

# Lloyd's Register of Shipping.

## SURVEYS FOR FREEBOARD.—STEAM SHIPS.

RST 22002

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 **21-4-33.**

Name of Surveyor

Particulars of Classification.

+ 100 A. I.  
For Towing Services.

Ship's Name.	Port of Registry and Nationality.	Official Number.	Gross Tonnage.	Date of Build.	Particulars of Classification.
<b>MANCHE</b> <b>(S) SCHELDE</b>	<b>Rotterdam</b> <b>Dutch.</b>		<b>359</b>	<b>1926.</b>	
Number in Register Book					
Registered dimensions from Ship's Register.	LENGTH. <b>135.5</b>	BREADTH. <b>25.25</b>	DEPTH. <b>13.8</b>	UNDER DECK TONNAGE. <b>311.69</b>	
Length on LOADLINE.	<b>135.0</b>	Frame Depth <b>5</b> Rule <b>4</b> <b>2x 1</b> <b>- .17</b> <b>No Sparring.</b> <b>+ .33</b>	Ceiling <b>+ .20</b> Sheer <b>+ .57</b>	Peak } included Tanks }	
CORRECTED DIMENSIONS.	<b>135.0</b>	<b>25.41</b>	<b>14.57</b>	<b>311.69.</b>	

Coefficient of fineness..... **624**Any modification necessary }  
[Para. 4 (a) to (e)]\*Coefficient as corrected ..... **68 Lowest in Tables.**

Sheer { Stem..... **63"**  
at Sternpost ... **31"** }  $94 \div 2 = 47$  ... Mean **44.20**  
at  $\frac{1}{2}$  of the length from Stem **30.37** }  $62.48 \div 2 = 31.24$  **57**  
Sternpost **18.25** }  $48.62 \div 2 = 24.31$  ... Mean **44.20**

Gradual mean Sheer ..... **31.24**  
Standard mean Sheer [Table, Para. 18] ..... **15.96** Correction  
Difference..... **15.28**  $\div 4 =$   
If limited as Para. 18 (f) .....  $\frac{15.96}{2} \div 4 = 1.99 = -2"$

Rise in Sheer { At front of bridge house..... **1'-7 $\frac{3}{4}$ "**  
from amidships {  
Para. 18 (e)] { At after end of forecastle .....

Fall in Sheer {  
Para. 18 (d) }  $\div 2 =$   
Length uncovered ..... Correction

## ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C..... **0'-5 $\frac{1}{2}$ "**  
Correction for Length, if required (Para. 12, 13, and 14) ..... **2"**  
Freeboard by Table A, corrected for shear, and for length, if required (Para. 11, 12, 13, and 14) ..... **1'-11"**  
Difference ..... **1'-7 $\frac{1}{2}$ "**  
Percentage as below..... **11.08%**  
**2.16"**

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

Allowance for Deck Erections ..... **-2 $\frac{1}{4}$ "**

	Length.	Length allowed.	Height.
Forecastle.....	<b>12.0</b>	<b>12.0</b>	<b>6'-7"</b>
Bridge House .....	<b>46.75</b>	<b>11.68</b>	<b>6'-10"</b>
Raised Qr. Dk.....		<b>✓</b>	<b>✓</b>
Poop.....		<b>✓</b>	<b>✓</b>
Total .....	<b>58.75</b>	<b>23.68</b>	<b>135 = .175</b>
Length of Ship .....	<b>135</b>		
Corresponding percentage } (Para. 11, 12, 13, or 14)	<b>11.08%</b>		

Moulded Depth as measured..... **14'-6"**  
Rule Wood Deck less stringer = **3"**  
Wood Deck fitted = **2 $\frac{1}{2}$ "**  
Addition for Keel below base line **1 $\frac{1}{2}$ "**  
for draught record..... **7**..... inches. **14'-5 $\frac{1}{2}$ " to use.**

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..... **135'**  
Length in Table ..... **173.5'**  
Difference ..... **38.5'**  
Correction for 10ft., Table A. .... **1.0** Table C. **.5**  
 $\times$  Difference divided by 10 ..... **3.85** (if required.) **1.92**  
If  $\frac{1}{10}$ ths length covered divide by 2 **-3 $\frac{3}{4}$ "** **-2"**

## CORRECTION FOR IRON DECK.

Proportion covered, if less than  $\frac{1}{10}$ ths length covered ..... **3"**  
Thickness of usual wood deck, less stringer ..... **3"**  
**allowed in reduced moulded depth.**

## CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships..... **25.0**  
Round of Beam ..... **6"**  
Normal round..... **6 $\frac{1}{4}$ "**  
Difference ..... **1 $\frac{1}{4}$ "**  $\div 2 =$  **1 $\frac{1}{8}$ "**  
Proportion of Deck uncovered (Para. 19) ..... **56** ✓

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

Freeboard, Table A ..... **2'-2 $\frac{3}{4}$ "**  
Correction for Sheer ..... **2"**  
**2'-0 $\frac{3}{4}$ "**  
Correction for Length ..... **3 $\frac{3}{4}$ "**  
**1'-9"**  
Allowance for Deck Erections ..... **2 $\frac{1}{4}$ "**  
**1'-6 $\frac{3}{4}$ "**  
Correction for Round of Beam..... ✓  
Correction for fall in Sheer (if any)..... ✓  
**2 $\frac{1}{2}$ " Sheathing on**  
Correction for Steel Deck (if required) **allowed in reduced moulded depth.**  
Additions for non-compliance with provisions of }  
Para. 11 (d) and (e) }  
Other Corrections (if any) .....

Winter Freeboard ..... **1'-6 $\frac{3}{4}$ "**  
Summer Freeboard ..... **1'-5 $\frac{1}{4}$ "**  
Indian Summer Freeboard ..... **1'-3 $\frac{3}{4}$ "**  
N. A. Winter Freeboard ..... **1'-8 $\frac{3}{4}$ "**

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. **N.L.**

Winter Freeboard from deck line .....  
Summer " " " .....  
Indian Summer " " " .....  
N. A. Winter " " " .....

**87-B**  
**22-4-33**

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

Tropical Fresh Water Line above Centre of Disc ...	<b>12.7</b>	<b>13%</b>
Fresh Water Line " " ...	<b>8.9</b>	<b>9%</b>
Tropical Line " " ...	<b>3.8</b>	<b>4%</b>
Winter Line below " " ...	<b>3.8</b>	<b>4%</b>
Winter North Atlantic Line " " ...	<b>8.8</b>	<b>9%</b>

Tropical Fresh Water Freeboard ...	<b>43%</b>	<b>432</b>
Fresh Water " " ...	<b>30%</b>	<b>305</b>
Tropical " " ...	<b>34%</b>	<b>343</b>
Winter " " ...	<b>39%</b>	<b>394</b>
Winter North Atlantic " " ...	<b>47%</b>	<b>476</b>
	<b>52%</b>	<b>520</b>

MARKING FORM  
RECEIVED  
24/9/35  
- 4 JUN 1935  
MARKING FORM  
RECEIVED  
19 JUN 1935

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