

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.—STEAM SHIPS.

PARTICULARS RELATING TO ALL STEAM SHIPS EITHER FLUSH DECKED, OR WITH TOP GALLANT FORECASTLES, SHORT POOPS AND BRIDGE HOUSES DISCONNECTED, OR WITH TOP GALLANT FORECASTLES HAVING LONG POOPS, OR RAISED QUARTER DECKS CONNECTED WITH BRIDGE HOUSES, OR OTHERWISE.

Port of Survey

Date of Survey **19-8-32**

Name of Surveyor

Ship's Name. "TIRYDAIL"	Port of Registry and Nationality. LONDON BRITISH	Official Number. 136149	Gross Tonnage. 650	Date of Build. 1918-3	Particulars of Classification. + 100 A1.
Number in Register Book					

Registered dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	176.0	24.1	11.7	476
Length on LOADLINE.	176.0	Frame Depth 5 Rule " $3\frac{1}{2}$ $\frac{1}{2}$	Ceiling FITTED Sheer + .54	Peak Tanks
CORRECTED DIMENSIONS.	176.0	24.45	12.24	476

Co-efficient of fineness..... **.80**Any modification necessary
[Para. 4 (a) to (e)]* **C.D.B.**Co-efficient as corrected **.78**

Sheer { Stem..... 54 } 93 ÷ 2 = 46.5 ...Mean 47.27 at { Sternpost ... 36 } 36 19.62 .54	
Sheer at $\frac{1}{8}$ of the length from { Stem 34 } 52 ÷ 2 = 26 ...Mean Sternpost 18 } 55 47.27	
Gradual mean Sheer 46.89	
Standard mean Sheer [Table, Para. 18] 27.60 Correction	
Difference..... 19.29 ÷ 4 = 4.82	
§ If limited as Para. 18 (f) - 4 $\frac{3}{4}$"	

Rise in Sheer { At front of bridge house.....
from amidships { Para. 18 (e) } At after end of forecastle

Fall in Sheer {
Para. 18 (d) } ÷ 2 =

Length uncovered Correction

ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C.....	6
Correction for Length, if required (Para. 12, 13, and 14)	
Freeboard by Table A, corrected for sheer, and for length, if required (Para. 11, 12, 13, and 14) }	1 - 9 $\frac{3}{4}$"
Difference	1 - 3 $\frac{3}{4}$"
Percentage as below.....	59.5
	- 9.37

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) } **+ .75**
Allowance for Deck Erections **8.62**
- 8 $\frac{3}{4}$ "

	Length.	Length allowed.	Height.
Forecastle.....	21.5	21.5	7.0'
Bridge House			
Raised Qr. Dk.....	106.9	106.9	3.6'
Poop.....			
Total	128.4	128.4	= .73
Length of Ship	176.0		
Corresponding percentage { (Para. 11, 12, 13, or 14) }	59.5%		

Moulded Depth as measured..... **13'-9"**

Addition for Keel below base line
for draught record.....inches.

NOTE.—If the depth is measured when vessel is afloat, the details of measurement should be reported.

CORRECTION FOR LENGTH.

Length of Ship on Loadline.....	176.0
Length in Table	165.0
Difference	11.0
Correction for 10ft., Table A.95 Table C.
× Difference divided by 10	1.045 (if required.)
If $\frac{1}{10}$ ths length covered divide by 2	.52 + $\frac{1}{2}$"

CORRECTION FOR IRON DECK.

Proportion covered, if less than $\frac{1}{10}$ ths length covered
Thickness of usual wood deck, less stringer **3"**

- 3"

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships.....	27.0
Round of Beam	6.75
Normal round.....	6.75
Difference	÷ 2 =
Proportion of Deck uncovered (Para. 19)	

NOTE.—The round of beam should be reported on the full breadth of vessel at the gunwale.

Freeboard, Table A	2'-2 $\frac{1}{2}$"
Correction for Sheer	- 4 $\frac{3}{4}$"
	1 - 9 $\frac{3}{4}$"
Correction for Length	+ $\frac{1}{2}$"
	1 - 10 $\frac{1}{4}$"
Allowance for Deck Erections	- 8 $\frac{3}{4}$"
	1 - 1 $\frac{1}{2}$"
Correction for Round of Beam.....	
Correction for fall in Sheer (if any).....	
Correction for Steel Deck (if required)	- 3
	0 - 10 $\frac{1}{2}$"
Additions for non-compliance with provisions of { Para. 11 (d) and (e) }	
Other Corrections (if any) HEIGHT OF R.Q.D.	3 - 7 $\frac{1}{2}$"
	4 - 6

Winter Freeboard	4-6
Summer Freeboard	4-4
Indian Summer Freeboard	4-2
N. A. Winter Freeboard	4-8 $\frac{3}{4}$"

Correction necessary because clearside amidships, measured in accordance with the Statute is not taken at the intersection of the wood or steel deck with side.

Winter Freeboard from deck line	
Summer " " " "	
Indian Summer " " " "	
N. A. Winter " " " "	

SUMMER FREEBOARD amidships from Centre of Disc to top of Deck Line, **WOOD, Steel, Deck**:—

Tropical Fresh Water Line above Centre of Disc ...	5 $\frac{1}{2}$"
Fresh Water Line " " ...	3 $\frac{1}{2}$"
Tropical Line " " ...	2
Winter Line below " " ...	2
Winter North Atlantic Line " " ...	4 $\frac{1}{2}$"

Tropical Fresh Water Freeboard ...	3'-10 $\frac{1}{2}$"
Fresh Water " " ...	4'-0 $\frac{1}{2}$"
Tropical " " ...	4'-2"
Winter " " ...	4'-6"
Winter North Atlantic " " ...	4'-8 $\frac{1}{2}$"