

17/6/42

RE-ASSIGNMENT.

Form LL. 4.C. Revised

1520/2

THE BRITISH CORPORATION REGISTER OF SHIPPING AND AIRCRAFT

SURVEY FOR FREEBOARD

 STEAMER, TANKER, SAILER: "CHARLES R. HUNTLEY" WITHOUT TIMBER DECK CARGO

Nationality	BRITISH	Builders' Name and No. of Ship	NAPIER & MILLER LTD
Port of Registry	ST CATHARINES ONT.	Old Kilpatrick	Nº 255
Official Number	148898	Owners	UPPER LAKES & ST LAWRENCE
Gross Tonnage	1760		TRANSPORTATION CO LTD
Date of Build	3/1926	Port and Date of survey	TORONTO 9/6/42.
Particulars of Classification	(WITH FREEBOARD) BS* (GREAT LAKES, GULF OF ST LAWRENCE AND LIMITED COASTING SERVICE).	Name of Surveyor	J. STEVENSON.
Type of Superstructures	SUNK FORECASTLE	Names of Sister Ships	"EDWIN T. DOUGLASS", "FRANK B BAIRD", "JAMES STEWART", "JOHN B RICHARDS", "NORMAN B MACPHERSON", "WILLIAM C WARREN."

Trade of Ship

Service Endorsement if any ~~SERVICE NORTH OF 36TH PARALLEL OF NORTH LATITUDE~~ ^{AND ONLY SO LONG AS THE SHIP IS EMPLOYED IN COASTING} ~~GULF OF ST. LAWRENCE AND NEWFOUNDLAND SERVICE.~~ ^{GREAT LAKES & LIMITED GULF OF ST LAWRENCE SERVICE.} (SEE PRO-CENT OF OCT 27. 1942)

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

TROPICAL FRESH WATER LINE above centre of disc	8"	Corresponding Freeboard	4'-7"
FRESH WATER LINE " " "	4"	" "	3'-11"
TROPICAL LINE " " "	4"	" "	4'-3"
WINTER LINE below " "	4"	" "	4'-3"
WINTER NORTH ATLANTIC LINE " " "	6" omitted - local L.L. Cent.	" "	4'-11"
			5'-1"

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 " " " "		" "	

Number of years recommended for load line certificate

ISSUED 2ND DECEMBER 1942

EXPIRES 8TH DECEMBER 1942

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



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Lloyd's Register
Foundation
Secretary

010328-010337-0152

COMPUTATION OF FREEBOARD

Length on summer load line Moulded Breadth Moulded Depth 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	
				18	
Effective Mean Sheer			=		
Standard " " .05L + 5			=		
Difference					

Mean Actual sheer aft =
 " Standard " "
 Mean Actual sheer forward =
 " Standard " "
 Length of enclosed superstructure forward of admidships =
 Length of Ship
 Length of enclosed superstructure aft of amidships =
 Length of Ship
 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 =

Correction for co-efficient =

	+	-
Depth correction		
Deduction for superstructures		
Sheer correction		
Round of Beam correction		
Correction for thickness of deck amidships		
Other corrections, scantlings, etc.		

Summer Freeboard in Inches =
 Additional allowance for superstructures on Timber carrying ships =
 Summer Timber Freeboard in inches =

DRAUGHTS AND SEASONAL CORRECTIONS

	Sailer, Tanker, Steamer	Timber
Depth to Freeboard Deck in feet		
Summer Freeboard in feet		
Moulded Draught (d)		(d1)
Addition for Keel		
Extreme draught		
Deduction for Tropical and addition for Winter freeboard $d/4 =$		ins.
Addition for Winter North Atlantic (if required)		ins.
Deduction for Tropical Timber Freeboard $\frac{d}{3}$		ins.
Addition for Winter " " $\frac{d}{3}$		ins.
" " N.A. Timber Freeboard (if required)		ins.

