

# 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 **7- June-32**  
Name of Surveyor

Ship's Name.	Port of Registry and Nationality.	Official Number.	Gross Tonnage.	Date of Build.	Particulars of Classification.
<b>SOUTHWICK</b>	<b>Swanland British</b>	<b>137260</b>	<b>443</b>	<b>1917-2</b>	<b>+100 A-1</b>
Number in Register Book					
Registered dimensions from ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.	
	<b>150</b>	<b>26 1</b>	<b>10 75</b>	<b>317 02</b>	
Length on ADLINE.	<b>150</b>	Frame Depth <b>13 1/2</b> Rule " <b>3</b> <b>13 1/2</b> <b>-29</b>	Ceiling Sheer <b>+4 1/4</b> <b>10 42</b>	Peak Tanks <b>mc</b>	
CORRECTED DIMENSIONS.	<b>150</b>	<b>25 81</b>	<b>11 36</b>	<b>317 02</b>	
Efficient of fineness.....	<b>72</b>				
Modification necessary { Para. 4 (a) to (e) }					
Efficient as corrected .....	<b>72</b>				
Rise in Sheer { At front of bridge house..... } [Para. 18 (e)] { At after end of forecastle .....	<b>57</b> <b>27 1/4</b>	$78 \frac{1}{4} \div 2 = 39.125$ Mean	$\frac{22.5}{5.5} = 4.09$		
Gradual mean Sheer .....	<b>22 1/2</b>	$45 \div 2 = 22.5$ Mean	$\frac{40.9 - 22.5}{2} = 9.2$		
Standard mean Sheer [Table, Para. 18] .....	<b>15 0</b>	Difference.....	$\div 4 = -13 \frac{1}{4}$		
\$ If limited as Para. 18 (f) .....					
Fall in Sheer { Para. 18 (d) } Length uncovered .....	$\div 2 =$				
ALLOWANCE FOR DECK ERECTIONS :-					
Freeboard, Table C.....	<b>3 1/4</b>				
Correction for Length, if required (Para. 12, 13, and 14) .....	<b>+ 1/2</b>				
Freeboard by Table A, corrected for shear, and for length, if required (Para. 11, 12, 13, and 14) .....	<b>1-9 1/4</b>				
Difference .....	<b>1-5 1/2</b>				
Percentage as below.....	<b>33%</b>				
Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) .....	<b>-5 3/4</b>				
Allowance for Deck Erections .....	<b>-5 3/4</b>				
Forecastle.....	Length <b>24</b> met <b>3.7m</b>	Length allowed <b>21.91</b>	Height <b>6 6</b>		
Bridge House .....	<b>✓</b>	<b>✓</b>	<b>3 5 1/2</b>		
+ Raised Qr. Dk.....	<b>55 6 1/2</b>	<b>55 54</b>	<b>3 5 1/2</b>		
Poop.....					
Total .....	$\frac{77.45 + 8}{150} = 4.13$				
Length of Ship .....					
Corresponding percentage { (Para. 11, 12, 13, and 14) }	<b>33 2</b>				
Moulded Depth as measured..... <b>11-8</b>					
Addition for Keel below base line for draught record..... <b>1</b> inches.					
CORRECTION FOR LENGTH.					
Length of Ship on Loadline.....	<b>150</b>				
Length in Table .....	<b>140</b>				
Difference .....	<b>10</b>				
Correction for 10ft., Table A.....	<b>-9</b>	Table C.....	<b>5</b>		
x Difference divided by 10 .....	<b>-9</b>	(if required.)			
If 10ths length covered divide by 2 .....	<b>+1</b>		<b>+1/2</b>		
CORRECTION FOR IRON DECK.					
Proportion covered, if less than 10ths length covered .....	<b>516</b>				
Thickness of usual wood deck, less stringer .....	<b>3 - 42 = 2.58</b>				
	<b>-1 1/4</b>				
CORRECTION FOR ROUND OF BEAM.					
Breadth at Gunwale amidships.....	<b>26</b>				
Round of Beam .....	<b>6 1/2</b>				
Normal round.....	<b>6 1/2</b>				
Difference .....	$\div 2 =$				
Proportion of Deck uncovered (Para. 19) .....	<b>✓</b>				
Freeboard, Table A .....	<b>1-8 1/4</b>				
Correction for Sheer .....	<b>-1 3/4</b>				
Correction for Length .....	<b>+1</b>				
Allowance for Deck Erections .....	<b>-5 3/4</b>				
Correction for Round of Beam.....	<b>✓</b>				
Correction for fall in Sheer (if any).....	<b>✓</b>				
Correction for Steel Deck (if required) .....	<b>-1 1/4</b>				
Additions for non-compliance with provisions of Para. 11 (d) and (e) † .....	<b>1-0 1/2</b>				
Other Corrections (if any) .....					
Winter Freeboard .....	<b>1-0 1/2</b>				
Summer Freeboard .....	<b>11</b>				
Indian Summer Freeboard .....	<b>-</b>				
N. A. Winter Freeboard .....	<b>-</b>				
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

Tropical Fresh Water Line above Centre of Disc ... **4 1/4** **108 mm**  
Fresh Water Line " " ... **2 3/4** **70**  
Tropical Line " " ... **1 1/2** **38**  
Winter Line below " " ... **1 1/2** **38**  
Winter North Atlantic Line " " ... **3 1/2** **89**

### Disc to top of Deck Line, ~~Wood~~ Steel, Deck:

Tropical Fresh Water Freeboard ... **17 1/2** **0'-11"**  
Fresh Water " " ... **20 1/2** **0'-8 3/4"**  
Tropical " " ... **24 1/2** **0'-29 1/2"**  
Winter " " ... **31 1/2** **1'-0 1/2"**  
Winter North Atlantic " " ... **36 1/2** **1'-2 1/2"**

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