

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 22-3-32
Name of Surveyor _____

Ship's Name. <u>S/S "LORCA"</u>	Port of Registry and Nationality. <u>London</u> <u>British</u>	Official Number. <u>162525</u>	Gross Tonnage. <u>4575</u> <u>5207</u> <u>M.O.T. 9353</u>	Date of Build. <u>1931</u>	Particulars of Classification. <u>+ 100 A1</u>
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Registered dimensions from Ship's Register.	LENGTH. <u>393.4</u>	BREADTH. <u>53.8</u>	DEPTH. <u>26.6</u>	UNDER DECK TONNAGE. <u>4558.93</u>
Length on LOADLINE.	<u>393</u>	Frame Depth Rule <u>6</u> Ceiling Sheer <u>1.0</u>	Peak Tanks <u>incl'd</u> <u>Raised Tank</u> <u>aft 29.9</u>	
CORRECTED DIMENSIONS.	<u>393</u>	<u>52.8</u>	<u>27.60</u>	<u>4588.83</u>

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.

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

CORRECTION FOR LENGTH.

Length of Ship on Loadline.....	<u>393</u>
Length in Table	<u>348</u>
Difference	<u>45</u>
Correction for 10ft., Table A.	<u>1.5</u>
× Difference divided by 10	<u>6.75</u>
If 1/10ths length covered divide by 2	<u>+ 6 3/4</u>
Table C.	<u>.7</u>
(if required.)	<u>3.15</u>
	<u>+ 3 1/4</u>

Sheer { Stem..... 114 } 171 ÷ 2 = 85.5 Mean 998
 at { Sternpost... 57 }
 Sheer at 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

CORRECTION FOR IRON DECK.
 Proportion covered, if less than 1/10ths length covered 476
 Thickness of usual wood deck, less stringer 3 1/2 1.67 - 1 1/4

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

CORRECTION FOR ROUND OF BEAM.
 Breadth at Gunwale amidships..... 53'-3"
 Round of Beam 13
 Normal round..... 13.31
 Difference 31 ÷ 2 = 15
 Proportion of Deck uncovered (Para. 19) 522
.08

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

ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C.....	<u>4'-0</u>
Correction for Length, if required (Para. 12, 13, and 14)	<u>+ 3 1/4</u>
Freeboard by Table A, corrected for sheer, and for length, if required (Para. 12, 13, and 14)	<u>4'-3 1/4</u>
Difference	<u>7'-0 1/4</u>
Percentage as below.....	<u>25.9</u>
	<u>30.33%</u>
	<u>10.07</u>

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

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

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

	Length.	Length allowed.	Height.
Forecastle.....	<u>28.75</u>	<u>28.75</u>	<u>7.0</u>
Bridge House	<u>119.37</u>	<u>118.75</u>	<u>7.0</u>
† Raised Qr. Dk.....			
Poop.....	<u>29.62</u>	<u>29.62</u>	<u>7.0</u>
Total	<u>187.12</u>		
Length of Ship	<u>393</u>		<u>= .4762</u>
Corresponding percentage (Para. 11, 12, 13, or 14) }	<u>30.33%</u>		

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

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 ...	<u>12"</u>	Tropical Fresh Water Freeboard ...	<u>5'-7 1/4"</u>
Fresh Water Line	<u>6 1/2"</u>	Fresh Water	<u>4'-7 1/4"</u>
Tropical Line	<u>5 1/2"</u>	Tropical	<u>5'-0 3/4"</u>
Winter Line below	<u>5"</u>	Winter	<u>5'-1 3/4"</u>
Winter North Atlantic Line	<u>5"</u>	Winter North Atlantic	<u>6'-0 1/4"</u>

AS ASSIGNED
28.3.32

878
23-3-32