

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

Name of Surveyor

22-3-32

Ship's Name.	Port of Registry and Nationality.	Official Number.	Gross Tonnage.	Date of Build.	Particulars of Classification.
S/S "LORCA"	London British	162525	4575 M.O.T. 9353	1931	+ 100 A1
Number in Register Book					

Registered dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	393.4	53.8	26.6	4558.93
Length on LOADLINE.	393	Frame Depth 12 Rule " 6 = 1.0	Ceiling fitted Sheer +1.00	Peak uncl'd Tanks Raised Tank aft 29.9
CORRECTED DIMENSIONS.	393	52.8	27.60	4588.83

Co-efficient of fineness..... .801
Any modification necessary } C.O.B.
[Para. 4 (a) to (e)]* }
Co-efficient as corrected78

Sheer { Stem..... 114 } 171 ÷ 2 = 85.5 Mean
at { Sternpost 57 }
Sheer at $\frac{1}{8}$ of the length from { Stem 62.5 } 93.75 ÷ 2 = 46.87 Mean
{ Sternpost 31.25 }
Gradual mean Sheer 85.22 ÷ 55 = 85.22
Standard mean Sheer [Table, Para. 18] 49.30 Correction
Difference..... 35.92 ÷ 4 = 8.98
If limited as Para. 18 (f) - 9

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..... 4'-0"
Correction for Length, if required (Para. 12, 13, and 14) + 3 3/4
Freeboard by Table A, corrected for sheer, and for length, if required (Para. 12, 13, and 14) 4'-3 3/4
Difference 7'-0 1/4
Percentage as below..... 25.9
30.33%
10.01

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) -
Allowance for Deck Erections -10

	Length.	Length allowed.	Height.
Forecastle.....	28.75	28.75	7.0
Bridge House	119.37	118.75	7.0
† Raised Qr. Dk.....			
Poop.....	29.62	29.62	7.0
Total		187.12	
Length of Ship		393	
Corresponding percentage (Para. 11, 12, 13, or 14) }			

30.33%

Moulded Depth as measured..... 29'-0"

Addition for Keel below base line for draught record..... 2 1/4 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..... 393
Length in Table 348
Difference 45
Correction for 10ft., Table A. 1.5 Table C. 7
× Difference divided by 10 6.75 (if required.) 3.15
If $\frac{1}{10}$ ths length covered divide by 2 + 6 3/4 + 3 1/4

CORRECTION FOR IRON DECK.

Proportion covered, if less than $\frac{1}{10}$ ths length covered 476
Thickness of usual wood deck, less stringer 3 1/2 1.67 - 1 3/4

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships..... 53'-3"
Round of Beam 13
Normal round..... 13.31
Difference 31 ÷ 2 = 15.5
Proportion of Deck uncovered (Para. 19) 522
F. 08

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

Freeboard, Table A 7'-2 1/2
Correction for Sheer - 9
6'-5 1/2
+ 6 3/4
7'-0 1/4
- 10
6'-2 1/4
Correction for Round of Beam.....
Correction for fall in Sheer (if any).....
Correction for Steel Deck (if required) - 1 3/4
6'-0 1/2
Additions for non-compliance with provisions of {
Para. 11 (d) and (e) }
Other Corrections (if any)

Winter Freeboard 6'-0 1/2
Summer Freeboard (4 1/2 - 6) 5 1/4
Indian Summer Freeboard 5'-7 1/4
N. A. Winter Freeboard 5'-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:—

AS ASSIGNED

Tropical Fresh Water Line above Centre of Disc	12"	Tropical Fresh Water Freeboard	5'-7 1/4"
Fresh Water Line	6 1/2"	Fresh Water	4'-7 1/4"
Tropical Line	5 1/2"	Tropical	5'-0 3/4"
Winter Line below	5"	Winter	5'-1 3/4"
Winter North Atlantic Line		Winter North Atlantic	6'-0 1/4"