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 8 Feb 1916

Name of Surveyor

Ship's Name.	Port of Registry and Nationality.	Official Number.	Gross Tonnage.	Date of Build.	Particulars of Classification.
Maryland Steel Co's S/S Nos 158 + 159. Number in Register Book					+ 100 A1. Shelter deck. (Carrying petroleum in bulk)

Registered dimensions from Ship's Register.	Length.	Breadth.	Depth.	Under Deck Tonnage.
	500	68·25	34·45	9866·11.
Length on Loadline.	499·5	Frame Depth 9.1 Rule " 7/2·1 = ·35 No Sparring +·33	No Ceiling +20 Sheer +·13	Peak Tanks
Corrected Dimensions.	499·5	68·23	✓	✓

Moulded Depth as measured ..... 38'-0" ✓
-3½ ✓
34-8½ ✓

39-2
1-5
34-9 to Load.

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

Co-efficient of fineness .....

Any modification necessary [Para. 4 (a) to (e)]* ·84 Given by Builders

Co-efficient as corrected ..... ·82. Highest on Table.

CORRECTION FOR LENGTH.

Length of Ship on Loadline ..... 499·5 ✓
Length in Table ..... 452·5 ✓
Difference ..... 47·0 ✓
Correction for 10ft., Table A. ..... 1·7 ✓ Table C.
× Difference divided by 10 ..... (if required.)
If 6/10ths length covered divide by 2 +8" ✓

Sheer { Stem ..... 112 ✓ / Sternpost ... 31 ✓ } 143 ✓ ÷ 2 = 71·5 ✓ ...Mean

64·54
59·95
36 | 4·59
·13

Sheer at ⅛ of the length from { Stem 59 ✓ / Sternpost 12 ✓ } 71 ✓ ÷ 2 = 35½ ✓ ...Mean

Gradual mean Sheer ..... 64·54 ✓ ÷ 55 = 64·54.

Standard mean Sheer [Table, Para. 18] ..... 59·95 ✓ Correction

Difference ..... 4·59 ✓ ÷ 4 =

§ If limited as Para. 18 (f) ..... −1¼ ✓

CORRECTION FOR IRON DECK.

Proportion covered, if less than 7/10ths length covered .....

Thickness of usual wood deck, less stringer ..... Allowed in reduced Moulded depth. ✓

CORRECTION FOR ROUND OF BEAM.

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

Breadth at Gunwale amidships ..... 66·6 ft.
Round of Beam ..... 14 ~~in 68 ft~~ ft
Normal round ..... 17 ~~16·65~~ 17
Difference ..... 3 ~~3. 2·65~~ ÷ 2 = ... ~~+·32.~~ 1½ 1½
Proportion of Deck uncovered (Para. 19) ..... +1¼½ ✓

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

¶ Fall in Sheer Para. 18 (d) } 5" ÷ 2 = 2½"

Length uncovered ..... + 2½ Correction

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, Table A	11 - 0 ✓
Correction for Sheer	−1¼ ✓
	10 · 10¾ ✓
Correction for Length	+8 ✓
	11 - 6¾ ✓
Allowance for Deck Erections	✓
Correction for Round of Beam	+1¼½ ✓ 1½
	11 - 8¼ ✓
Correction for fall in Sheer (if any)	+2½ ✓
	11 - 10½¾ ✓
Correction for Iron Deck (if required)	✓
Additions for non-compliance with provisions of Para. 11 (d) and (e) ‡	✓
Other Corrections (if any)	✓

Winter Freeboard	11 - 10½¾ ✓ 10¾
Summer Freeboard	11 - 3½¾ ✓ 3¾
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. } +1½ ✓

Winter Freeboard from deck line	12 - 0¼
Summer " " " "	11 - 5¾ ✓ 11-5¼
Indian Summer " " "	
N.A.Winter " " " "	

38-0
2
38-2
11-5
26-9
Keel = +2
26-11

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 stern-post. In vessels having poops and forecastles, it means the sheer measured at points distant one eighth of the vessel's length from stem and stern-post.

† 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.

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