

24258

Lloyd's Register of British & Foreign Shipping.

SURVEYS FOR FREEBOARD.

PARTICULARS IN RESPECT OF STEAM SHIPS HAVING SPAR OR AWNING DECKS.

Port of Survey Middlesbrough
Date of Survey 21 Jan 1915
Name of Surveyor _____

Ship's Name. <u>Richardson Duck & Co</u>	Port of Registry and Nationality. -	Official Number. -	Gross Tonnage. -	Date of Build. -	Particulars of Classification. <u>+ 100 A.1. Shelter deck with freeboard.</u>
Number in Register Book <u>S. No 657.</u>					

REGISTERED DIMENSIONS FROM REGISTER.	LENGTH. <u>400.</u>	BREADTH. <u>57.5</u>	DEPTH. <u>25.04</u>	UNDER DECK Tonnage. <u>4314</u> (no guinea)
LENGTH ON LOAD LINE.	<u>399.5</u>	Frame Depth Rule $\frac{11}{52}$ <u>52</u>	Ceiling <u>+20</u> Sheer <u>1.13</u> <u>Level Tank</u>	Peak Tanks
CORRECTED DIMENSIONS.	<u>399.5</u>	<u>50.58</u>	<u>26.37</u>	<u>4317</u>

Moulded Depth as measured ^{given}	<u>27-6</u>	Main Deck.
" " "	<u>35-5 1/2</u>	Spar or Awning Deck.

NOTE.—If the depth is measured when vessel is afloat, the details of measurement should be reported.

Co-efficient of fineness 81
Any modification necessary [Para. 4 (a) to (e)*] } Cell & Bottom
Co-efficient as corrected 79

CORRECTION FOR LENGTH:—

Length of Ship on Load Line.....	<u>399.5</u>
Length in Table	<u>330</u>
Difference.....	<u>69.5</u>
Correction for 10ft.....	<u>4</u>
× Difference ÷ 10 =	<u>4.86</u>
	<u>+ 1 3/4</u>

Allowance for strength in excess of Lloyd's rules = 15 1/2
(1/4 Calculations)

Height of 'Tween Decks..... 4 - 11 1/2
(From top of beam to top of beam at side)
Correction for Height of 'Tween Decks in Spar-decked Ships.....

Freeboard Table R & C	<u>3 - 6 1/4</u>
Correction for Length.....	<u>+ 4 3/4</u>
Correction for Height of 'Tween Decks in Spar-decked Ships.....	<u>3 - 11 1/2</u>
	<u>7 - 11 1/2</u>
	<u>11 - 10 1/2</u>
	<u>1 - 3 1/2</u>
Correction for Strength in excess of Lloyd's rules.....	<u>10 - 7</u>
(<u>1/4 Calculations</u>)	<u>- 3 1/2</u>
Correction for Iron Deck if required.....	<u>10 - 3 1/2</u>
Other Corrections (if any).....	
Winter Freeboard.....	<u>10 - 3 1/2</u>
Summer Freeboard.....	<u>9 - 9 1/2</u>
Indian Summer Freeboard.....	<u>9 - 3 1/2</u>
N. A. Winter Freeboard.....	<u>✓</u>

Gradual Mean Sheer = 90.9
Standard " " = 49.98
36 / 40.95
1.13

Sheer at Stem 120 } 90. at 1/4 length from Stem 66.57 } = 50
Sternpost... 60 } " " " Sternpost... 33.57 }

Drop in Sheer abaft amidships.....

Round of Spar-deck Beam.....	
" " Main-deck "	
Length × Height.	State if open or closed at ends.
Forecastle	×
Bridge.....	×
Poop.....	×

Correction necessary because clearside amidships measured in accordance with the Statute is not taken at intersection of the ~~water~~ iron deck with side } + 1 3/4

Winter Freeboard from Deck Line	<u>10 - 5 1/4</u>
Summer " "	<u>9 - 11 1/4</u>
Indian Summer " "	<u>9 - 5 1/4</u>
N.A. Winter " "	<u>✓</u>
	<u>9 - 11</u>

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

Fresh Water Line	above centre of Disc	<u>6 1/2</u>
Indian Summer Line	" " "	<u>6</u>
Winter Line	below " "	<u>6</u>
Winter North Atlantic Line	" " "	<u>✓</u>

NOTE.—All vessels equal in strength to Lloyd's Spar-decked rule, or which, although in excess of that rule, do not come up to Lloyd's requirements for Ships of full scantlings to the upper deck, are to be considered as Spar-decked Ships, the freeboard for which will vary with their strength.
All vessels equal in strength to Lloyd's Awning-decked rule, or which, although in excess of that rule, do not come up to Lloyd's requirements for a Spar-decked Vessel, are to be considered as Awning-decked Ships, the freeboard for which will vary with their strength.
* If the frames, skin planking, or ceiling are of unusual thickness the breadth of vessel to inside of ceiling, should be reported if possible.

Amended plans submitted
requirements approved 21/1/16
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