

Ext. ^{don} 11/7/32

N^o 12763
Index No. 30076
(For London Office only.)

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.—STEAM SHIPS.

MON. JUL. 18 1921

PARTICULARS 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 Aberdeen.
Date of Survey while building.
Name of Surveyor J. Richardson.

B.T. COPY WRITTEN.

Ship's Name ORIOLE. JOHN LEWIS & SONS L ^{td} N ^o 72. Number in Register Book	Port of Registry and Nationality. <u>London.</u> <u>British.</u>	Official Number. <u>146067</u>	Gross Tonnage. <u>488.43</u>	Date of Build. <u>1921.</u>	Particulars of Classification. <u>100. A.1. (CONTEMPLATED.)</u>
--	--	-----------------------------------	---------------------------------	--------------------------------	--

Registered dimensions from Ship's Register.	LENGTH. <u>160.2.</u>	BREADTH. <u>25.2.</u>	DEPTH. <u>9.7.</u>	UNDER DECK TONNAGE. <u>316.14.</u>
Length on LOADLINE.	<u>160.25.</u>	Frame Depth Rule <u>42</u> <u>3</u> <u>1 1/2</u> <u>= - .25.</u>	Ceiling Sheer + <u>.91</u>	TO TANK 9.75 <u>316.14.</u>
CORRECTED DIMENSIONS.	<u>160.25.</u>	<u>24.95.</u>	<u>10.86.</u>	<u>316.14.</u>

Moulded Depth as measured..... 11.9"
Addition for Keel below base line for draught record..... 1 1/4" inches.

NOTE.— If the depth is measured when vessel is afloat, the details of measurement should be reported.

Co-efficient of fineness..... 74
Any modification necessary [Para. 4 (a) to (e)]* } cellular Double Bottom = -02.
Co-efficient as corrected 72

CORRECTION FOR LENGTH.

Length of Ship on Loadline.....	<u>160.25.</u>
Length in Table	<u>141.00</u>
Difference	<u>19.25.</u>
Correction for 10ft., Table A.	<u>.9</u> Table C.
× Difference divided by 10	<u>1.73</u> (if required.)
If 1/10ths length covered divide by 2	<u>.86</u> = <u>+ 3/4"</u>

Sheer { Stem..... 69" }
at { Sternpost ... 45" } 114 ÷ 2 = 57 ... Mean 36 33.09
.91

Sheer at 1/2 of the length from { Stem 41" }
{ Sternpost 24" } 65 ÷ 2 = 32.5 ... Mean 32.5
59.09

Gradual mean Sheer allowed..... 58.04
Standard mean Sheer [Table, Para. 18] 26.08 Correction
Difference..... 32.06 4 = 8.01

§ If limited as Para. 18 (f) = - 8"

CORRECTION FOR IRON DECK.

Proportion covered, if less than 1/10ths length covered778
Thickness of usual wood deck, less stringer 3"
- 3" = 2 1/4"

Rise in Sheer { At front of bridge house..... 7 1/2"
from amidships }
[Para. 18 (e)] { At after end of forecastle 36"

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

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships..... 25' 0"
Round of Beam..... 6 1/2"
Normal round..... 6 1/4"
Difference 1/4" ÷ 2 = 1/8"
Proportion of Deck uncovered (Para. 19) 222 of 1/8" = nil.

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

ALLOWANCE FOR DECK ERRORTIONS :—

Freeboard, Table C.....	<u>3 1/4</u>
Correction for Length, if required (Para. 12, 13, and 14)	<u>✓</u>
Freeboard by Table A, corrected for sheer, and for length, if required (Para. 12, 13, and 14) }	<u>1.0</u>
Difference	<u>9 1/4"</u>
Percentage as below.....	<u>66.7%</u>
Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) }	<u>+ 25.6</u>
Allowance for Deck Erections	<u>5.99</u>
	<u>3"</u>
	<u>54"</u>

Freeboard, Table A	<u>1.8</u>
Correction for Sheer	<u>8</u>
Correction for Length	<u>1.0</u>
Allowance for Deck Erections	<u>5 3/4</u>
Correction for Round of Beam.....	<u>✓</u>
Correction for fall in Sheer (if any).....	<u>3</u>
Correction for Iron Deck (if required)	<u>2 1/4</u>
Additions for non-compliance with provisions of } Para. 11 (d) and (e) † } Other Corrections (if any) <u>Height of R. Q. Deck.</u> } <u>3.6</u>	<u>4 3/4</u>
Winter Freeboard	<u>3.10</u>
Summer Freeboard	<u>3.8</u>
Indian Summer Freeboard	<u>✓</u>
N. A. Winter Freeboard	<u>✓</u>

	Length.	Length allowed.	Height.
Forecastle.....	<u>23.8</u>	<u>22.08</u>	<u>7.0</u>
Bridge House	<u>10.10 1/2</u>	<u>10.87</u>	<u>7.0</u>
† Raised Qr. Dk.....	<u>91.9 1/4</u>	<u>91.77</u>	<u>3.6</u>
Poop.....	✓	✓	✓
Total	<u>124.72</u>	<u>124.72</u>	<u>✓</u>
Length of Ship	<u>160.25</u>	<u>160.25</u>	<u>✓</u>
Corresponding percentage (Para. 11, 12, 13, or 14) }	<u>66.70%</u>		

Correction necessary because clearside amidships, measured in accordance with the Statute is not taken at the intersection of the wood or iron deck with side.

Winter Freeboard from deck line

Summer " " " "

Indian Summer " " " "

N. A. Winter " " " "

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

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

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 abatt 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 sternpost. In vessels having poops and forecastles, it means the sheer measured at points distant 1/10th of the vessel's length from stem and sternpost.



© 2020 Lloyd's Register Foundation

001549 001551 - 0101

Do all the Frames extend to the top height in the Poop? Raised Quarter Deck? *Yes* Bridge House? *Yes* Forecastle? *Yes*
 To what height do the Reverse Frames extend? *none (heavy framing)*
 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 *no openings*
 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 *no openings*
 What is the thickness of the Bridge Front plating? *26"* and Coaming plate? *28"*
 Give scantlings and spacing of the Stiffeners *6" x 3" x 32" B.A. spaced 30"*
 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? *no openings*
 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? *No*
 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 *26" coamings 30" Stiffeners 3" x 2 1/2" x 26" spaced 30"*
 What is the height of the exposed Casings? *7'0"* 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*

Position and Size.		No 1 = 27'3" x 15'11 1/2"		No 2 = 28'9" x 15'11 1/2"							
Item.		Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
COAMING.	Height above top of DECK	3'6"	2'6"	3'0"	2'0"						
	Thickness	Sides	.44"	.44"	.44"	.44"					
		Ends	.44"	.44"	.44"	.44"					
SHIFTING BEAMS OR WEE PLATES.	Number	5.	5.	5.	5.						
	Section and Scantlings	11" 1 1/2" x 10" x 32"	-do-	-do-	-do-						
	Material	Steel.									
* FORE AND AFTERS.	Number										
	Section and Scantlings										
	Material										
HATCHES	Thickness	2 1/2" W.W.		2 1/2" W.W.							
	Remarks	<i>solid.</i>		<i>solid.</i>							

* 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? *24"* Strake between Main and Bridge Sheerstrakes? *40"*

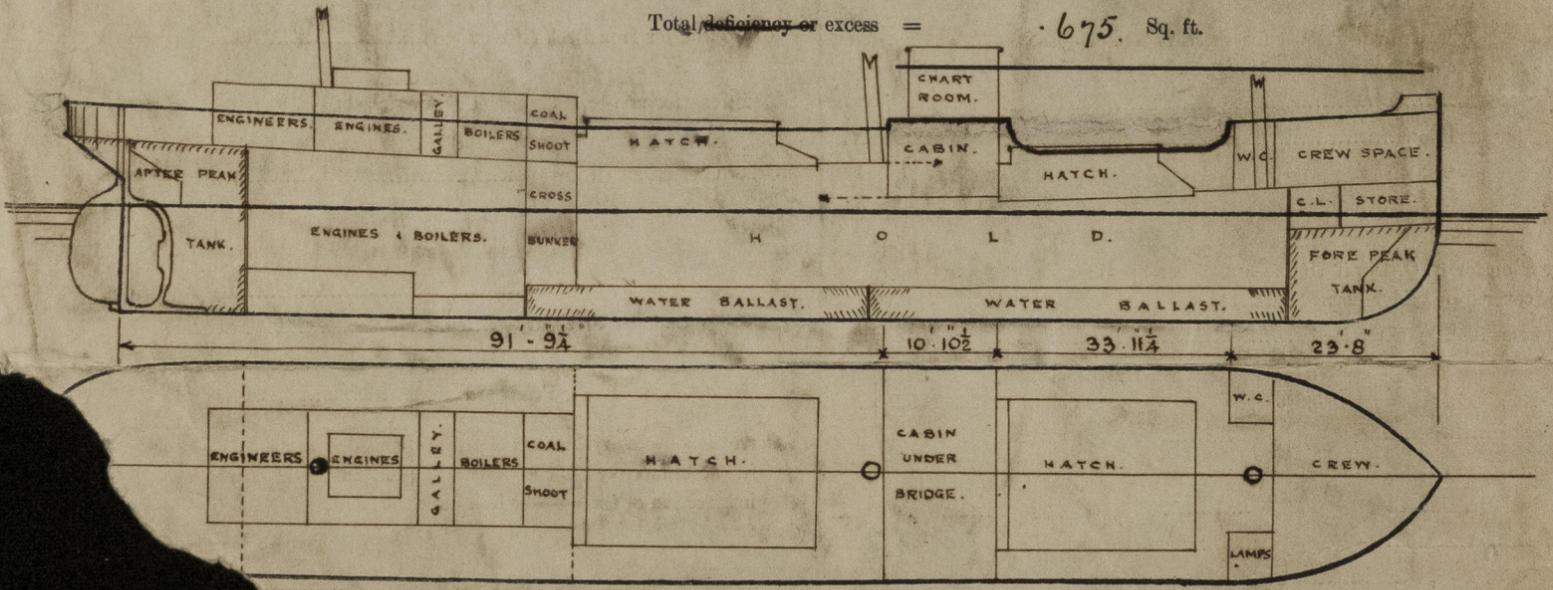
Delete the words *The Crew are, are not,* berthed in the bridge house.
 that do not apply *The arrangements to enable them to get backwards and forwards from their quarters are, are not* satisfactory.

Length of Bulwarks in well *38' 11 1/2"*

Area of Freeing Ports required by Para. 11 (e) each side of vessel = *9.9* Sq. ft.

Ft. Tenths. Ft. Tenths. No. } Freeing Ports (each side of vessel) = *10.575* Sq. ft.
 2 . 5 . x 1 . 41 . x 3 . FOR² }

Total deficiency or excess = *.675* Sq. ft.



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

Construction of the Vessel

Section and Profile, are forwarded herewith for reference.

Navigation Co.
 London.

