

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 Ayr
Date of Survey 14/4/32
Name of Surveyor

Ship's Name.	Port of Registry and Nationality.	Official Number.	Gross Tonnage.	Date of Build.	Particulars of Classification.
CAIRNGORM	BRITISH GLASGOW	119113	401	1904/4	+ 100 A.1
Number in Register Book					

Registered dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	141.7	26.12	10.9	293
Length on LOADLINE.	Frame Depth Rule	Ceiling Sheer	Peak Tanks	
	141.5			2mc
CORRECTED DIMENSIONS.	141.5	26.12	11.43	293

Co-efficient of fineness..... **.69**
Any modification necessary {
[Para. 4 (a) to (e)]* }
Co-efficient as corrected **.69**

Sheer { Stem..... **45** } **72** ÷ 2 = **36** ...Mean
at { Sternpost ... **27** }

Sheer at $\frac{1}{8}$ of the length from { Stem **25.5** } **40.5** ÷ 2 = **20.25** ...Mean
{ Sternpost **15.0** }

Gradual mean Sheer
Standard mean Sheer [Table, Para. 18] **24.15** Correction
Difference..... **11.8** ÷ 4 = **-3**
§ If limited as Para. 18 (f)

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..... **3 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'-6**
Difference **-1'-2 3/4**
Percentage as below..... **57.10**

8.42 **avg** **-8 1/2**

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) } **+ 1/4**
Allowance for Deck Erections **-8 1/4**

	Length.	Length allowed.	Height.
Forecastle.....	26.0	21.85	6.6
Bridge House	8.75	8.75	7.0
† Raised Qr. Dk.....	70.50	70.50	4.4 ...
Poop.....			
Total		101.10	= .714
Length of Ship		141.50	
Corresponding percentage { (Para. 11, 12, 13, or 14) } 57.10			

Moulded Depth as measured..... **12'-3"**
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..... **141.5**
Length in Table **147.0**
Difference **5.5**
Correction for 10ft., Table A. **.9** Table C. ✓
× Difference divided by 10 **.495** (if required.)
If $\frac{1}{10}$ ths length covered divide by 2 **.247** **-1/4**

CORRECTION FOR IRON DECK.

Proportion covered, if less than $\frac{1}{10}$ ths length covered **.714**
Thickness of usual wood deck, less stringer **-2 1/2**

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships.....
Round of Beam **7**
Normal round..... **6 1/2**
Difference **1/2** ÷ 2 = **1/4**
Proportion of Deck uncovered (Para. 19) **.286** ✓

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

Freeboard, Table A **1'-9"**
Correction for Sheer **-3**
Correction for Length **1'-6"**
Allowance for Deck Erections **-1/4**
Correction for Round of Beam..... **1'-5 3/4**
Correction for fall in Sheer (if any)..... **-8 1/4**
Additions for non-compliance with provisions of }
Para. 11 (a) and (e) † }
Other Corrections (if any) **9 1/2**

Winter Freeboard **7'**
Summer Freeboard **5 1/2**
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. ✓

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:—

6 MAY 1932

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

Tropical Fresh Water Freeboard ... **0'-5 1/2"**
Fresh Water " " " " ... **0'-0 3/4"**
Tropical " " " " ... **0'-2 1/4"**
Winter " " " " ... **0'-4"**
Winter North Atlantic " " " " ... **0'-10 1/2"**