

Lloyd's Register of Shipping

SURVEYS FOR FREEBOARD - STEAMERS

(Under the Provisions of the U. S. A. Load Line Act of March 2, 1929)

Name of Surveyor...
 Port...
 Date of Survey...
 Name of Surveyor...

Ship's Name: *Barge "Telaco 398"*
 Port of Registry and Nationality: *Melbourne, U.S.A.*
 Official Number: *172301*
 Gross Tonnage: *896*
 Date of Build: *1936*
 Particulars of Classification: *A- Barge to be towed, carrying per... (handwritten notes)*

Owner: *The Telaco Company*
 Builder: *Pennsylvania Shipyard, Inc. Bechtel, Wash. D.C.*
 Moulded dimensions: *210.0 x 40.0 x 12.0* (85% =)
 Moulded displacement at a moulded draught of 85 per cent. of moulded depth
 Coefficient of fineness for use with tables: *0.6* (Maximum... in Tables)

DEPTH FOR FREEBOARD.		CORRECTION FOR DEPTH.		CAMBER	
Moulded depth	<i>12.0</i>	(a) When D is greater than $\frac{L}{15}$		Standard	$\frac{40 \times 12}{50} = \dots$ <i>4.60</i>
Stringer plate	<i>.03</i>	$(D - \frac{L}{15}) \times R = \dots$		Ship <i>6" straight</i>	<i>4.50</i>
Sheating in wells		(b) When D is less than $\frac{L}{15}$ (if allowed)		Difference	<i>5.10</i>
$T \left(\frac{L-S}{L} \right) =$		$(\frac{L}{15} - D) \times R = \dots$		Restricted to	
Depth D =	<i>12.03</i>	If restricted by height of superstructures	<i>Nil</i>	Allowance = $\frac{\text{Difference}}{4} \times (1 - \frac{S}{L}) = \frac{5.10}{4} = 1.27$	

SUPERSTRUCTURES.

	Mean Covered Length S.	Effective Length S ₁ (Uncorrected for Height)	Height.	Correction for Height.	Effective Length.
Poop enclosed					
" overhang					
R.Q.D. enclosed					
" overhang					
Bridge enclosed					
" overhang aft					
" overhang forward					
F'cle enclosed					
" overhang					
Trunks forward					
" aft					
tonnage opening					
Total =					

Forecastle not required!

Length of ship (L) =
 % Covered... =
 Corresponding %, corrected for absence of forecastle if required } A =
 Allowance ... =
 Correction for Bridge less than 2L if required } B =
 =

SHEER.

Station.	Actual Sheer.	Standard Sheer.	Allowed Sheer.	S. M.	Products.
A.P. 1	<i>18.00</i>	<i>31.00</i>	<i>18.00</i>	1	<i>18.00</i>
2				4	
3				2	
4				4	
5				2	
6				4	
F.P. 7	<i>18.00</i>	<i>31.00</i>	<i>18.00</i>	1	<i>18.00</i>

If excess sheer forward and deficient sheer aft:-

Actual sheer aft = *Deficient*
 Standard sheer aft =
 Actual sheer forward = *Deficient*
 Standard sheer forward =

Mean effective sheer ... = *36.00*
 Standard sheer .05 L + 5 = *15.50*
 Difference (Df) = *13.50*
 Allowance = $Df \times (.75 - \frac{S}{2L}) = 13.50 \times .75 = 10.13$
 If limited on account of amidship superstructure =
 If limited on account of excess sheer (1/2 in. per 100 ft.) =

Length of enclosed superstructure L

Forward of amidships =
 Aft of amidships =

DRAFTS.	F. W. ALLOWANCE	TABULAR FREEBOARD (corrected for flush deck if required)
Moulded Depth D = <i>12' 0 3/8</i>	Displacement =	$86 + .68 = \frac{1.54}{1.36} = 21.30$
Stringer Plate = (or Wood Deck) <i>2' - 11 1/2</i>	Tons per inch = <i>9.03</i>	Corrected for Coefficient = <i>24.12</i>
Freeboard <i>2' - 11 1/2</i>		
Moulded draught <i>9' - 0 7/8</i>		
Addition for keel below base line <i>1 1/8</i>	40 x	
Extreme draught <i>9' - 2</i>		
		Summer Freeboard = <i>35.52</i>

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

Tropical Fresh Water Line (above center of Disc)	<i>2' - 11 1/2</i>	Tropical Fresh Water Freeboard	<i>3' - 1 3/4</i>
Fresh Water Line <i>Submerged</i>	<i>2 1/4</i>	Fresh Water <i>Submerged</i>	<i>3' - 4</i>
Tropical Line		Tropical	
Winter Line (below ")	<i>4 1/2</i>	Winter	
Winter North Atlantic Line		Winter North Atlantic	

