

Lloyd's Register of British & Foreign Shipping.

SURVEYS FOR FREEBOARD.—STEAM SHIPS.

22701

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 Copenhagen
Date of Survey 4th Dec 1912
Name of Surveyor

Ship's Name	Port of Registry and Nationality	Official Number	Gross Tonnage	Date of Build	Particulars of Classification
Burmeister & Wain No 293					100A.1. Auring deck with freeboard contemplated
Number in Register Book					
Registered dimensions from Ship's Register.	Length. 395	Breadth. 53.2	Depth. 27.19 about ceiling	Under Deck Tonnage. 4330	Moulded Depth as measured given 30.0
Length on LOADLINE.	394.95	Frame Depth 9½ Rule 6 $\frac{3}{2}$ = - .58	Ceiling fitted Sheer + .27 depth to inner bottom 27.56 Level tank	Peak Tanks	NOTE. — If the depth is measured when vessel is afloat, the details of measurement should be reported.
CORRECTED DIMENSIONS.	394.95	52.62	27.83	4330	
Co-efficient of fineness	7486		59.09		
Any modification necessary [Para. 4 (a) to (e)]*	{ Cell AB		49.49		
Co-efficient as corrected	73 Provisionally		36 9.60		

Sheer { Stem 6.2 at Sternpost 3.3 } 9.5 ÷ 2 = 56.5 Mean	
Sheer at $\frac{1}{2}$ of the length from { Stem 3.5 $\frac{3}{4}$ Sternpost 1.1 $\frac{1}{4}$ } 5.5 ÷ 2 = 32.5 Mean $\div .55 = 59.09$	
Gradual mean Sheer allowed 57.79	
Standard mean Sheer [Table, Para. 18] 49.49	Correction
Difference 8.30 ÷ 4 = - 2	
§ If limited as Para. 18 (f)	2.07

Rise in Sheer { At front of bridge house from amidships }	
[Para. 18 (e)] At after end of forecastle	
¶ Fall in Sheer { Para. 18 (d) }	÷ 2 =
Length uncovered	Correction

ALLOWANCE FOR DECK ERECTIONS :		
Freeboard, Table C.	4.25	4 .. 3 $\frac{1}{4}$
Correction for Length, if required (Para. 12, 13, and 14)	7.9	+ 2 $\frac{3}{4}$
4 - 6.04		
Freeboard by Table A. corrected for sheer, and for length, if required (Para. 12, 13, and 14)	7.767	4 .. 6
Difference	3.163	7 .. 7 $\frac{3}{4}$
Percentage as below.	14.45	3 .. 1 $\frac{3}{4}$
	14.45	38.4%
	14.45	14 $\frac{1}{2}$

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11)	
Allowance for Deck Erections	14 $\frac{1}{2}$
Length.	Length allowed.
Forecastle	41.1
Bridge House (125 closed)	172.11
+ Raised Qr. Dk.	160.41
Poop	27.87
Total	229.36
Length of Ship	394.95
Corresponding percentage (Para. 11, 12, 13, or 14)	38.4%

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 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.