

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 3-11-32
Name of Surveyor

Ship's Name.	Port of Registry and Nationality.	Official Number.	Gross Tonnage.	Date of Build.	Particulars of Classification.
<i>INVERTEST</i>	LONDON BRITISH	145101	259 ✓	1920-11	+ 100 A "CARRYING O.F. IN BULK" F.P. ABOVE 150° FAHR.

Registered dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	120.1	23.15	9.3	207.25
Length on LOADLINE.	120.	Frame Depth 4 Rule " 3 - .16 NO SPARR. + .33	Ceiling +.20 Sheer +.36	Peak Tanks } INCL
CORRECTED DIMENSIONS.	120.0	23.32	9.86	207.25

Co-efficient of fineness..... .45
Any modification necessary
[Para. 4 (a) to (e)]*
Co-efficient as corrected45

Sheer { Stem..... 48 } $64.5 \div 2 = 32.25$... Mean 35.23
at { Sternpost ... 19.5 } $16 / 13.23$
Sheer at $\frac{1}{2}$ of the length from { Stem 30.75 } $30.75 \div 2 = 15.37$... Mean 35.23
Sternpost 8.0 } $\div .55 = 35.23$
Gradual mean Sheer *allowed* 34.49
Standard mean Sheer [Table, Para. 18] 22. - Correction
Difference..... 12.49 $\div 4 = 3.12$
§ If limited as Para. 18 (f) - 3"

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

Fall in Sheer {
Para. 18 (d) } $1\frac{1}{4} \div 2 = .625$
Length uncovered Correction $+ \frac{1}{2}$

ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C..... $0' - 2\frac{1}{2}"$
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) } $1 - 1\frac{3}{4}$
Difference $0 - 11\frac{1}{4}$
Percentage as below..... 10.07
1.13

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11)
Allowance for Deck Erections $- 1\frac{1}{4}$

	Length.	Length allowed.	Height.
Forecastle.....	19.75	13.166	4.0
Bridge House			
TRUNK: $49 \times \frac{1}{2} = 24.5$			
+ Raised Q. Dk.....		$\frac{4 \times 1}{2} = 2$	
Poop.....			
Total	49.54	19.13	
Length of Ship	120.	120	
Corresponding percentage (Para. 11, 12, 13, or 14)	10.07		

Moulded Depth as measured..... $10' - 0"$

Addition for Keel below base line for draught record..... $\frac{1}{2}$ inches.

CORRECTION FOR LENGTH.

Length of Ship on Loadline..... 120
Length in Table 120
Difference
Correction for 10ft., Table A.
× Difference divided by 10
If $\frac{1}{10}$ ths length covered divide by 2

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

CORRECTION FOR IRON DECK.

Proportion covered, if less than $\frac{1}{10}$ ths length covered413
Thickness of usual wood deck, less stringer $2\frac{1}{2}$

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships..... 23.0
Round of Beam 6
Normal round..... $5\frac{3}{4}$
Difference $.25 \div 2 = .125$
Proportion of Deck uncovered (Para. 19)587

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

Freeboard, Table A $1' - 4\frac{3}{4}"$
Correction for Sheer $- 3$
 $1 - 1\frac{3}{4}$

Correction for Length
Allowance for Deck Erections $1\frac{1}{4}$
 $1 - 0\frac{1}{2}$

Correction for Round of Beam.....
Correction for fall in Sheer (if any)..... $+ \frac{1}{2}$
 $1 - 1$
Correction for Steel Deck (if required) $- 1$
 $1 - 0$

Additions for non-compliance with provisions of Para. 11 (d) and (e) $\frac{1}{2}$
Other Corrections (if any)

Winter Freeboard $1' - 0"$
Summer Freeboard $1\frac{1}{4}$ $0' - 10\frac{1}{2}"$
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, Steel, Deck:—

4 NOV 1932
Tropical Fresh Water Line above Centre of Disc ... $3\frac{3}{4}"$
Fresh Water Line " " ... $2\frac{1}{4}"$
Tropical Line " " ... $1\frac{1}{2}"$
Winter Line below " " ... $1\frac{1}{2}"$
Winter North Atlantic Line " " ... $3\frac{1}{2}"$

Tropical Fresh Water Freeboard ... $0' - 10\frac{1}{2}"$
Fresh Water " " ... $0' - 8\frac{1}{2}"$
Tropical " " ... $0' - 9"$
Winter " " ... $1' - 0"$
Winter North Atlantic " " ... $1' - 2"$