efficient of fineness..... 806 Any modification necessary [Para. 4 (a) to (e)]* CD13 Co-efficient as corrected ..... 79																																					
Sheer { Stem..... 59 } 87.25 ÷ 2 = 43.62...Mean 41.36 at { Sternpost ... 28 1/4 } 24.86 Sheer at 1/2 of the length from { Stem 31/8 } 45.5 ÷ 2 = 22.75...Mean 46 { Sternpost 14 3/8 } 22.75 ÷ 55 = 41.36 Gradual mean Sheer ..... 22.75 Standard mean Sheer [Table, Para. 18] ..... 14.92 Correction Difference..... 7.83 ÷ 4 = § If limited as Para. 18 (f) ..... 14.92 ÷ 4 = 1.86 = -1 3/4"																																					
Rise in Sheer { At front of bridge house..... 4 1/4" from amidships [Para. 18 (e)] { At after end of forecastle ..... 33 1/4"																																					
Fall in Sheer { 3/16" = 19' ÷ 2 = .09 Para. 18 (d) { 4' above Length uncovered ..... Nil Correction																																					
ALLOWANCE FOR DECK ERECTIONS:— Freeboard, Table C..... 0' 3 1/2" Correction for Length, if required (Para. 12, 13, and 14) ..... 3/4" Freeboard by Table A, corrected for shear, and for length, if required (Para. 11, 12, 13, and 14) } 1-9 Difference ..... 1-4 3/4" Percentage as below..... 25.48% 4.27"																																					
Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) Allowance for Deck Erections ..... - 4 1/2"																																					
<table border="1"> <thead> <tr> <th></th> <th>Length.</th> <th>Length allowed.</th> <th>Height.</th> </tr> </thead> <tbody> <tr> <td>Forecastle.....</td> <td>17' 5" + 2' 0" overhang</td> <td>18.99</td> <td>6' 10 1/2"</td> </tr> <tr> <td>Bridge House.....</td> <td>✓</td> <td>✓</td> <td>✓</td> </tr> <tr> <td>† Raised Q. Dk.....</td> <td>✓</td> <td>✓</td> <td>✓</td> </tr> <tr> <td>Poop.....</td> <td>39' 2" + 2' 0" overhang</td> <td>40.16</td> <td>6' 10 1/2"</td> </tr> <tr> <td>Total</td> <td>60.59</td> <td>59.15</td> <td></td> </tr> <tr> <td>Length of Ship</td> <td>148.58 = 408</td> <td>148.58</td> <td>3981</td> </tr> <tr> <td>Corresponding percentage { (Para. 11, 12, 13, or 14) }</td> <td>25.48%</td> <td></td> <td>3.185 eighths</td> </tr> </tbody> </table>							Length.	Length allowed.	Height.	Forecastle.....	17' 5" + 2' 0" overhang	18.99	6' 10 1/2"	Bridge House.....	✓	✓	✓	† Raised Q. Dk.....	✓	✓	✓	Poop.....	39' 2" + 2' 0" overhang	40.16	6' 10 1/2"	Total	60.59	59.15		Length of Ship	148.58 = 408	148.58	3981	Corresponding percentage { (Para. 11, 12, 13, or 14) }	25.48%		3.185 eighths
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Moulded Depth as measured..... 11' 4 3/16" Rule wood deck less stringer - 2 5/8" 11' 1 9/16" to use. Addition for Keel below base line for draught record..... 80 inches.																																					
CORRECTION FOR LENGTH. Length of Ship on Loadline..... 148.58 Length in Table ..... 133.56 Difference ..... 15.02 Correction for 10ft., Table A. .... 9 Table C. 5 x Difference divided by 10 ..... 1.35 (if required.) .75 If 1/10ths length covered divide by 2 + 1 1/4" + 3/4"																																					
CORRECTION FOR IRON DECK. Proportion covered, if less than 1/10ths length covered ..... 398 Thickness of usual wood deck, less stringer ..... 2 5/8" allowed in reduced moulded depth																																					
CORRECTION FOR ROUND OF BEAM. Breadth at Gunwale amidships..... 25' 5" Round of Beam ..... 9" Normal round..... 6.35" Difference ..... 2.65 ÷ 2 = 1.32" Proportion of Deck uncovered (Para. 19) ..... 1.32 x 59 = .78 - 3/4"																																					
Freeboard, Table A ..... 1' 7 3/4" Correction for Sheer ..... 1 3/4" Correction for Length ..... 1 1/4" Allowance for Deck Erections ..... 4 1/4" Correction for Round of Beam..... 3/4" Correction for fall in Sheer (if any)..... ✓ Correction for Steel Deck (if required) ..... ✓ Additions for non-compliance with provisions of Para. 11 (d) and (e) ‡ ..... ✓ Other Corrections (if any) ..... ✓																																					
Winter Freeboard ..... 1' 2 1/4" Summer Freeboard ..... 1' 0 3/4" Indian Summer Freeboard ..... ✓ 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 steel deck with side. NIL.																																					

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

Tropical Fresh Water Line above Centre of Disc ...	11 cm ✓	Tropical Fresh Water Freeboard ...	21 cm ✓
Fresh Water Line " " ...	7 cm ✓	Fresh Water " " " " ...	25 cm ✓
Tropical Line " " ...	4 cm ✓	Tropical " " " " ...	28 cm ✓
Winter Line below " " ...	4 cm ✓	Winter " " " " ...	36 cm ✓
Winter North Atlantic Line " " ...	9 cm ✓	Winter North Atlantic " " " " ...	41 cm ✓

26 OCT 1932

FW = 885 tons  
40 x 8 1/2 ftMARKING FORM  
129 APR 1935  
RECEIVEDMARKING FORM  
129 APR 1935  
RECEIVEDLloyd's Register  
Foundation  
1 NOV 1932