

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.

Part of Survey
Date of Survey 16. 12. 32
Name of Surveyor

Ship's Name. GLENARCH.	Port of Registry and Nationality. <i>Cathiff</i> <i>British</i>	Official Number. 136981	Gross Tonnage. 500	Date of Build. 1915.	Particulars of Classification. + 100 A1.
Number in Register Book					

Registered dimensions from Ship's Register.	LENGTH. 162.8	BREADTH. 25.6	DEPTH. <i>to ordinary floor 11.42</i> 11.42	UNDER DECK TONNAGE. 330.78
Length on LOADLINE.	162.00	Frame Depth Rule 5 <i>3</i> 2	Ceiling <i>fit</i> Sheer + .89 <i>22 = drop</i> <i>12k = +.10</i>	Peak Tanks <i>Under</i> <i>Between tanks</i> <i>tops - ordinary</i> <i>floors in B</i> - 7.00
CORRECTED DIMENSIONS.	162.00	25.27	10.79	323.78

Moulded Depth as measured..... **12'-0"**
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.

Co-efficient of fineness..... **.73**
Any modification necessary [Para. 4 (a) to (e)]* } *Call D.B.*
Co-efficient as corrected **.71.**

CORRECTION FOR LENGTH.

Length of Ship on Loadline.....	162
Length in Table	144
Difference	18
Correction for 10ft., Table A.9
× Difference divided by 10	1.62
If $\frac{1}{10}$ ths length covered divide by 2	- .81
	+ $\frac{3}{4}$

Sheer { Stem..... **72** } $117 \div 2 = 58.5$... Mean
at { Sternpost ... **45** }
Sheer at $\frac{1}{2}$ of the length from { Stem **39.6** } $64.3 \div 2 = 32.15$... Mean
{ Sternpost **24.7** } $\div .55 = 58.45$
Gradual mean Sheer **58.45**
Standard mean Sheer [Table, Para. 18] **26.20** Correction
Difference..... **32.25** $\div 4 = 8.06$
§ If limited as Para. 18 (f) **- 8"**

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

Rise in Sheer from amidships { At front of bridge house.....
[Para. 18 (e)] { At after end of forecastle ✓
Fall in Sheer } $\div 2 =$
Para. 18 (d) }
Length uncovered Correction ✓

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships.....	25'-6"
Round of Beam	6$\frac{3}{4}$"
Normal round.....	6$\frac{3}{4}$"
Difference	$\div 2 =$
Proportion of Deck uncovered (Para. 19)	✓

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

ALLOWANCE FOR DECK ERECTIONS :—
Freeboard, Table C..... **5 $\frac{1}{4}$ "**
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) } **1-0 $\frac{3}{4}$ "**
Difference **9 $\frac{3}{4}$ "**
Percentage as below..... **70.00**
6.65
Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) } **+20**
Allowance for Deck Erections **6 $\frac{3}{4}$ "**

Freeboard, Table A	1'-8$\frac{3}{4}$"
Correction for Sheer	- 8
Correction for Length	+ 3$\frac{1}{4}$"
Allowance for Deck Erections	- 6$\frac{3}{4}$"
Correction for Round of Beam.....	✓
Correction for fall in Sheer (if any).....	✓
Correction for Steel Deck (if required)	- 3
Additions for non-compliance with provisions of Para. 11 (d) and (e) †	4
Other Corrections (if any) <i>400 R.O.D.</i>	4'-0"
Winter Freeboard	4'-4"
Summer Freeboard	4'-2$\frac{1}{4}$"
Indian Summer Freeboard	
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.	NIL

	Length.	Length allowed.	Height.
Forecastle.....	24.00	22.08	7'-0"
Bridge House <i>10.75 side</i>	10.75	11.94	7'-0"
† Raised Qr. Dk..... <i>12.54 centre</i>	12.54	95.50	4'-0"
Poop.....			
Total	129.52	162	= .80
Length of Ship	162		
Corresponding percentage (Para. 11, 12, 13, or 14) }	40%		

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 ...	4$\frac{3}{4}$"	Tropical Fresh Water Freeboard ...	4'-2"
Fresh Water Line " " ...	3$\frac{1}{4}$"	Fresh Water " " ...	3'-9$\frac{1}{4}$"
Tropical Line " " ...	1$\frac{1}{2}$"	Tropical " " ...	3'-10$\frac{3}{4}$"
Winter Line below " " ...	2"	Winter " " ...	4'-0$\frac{1}{2}$"
Winter North Atlantic Line " " ...	4$\frac{1}{4}$"	Winter North Atlantic " " ...	4'-4"

R. QUARTER

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

S.F.B.
16-12-32

17 DEC 1932

W481-0159

$F.W. = \frac{1021}{8.05 \times 4} = 3.17 = 3\frac{1}{4}$

MARKING FORM
RECEIVED 17 JAN 1933

Lloyd's Register
Foundation