



# SURVEYS FOR FREEBOARD.

SPAR DECK, AWNING DECK, or PARTIAL AWNING DECK STEAMSHIPS.\*



L.L. No. 36094 Date of Build 1930 Port of Survey Glasgow  
 Ship's Name COAST Date of Survey June 1931  
 Port of Registry and Nationality British Surveyor's Signature \_\_\_\_\_  
 Official Number \_\_\_\_\_ Gross Tonnage \_\_\_\_\_

NOTE.- This report is to be accompanied in all cases by the general report on Form L.L. 4.

Registered dimensions from certificate of registry.	Length <u>522.5</u>	Breadth <u>71.4</u>	Depth (To main deck only in awning-decked vessels.) <u>33.15</u>	Under Deck Tonnage. (To main deck only in awning-decked vessels.) <u>8683.92</u>
Length on Loadline	<u>518.5</u>	Frame depth Rule " <u>12</u> " <u>8</u> Reduct. <u>4x2 - 64</u>	Ceiling <u>+ .21</u> Sheer <u>+ .55</u>	Peak Tanks
Corrected Dimensions	<u>518.5</u>	<u>70.43</u>	<u>33.91</u>	<u>8683.92</u>

Moulded Depth as measured in dry dock	
To Spar Deck	To Main Deck
	<u>37.0</u>

Correction for Length.		
	Table B or C.	Table A.
Length of ship on Loadline ...	<u>518.5</u>	
Length in Table.....	<u>494.0</u>	
Difference .....	<u>24.5</u>	
Correction for one foot .....	<u>.08</u>	
Correction	<u>5.96</u>	<u>add</u>

Correction for Height of 'Tween Decks.		
Scantling Numerals. LLOYD'S 1885 RULES.	First.	Second.
Actual .....		
If height of 'Tween decks were 7 feet .....		
Do numerals change grade?.....		
Height of 'tween decks from top } of beam to top of beam at side }	feet	inches.
Correction for height of 'tween decks =	=	inches.

Coefficient of fineness ... .. .70  
 Modifications under par. 4 (a) to (c), if required  
 Coefficient as corrected ... .. .69

Allowance for Extra Strength.	
Freeboard Table B=...	Freeboard Table A=...
Correction for length	Correction for length
Correction for height } of 'tween decks ... }	Less 12%
Difference...	
$\frac{3}{5}$ of ... =	maximum longitudinal allowance.
$\frac{2}{5}$ of ... =	" transverse "

SUMMARY.		
Freeboard by Table B or C.....		<u>83.00</u> inches
Correction for length .....	<u>5.96</u>	-
Correction for height of 'tween decks } in spar-decked ships..... }	-	-
Correction for strength in excess of } Lloyd's rules..... }	-	-
Correction for iron deck if required...	-	<u>3.52</u>
Other corrections (if any).....	<u>5.18</u>	
	<u>11.14</u>	<u>3.52</u> = <u>+ 4.62</u>

Partial Awning Decks.		
	Length. (Feet.)	Height. (Feet.)
Part Awning Deck ... ..		
Raised Quarter " ... ..		
Poop " ... ..		
Total		

Winter freeboard ... ..	<u>90.62</u>	<u>90.62</u>
Statutory deck line correction ... ..	<u>.50</u>	<u>.38</u>
Deduction in Summer. Winter.	<u>199.37</u>	<u>91.00</u> (D)
Table A.	Summer. = <u>16-7 1/2</u> (C)	for all voyages
Table B.	Indian Summer. <u>16-6 5/8</u>	
Table C.	North Atlantic Winter	

Position of Break before or abaft Amidships= \_\_\_\_\_ tenths  
 Maximum Allowance for EXTRA STRENGTH per Tables = 37-0 ✓  
 Correction for EXTRA STRENGTH = 7-68 ✓ inches

FREEBOARD recommended amidships from centre of disc to top of statutory deck line	<u>&gt; 7-7</u>
Reduction for fresh water ... ..	<u>7 1/2</u> ✓
" " Indian Summer ... ..	<u>16-7 1/2</u> ✓
Addition " Winter ... ..	<u>16-6 5/8</u> ✓
" " Winter North Atlantic ... ..	<u>16-6 5/8</u> ✓

\* All vessels which are equal in strength to Lloyd's spar-decked rule, or which, although in excess of that rule, do not come up to Lloyd's requirements for ship stability, are to be considered as spar-decked ships, the freeboard for which will vary with their strength.  
 \* All vessels which are equal in strength to Lloyd's awning-decked rule, or which, although in excess of that rule, do not come up to Lloyd's requirements for ship stability, are to be considered as awning-decked ships, the freeboard for which will vary with their strength.



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