

# Lloyd's Register of Shipping

SURVEYS FOR FREEBOARD - STEAM SHIPS.

REGULATIONS RELATING TO ALL STEAM SHIPS EITHER FLUSH DECKED, OR WITH 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 *Belfast*  
Date of Survey *Building 3rd July 1930*  
Name of Surveyor *S O Kendall*

10412

Ship's Name. <b>SILVERWALNUT</b>	Port of Registry and Nationality. <i>London British</i>	Official Number. <i>161455</i>	Gross Tonnage.	Date of Build. <i>1930</i>	Particulars of Classification. <i>+100A1 with freeboard contemplated</i>
Number in Register Book					

Registered dimensions from Ship's Register.	LENGTH. <i>456.3</i>	BREADTH. <i>62.00</i>	DEPTH. <i>25.60</i>	UNDER DECK TONNAGE. <i>5909.84</i>
Length on LOADLINE.	<i>455.0</i>	<i>mean</i> Frame Depth $8\frac{1}{2}$ Rule " $7$ $1\frac{1}{2} \times 2 = 25$	Ceiling + $20$ Sheer + $13$ Deep Floors in Motor Room + $2.30$ Stern $28.23$ $27.97$	Peak Tanks } included Deep Floors under engine $70.5$ Less Chimney $17.0$ Stern $17.0$ $5963.34$
CORRECTED DIMENSIONS.	<i>455.0</i>	<i>61.75</i>	<i>27.97</i>	<i>5963.34</i>

Moulded Depth as measured..... *30-6 1/2*"

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.

Co-efficient of fineness..... *76.752*

Any modification necessary } *02 Cell D/B.*  
[Para. 4 (a) to (e)]\*

Co-efficient as corrected ..... *74.73*

CORRECTION FOR LENGTH.

Length of Ship on Loadline.....	<i>455</i>
Length in Table .....	<i>366.5</i>
Difference .....	<i>88.5</i>
Correction for 10ft., Table A. ....	<i>1.5</i>
Table C.	
× Difference divided by 10 .....	<i>13.27</i> (if required.)
If 1/10ths length covered divide by 2 + <i>6.63</i>	<i>say + 6 3/4</i>

Sheer { Stem.....  $7\frac{1}{2}$  }  
at { Sternpost ...  $38\frac{3}{4}$  }  $110\frac{1}{4} \div 2 = 55.12$  ... Mean  $60.22 - 55.5 = 4.72$   
 $+ 13$

Sheer at 1/3 of the length from { Stem  $45\frac{1}{4}$  }  
{ Sternpost  $21$  }  $66\frac{1}{4} \div 2 = 33.12$  ... Mean

Gradual mean Sheer  $\frac{33.12 + 55.12}{2} = 44.12$  ...  $57.67 - 44.12 = 13.55$

Standard mean Sheer [Table, Para. 18] .....  $55.50$  - Correction

Difference.....  $2.17 \div 4 = .54$  -

§ If limited as Para. 18 (f) ..... *say - 1/2*

CORRECTION FOR IRON DECK.

Proportion covered, if less than 1/10ths length covered .....

Thickness of usual wood deck, less stringer .....  $-3\frac{1}{2}$ "

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

Fall in Sheer { Para. 18 (d) }  $\frac{1}{2} \div 2 = 1/4$

Length uncovered *covered by erection* ✓ Correction *NIL*

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships.....	<i>61.75</i>
Round of Beam .....	<i>15 1/2</i>
Normal round.....	<i>15 1/2</i>
Difference .....	$\checkmark \div 2 =$
Proportion of Deck uncovered (Para. 19) .....	<i>NIL</i>

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

ALLOWANCE FOR DECK ERECTIONS :-

Freeboard, Table C.....	<i>4-6 1/2</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) } Difference .....	$7 - 7\frac{1}{4} 6\frac{3}{4}$ $3 - 10\frac{3}{4}$
Percentage as below.....	$\frac{94.4}{34.4369}$

Freeboard, Table A .....	<i>7-7 3/4</i>
Correction for Sheer .....	$- \frac{1}{2}$
Correction for Length .....	$+ 6\frac{3}{4}$
Allowance for Deck Erections .....	$8 - 1$
Correction for Round of Beam.....	$5 - 2$
Correction for fall in Sheer (if any).....	
Correction for Steel Deck (if required) .....	$- 3\frac{1}{2}$
Additions for non-compliance with provisions of Para. 11 (d) and (e) †	$4 - 11$
Other Corrections (if any) .....	

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

Allowance for Deck Erections .....  $- 2-7\frac{10}{14}$

Winter Freeboard .....	
Summer Freeboard .....	
Indian Summer Freeboard .....	
N. A. Winter Freeboard .....	
Correction necessary because clearside amidships in accordance with the Statute is not intersection of the wood or steel deck with	
Winter Freeboard from d	
Summer "	
Indian Summer	
N. A. Winter,	

	Length.	Length allowed.	Height.
Forecastle.....	<i>408.25</i>	<i>408.25</i>	<i>12.5 to 9.5</i>
Bridge House .....			
Journal Opening + Raised Quarter Deck.....	<i>5.33</i>		
Poop.....	<i>41.42</i>	<i>41.42</i>	<i>11</i>
Total .....	<i>455.00</i>	<i>449.67</i>	
Length of Ship .....	$\frac{1}{2}$ DIFF	$2.66$	
Corresponding percentage (Para. 11, 12, 13, or 14) } <i>94.4</i>		$\frac{452.33}{455} = .9941$	

FREEBOARD recommended amidships from centre of Disc to top of Statutory Deck Line, Wood (Steel) Deck :-

Fresh Water Line	above	centre of Disc	...
Indian Summer Line	"	"	...
Winter Line	below	"	...
Winter North Atlantic Line	"	"	...

7 JUL 1930



§ If the hull, skin planking, or ceiling are of unusual thickness the breadth of vessel to be reported should be reported if possible. ...

Do all the Frames extend to the top height in the Poop? *Yes.* Raised Quarter Deck?  Bridge House? *Yes.* Poop  
 To what height do the Reverse Frames extend? *Channel Frames.*  
 Has the Poop or Raised Quarter Deck an efficient Iron Bulkhead at the fore end? *Yes.*  
 Give particulars of the means for closing the openings in Bulkhead *weather boards full height in riveted channels.*  
 Is the Poop or Raised Quarter Deck connected with the Bridge House? *Yes.* Has the Bridge House an efficient Bulkhead at the fore end? *Yes.*  
 Give particulars of the means for closing the openings in Bulkhead   
 What is the thickness of the Bridge Front plating?  and Coaming plate?   
 Give scantlings and spacing of the Stiffeners   
 Are bracket plates fitted at each end of the Stiffeners?  Are hor'l. brackets fitted connecting Bridge Bulk'd. with Bulwarks?   
 Has the Bridge House an efficient Iron Bulkhead at the after end? *Yes.*  
 How are the openings closed? *weather boards full height in riveted channels.*  
 Is the Forecastle at least as high as the main or top-gallant rail? *Yes.* Has the Forecastle an efficient Iron or Wood Bulk'd. at after end? *Yes.*  
 Are the Engine and Boiler openings covered by a Bridge, Poop, Raised Quarter Deck, or enclosed by a Strong Iron or Steel Deckhouse? *Yes.*  
 If the openings are not so protected are the exposed parts of the Casings efficiently constructed?   
 Give thickness of plating; scantlings and spacing of Stiffeners   
 What is the height of the exposed Casings?  Are suitable means provided for closing all openings in them in bad weather?   
 Are the Weather Deck Hatchways efficiently constructed and at least equal to the requirements of Section 28 of the Rules for 1904-5? Give particulars below:— *Yes.*

Position and Size.	N <sup>o</sup> 1 31'6" x 21'0"		N <sup>o</sup> 2 32'0" x 21'0"		N <sup>o</sup> 3 29'4" x 21'0"		N <sup>o</sup> 4 32'0" x 21'0"		N <sup>o</sup> 6 9'6" x 17'0"		
Item.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	
COAMING											
Height above top of DECK	36	24	36	18	36	18	36	18	36	18	
Thickness	Sides	44	50	44	50	44	50	44	50	44	
	Ends	44	50	44	50	44	50	44	50	44	
SHIFTING BEAMS OR WEB PLATES	Number	5	5	5	5	5	5	5	ONE	ONE	
	Section and Scantlings	15 1/2 x 32 4 1/2 x 3 = 42	15 1/2 x 32 4 1/2 x 3 = 42	← as in N <sup>o</sup> 1				→ 13 x 32 and 3 1/2 x 3 = 38			
	Material	Steel									
* FORE AND AFTERS	Number		none								
	Section and Scantlings										
	Material										
HATCHES Thickness	2 1/2		2 1/2		2 1/2		2 1/2		2 1/2		
Remarks	3 on 2 <sup>nd</sup> Deck.										

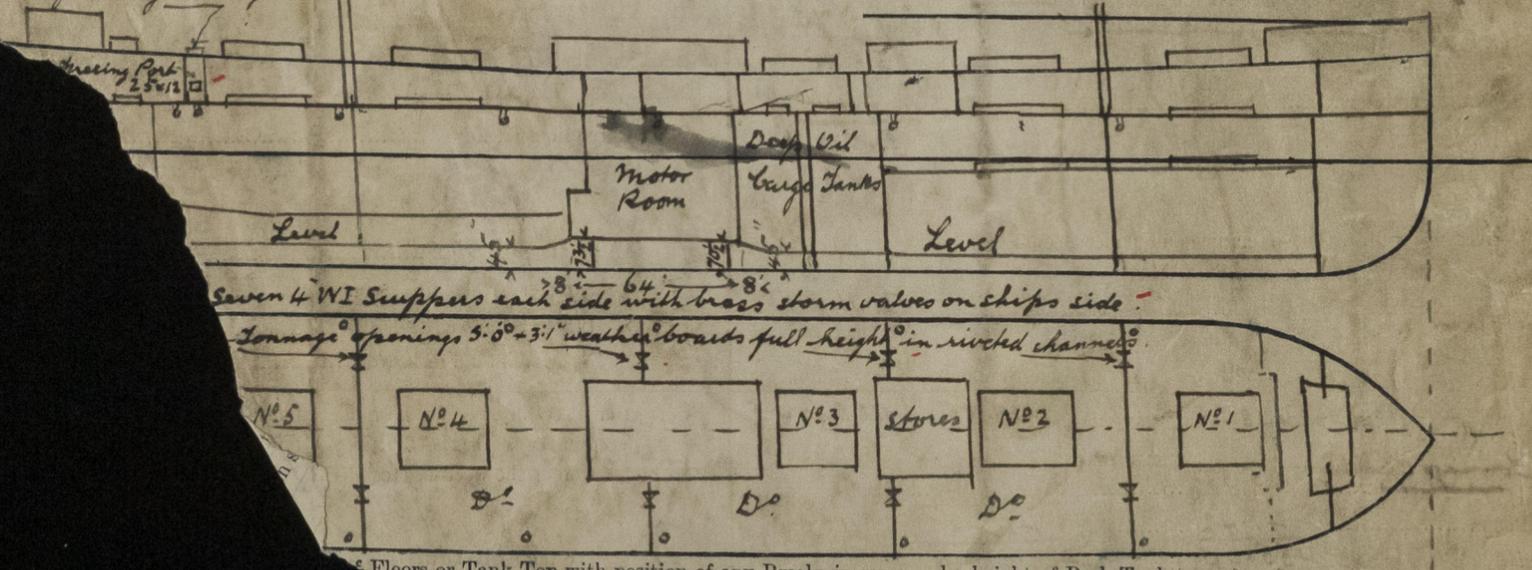
\* The depth of Fore and Afters should be stated from the underside of the hatches in all cases.  
 (If the all of the lowest side scuttle will be less than 6 inches above the Indian Summer Load Line if assigned under the tables, state vertical distance from top of deck at side amidships to lower edge of lowest side scuttle.)

The following information is to be given in all Cases of vessels dealt with under Paras. 11, 12 (under 15 feet Moulded depth) and under Shelter Deck Rules.  
 What is the thickness of the Bridge Sheerstrake? \_\_\_\_\_ Strake between Main and Bridge Sheerstrakes? \_\_\_\_\_

Delete the words } The Crew are, are not, berthed in the bridge house.  
 that do not apply } The arrangements to enable them to get backwards and forwards from their quarters are, are not satisfactory.

Length of Bulwarks in well \_\_\_\_\_  
 Area of Freeing Ports required by Para. 11 (e) each side of vessel = \_\_\_\_\_ Sq. ft.  
 Ft. Tenths. Ft. Tenths. No. } Freeing Ports (each side of vessel) = \_\_\_\_\_ Sq. ft.  
 Total deficiency or excess = \_\_\_\_\_ Sq. ft.

*Tonnage opening 21' x 4' 8" efficient means provided for temporary closing*



*Seven 4" WI Scuppers each side with brass storm valves on ships side*  
*Tonnage openings 3' 0" x 3' 1" weather boards full height in riveted channels*

Floors or Tank Top with position of any Breaks in same; also height of Peak Tank tops, &c., &c.  
 408.25

on of the Vessel *Verified copies of approved plans filed in London Office*  
*Harland & Wolffs N° 883*

*Belfast Report N° 10381*  
*Thompson Ltd (Mgrs)*

