

(COMPUTATION FOR STEAMER, SAILING SHIP, TANKER.)

Depth for Freeboard (D).	Depth correction.	Round of Beam correction.
Moulded depth 11.50^M	(a) Where D is greater than Table depth (D—Table depth) R =	Moulded Breadth (B) 21.00^M
Stringer plate 0.032		Standard Round of Beam = $\frac{B \times 12}{50} =$
Sheathing on exposed deck	(b) Where D is less than Table depth (if allowed) (Table depth—D) R =	Ship's Round of Beam = 0.400^M
$T \left(\frac{L-S}{L} \right) =$ 0		Difference
Depth for Freeboard (D) = <u>11.532</u>	If restricted by superstructures	Restricted to
		Correction = $\frac{\text{Diff}^e}{4} \times \left(1 - \frac{S_1}{L} \right) =$

	Mean Covered Length (S)	Equivalent Enclosed Length (S ₁)	Height	Height Correction	Effective Length (E)
Poop enclosed	38.33	38.33	2.45		
" overhang					
R.Q.D. enclosed					
" overhang					
Bridge enclosed					
" overhang aft					
" overhang forward					
F'dle enclosed	23.00	23.00	2.45		
" overhang					
Trunk aft					
" forward					
Tonnage opening aft... ..					
" " forward					
Total	61.33	61.33			

Standard Height of Superstructure 2.29

" " R.Q.D.

Deduction for complete superstructure

Percentage covered $\frac{S}{L} =$

" " $\frac{S_1}{L} =$

" " $\frac{E}{L} =$

Percentage from Table, Line A.
(corrected for absence of forecastle (if required))

Percentage from Table, Line B.
(corrected for absence of forecastle (if required))

Interpolation for bridge less than 2L (if required)

Deduction =

2.29

Station	Standard Ordinate	S M	Product	Actual Ordinate	Effective Ordinate	S M	Product	Mean actual sheer aft Mean standard sheer aft =
A.P. ...		1		$\frac{M}{0.319}$		1		
$\frac{1}{6}L$ from A.P. ...		4		0.016		4		Mean actual sheer forward Mean standard sheer forward =
$\frac{2}{6}L$ „ ...		2		0		2		
Amidships ...		4		0		4		Length of enclosed superstructure L forward of amidships =
$\frac{2}{6}L$ from F.P. ...		2		0		2		„ „ aft of „ =
$\frac{1}{6}L$ „ ...		4		0.019		4		
F.P. ...		1		0.430		1		
Total ...								

<p>Deduction for Tropical Freeboard.</p> <p>Addition for Winter and Winter North Atlantic Freeboard.</p> <p>Depth to Freeboard Deck = _____ Ft.</p> <p>Summer freeboard = _____</p> <p>Moulded draught (d) = _____</p> <p>Deduction for Tropical freeboard and addition for Winter freeboard = $\frac{d}{4}$ inches = _____</p> <p>Addition for Winter North Atlantic Freeboard (if required) = _____</p>	<p>Deduction for Fresh Water.</p> <p>Displacement in salt water at summer load water line $\Delta = 21,140.0$ K. Tons</p> <p>$\Delta = (P \div 1.025)$ at 8.23^M draft</p> <p>Tons per inch immersion at summer load water line $T = 28.31$ K. Tons/cm</p> <p>Deduction = $\frac{\Delta}{40T}$ inches = _____</p>	<p>TABULAR FREEBOARD corrected for Flush Deck (if required)</p> <p>Correction for coefficient</p> <table border="1"> <thead> <tr> <th></th> <th>+</th> <th>-</th> </tr> </thead> <tbody> <tr> <td>Depth Correction</td> <td></td> <td></td> </tr> <tr> <td>Deduction for superstructures</td> <td></td> <td></td> </tr> <tr> <td>Sheer correction</td> <td></td> <td></td> </tr> <tr> <td>Round of Beam correction</td> <td></td> <td></td> </tr> <tr> <td>Correction for Thickness of Deck amidships</td> <td></td> <td></td> </tr> <tr> <td>Other corrections, scantlings, etc.</td> <td></td> <td></td> </tr> <tr> <td>Summer Freeboard =</td> <td></td> <td></td> </tr> </tbody> </table>		+	-	Depth Correction			Deduction for superstructures			Sheer correction			Round of Beam correction			Correction for Thickness of Deck amidships			Other corrections, scantlings, etc.			Summer Freeboard =		
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Tropical Fresh Water Line	above	Centre of Disc
Fresh Water Line	"	"
Tropical Line	"	"
Winter Line	below	"
Winter North Atlantic Line	"	"

Tropical Fresh Water	Freeboard
Fresh Water	"
Tropical	"
Winter	"
Winter North Atlantic	"

A new form should be prepared if any alterations that affect the freeboard have been made. If no such alterations have been made, the Surveyor should endorse the form on this side with his signature and the date.

Trade of ship..... INTER NATIONAL

44842

Names of sister ships..... M.V. " NICHIRYU MARU "

Builder's name and yard number..... SHIMIZU SHIPYARD, NIPPON KOKAN K.K.

Owners..... NISSAN KISEN K.K.

Fee £.....



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