

ProvisionalIndex No. **30872**
(For London Office only.)

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 16th April 1923
Name of Surveyor NEW RULES.

Ship's Name Messrs Harland & Wolffs
Proposed 440ft. T.S.M.V.
Number in Register Book _____
Port of Registry and Nationality. Dimensioning subsequently altered + 100 A. 1.
Official Number. _____
Gross Tonnage. _____
Date of Build. _____
Particulars of Classification. Contemplated
and ship built by B&W. Henderson.

Registered dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	<u>439.75</u>	<u>57.35</u>	<u>35.67</u>	<u>7000</u>
Length on LOADLINE.	<u>439.75</u>	Frame Depth <u>12</u> Rule „ <u>1</u> <u>3</u> <u>x 2 = .83</u>	Ceiling <u>fixed</u> Sheer <u>+ .57</u> <u>Level Tank</u>	Peak Tanks
CORRECTED DIMENSIONS.	<u>439.75</u>	<u>56.52</u>	<u>36.24</u>	<u>7000</u>

Co-efficient of fineness..... .447
Any modification necessary { C.O.B
[Para. 4 (a) to (e)]* }
Co-efficient as corrected76 provisionally

Sheer { Stem..... 103
at { Sternpost ... 49 } 152 ÷ 2 = 76 ... Mean
Sheer at $\frac{1}{2}$ of the length from { Stem 58
Sternpost 24 } 82 ÷ 2 = 41 ... Mean
Gradual mean Sheer 74.54
Standard mean Sheer [Table, Para. 18] 53.97 Correction
Difference..... 20.57 ÷ 4 = 5.14
§ If limited as Para. 18 (f) - 5 1/4

Rise in Sheer { At front of bridge house.....
from amidships {
[Para. 18 (e)] { At after end of forecastle

¶ Fall in Sheer { 1 1/2 ÷ 2 = 3/4
Para. 18 (d) {
Length uncovered Correction + 3/4

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.....	<u>43.0</u>		
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 given 38' 7 1/2
Wood br less 8 1/2 : 3 1/2
Addition for Keel below base line 38' 4 true
for draught record.....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..... 439.75
Length in Table 460.0
Difference 20.25
Correction for 10ft., Table A. 1.4 Table C.
× Difference divided by 10 3.44 (if required.)
If $\frac{1}{10}$ ths length covered divide by 2 - 3 1/2

CORRECTION FOR IRON DECK.

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

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships..... 55'-6"
Round of Beam 12"
Normal round..... 18.875
Difference 1.875 ÷ 2 = .937
Proportion of Deck uncovered (Para. 19) + 1"

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

Freeboard, Table A 10' 10 3/4
Correction for Sheer - 5 1/4
10' 5 1/2
Correction for Length - 3 1/2
10' 2
Allowance for Deck Erections ✓
Correction for Round of Beam..... + 1
10' 3
Correction for fall in Sheer (if any)..... + 3/4
10' 3 3/4
Correction for Iron Deck (if required) allowed in reduced med. Depth.
Additions for non-compliance with provisions of {
Para. 11 (d) and (e) † }
Other Corrections (if any)

Winter Freeboard 10' 3 3/4
Summer Freeboard 9' 8 3/4
Indian Summer Freeboard 9' 1 3/4
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.

Winter Freeboard from deck line 10' 5 1/2
Summer „ „ „ 9' 10 1/2
Indian Summer „ „ „ 9' 3 1/2
N. A. Winter „ „ „ ✓
9' 10 1/2

† State dimensions of freeing port area on back of this form.

‡ The Surveyor should state whether the fall in sheer as reported is measured relatively to the straight line of keel or to the water line. If measured relatively to water line the vessel's draft at time of survey, and also the usual load draft forward and aft should be reported.