

REASSIGNMENT.

THE BRITISH CORPORATION REGISTER OF
SHIPPING AND AIRCRAFT
SURVEY FOR FREEBOARD

486/3.

STEAMER, ~~TANKER~~, ~~SAILER~~: S.S. AMARA POORA WITH ~~WITHOUT~~ TIMBER DECK CARGO

Nationality BRITISH Builders' Name and No. of Ship W^M DENNY & BROS. L^{TD}

Port of Registry GLASGOW N^O 1062

Official Number 144211 Owners P. HENDERSON GLASGOW

Gross Tonnage 9300.47

Date of Build 7/1920 Port and Date of survey GLASGOW FEB. 1949

Name of Surveyor J. H. TAIT

Particulars of Classification BS * Names of Sister Ships "PEGU"

Type of Superstructures COMBINED POOP AND BRIDGE & F'CLE

Trade of Ship

Service Endorsement if any WHEN MORE THAN 12 PASSENGERS ARE CARRIED THE
FREEBOARD OF THE SHIP SHALL BE GOVERNED BY
THE TERMS OF THE PASSENGER AND SAFETY CERTIFICATE.

ALL SEASONS.

SUMMER FREEBOARD recommended amidships from centre of disc to top of deck line, (..... ~~wood~~ steel)

TROPICAL FRESH WATER LINE above centre of disc

Corresponding Freeboard

FRESH WATER LINE

"

"

"

5 1/2"

"

"

9-10 1/2"

TROPICAL LINE

"

"

"

"

"

WINTER LINE

below

"

"

"

"

WINTER NORTH ATLANTIC LINE

"

"

"

"

"

SUMMER TIMBER FREEBOARD recommended amidships from top of deck line

TROPICAL FRESH WATER Timber line above L.S.

Corresponding Freeboard

FRESH WATER

"

"

"

"

"

"

TROPICAL

"

"

"

"

"

"

WINTER

"

"

below

"

"

"

WINTER NORTH ATLANTIC

"

"

"

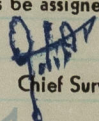
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Number of years recommended for load line certificate

The scantlings and protective arrangements being in accordance with the Load Line Rules it is submitted that the freeboards be assigned


Chief Surveyor

Passed at a meeting of the Committee of Management of the British Corporation Register of Shipping and Aircraft

on the 2nd March 1949

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Lloyd's Register
Foundation
Secretary

BOTH SIDES

003013-003017-0045 1/2

COMPUTATION OF FREEBOARD

Length on summer load line 465'-0" Moulded Breadth 59'-0" Moulded Depth 33'-4" Depth of Keel

Moulded displacement (ex bossing) at moulded draught of 85 per cent. of moulded depth

Tons

Co-efficient of fineness for use with tables $\frac{\Delta \times 35}{L \times B \times D \times .85} =$

Displacement and tons per inch immersion in salt water at summer load line

Moulded depth

Deduction for Fresh Water $\frac{\Delta}{40 T} =$

inches

Stringer Plate

Round of Beam Correction

Sheathing on exposed deck $T \left(\frac{L-S}{L} \right)$

Ships Round of Beam

inches

Rise of floor (in sailers)

Standard Round of Beam $\frac{B \times 12}{50}$

Depth for Freeboard (D)

Difference

Table Depth

Restricted to

Depth Correction

Correction $\frac{\text{Difference}}{4} \times \left(1 - \frac{E}{L} \right) =$

If restricted by superstructures

	Enclosed Length	Length of Overhang	Height	Mean Covered Length (S)	Height Correction	Effective Length (E)	
Poop							Standard Height of Superstructure
Raised Quarter Deck							" " R.Q.D.
Bridge		F					Percentage covered S/L =
		A					" " E/L =
Forecastle							" from Table line A, B, (corrected for absence of forecastle if required)
Trunk Aft							Percentage from Table by interpolation for Bridge less than .2L if required =
" Forward							Deduction =
Tonnage Opening Aft							Percentage from Table for Tankers (or Timber ships) =
" " Forward							Deduction =
Totals							

Station	Actual Sheer	Standard Sheer	Effective Sheer	S.M.	Product
A.P.				1	
$\frac{1}{8}$ L from A.P.				4	
$\frac{1}{8}$ L from A.P.				2	
Amidships				4	
$\frac{1}{8}$ L from F.P.				2	
$\frac{1}{8}$ L " "				4	
F.P.				1	

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Mean Actual sheer aft =
" Standard " "

Mean Actual sheer forward =
" Standard " "

Length of enclosed superstructure forward of amidships =
Length of Ship

Length of enclosed superstructure aft of amidships =
Length of Ship

Effective Mean Sheer =

Standard " " .05L + 5 =

Difference

Sheer Correction = Difference $\times \left(.75 - \frac{S}{2L} \right) =$

If limited on account of midship superstructure =

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

TABULAR FREEBOARD corrected for flush deck if required = 91.75

Correction for co-efficient =

1.4285
1.36

= 96.37 DRAUGHTS AND SEASONAL CORRECTIONS

	+	-
Depth correction	<u>7.43</u>	
Deduction for superstructures		<u>18.76</u>
Sheer correction		<u>2.54</u>
Round of Beam correction	<u>17.</u>	
Correction for thickness of deck amidships		<u>1.23</u>
Other corrections, scantlings, etc.	<u>37.06</u>	
	<u>44.66</u>	<u>22.53</u>

	Sailer, Tanker, Steamer	Timber
Depth to Freeboard Deck in feet	<u>33.375</u>	
Summer Freeboard in feet	<u>9.875</u>	
Moulded Draught (d)	<u>23.500</u>	(d1)
Addition for Keel	<u>.167</u>	
Extreme draught	<u>23.667</u>	

Deduction for Tropical and addition for Winter freeboard $d/4 =$ ins.

Addition for Winter North Atlantic (if required) = ins.

Deduction for Tropical Timber Freeboard $d/4 =$ ins.

Addition for Winter " " $\frac{d1}{3} =$ ins.

" " N.A. Timber Freeboard (if required) = ins.

ALL SEASONS.

Summer Freeboard in inches

9-10 1/2

118.50

Additional allowance for superstructures on

Timber carrying ships

Summer Timber Freeboard in inches

0045 2/2