

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 ~~WATER~~ 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.

(WITH FREEBOARD Name of Surveyor J. STEVENSON.

Particulars of Classification BS* (GREAT LAKES, GULF OF ST LAWRENCE AND LIMITED COASTING SERVICE). Names of Sister Ships "EDWIN T. DOUGLASS", "FRANK B BAIRD"

Type of Superstructures SUNK FORECASTLE "JAMES STEWART", "JOHN B RICHARDS"

"NORMAN B MACPHERSON", "WILLIAM C WARREN."

Trade of Ship

Service Endorsement if any AND ONLY SO LONG AS THE SHIP IS EMPLOYED IN COASTING
SERVICE NORTH OF 36TH PARALLEL OF NORTH LONGITUDE
GULF OF ST. LAWRENCE AND NEWFOUNDLAND SERVICE. (SEE PRO-CERT
GRANT LAKES & LIMITED GULF OF ST LAWRENCE SERVICE 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 " " "	4"	" "	4'-11"
	6" omitted - local L.L. Cent.	" "	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						
Raised Quarter Deck						
Bridge		F				
		A				
Forecastle						
Trunk Aft						
" Forward						
Tonnage Opening Aft						
" " Forward						
Totals						

Standard Height of Superstructure
 " " R.Q.D.
 Percentage covered S/L =
 " " E/L =
 " from Table line A, B, (corrected for
 absence of forecastle if required)
 Percentage from Table by interpolation for Bridge
 less than .2L if required =
 Deduction =
 Percentage from Table for Tankers (or Timber ships) =
 Deduction =

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	

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

Effective Mean Sheer =
 Standard " " .05L + 5 =
 Difference

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.