

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.~~

Delete words which do not apply.

Port of Survey BremerhavenDate of Survey 27th Oct 1906Name of Surveyor J. Thomson

Ship's Name.	Gross Tonnage.	Official Number.	Type of Ship.	Date of Build.	Particulars of Classification.
<u>"ROTENFELS"</u>			<u>20th</u>	<u>1906</u>	<u>100 A1. Spar Dh</u>
Number in Register Book <u>Supp 30</u>			<u>web for</u>		

Registered Length as shown by ship's register. 420 Breadth 55.0 Depth 28.57Length on Loadline 420Breadth 55- .16 for deeper frames
54.84Depth 28.6Correction for excess or deficiency of Gradual Sheer (Para. 3) - .43Depth to be used 29.03Tons und. Dk. 53795200

× 100

Co-efficient of fineness 78 80Any modification necessary [Para. 4 (a) to (e) *] 803Co-efficient as corrected 7678Sheer { Stem... 116
at { Sternpost... 13.5 } 159.5 ÷ 2 = 79.75 MeanSheer at $\frac{1}{2}$ of the length from { Stem 57.5
Sternpost 16.75 } 74.25 ÷ 2 = 37.12 MeanGradual Sheer 67.48Standard Sheer (Table, Para. 18) 52.0

Correction

Difference 15.48 ÷ 4 = - 3 $\frac{3}{4}$ Rise in Sheer { At front of bridge house... 11 $\frac{1}{2}$
from amidships {
[Para. 18 (e)] { At after end of forecastle 59

ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C. 4-10 $\frac{1}{2}$ 4-10
 Correction for Length, if required (Para. 12 and 13) 3 $\frac{3}{4}$ 3 $\frac{3}{4}$
5-2 $\frac{1}{2}$ 5-13 $\frac{1}{4}$
 Freeboard by Table A, corrected for sheer, and for length, 8-4 $\frac{1}{4}$ 8-3 $\frac{1}{2}$
 if required (Para. 12 and 13) 3-2 $\frac{1}{2}$ 3-1 $\frac{1}{2}$
 Difference 3-2 $\frac{1}{2}$ 3-1 $\frac{1}{2}$
 Percentage as below 34.29

Correction for engine and boiler openings not being covered by bridge house, in cases coming under Para. 11 13 $\frac{1}{2}$ 13 $\frac{1}{2}$ Allowance for Deck Erections 13 $\frac{1}{2}$ 13 $\frac{1}{2}$

Length. Length allowed. Height.

Forecastle 51.25 51.25 7-3Bridge House 112.5 112.50 7-3† Raised Qr. Dk. 58.33 58.33 7-3Poop 58.33 58.33 7-3Total 222.08 420 53Length of Ship 420 53Corresponding percentage (Para. 11, 12, or 13) 34.29

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 $\frac{1}{2}$ 3" Teak sheathing clear of erections77 D to use- $\frac{1}{2}$ 31-1 $\frac{1}{2}$

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 420Length in Table 373.5Difference 46.5Correction for 10ft., Table A. 1-6Table C. 8× Difference divided by 10 + 7 $\frac{1}{2}$

(if required.)

If $\frac{1}{10}$ ths length covered divide by 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 coveredThickness 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 14"Normal round 14"Difference ✓ ÷ 2 =

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

Proportion of Deck uncovered (Para. 19) ✓

Freeboard, Table A 7-11 $\frac{1}{2}$ 8-1
 Correction for Sheer - 3 $\frac{3}{4}$ 3 $\frac{3}{4}$
7-7 $\frac{3}{4}$ 7-9 $\frac{1}{2}$
 Correction for Length + 7 $\frac{1}{2}$ + 7 $\frac{1}{2}$
8-3 $\frac{1}{2}$ 8-4 $\frac{1}{4}$
 Allowance for Deck Erections - 1-1 1-1 $\frac{1}{2}$
7-2 $\frac{1}{2}$ 7-3 $\frac{1}{2}$

Correction for Round of Beam ✓Correction for Iron Deck (if required) - 3 - 3
6-11 $\frac{1}{2}$ 7-0 $\frac{1}{2}$

Additions for non-compliance with provisions of Para. 11 (d) and (e) †

Other corrections (if any)

Winter Freeboard 6-11 $\frac{1}{2}$ 7-0 $\frac{1}{2}$ Summer Freeboard 6-5 $\frac{3}{4}$ 6-7N.A. Winter Freeboard ✓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. 2Winter Freeboard from deck line § 7-1 $\frac{1}{4}$ 7-2 $\frac{1}{2}$ Summer " " " 6-7 $\frac{3}{4}$ 6-9N.A. Winter, " " " ✓6-9 6-7 $\frac{1}{2}$ 5 $\frac{1}{2}$ 5 $\frac{1}{2}$ 5 $\frac{1}{2}$ 5 $\frac{1}{2}$ Amended TablesMarch, 1908State dimensions of freeing port area on back of this formMarked in accordance with Sec. 437, M. S. Act, 1894009161-009169-0122

the frames' skin planking or ceiling are of unusual thickness the breadth of vessel to inside of ceiling should be reported if possible.
 † In vessels obtaining an allowance for deck erections under Para. 11 where the sheer drops abaft amidships the height of the R.Q.D. is to be taken from the level of the top of the amidship beam.

2m.A.A.-T. Copy to Surveyor 31.10.06
In Port of Bremerhaven