

Approx. Lengthens by 10'

LLOYD'S REGISTER OF SHIPPING

UNITED WITH THE BRITISH CORPORATION REGISTER

SURVEYS FOR FREEBOARD

(COMPUTATION FOR STEAMER, SAILING SHIP, TANKER)

For LONDON OFFICE ONLY

Received
 Index No.
 Govt. Copy
 Owners C11

Ship's Name <i>Stan Woodaway</i>	Official Number	Nationality and Port of Registry	Gross Tonnage	Date of Build	Port of Survey
Moulded Dimensions: Length <i>141.33</i>	Breadth <i>26.08</i>	Depth <i>8.56</i>			Date of Survey <i>7-2</i>
Freeboard Length					Surveyor's Signature
Moulded displacement at moulded draught = 85 per cent. of moulded depth (excluding bossing)					Particulars of Classification <i>+100-A1</i>
Coefficient of fineness for use with Tables	<i>764 (Steamship)</i>				<i>Hopper Redgar</i>

DEPTH FOR FREEBOARD (D).		DEPTH CORRECTION.		ROUND OF BEAM CORRECTION.	
Moulded depth	<i>8.54</i>	(a) Where D is greater than Table depth (D-Table depth) R =	<i>0.00</i>	Moulded Breadth (B)	<i>26.08</i>
Stringer plate	<i>0.02</i>	(b) Where D is less than Table depth (if allowed) (Table depth-D) R =	<i>(9.42-8.56)/1087 = -.935</i>	Standard Round of Beam = $\frac{B \times 12}{50}$ =	<i>6.26</i>
Wood Sheathing on exposed deck		If restricted by superstructures	<i>Yes Nil</i>	Ship's Round of Beam	<i>6.0</i>
$T \left(\frac{L-S}{L} \right) =$				Difference	<i>0.26</i>
Depth for Freeboard (D) =	<i>8.56</i>			Restricted to	<i>0.26</i>
				Correction = $\frac{\text{Diff}}{4} \times \left(1 - \frac{S_1}{L} \right)$	<i>= \frac{0.26}{4} \times \left(1 - \frac{6.0}{26.08} \right) = 0.0587 \times 0.76 = 0.0446</i>

DEDUCTION FOR SUPERSTRUCTURES.

	Mean Covered Length (S)	Equivalent Enclosed Length (S ₁)	Height	Height Correction	Effective Length (E)
Poop enclosed					
" overhang					
R.Q.D. enclosed	<i>39.42</i>	<i>39.42</i>	<i>2.97</i>	<i>2.97/3.20</i>	<i>35.75</i>
" overhang					
Bridge enclosed					
" overhang aft					
" overhang forward					
F'cle enclosed	<i>24.63</i>	<i>24.63</i>	<i>1.65</i>	<i>1.65/6.0</i>	<i>6.97</i>
" overhang	<i>8.21</i>	<i>8.21</i>	<i>6.9</i>		<i>8.21</i>
Trunk aft					
" forward					
Tonnage opening aft					
" " forward					
Total	<i>72.26</i>	<i>72.26</i>			<i>50.73</i>

Standard Height of Superstructure *6.0*

" " R.Q.D. *3.475*

Deduction for complete superstructure *20.13*

Percentage covered $\frac{S}{L} = \frac{72.26}{141.33} = 51.13$

" " $\frac{S_1}{L} = \frac{72.26}{141.33} = 51.13$

" " $\frac{E}{L} = \frac{50.73}{141.33} = 35.90$

Percentage from Table, Line A. *20.01*

(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 = *20.13 \times 20.01 = 4.03*

SHEER CORRECTION.

Station	Standard Ordinate	S M	Product	Actual Ordinate	Effective Ordinate	S M	Product
A.P.	<i>24.133</i>	1				1	
$\frac{1}{4}L$ from A.P.		4			<i>-.4</i>	4	<i>-.4</i>
$\frac{2}{4}L$ "		2				2	
Amidships	<i>0</i>	4	<i>0</i>	<i>0</i>	<i>0</i>	4	<i>0</i>
$\frac{2}{4}L$ from F.P.		2				2	<i>2</i>
$\frac{1}{4}L$ "		4				4	<i>8</i>
F.P.		1				1	
Total			<i>217.19</i>				

Mean actual sheer aft =

Mean standard sheer aft =

Mean actual sheer forward =

Mean standard sheer forward =

Length of enclosed superstructure forward of amidships =

" " aft of " =

might be a small plus say +.5

If limited to maximum allowance of $1\frac{1}{2}$ ins. per 100ft.

Deduction for Tropical Freeboard.

Addition for Winter and Winter North Atlantic Freeboard.

Depth to Freeboard Deck = Ft.

Summer freeboard =

Moulded draught (d) =

Keel allowance =

Extreme draught =

Deduction for Tropical freeboard and addition for =

Winter freeboard = $\frac{d}{4}$ inches =

Addition for Winter North Atlantic Freeboard (if required) =

Deduction for Fresh Water.

Displacement in salt water at summer load water line

$\Delta =$

Tons per inch immersion at summer load water line

T =

Deduction = $\frac{\Delta}{40 T}$ inches

TABULAR FREEBOARD corrected for Flush Deck (if required)

Correction for coefficient *764 + .68*

	+	-
Depth Correction		
Deduction for superstructures		<i>4.03</i>
Sheer correction	<i>.5</i>	
Round of Beam correction	<i>.19</i>	
Correction for Thickness of Deck amidships		
Other corrections, scantlings, etc.	<i>.69</i>	
Summer Freeboard	<i>14.37</i>	<i>15.26</i>

12.4021

July

Lloyd's Register

to 2 1/2 ins under draught

SUMMER FREEBOARD amidships from Centre of Disc to top of Deck Line, Wood, Steel, Deck :-

Tropical Fresh Water Line above Centre of Disc	...	Tropical Fresh Water Freeboard	...
Fresh Water Line	"	Fresh Water	"
Tropical Line	"	Tropical	"
Winter Line below	"	Winter	"
Winter North Atlantic Line	"	Winter North Atlantic	"

004646-004652-0237 1/2

Name of Ship *STAN NODLAWAY*

Freeboard Report ~~Examined~~

(Date) *30 April 1957*

Signed *[Signature]* 0237²/₂

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.

8-54 x .8

$$G \quad 530 + 10 \times 26.08 \times 8.54 \times .85 \times .995$$

$$141.33 \times 26.08 \times 8.54 \times .85 \times .995$$

(530) .746 x 141.33

141.33

~~10.00~~
~~260.8~~ x .34
~~141.33 x 26.08~~

10.00 x .995

141.33

= .071

.693 ✓
 .071

 .764

10 x 26.08 x 8.54 x .85 x .995

33.5

530
 51

 581

23



13 x 1.6

 22

Trade of ship _____

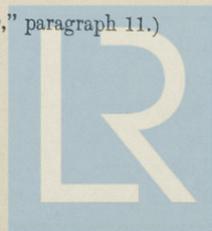
Names of sister ships _____

Builder's name and yard number _____

Owners _____

Fee £ _____

List of plans forwarded for reference. (See "Instructions to Surveyors, Part 4, 1950," paragraph 11.)



© 2021

Lloyd's Register
 Foundation