

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 Rotterdam
Date of Survey Building
Name of Surveyor J. van Herwerden

Ship's Name. S.S. "SIMÓN BOLÍVAR"		Port of Registry and Nationality. "Amsterdam" Dutch		Official Number. /	Gross Tonnage.	Date of Build. 1926/27	Particulars of Classification. +100 A. 1. With Freeboard (contemplated)	
Number in Register Book								
Registered dimensions from Ship's Register.	LENGTH. 419.92	BREADTH. 59.17	DEPTH. 27.79	UNDER DECK TONNAGE. 5335.77	Moulded Depth as measured..... 31'-6"			
Length on LOADLINE.	420.0	Frame Depth $\frac{1}{8}$ " Ceiling fitted Rule " $\frac{6\frac{1}{2}}{5}$ " Sheer 1.43	Peak } incl'd. Tanks }	Addition for Keel below base line for draught record..... 1.44 inches.				
CORRECTED DIMENSIONS.	420.0	58.34	28.22	5315.77	CORRECTION FOR LENGTH			
Co-efficient of fineness.....	.769							
Any modification necessary { [Para. 4 (a) to (e)]*	C.D.B.							
Co-efficient as corrected .....	.75							
					NOTE.— If the depth is measured when vessel is afloat, the details of measurement should be reported.			

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Sheer { Stem..... *90.0* $\div 2 =$...Mean
 at { Sternpost ... *55.37*.
 Sheer at $\frac{1}{8}$ of the length from { Stem
 { Sternpost } $\div 2 =$...Mean
 Gradual mean Sheer *Plotted* *67.73*
 Standard mean Sheer [Table, Para. 18] *52.00* Correction
 Difference..... *15.73* $\div 4 =$ *3.93*
 § If limited as Para. 18 (f) *- 11"*
Straight sheer for 160ft amidships

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

Fall in Shear } $\div 2 =$
 Para. 18 (d) }
 Length uncovered Correction

ALLOWANCE FOR DECK ERECTIONS :—

Freeboard, Table C.....	4 - 11 1/2
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) }	<u>2 - 9</u>
Difference	2 - 9 1/2
Percentage as below.....	<u>90.9%</u>
	30.10%
	4

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

Allowance for Deck Erections - 2' - 6 1/2"

	Length.	Length allowed.	Height.
Forecastle.....	43'-5"	73.42	7'-6" 8'-0"
Bridge House	329-5/2	329.46	8'-0"
+ Raised Q. Dk.			
Poop.....			
Total		<u>402.88</u>	= .959
Length of Ship		420.0	
Corresponding percentage {	90.9%.		
(Para. 11, 12, 13, or 14)			

CORRECTION FOR IRON DECK.

Proportion covered, if less than $\frac{7}{16}$ this length covered	-	
Thickness of usual wood deck, less stringer	$3\frac{1}{2}$	- $3\frac{1}{2}$ "

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.....	59' 0"	
Round of Beam	NIL	
Normal round.....	14.75"	
Difference	14.75 ÷ 2 =	7.375"
Proportion of Deck uncovered (Para. 19)	0.44	30.2% + 1/4"

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

Freeboard, Table A	8' 1"
Correction for Sheer	<u>- 4</u>
	4 " 9
	+ 3 1/2
Correction for Length	<u>8 - 0 1/2</u>
Allowance for Deck Erections	- 2 " 6 1/2
	<u>5 " 6</u>
	+ 1/4
Correction for Round of Beam.....	<u>5 - 6 1/4</u>
Correction for fall in Sheer (if any).....	
Correction for Steel Deck (if required)	<u>- 3 1/2</u>
	5 " 2 3/4
Additions for non-compliance with provisions of {	
Para. 11 (d) and (e) †	
Other Corrections (if any)	

Winter Freeboard		5" 2 3/4
Summer Freeboard	(5-6 1/2)	6 1/2
Indian Summer Freeboard		4 .. 8 1/4
N. A. Winter Freeboard		4 .. 1 3/4

Correction necessary because clearside amidships, measured
in accordance with the Statute is not taken at the
intersection of the ~~wood~~ steel deck with side.

Winter Freeboard from deck line	5 "	2 3/4
Summer " " " "	4 "	8 1/4
Indian Summer " " " "	4 "	13 1/4
N. A. Winter , " " " "		

FREEBOARD recommended amidships from centre of Disc to top of Statutory Deck Line, ~~wood~~ (Steel) Deck :-

Fresh Water Line	above centre of Disc	...	...	...	...	...	...	6 1/2"
Indian Summer Line	" "	"	...	...	...	...	...	6 1/2"
Winter Line	below	" "	...	...	...	...	...	6 1/2"
Winter North Atlantic Line	" "	"	...	...	...	...	...	© 20

* 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.

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.

