

C.S.S. Bessel

Lloyd's Register of Shipping.

San Sebastian de la Isla No 21

Ship's Name. San Sebastian de la Isla		Port of Registry and Nationality.	Official Number.	Gross Tonnage.	Date of Build.	Particulars of Classification.
Number in Register Book						
Registered dimensions from Ship's Register.	LENGTH. 459.75	BREADTH. 58.2	DEPTH. 29.33			
Length on LOAD LINE.	459.75					
Block co-efficient of fineness at a Draught equal to 85 % of Moulded Depth to Freeboard Deck.				Moulded Depth as measured ^{gwin} 32-0		
				Thickness of Stringer Plate ^{and/or} Wood Deck amidships 3 1/2		
				Correction for Sheathing if required		
				Depth to use with Table 32-3 1/2 ✓		

CORRECTION FOR SHEATHING ON FREEBOARD DECK.		CORRECTION FOR ROUND OF BEAM.	
Position.	Thickness in inches × Length covered in feet =	Moulded Breadth	55.98
		Round of Beam	12.0
		Standard 1/8 Moulded Breadth	13.43
		Difference	1.43 ÷ 4 = +.36 ✓
÷ Length on W. L. =			
Correction =			

ALLOWANCE FOR DECK ERECTIONS :—				
	Length.	Height.	% Table 2.	Height corr ⁿ .
Forecastle enclosed				
„ overhang				
Bridge House enclosed				
„ overhang for ^d				
„ „ aft.				
Raised Qr. Dk. enclosed				
Poop enclosed				
„ overhang				
Total				
Length of Ship				
Type factor.		Effective ratio.	Difference.	
Allowance =	×	×		= -42 ✓

CORRECTION FOR LENGTH.		Freeboard, from Table 93.79 93.78 ✓	
Length of Ship on Load line 459.75	Correction up to 400 feet ... 0003L + .05	Correction for Sheer ^{+ 7.8} 101.58	+ 1.20
Length in Table 387.5	= + .05	Correction for Length ^{12.36} 113.94	94.98 ✓
Difference 72.25	= Flush Deck.	Allowance for Deck Erections	+ 6.18
Correction . 17	Correction exceeding 400 feet = .17		101.16 ✓
12.36	With Deck Erections = (Flush Deck) × (1 - ^r / ₂)	Correction for Round of Beam ^{.36} 114.30	- 42.0
	(r = effective ratio.) + 6.18 ✓		59.16 ✓
		Correction for Scantling and Construction	+ .36
			59.52 ✓
		Correction for difference between mean thickness of Sheathing on Freeboard Deck and midship thickness.	
		Other corrections (if any)	

1	Sheer in inches.	1	Products.	
2		4		
3		2		
4		4		
5		2		
6		4		
7		1		
18)				
Mean Sheer	=	24.0		
Standard	=	26.39		
Deficiency or excess	=	2.39		
		+ 1.2 ✓		
Standard Sheer = .04L + 8 if Forecastle fitted =				
= .04L + 16 if no Forecastle fitted =				
18.39.				
8				
26.39				
21				
34.30				
10.39				
If excess standard no allowance.				
If deficiency add				
(r = ra)				
3/4 amount for flush deck vessels and vessels without forecastles.				
5/8 amount for vessels without poops.				
1/2 amount for vessels with forecastles and poops.				
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.				
Winter Freeboard from Deck line				
Summer Freeboard from Deck line				
Indian Summer Freeboard from Deck line				
N. A. Winter Freeboard from Deck line				

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	„ „			

