

5 SEP 1924

Index No. 31415  
(For London Office only)

# Lloyd's Register of Shipping.

## SURVEYS FOR FREEBOARD.—STEAM SHIPS.

No. 43942Port of Survey GlasgowDate of Survey 1. 9. 24Name of Surveyor George Nicol

PARTICULARS RELATING TO ALL STEAM SHIPS ~~UNDER FULLY 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.~~

LINGTON

Ship's Name S. "FOREST HILL" Port of Registry and Nationality London British Official Number 147738 Gross Tonnage 1599.61 Date of Build 1924 Particulars of Classification \* 100. A. 1. (Class contemplated)

Registered dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	<u>250.5</u>	<u>39.7</u>	<u>17.9</u>	<u>1374.81</u>
Length on LOADLINE.	<u>249.75</u>	Frame Depth <u>7 1/2</u> Ceiling + <u>20</u> Peak } <u>Incl.</u> Rule <u>5</u> Sheer + <u>62</u> Tanks <u>No. - 42</u> <u>Span + 33</u> <u>- 89</u>		
CORRECTED DIMENSIONS.	<u>249.75</u>	<u>39.61</u>	<u>18.72</u>	<u>1374.81</u>

Moulded Depth as measured 19-10 3/8  
Wood deck  
less stringer } - 3 1/2  
Addition for Keel below base line for draught record 2 1/4 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 249.75  
Length in Table 234.87  
Difference 14.88  
Correction for 10ft., Table A. 1.12 Table C. .6  
× Difference divided by 10 1.66 (if required.) .892  
If 1/10ths length covered divide by 2 + 1 3/4

## CORRECTION FOR IRON DECK.

Proportion covered, if less than 1/10ths length covered .....  
Thickness of usual wood deck, less stringer .....  
Allowed in reduced moulded depth

## CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships 39.5  
Round of Beam 11  
Normal round 10  
Difference 1 ÷ 2 = 1/2  
Proportion of Deck uncovered (Para. 19) .61

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

Co-efficient of fineness .....  
Any modification necessary [Para. 4 (a) to (e)] \*  
Co-efficient as corrected .....

Sheer { Stem 72 } 112.5 ÷ 2 = 56.25 Mean 57.27  
at { Sternpost 40.5 } 34.97  
Sheer at 1/2 of the length from { Stem 41 } 63 ÷ 2 = 31.5 Mean 57.27  
{ Sternpost 22 } 57.27 + 56.25 = 56.76  
Gradual mean Sheer 2 34.97 correction  
Standard mean Sheer [Table, Para. 18] 21.79  
Difference ÷ 4 = - 52  
§ If limited as Para. 18 (f) .....

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

¶ Fall in Sheer { ÷ 2 = .....  
Para. 18 (d) {  
Length uncovered ..... Correction

## ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C. 1-2 3/4  
Correction for Length, if required (Para. 12, 13, and 14) + 1-3 3/4  
Freeboard by Table A, corrected for sheer, and for length, if required (Para. 12, 13, and 14) - 3.32  
Difference 1-11 3/4  
Percentage as below 24.27%

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

	Length.	Length allowed.	Height.
Forecastle <u>overhang</u>	<u>22.94</u>	<u>22.94</u>	<u>7-11</u>
Bridge House <u>apt.</u>	<u>58.00</u>	<u>57.50</u>	"
+ Raised Q. Dk.			
Poop	<u>16.56</u>	<u>16.56</u>	"
Total		<u>97.00</u>	<u>.3884</u>
Length of Ship		<u>249.75</u>	
Corresponding percentage (Para. 12, 13, or 14)	<u>24.27</u>		

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	"	...

Winter Freeboard 2-9 1/2  
Summer Freeboard 2-6 3/4  
Indian Summer Freeboard 2-4  
N. A. Winter Freeboard 2-11 1/2  
Correction necessary because clearside amidships, measured in accordance with the Statute is not taken at the intersection of the ~~wood~~ steel deck with side. + 1 3/4

Winter Freeboard from deck line	<u>2-11 1/4</u>
Summer " " "	<u>2-8 1/2</u>
Indian Summer " " "	<u>2-5 3/4</u>
N. A. Winter " " "	<u>3-1 1/4</u>

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 should also be reported.

MARKING FORM  
RECEIVED 11 SEP 1924  
Lloyd's Register  
Foundation

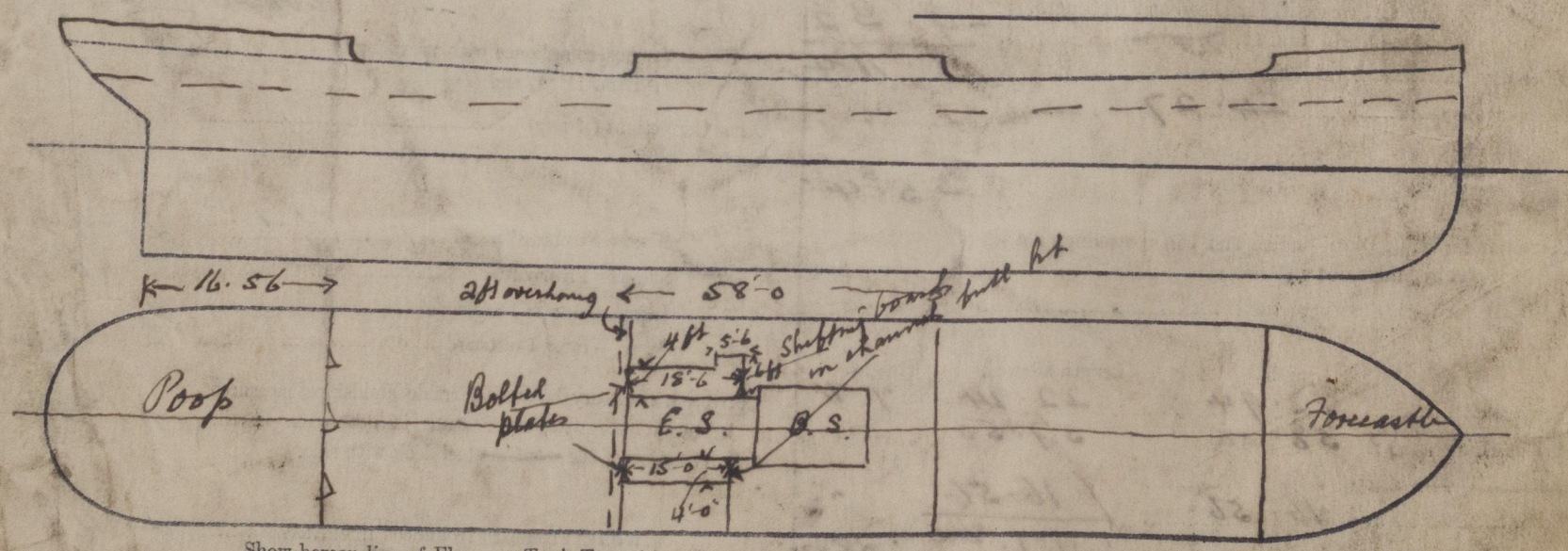


Do all the Frames extend to the top height in the Poop? *Yes* ~~Raised Quarter Deck?~~ Bridge House *alternately* Forecastle? *Yes*  
 To what height do the Reverse Frames extend? *Across floors in double bottom*  
 Has the Poop or ~~Raised Quarter Deck~~ an efficient Iron Bulkhead at the fore end? *Yes*  
 Give particulars of the means for closing the openings in Bulkhead *Hinged doors*  
 Is the Poop or ~~Raised Quarter Deck~~ connected with the Bridge House? *No* Has the Bridge House an efficient Bulkhead at the fore end? *Yes*  
 Give particulars of the means for closing the openings in Bulkhead *no openings*  
 What is the thickness of the Bridge Front plating? *.34* and Coaming plate? *.44*  
 Give scantlings and spacing of the Stiffeners *7 x 3 x .54 built angles .30" apart*  
 Are bracket plates fitted at each end of the Stiffeners? *Yes* Are hor'l. brackets fitted connecting Bridge Bulk'd. with Bulwarks? *Yes*  
 Has the Bridge House an efficient Iron Bulkhead at the after end? *Yes*  
 How are the openings closed? *portable plates secured by hook bolts with shifting beams full height in scutt channels to openings at ends of passage*  
 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? *covered by bridge*  
 If the openings are not so protected are the exposed parts of the Casings efficiently constructed? *Yes*  
 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? *Yes*  
 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, see below*

Position and Size.		N. 1. 28 x 25 x 21		N. 2. 26 x 25		N. 3. 28 x 25		N. 4. 26 x 25 x 21	
Item.		Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
COAMING.	Height above top of DECK	30							
	Thickness { Sides	.44							
	Ends	.44							
SHIFTING BEAMS OR WEB PLATES.	Number	5							
	Section and Scantlings	7 1/2 x 15 x 4 1/2		Same as N. 1		Same as N. 1		Same as N. 1	
	Material	5 1/2 x 3 1/2 x 1/2 Steel							
* FORE AND AFTERS.	Number								
	Section and Scantlings			No fore and afters					
	Material								
HATCHES Thickness		2 1/2 pme							
Remarks									

\* 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 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.



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 *Sister vessel to same builders N. 604. (See spec N. 43720)*  
 Builder's name and yard number *Request form N. 9 enclosed Barclay Curle & Co. N. 605*  
 Names of sister vessels *S. S. "Forrest Gate"*  
 Owners *Mann Macneal & Co. Ltd.*  
 Address *Glasgow*

Fee £ 5 : 0 : 0 Received by me *See F.C. Report*