

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 Johannesburg
Date of Survey 18.2.22
Name of Surveyor _____

Ship's Name.	Port of Registry and Nationality.	Official Number.	Gross Tonnage.	Date of Build.	Particulars of Classification.
<u>Brikeberg's Proposed S. S. for Mr. Dan Bradburn</u>	<u>350 x</u>	<u>50-6 x</u>	<u>28-0 mtd.</u>		
Number in Register Book					

Registered dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
Length on LOADLINE.		Frame Depth Rule	Ceiling Sheer	Peak Tanks
CORRECTED DIMENSIONS.	<u>350</u>			

Moulded Depth as measured..... 28-0
wood dk.
less str.
Addition for Keel below base line for draught record.....inches. 27-8 1/2

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

CORRECTION FOR LENGTH. 350
336
Length of Ship on Loadline..... 350
Length in Table 332.5
Difference 17.5 + 1.96 + .98
Correction for 10ft., Table A. 1.4 Table C. .7
× Difference divided by 10 2.44 (if required.) 1.225
If 1/10ths length covered divide by 2 + 2 1/2 + 1 1/4

CORRECTION FOR IRON DECK.
Proportion covered, if less than 1/10ths length covered allowed in
Thickness of usual wood deck, less stringer med. 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.....
Round of Beam Assumed
Normal round..... normal
Difference ÷ 2 =
Proportion of Deck uncovered (Para. 19)

Freeboard, Table A 6-10 1/2
Correction for Sheer 6-9
Correction for Length 6-3 1/2
Allowance for Deck Erections 6-4 1/2
Correction for Round of Beam..... 5-9 1/2
Correction for fall in Sheer (if any).....
Correction for Iron Deck (if required) 5-7 1/2
Additions for non-compliance with provisions of {
Para. 11 (d) and (e) ‡
Other Corrections (if any) 75%

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
Winter Freeboard
Summer Freeboard
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 steel deck with side. 1 1/4

Winter Freeboard from deck line 5-10 1/4
Summer " " " " 5-5 1/2
Indian Summer " " " "
N. A. Winter " " " "
Wood (Steel) Deck :— 5-6 5-5 1/4

FREEBOARD recommended amidships from centre of Disc to top of Statutory Deck Line, Wood (Steel) Deck :—
Fresh Water Line above centre of Disc
Indian Summer Line " " " "
Winter Line below " "
Winter North Atlantic Line " " " "

† 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.

Co-efficient of fineness..... Block Coeff. .80
Any modification necessary {
[Para. 4 (a) to (e)]*
Co-efficient as corrected Ray .80
Sheer { Stem..... 102
at { Sternpost .. 45 } 147 ÷ 2 = 73.5 Mean
Sheer at 1/3 of the length from { Stem assumed
Sternpost gradual } ÷ 2 Mean
Gradual mean Sheer
Standard mean Sheer [Table, Para. 18] 45 Correction
Difference..... 28.5 ÷ 4 =
§ If limited as Para. 18 (f) - 7 1/2

Rise in Sheer { At front of bridge house.....
from amidships { At after end of forecastle 4/31.75
[Para. 18 (e)] 7.95
Fall in Sheer {
Para. 18 (d) } ÷ 2 =
Length uncovered Correction

ALLOWANCE FOR DECK ERECTIONS :— 3-7 1/4
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..... 33 33
Bridge House 71 73.5
† Raised 2 31
Poop..... 31
Total 187.5
Length of Ship 350
Corresponding percentage {
(Para. 11, 12, 13, or 14) } 24.56%

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..... 33 33
Bridge House 71 73.5
† Raised 2 31
Poop..... 31
Total 187.5
Length of Ship 350
Corresponding percentage {
(Para. 11, 12, 13, or 14) } 24.56%

FREEBOARD recommended amidships from centre of Disc to top of Statutory Deck Line, Wood (Steel) 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.