

# Lloyd's Register of Shipping

## SURVEYS FOR FREEBOARD - STEAM SHIPS.

GLASGOW REPORT No. 50601

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 Glasgow  
Date of Survey White building  
Name of Surveyor R. Janley

Ship's Name. <u>White De Lewis</u>	Port of Registry and Nationality. <u>Glasgow</u>	Official Number. <u>161922</u>	Gross Tonnage. <u>✓</u>	Date of Build. <u>1930</u>	Particulars of Classification. <u>100A - For Ferry Service between Quebec &amp; Lewis (bark)</u>
Number in Register Book					

Registered dimensions from Ship's Register.	LENGTH. <u>141.7</u>	BREADTH. <u>50.15</u>	DEPTH. <u>16.1</u>	UNDER DECK TONNAGE. <u>657.52</u>
Length on LOADLINE.	<u>144</u>	Frame Depth Rule <u>6</u> <u>2 x 5</u> <u>2 x 2</u> <u>no shear</u> <u>+ .33</u>	Ceiling <u>hull</u> Sheer <u>+21</u>	Peak & Tanks <u>2 Dec</u> <u>3 above</u>
CORRECTED DIMENSIONS.	<u>144</u>	<u>50.31</u>	<u>16.5109</u>	<u>657.25</u>

Moulded Depth as measured 18'-0"  
 Rule wood 3  
 Mean effective sheathing fitted 2 1/4  
 Addition for Keel below base line for draught record 6 inches.  
17'-11 1/4" base

NOTE - If the depth is measured when vessel is afloat, the details of measurement should be reported.  
18'-0"  
6  
18'-6"  
2'-0"  
16'-0"

### CORRECTION FOR LENGTH.

Length of Ship on Loadline..... 144  
 Length in Table ..... 216 215.25  
 Difference ..... 72 71.25  
 Correction for 10ft., Table A. .... 1.1 84 Table C.  
 x Difference divided by 10 ..... 7.92 (if required.)  
 If 1/10ths length covered divide by 2 396 - 7 3/4

### CORRECTION FOR IRON DECK.

5 x 3 1/2 = 1.75  
5 x 1 1/4 = .62  
 Mean effective 2.37  
 Proportion covered, if less than 1/10ths length covered .....  
 Thickness of usual wood deck, less stringer ..... 3  
 Mean effective sheathing 2 3/4

Allowed for in Mld. Depth.

### CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships..... 50.0  
 Round of Beam ..... 6  
 Normal round..... 12.5  
 Difference ..... 6 1/2 ÷ 2 = 3 1/4  
 Proportion of Deck uncovered (Para. 19) ..... + 3 1/4

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

Co-efficient of fineness..... 58.564  
 by modification necessary }  
 [Para. 4 (a) to (e)]\* }  
 Co-efficient as corrected ..... .68 (lowest in Tables).

Stem..... 6  
 Sternpost ... 30  
 $36 ÷ 2 = 18$  ... Mean 16.82  
24.40  
16.82  
36 17.658  
.21

Stem 12  
 Sternpost 17  
 $182 ÷ 2 = 91$  ... Mean 16.82  
16.82  
24.40  
 Correction 7.58 ÷ 4 = 1.89  
+2

At front of bridge house.....  
 At after end of forecastle.....  
 At front of bridge house.....  
 At after end of forecastle.....  
 At front of bridge house.....  
 At after end of forecastle.....

### ALLOWANCE FOR DECK ERECTIONS :-

board, Table C.....  
 Correction for Length, if required (Para. 12, 13, and 14) .....  
 board by Table A. corrected for sheer, and for length, if required (Para. 11, 12, 13, and 14) }  
 Difference .....  
 Percentage as below.....

Castle.....	Length.	Length allowed.	Height.
Bridge house.....			
Raised Qr. Dk.....			
Total.....			
of Ship.....			
ponding percentage } (Para. 11, 12, 13, or 14)			

Freeboard recommended amidships from centre of Disc to top of Statutory Deck Line, W (Steel) Deck :-  
 Fresh Water Line above centre of Disc .....  
 Indian Summer Line " " " " .....  
 Winter Line below " " " " .....  
 Winter North Atlantic Line " " " " .....

Freeboard, Table A ..... 3'-0 3/4"  
 Correction for Sheer ..... + 2"  
3'-2 3/4"  
 Correction for Length ..... - 7 3/4"  
2'-7"  
 Allowance for Deck Erections ..... + 3 1/4"  
2'-10 1/4"  
 Correction for Round of Beam.....  
 Correction for fall in Sheer (if any).....  
 Correction for Steel Deck (if required) ..... Allowed for in Mld. Depth  
 Additions for non-compliance with provisions of }  
 Para. 11 (d) and (e) }  
 Other Corrections (if any) For 1 1/4" composition in way... }  
of marking } - 1"  
To correspond with position of lowest side stanchion. } 2'-9 1/4"  
9 } + 9 1/2"  
 Winter Freeboard ..... 3'-6 3/4"  
 Summer Freeboard ..... 3'-6 3/4"  
 Indian Summer Freeboard .....  
 N. A. Winter Freeboard .....

Correction necessary because clearside amidships, measured in accordance with the Statute is not taken at the intersection of the 1 1/4" composition steel deck with side.  
 $6 - (\frac{23.25}{35}) \times 6 = 6 - 3.97 = 2.03$   
 Winter Freeboard from deck line, .....  
 Summer " " " " .....  
 Indian Summer " " " " .....  
 N. A. Winter " " " " .....  
1 1/4" composition in (Steel) Deck :- .....  
3'-7 1/2" for all seasons  
3 1/2"

the frames, skin planking, or ceiling are of unusual thickness the breadth of vessel to inside of ceiling should be reported if possible.  
 † In vessels obtaining an allowance for deck erections under Para. 11 where the sheer drops abaft amidships the height of the R.Q.D. is to be taken from the level of the top of the amidship beam.  
 § In flush-decked vessels the total standard mean sheer means the sheer measured at the stem and stern-post. In vessels having poops and forecastles, it means the sheer measured at points distant one-eighth of the vessel's length from stem and stern-post.

† State dimensions of freeing port area on back of this form.  
 ‡ The Surveyor should state whether the fall in sheer as reported is measured relatively to the straight line of keel or to the water line. If measured relatively to water line the vessel's draft at time of survey, and also the usual load draft forward and aft should be reported.

Do all the Frames extend to the top <sup>of upper Deck</sup> height in the Poop? *Yes.* Raised Quarter Deck? *Yes.* Bridge House?  Forecastle?   
 To what height do the Reverse Frames extend? *24" above level of flow line.*  
 Has the Poop or Raised Quarter Deck an efficient Iron Bulkhead at the fore end? *aboard Motor Car Shell Doors? Yes.*  
 Give particulars of the means for closing the openings in Bulkhead *hinged wood doors.*  
 Is the Poop or Raised Quarter Deck connected with the Bridge House?  Has the Bridge House an efficient Bulkhead at the fore end?   
 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?   
 How are the openings closed?   
 Is the Forecastle at least as high as the main or top-gallant rail? *no* Has the Forecastle an efficient Iron or Wood Bulk'd. at after end?   
 Are the Engine and Boiler openings covered by a <sup>when - Boat Deck</sup> 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 the Rules? Give particulars below:— *no Cargo Hatches.*

Position.	Size.	Height above top of DECK	Thickness	SHIFTING BEAMS OR WEB PLATES.	* FORE AND AFTERS.	HATCHES Thickness	Remarks
			Sides.....	Number.....	Number.....		
			Ends.....	Section and Scantlings.....	Section and Scantlings.....		
				Material.....	Material.....		

\* The depth of Fore and Afters should be stated from the underside of the hatches in all cases.

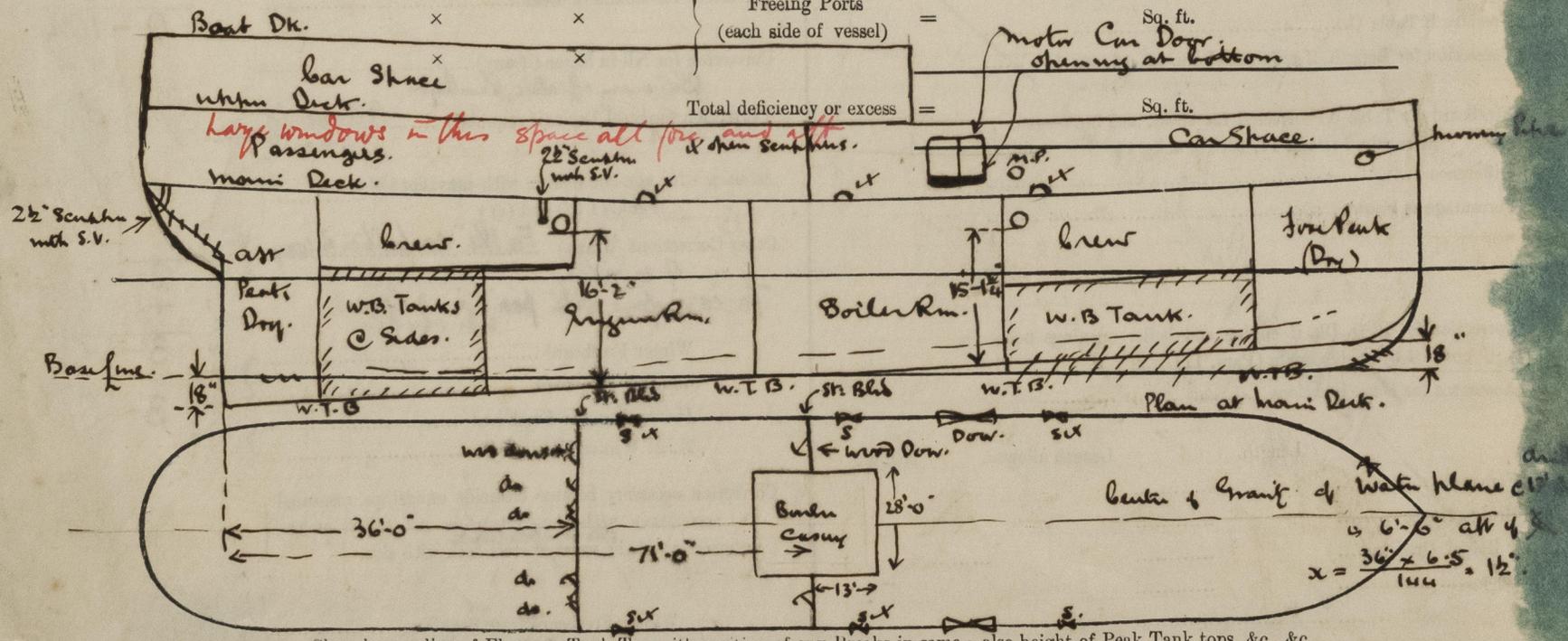
(If the sill of the lowest side scuttle will be less than 6 inches above the Indian Summer Load Line if assigned under the tables, state vertical distance from top of keel to lower edge of lowest side scuttle.) *Vertical Distance top of Keel to Lower Edge of lowest side Scuttle. 15'-1 1/4" (65% frames)*

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, ~~not~~ satisfactory.

Length of Bulwarks *58'-0"*  
 Area of Freeing Ports required by Para. 11 (e) each side of vessel = *64* Sq. ft.  
 Ft. Tenth. Ft. Tenth. No.



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

State any special features in the construction of the Vessel *Motor Car Ferry.*

Builder's name and yard number *Napier & Miller's No. 274.*

Names of sister vessels  *Plans of Midship Section, Profile (general angle) together with Deckboard Request Form are forwarded herewith.*  
 Owners *Levis Ferry Coy.*

Address  
 Fee £ : : Received by me

