

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 Cardiff
Date of Survey 30th and 31st Dec 1940
Name of Surveyor A. C. Hunter.

Ship's Name. ELIZABETE		Port of Registry and Nationality. Cardiff, British		Official Number. 167820	Gross Tonnage. 2039	Date of Build. 1917-7	Particulars of Classification. +100A1.	
Number in Register Book								
Registered Dimensions from P's Register.	LENGTH. 251.0	BREADTH. 43.5	DEPTH. 18.0	UNDER DECK TONNAGE. 1678.78	Moulded Depth as measured..... 20'-2 1/2"			NOTE.—If the depth is measured when vessel is afloat, the details of measurement should be reported.
Length on LOADLINE.	251.0	Frame Depth 8 Rule 43.33	Ceiling No +.20 Sheer + .61 3" drop in tank + .12	Peak } 1 incl. Tanks }	Addition for Keel below base line for draught record.....inches.			
CORRECTED DIMENSIONS.	251.0	43.33	18.43	1678.78	CORRECTION FOR LENGTH.			
Co-efficient of fineness.....		.82						
Any modification necessary [Para. 4 (a) to (e)]*		C.D.B.						
Co-efficient as corrected80						
Sheer { Stem..... 72.5 at { Sternpost 41.25		113.75 ÷ 2 = 56.87 ...Mean						
Sheer at 1/8 of the length from { Stem 44.625 Sternpost 18.125		62.75 ÷ 2 = 31.37 ...Mean						
Gradual mean Sheer		56.95						
Standard mean Sheer [Table, Para. 18]		35.10						
Difference.....		21.85 ÷ 4 = 5.5						
§ If limited as Para. 18 (f)		- 5 1/2"						
Rise in Sheer { At front of bridge house.....✓ from amidships { At after end of forecastle✓ [Para. 18 (e)]								
Fall in Sheer { 2 1/2" ÷ 2 = 1 1/4" Para. 18 (d) }								
Length uncovered Bridge fitted		Correction						
ALLOWANCE FOR DECK ERECTIONS:—								
Freeboard, Table C.....		1'-5 3/4"						
Correction for Length, if required (Para. 12, 13, and 14)		+ 0 1/2"						
Freeboard by Table A, corrected for sheer, and for length, } if required (Para. 11, 12, 13, and 14)		3'-7 3/4"						
Difference		2'-1 1/2"						
Percentage as below.....		29.34%						
Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11)		- 7 1/2"						
Allowance for Deck Erections								
Forecastle.....		Length. 26.0	Length allowed. 26.0	Height. 7.0'				
Bridge House		64.0	64.0	7.0'				
† Raised Qr. Dk.....		27.0	26.0	7.0'				
Poop.....		117.0	116	4.66				
Total		251.0	251	.462				
Length of Ship								
Corresponding percentage { (Para. 11, 12, 13, or 14)		29.34%						
CORRECTION FOR IRON DECK.								
Proportion covered, if less than 1/10ths length covered		462						
Thickness of usual wood deck, less stringer		3 1/2"						
		1.62						
CORRECTION FOR ROUND OF BEAM.								
Breadth at Gunwale amidships.....		43.5						
Round of Beam		12						
Normal round.....		10.875						
Difference		1.125 ÷ 2 = .56						
Proportion of Deck uncovered (Para. 19)		534						
		30						
Freeboard, Table A		4'-0 1/4"						
Correction for Sheer		- 5 1/2"						
		3'-6 3/4"						
Correction for Length		+ 1						
		3'-7 3/4"						
Allowance for Deck Erections		- 7 1/2"						
		3'-0 1/4"						
Correction for Round of Beam.....		- 0 1/4"						
		3'-0"						
Correction for fall in Sheer (if any).....								
Correction for Steel Deck (if required)		- 1 1/2"						
		2'-10 1/2"						
Additions for non-compliance with provisions of { Para. 11 (d) and (e) †								
Other Corrections (if any)								
Winter Freeboard		2'-10 1/2"						
Summer Freeboard		2'-7 1/2"						
Indian Summer Freeboard		2'-4 1/2"						
N. A. Winter Freeboard		3'-0 1/2"						
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:—

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Tropical Fresh Water Line above Centre of Disc			... 7 1/2"
Fresh Water Line	"	"	... 4 1/2"
Tropical Line	"	"	... 3 1/2"
Winter Line	below	"	... 3 1/2"
Winter North Atlantic Line	"	"	... 5"

Tropical Fresh Water Freeboard 1' - 11 3/4" = 23 1/2"
Fresh Water " " " " 2' - 2 3/4" = 5 1/4"
Tropical " " " " 2' - 4 1/4" = 10 1/4"
Winter " " " " 2' - 10 1/4" = 22 1/2"
Winter North Atlantic " " " " 3' - 0 1/4" = 36 1/4"

