

Rpt. 11b.

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 2nd Jan. 1933
Name of Surveyor

Ship's Name.	Port of Registry and Nationality.	Official Number.	Gross Tonnage.	Date of Build.	Particulars of Classification.
"DULWICH" (Smith's Dock Co's No. 993 Number in Register Book)	London British.	162564	4040	1931-3	+ 100A1

Registered dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	366.4	52.0	24.75	3697.55
Length on LOADLINE.	363.83	Frame Depth 2 Rule " 6 Diff 6" x 2 = 1.0	Ceiling Ruler Sheer .82	Peak Tanks (Included)
CORRECTED DIMENSIONS.	363.83	51.0	25.57	3697.55
Co-efficient of fineness.....	.449			
Any modification necessary [Para. 4 (a) to (e)]*	C.D.B.			
Co-efficient as corrected46			

Sheer { Stem..... 84 } at { Sternpost ... 66 }	150 ÷ 2 = 75	Mean 75.91
Sheer at 1/2 of the length from { Stem 46 } { Sternpost 37 1/2 }	83 1/2 ÷ 2 = 41.75	Mean 41.75
Gradual mean Sheer	75.45	÷ .55 = 75.91
Standard mean Sheer [Table, Para. 18]	46.38	Correction
Difference.....	29.07	÷ 4 = 7.27
§ If limited as Para. 18 (f)	- 7.27	

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

Fall in Sheer { Para. 18 (d) }	÷ 2 =	
Length uncovered	Correction	

ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C.....	3.32
Correction for Length, if required (Para. 12, 13, and 14)	+ 2.34
Freeboard by Table A, corrected for sheer, and for length, if required (Para. 11, 12, 13, and 14)	6.24
Difference	2.8
Percentage as below.....	35.12
	11.24

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11)	
Allowance for Deck Erections	- 11.24

	Length.	Length allowed.	Height.
Forecastle.....	34' 8" + 4' 6" overhang	39.17	7' 6"
Bridge House	114' 2" + 15' 0"	129.08	8' 0"
+ Raised Q. Dk.			
Poop.....	27' 4" + 5' 0"	29.83	7' 6"
Total		196.08	
Length of Ship		363.83	
Corresponding percentage { (Para. 11, 12, 13, or 14) }	35.12		

Moulded Depth as measured..... 27' 0"

Addition for Keel below base line for draught record..... 2 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.....	363.83
Length in Table	324.00
Difference	39.83
Correction for 10ft., Table A.	1.4
Table C.	0.7
× Difference divided by 10	5.57 (if required.)
If 1/10ths length covered divide by 2	+ 5.57
	+ 2.24

CORRECTION FOR IRON DECK.

Proportion covered, if less than 1/10ths length covered539
Thickness of usual wood deck, less stringer	3 1/2
	= 1.85
	- 1.31

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships.....	51' 9"
Round of Beam	13"
Normal round.....	12.94"
Difference06 ÷ 2 = .03
Proportion of Deck uncovered (Para. 19)	nil.

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

Freeboard, Table A	6' 4"
Correction for Sheer	- 4 1/4
Correction for Length	+ 5' 8 1/2
Allowance for Deck Erections	+ 5 1/2
Correction for Round of Beam.....	- 11 1/4
Correction for fall in Sheer (if any).....	- 1 3/4
Correction for Steel Deck (if required)	- 5' 1 1/4
Additions for non-compliance with provisions of { Para. 11 (a) and (e) }	
Other Corrections (if any)	

Winter Freeboard	5' 1 1/4
Summer Freeboard	4' 8 1/2
Indian Summer Freeboard	4' 3 1/4
N. A. Winter Freeboard	

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 " " " "	

2.1.33

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

Tropical Fresh Water Line above Centre of Disc	0.4
Fresh Water Line	6 1/4
Tropical Line	4 1/2
Winter Line below	5
Winter North Atlantic Line	

Tropical Fresh Water Freeboard ...	3' 9 1/2"
Fresh Water " " " "	4' 2 1/4"
Tropical " " " "	4' 3 1/4"
Winter " " " "	5' 1 1/4"
Winter North Atlantic " " " "	

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