

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

Name of Surveyor

Ship's Name	Port of Registry and Nationality.	Official Number.	Gross Tonnage.	Date of Build.	Particulars of Classification.
<i>Yorkshire</i> No 509. Number in Register Book					

Registered Dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
		58.35	40.40	<i>Long 8979.24</i>

Length on LOADLINE.	Frame Depth Rule	Ceiling	Peak	Peak Tanks
481.5	7	+0.20	✓	Included
	$2 \times \frac{1}{16}$			60.0

CORRECTED DIMENSIONS.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
481.5	58.19	40.60		8919.24

Co-efficient of fineness.....784

Any modification necessary
[Para. 4 (a) to (e)]*

Co-efficient as corrected78

Sheer { Stem.....102" }
at { Sternpost ... 30" } $132 \div 2 = 66"$...Mean

Sheer at $\frac{1}{2}$ of the length from { Stem 55" }
Sternpost 9" $64 \div 2 = 32"$...Mean
 $\div 55 = 58.18$

Gradual mean Sheer58.18

Standard mean Sheer [Table, Para. 18]58.15

Difference..... $\div 4 =$

§ If limited as Para. 18 (f)

Rise in Sheer { At front of bridge house..... }
from amidships { At after end of forecastle

Fall in Sheer { Para. 18 (d) } $3 \div 2 = 1\frac{1}{2}"$

Length uncovered Correction $1\frac{1}{2}"$

ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C.....

Correction for Length, if required (Para. 12, 13, and 14)

Freeboard by Table A, corrected for sheer, and for length, if required (Para. 12, 13, and 14) }

Difference

Percentage as below.....

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

Allowance for Deck Erections

	Length.	Length allowed.	Height.
Forecastle.....			
Bridge House			
Raised Qr. Dk.....			
Poop.....			
Total			

Length of Ship

Corresponding percentage {
(Para. 11, 12, 13, or 14) }

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	"	"	"

If 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.
In flush-decked vessels the total standard mean sheer means the sheer measured at the stem and sternpost. In vessels having poops and forecastles, it means the sheer measured at points distant one-eighth of the vessel's length from stem and sternpost.

Moulded Depth as measured..... $43'-7\frac{1}{2}"$
3" Sheathing
 $\frac{1}{2}$
 $43'-7$ to use

Addition for Keel below base line for draught record..... $1\frac{1}{2}"$inches.

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.....481.5
Length in Table523.5
Difference41.5
Correction for 10ft., Table A.....1.7
× Difference divided by 107.14
If $\frac{1}{10}$ ths length covered divide by 27

CORRECTION FOR IRON DECK.

Proportion covered, if less than $\frac{1}{10}$ ths length covered
Thickness of usual wood deck, less stringer

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships.....56.8
Round of Beam..... $8\frac{1}{2}"$
Normal round.....14.2
Difference $5.7 \div 2 = 2.85$
Proportion of Deck uncovered (Para. 19) $2\frac{3}{4}"$

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

Freeboard, Table A $12'-10\frac{3}{4}"$
Correction for Sheer

Correction for Length $12'-3\frac{3}{4}"$
Allowance for Deck Erections

Correction for Round of Beam..... $12'-6\frac{1}{4}"$
Correction for fall in Sheer (if any)..... $12'-7\frac{3}{4}"$

Correction for Iron Deck (if required)

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

Other Corrections (if any)

Winter Freeboard $12'-7\frac{3}{4}"$
Summer Freeboard $11'-11\frac{3}{4}"$

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 iron deck with side. $1"$

Winter Freeboard from deck line $12'-8\frac{3}{4}"$
Summer " " " " $12'-0\frac{3}{4}"$

Indian Summer " " " "
N. A. Winter " " " "

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

Allowance for Deck Erections

Freeboard by Table A, corrected for sheer, and for length, if required (Para. 12, 13, and 14) }

Difference

Percentage as below.....

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