

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 10-10-32

Name of Surveyor

Ship's Name. "ARANKOLA"		Port of Registry and Nationality. <i>Glasgow British</i>	Official Number. <i>129533</i>	Gross Tonnage. <i>4129</i>	Date of Build. <i>1911</i>	Particulars of Classification. <i>+100 A1. Shade Deck</i>
Number in Register Book						
Registered dimensions from Ship's Register.	LENGTH. <i>390.3</i>	BREADTH. <i>50.36</i>	DEPTH. <i>22.08</i>	UNDER DECK TONNAGE. <i>2888.86</i>	Moulded Depth as measured..... <i>24' 6"</i>	
Length on LOADLINE.	<i>389.5</i>	Frame Depth $\frac{7}{8}$ Ceiling <i>fitted</i> Rule " $\frac{5}{8}$ Sheer <i>+ .70</i>	Peak Tanks <i>included</i> <i>Deep D. Bin</i> <i>Engine Room</i> <i>+ 20 tons</i>	Addition for Keel below base line for draught record..... inches.		
CORRECTED DIMENSIONS.	<i>389.5</i>	<i>50.03</i>	<i>22.90</i>	<i>2908.86</i>		
Co-efficient of fineness..... <i>.65</i>		Any modification necessary { <i>C.D.B.</i>				
[Para. 4 (a) to (e)]*		<i>.68 Lowest in Tables.</i>				
Co-efficient as corrected						
Sheer { Stem..... <i>95.25</i> at Sternpost ... <i>49.50</i>		$144.75 \div 2 = 72.375$ Mean		<i>74.09</i> <i>48.95</i> <i>36.25.14</i> <i>.70</i>		
Sheer at $\frac{1}{2}$ of the length from { Stem <i>54.5</i> Sternpost <i>27.0</i>		$81.5 \div 2 = 40.75$ Mean		$\div .55 = 74.09$		
Gradual mean Sheer		<i>73.23</i>		<i>48.95</i>	Correction	
Standard mean Sheer [Table, Para. 18]		<i>24.28</i>		$\div 4 = 6.07$		
§ If limited as Para. 18 (f)				<i>- 6"</i>		
Rise in Sheer { At front of bridge house..... from amidships { At after end of forecastle		✓				
[Para. 18 (e)]						
Fall in Sheer {		$\div 2 =$				
Para. 18 (d) }		✓				
Length uncovered		Correction				
ALLOWANCE FOR DECK ERECTIONS:—						
Freeboard, Table C.....		<i>2' 3"</i>				
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) }		<i>4-7</i>				
Difference		<i>2-4</i>				
Percentage as below.....		<i>55.29%</i>				
		<i>15.44"</i>				
Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) }		<i>- 1' 3 1/2"</i>				
Allowance for Deck Erections						
	Length.	Length allowed.	Height.			
Forecastle.....	<i>58' 4"</i>	<i>53.51</i>				
Bridge House	<i>242' 3"</i>	<i>217.06</i>				
† Raised Qr. Dk.....	<i>24' 2"</i>	<i>22.7</i>				
Poop.....	<i>324' 9"</i>	<i>293.27</i>				
Total	<i>389.5</i>	<i>389.5</i>	<i>= .7529</i>			
Length of Ship	<i>389.5</i>					
Corresponding percentage {	<i>55.29%</i>					
(Para. 11, 12, 13, or 14) }						
CORRECTION FOR LENGTH.						
Length of Ship on Loadline.....		<i>389.5</i>				
Length in Table		<i>294.0</i>				
Difference		<i>95.5</i>				
Correction for 10ft., Table A.		<i>1.3</i>				
× Difference divided by 10		<i>12.41</i> (if required.)				
If $\frac{1}{10}$ ths length covered divide by 2		<i>6.20 + 6 1/4"</i>				
CORRECTION FOR IRON DECK.						
Proportion covered, if less than $\frac{1}{10}$ ths length covered						
Thickness of usual wood deck, less stringer		<i>3 1/2"</i>				
<i>2 1/2" Wood Sheathing Fitted</i>		<i>- 1"</i>				
CORRECTION FOR ROUND OF BEAM.						
Breadth at Gunwale amidships.....		<i>49' 2 1/2"</i>				
Round of Beam		<i>12 1/4"</i>				
Normal round.....		<i>12 1/4"</i>				
Difference		$\div 2 =$				
Proportion of Deck uncovered (Para. 19)		✓				
Freeboard, Table A		<i>5' 1"</i>				
Correction for Sheer		<i>- 6"</i>				
Correction for Length		<i>+ 6 1/4"</i>				
Allowance for Deck Erections		<i>- 5' 1 1/4"</i>				
Correction for Round of Beam.....		<i>- 1' 3 1/2"</i>				
Correction for fall in Sheer (if any).....		✓				
<i>2 1/2" Sheathing on</i>		<i>- 1"</i>				
Correction for Steel Deck (if required)		<i>3' 8 3/4"</i>				
Additions for non-compliance with provisions of {						
Para. 11 (d) and (e) † }						
Other Corrections (if any)						
Winter Freeboard		<i>3' 8 3/4"</i>				
Summer Freeboard		<i>3' 4 1/4"</i>				
Indian Summer Freeboard		<i>2' 11 3/4"</i>				
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. }		<i>NIL</i>				
Winter Freeboard from deck line						
Summer " " "						
Indian Summer " " "						
N.A. Winter " " "						
SUMMER FREEBOARD amidships from Centre of Disc to top of Deck Line, Wood, Deck:—						
Tropical Fresh Water Line above Centre of Disc ...		<i>5 1/4"</i>				
Fresh Water Line " " "		<i>5 1/4"</i>				
Tropical Line " " " (limited by side-light)		<i>NIL</i>				
Winter Line below " " "		<i>4 1/2"</i>				
Winter North Atlantic Line " " "		✓				
Tropical Fresh Water Freeboard ...		<i>2' 10 3/4"</i>				
Fresh Water " " "		<i>2' 10 3/4"</i>				
Tropical " " "		<i>3' 4"</i>				
Winter " " "		<i>3' 8 1/2"</i>				
Winter North Atlantic " " "		✓				

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