

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 25. 10. 32
Name of Surveyor _____

Ship's Name. EKMA.	Port of Registry and Nationality. <i>Glasgow</i> <i>British</i>	Official Number. 122999.	Gross Tonnage. 5108	Date of Build. 1911.	Particulars of Classification. + 100 A. 1. (Shade Decks)
Number in Register Book _____					

Registered Dimensions from Ship's Register.	LENGTH. 400.00	BREADTH. 52.6	DEPTH. 24.7.	UNDER DECK TONNAGE. 3723.66
Length on LOADLINE.	409.42	Frame Depth Rule 52 $\times 2 = 104$	Ceiling + 20 Sheer + 72 1" drop in Tank + .04	Peak Tanks } <i>Incl.</i>
CORRECTED DIMENSIONS.	407.42	52.18	25.66	3723.66

Moulded Depth as measured.....**27'-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.....	409.42
Length in Table	327.00
Difference	82.42
Correction for 10ft., Table A.	1.4 Table C.
\times Difference divided by 10	11.56 (if required.)
If $\frac{1}{10}$ ths length covered divide by 2	5.78 + 5 $\frac{3}{4}$

Co-efficient of fineness..... **.68**
Any modification necessary } [Para. 4 (a) to (e)]* } **C. D. B.**
Co-efficient as corrected **.68** *Lower in Tables*

CORRECTION FOR IRON DECK.

Proportion covered, if less than $\frac{1}{10}$ ths length covered	<input checked="" type="checkbox"/>
Thickness of usual wood deck, less stringer	3 $\frac{1}{2}$"
<i>3" Sheathing fitted</i>	- 1 $\frac{1}{2}$"

Sheer { Stem.....**96** } $150 \frac{1}{2} \div 2 = 75 \frac{1}{4}$ Mean $\frac{76.82 + 50.74}{2} = 63.78$
 at { Sternpost ..**54 $\frac{1}{2}$** }
 Sheer at $\frac{1}{3}$ of the length from { Stem **54** } $84 \frac{1}{2} \div 2 = 42 \frac{1}{4}$ Mean $\frac{42.82 + 30.74}{2} = 36.78$
 Sternpost **30 $\frac{1}{2}$** }
 Gradual mean Sheer **76.03** $\div 2 = 38.015$
 Standard mean Sheer [Table, Para. 18] **50.94** Correction
 Difference..... **25.09** $\div 4 = 6.27$
 § If limited as Para. 18 (f) **- 6 $\frac{1}{4}$ "**

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships.....	57.6
Round of Beam	12 $\frac{3}{4}$
Normal round.....	12.9
Difference	15 $\div 2 =$.07
Proportion of Deck uncovered (Para. 19)	<input checked="" type="checkbox"/>

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

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

Fall in Sheer } $\div 2 =$
Para. 18 (d) }
Length uncovered Correction

Freeboard, Table A	6'-1 $\frac{3}{4}$"
Correction for Sheer	- 6 $\frac{1}{4}$"
Correction for Length	+ 5 $\frac{3}{4}$"
Allowance for Deck Erections	- 1'-3 $\frac{1}{4}$"
Correction for Round of Beam.....	<input checked="" type="checkbox"/>
Correction for fall in Sheer (if any).....	<input checked="" type="checkbox"/>
Correction for <i>3" sheathing on</i> Steel Deck (if required)	- 1 $\frac{1}{2}$"
Additions for non-compliance with provisions of } Para. 11 (d) and (e) † } <input checked="" type="checkbox"/>	
Other Corrections (if any)	<input checked="" type="checkbox"/>

ALLOWANCE FOR DECK ERECTIONS :—

Freeboard, Table C.....	3'-1 $\frac{1}{2}$"
Correction for Length, if required (Para. 12, 13, and 14)	5'-7 $\frac{1}{2}$"
Freeboard by Table A, corrected for sheer, and for length, if required (Para. 11, 12, 13, and 14) }	5'-7 $\frac{1}{2}$"
Difference	2'-6
Percentage as below.....	50.7%

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) }
Allowance for Deck Erections **- 1'-3 $\frac{1}{4}$ "**

Winter Freeboard	4'-9 $\frac{1}{2}$"
Summer Freeboard	4'-4"
Indian Summer Freeboard	3'-10 $\frac{1}{2}$"
N. A. Winter Freeboard	

	Length.	Length allowed.	Height.
Forecastle.....	63'-11"	57.54	7-9
Bridge House	217'-9"	199.35	8-0
† Raised Qr. Dk.	28'-0"	14.00	7-11
Poop.....	26'-9"	18.71	7-7 $\frac{1}{2}$
Total	289.60	289.60	= .707
Length of Ship	409.42		
Corresponding percentage } (Para. 11, 12, 13, and 14) }	50.7%		

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 " " " "	

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SUMMER FREEBOARD amidships from Centre of Disc to top of Deck Line, Wood, ~~Steel~~, Deck :—

Tropical Fresh Water Line above Centre of Disc ...	11 $\frac{1}{2}$"	Tropical Fresh Water Freeboard ...	4'-4 $\frac{1}{2}$"
Fresh Water Line " " " " ...	6"	Fresh Water " " " " ...	3'-10 $\frac{1}{2}$"
Tropical Line " " " " ...	5 $\frac{3}{4}$"	Tropical " " " " ...	3'-10 $\frac{1}{2}$"
Winter Line below " " " " ...	5 $\frac{3}{4}$"	Winter " " " " ...	4'-9 $\frac{1}{2}$"
Winter North Atlantic Line " " " " ...	✓	Winter North Atlantic " " " " ...	✓

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