

Copy written

Rpt. 11b.

Amended Report

18485

Lloyd's Register of British & Foreign Shipping.

SURVEYS FOR FREEBOARD.

PARTICULARS IN RESPECT OF STEAM SHIPS WITH TOP GALLANT FORECASTLES, HAVING LONG POOPS OR RAISED QUARTER DECKS CONNECTED WITH BRIDGE HOUSES, OR SHORT POOP AND BRIDGE HOUSE DISCONNECTED, OR BRIDGE HOUSE.

Port of Survey Bremerhaven
Date of Survey 27th Oct 1906
Name of Surveyor J. Thomsen

Delete words which do not apply.

Ship's Name. ROTENFELS	Gross Tonnage.	Official Number.	Type of Ship. <u>2 Dk</u> <u>web fr</u>	Date of Build. <u>1906</u>	Particulars of Classification. <u>100 A 1 Spar Dk</u>
Number in Register Book <u>Supp 30</u>					

Registered Length as shown by ship's register. { 420 Breadth 55.0 Depth 28.57

Length on Loadline 420
Breadth 55.0
Depth 28.57
16 for deeper frames
54.84

Correction for excess or deficiency Gradual Sheer (Para. 3) 28.6
43
29.03

Tons and Dk. 5379
 $\times 100$

Depth to be used 29.03

Efficient of fineness .80
Modification necessary [Para. 4 (a) to (e) *] 603
Efficient as corrected .78

Stem... 116
Sternpost... 43.5
 $159.5 \div 2 = 79.75$...Mean

at $\frac{1}{2}$ of the length from { Stem 57.5
Sternpost 6.75 } $74.25 \div 2 = 37.12$...Mean

Standard Sheer 67.48
Standard Sheer (Table, Para. 18) 52.0 Correction
Difference 15.48 $\div 4 = -3\frac{3}{4}$

Increase in Sheer { At front of bridge house... 11\frac{1}{2}
amidships {
at end of forecastle... 59

ALLOWANCE FOR DECK ERECTIONS :—

Freeboard, Table C... 4 - 10\frac{1}{2}
Correction for Length, if required (Para. 12 and 18) + 3\frac{3}{4}
Freeboard by Table A, corrected for sheer, and for length, if required (Para. 12 and 18) 8 - 4\frac{3}{4}
Difference 3 - 2\frac{1}{2}
Percentage as below 34.4%

Correction for engine and boiler openings not being covered by bridge house, in cases coming under Para. 11 1 - 1\frac{1}{4}

Allowance for Deck Erections

	Length.	Length allowed.	Height.
Forecastle...	<u>51.25</u>	<u>51.25</u>	<u>7.3</u>
Bridge House	<u>112.5</u>	<u>112.5</u>	"
Raised Qr. Dk.			
Op.	<u>58.33</u>	<u>58.33</u>	
Total		<u>222.08</u>	
Length of Ship		<u>420.0</u>	<u>.53</u>

Responding percentage { 34.4%
Para. 11, 12, or 18.)

FREEBOARD recommended amidships from centre of Disc to top of Statutory Deck Line, Wood (Iron) Deck :—

Fresh Water Line	above centre of Disc	...
Indian Summer Line	" " "	...
Winter Line	below " "	...
Winter North Atlantic Line	" " "	...

Moulded Depth as measured 31.2
3 Teak sheathing clear of erections
MD to use
31.1\frac{1}{2}

CORRECTION FOR LENGTH.

Length of Ship on Loadline 420
Length in Table 373.5
Difference 46.5

Correction for 10ft., Table A. 1.6 Table C. .8
 \times Difference divided by 10 0.16 (if required.)
If $\frac{1}{10}$ ths length covered divide by 2 + 7\frac{1}{2} for vessels coming under Para. 11 and Para. 12 + 3\frac{3}{4}

CORRECTION FOR IRON DECK.

Proportion covered, if less than $\frac{1}{10}$ ths length covered 3\frac{1}{2}
Thickness of usual wood deck, less stringer 3\frac{1}{2}
3 Teak sheathing clear of erections
Thickness allowed in reduced Mld Depth
Correction - 3

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships 55
Round of Beam 1\frac{1}{4}
Normal round 1\frac{1}{4}
Difference 0 $\div 2 =$ 0

Proportion of Deck uncovered (Para. 19) 0

Freeboard, Table A 8 - 1\frac{1}{2}
Correction for Sheer - 3\frac{3}{4}
Correction for Length + 7\frac{1}{2}
Allowance for Deck Erections 8 - 4\frac{3}{4}
Correction for Round of Beam 1 - 1\frac{1}{4}
Correction for Iron Deck (if required) 7 - 3\frac{1}{2}
Additions for non-compliance with provisions of {
Para. 11 (d) and (e) $\frac{1}{4}$
Other corrections (if any) 0

Winter Freeboard 7 - 0\frac{1}{2}
Summer Freeboard 6.7
N.A. Winter Freeboard 7 - 0\frac{1}{2}

Correction necessary because clear side amidships measured in accordance with the Statutes is not taken at the intersection of the wood or iron deck with side. 2

Winter Freeboard from deck line \S 7 - 2\frac{1}{2}
Summer " " " 6.9
N.A. Winter, " " " 7 - 2\frac{1}{2}

Amended Tables
March, 1906.

MARKING REPORT
Lloyd's Register
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609161-009169-0116