

# Lloyd's Register of British & Foreign Shipping. 21835

SURVEYS FOR FREEBOARD.—STEAM SHIPS. WED. SER 6—1911

18/8/32

60986

PARTICULARS RELATING TO A STEAM SHIP ~~REGISTERED IN THE~~  
~~REGISTRY OF GREAT BRITAIN~~ ~~SHORT POOPS AND BRIDGE HOUSES~~  
WITH TOP GALLANT FORECASTLES HAVING ~~RAISED QUARTER DECKS~~  
CONNECTED WITH BRIDGE HOUSES, ~~OR OTHERWISE~~.

Port of Survey *Newcastle-on-Tyne*  
Date of Survey *Aug 28<sup>th</sup> 1911* *Hotel building*  
Name of Surveyor *Thos Shaw*

Ship's Name. <b>"OVERTON"</b> ELTRINGHAM'S YARD NO 283 Number in Register Book	Port of Registry and Nationality. <i>Liverpool</i> U.K.	Official Number. <i>131393</i>	Gross Tonnage. <i>426</i>	Date of Build. <i>1911</i>	Particulars of Classification. <i>contemplated. 100A1.</i>
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Registered dimensions from Ship's Register.	LENGTH. <i>143.5</i>	BREADTH. <i>24.45</i>	DEPTH. <i>10.55</i>	UNDER DECK TONNAGE. <i>285.82</i>
Length on LOADLINE.	<i>142.8</i>	Frame Depth 5 Rule " 3 <i>2.2 = .33</i> <i>Spaz ceiling fitted</i>	Ceiling <i>fitted</i> Sheer <i>+ .33</i> <i>Depth to floors = 10.73</i>	Peak Tanks <i>included</i>
CORRECTED DIMENSIONS.	<i>142.8</i>	<i>24.12</i>	<i>11.06</i> <del>10.88</del>	<i>285.82</i>

Moulded Depth as measured..... *11'-9"*  
 $\frac{12 - 2\frac{3}{4}}{1 - 6} = 10 + 8\frac{3}{4}$

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

Co-efficient of fineness..... *.7675*  
 Any modification necessary [Para. 4 (a) to (e)]\* } *ordinary floors*  
 Co-efficient as corrected ..... *.76*

CORRECTION FOR LENGTH.

Length of Ship on Loadline.....	<i>142.8</i>
Length in Table .....	<i>141.0</i>
Difference .....	<i>1.8</i>
Correction for 10ft., Table A. ....	<i>.9</i> Table C.
× Difference divided by 10 .....	<i>.162</i> (if required.)
If $\frac{1}{10}$ ths length covered divide by 2	<i>nil</i>

Sheer { Stem..... *44"* }  $\frac{33}{2} = 36.5$  ...Mean  
 at { Sternpost ... *29"* }  
 Sheer at  $\frac{1}{2}$  of the length from { Stem *24\frac{1}{2}"* }  $\frac{39\frac{1}{2}}{2} = 19.875$ ...Mean  
 { Sternpost *15\frac{1}{4}"* }  
 Gradual mean Sheer ..... *36.13*  
 Standard mean Sheer [Table, Para. 18] ..... *24.28* Correction  
 Difference.....  $\frac{11.85}{4} = -3$ "  
 § If limited as Para. 18 (f).....  
*-2.96*

CORRECTION FOR IRON DECK.  
 Proportion covered, if less than  $\frac{1}{10}$ ths length covered .... *.7895*  
 Thickness of usual wood deck, less stringer ..... *2\frac{1}{2}"*  
 $3 - .36 = 2.64$  *-2\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) }  $\div 2 =$  ✓  
 Length uncovered ..... Correction

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships.....	<i>24-0</i>
Round of Beam .....	<i>5\frac{3}{4}</i>
Normal round.....	<i>6</i>
Difference .....	$\frac{4}{2} = 2$ <i>8</i>
Proportion of Deck uncovered (Para. 19) .....	<i>.20</i>

*nil*

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>3.50</i>	<i>3\frac{1}{2}"</i>
Correction for Length, if required (Para. 12, 13, and 14) .....	<i>1.579</i>	
Freeboard by Table A, corrected for sheer, and for length, if required (Para. 12, 13, and 14) .....	<i>1.85\frac{3}{4}</i>	
Difference .....	<i>1.229</i>	<i>1-2\frac{1}{4}"</i>
Percentage as below.....	$\frac{9.18}{9.61}$	<i>68.5%</i>
Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) .....		<i>4"</i>
Allowance for Deck Erections .....		<i>-9\frac{1}{2}"</i>

Length.	Length allowed.	Height.
Forecastle..... <i>25'0" including 4'-6" overhang</i>	<i>22.75'</i>	<i>4'-0"</i>
Bridge House .....	<i>9.0'</i>	<i>4-0</i>
† Raised Qr. Dk.....	<i>81-0</i>	<i>3-6</i>
Poop.....		
Total .....	$\frac{112.75}{142.8} = .79$	<i>.7895</i>
Length of Ship .....	<i>142.8</i>	
Corresponding percentage (Para. 11, 12, 13, or 14) .....	<i>68.5%</i>	<i>.43</i>

Freeboard, Table A .....	<i>1.878</i>	<i>1-8\frac{3}{4}"</i>
Correction for Sheer .....	<i>2.96</i>	<i>-3</i>
Correction for Length .....	<i>1.579</i>	<i>1-8\frac{5}{4}"</i>
Allowance for Deck Erections .....	<i>.58</i>	
Correction for Round of Beam.....	$\frac{1.587}{8.26}$	<i>-9\frac{1}{2}"</i>
Correction for fall in Sheer (if any).....	<i>.02</i>	<i>-8\frac{1}{4}"</i>
Correction for Iron Deck (if required).....	$\frac{2.64}{5.64}$	<i>-2\frac{1}{2}"</i>
Additions for non-compliance with provisions of Para. 11 (d) and (e) † .....		<i>6\frac{5}{4}"</i>
Other Corrections (if any) .....		
Winter Freeboard .....		<i>8\frac{5}{4}"</i>
Summer Freeboard .....		<i>7\frac{1}{2} 3\frac{3}{4}"</i>
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 <del>wood</del> iron deck with side. ....		<i>+1"</i>
Winter Freeboard from deck line .....		<i>7 6\frac{3}{4}"</i>
Summer " " " .....		<i>5\frac{1}{2} 4\frac{3}{4}"</i>
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	" " "	.....

Amended Tables March 1906.  
 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 the time of survey, and also the usual load draft forward and aft should be reported.

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6.9.11

If 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.

Corresponding to 3.102 from statutory deck line above iron deck at quarter deck at side.

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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? *deep framing*  
 Has the ~~Poop~~ 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 *opening to cabin closed by lock door*  
 What is the thickness of the Bridge Front plating? *.24* and Coaming plate? *.3*  
 Give scantlings and spacing of the Stiffeners *5" x 3" x 4" bulb 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? *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? *by a raised quarter deck*  
 If the openings are not so protected are the exposed parts of the Casings efficiently constructed? *ROOF*  
 Give thickness of plating; scantlings and spacing of Stiffeners  
 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.	Fn <sup>2</sup> 25'-3" x 12'-0"		aft 24'-3" x 12'-0"		Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
	Ship.	Rule.	Ship.	Rule.						
COAMING	Height above top of DECK	3'-0"	2-6	2-6	2-0					
	Thickness	Sides	.44"	↑	.44	↑				
		Ends	.40	↑	.40	↑				
SHIFTING BEAMS OR WEB PLATES.	Number	two		two steel						
	Section and Scantlings	18" T steel plate .4 angles 3x3x4	do.	18" T steel plate .4 angles 3x3x4	do.					
	Material									
* FORE AND AFTERS.	Number	three		three						
	Section and Scantlings	centre 7x7 sides 6x5		centre 7x7 sides 6x5						
	Material	Pitch pine		pitch pine						
HATCHES	Thickness	2 1/2" wood		2 1/2" wood						
Remarks		good		good						

\* When the Fore and Afters are of wood the depth should be stated from the underside of the hatches.

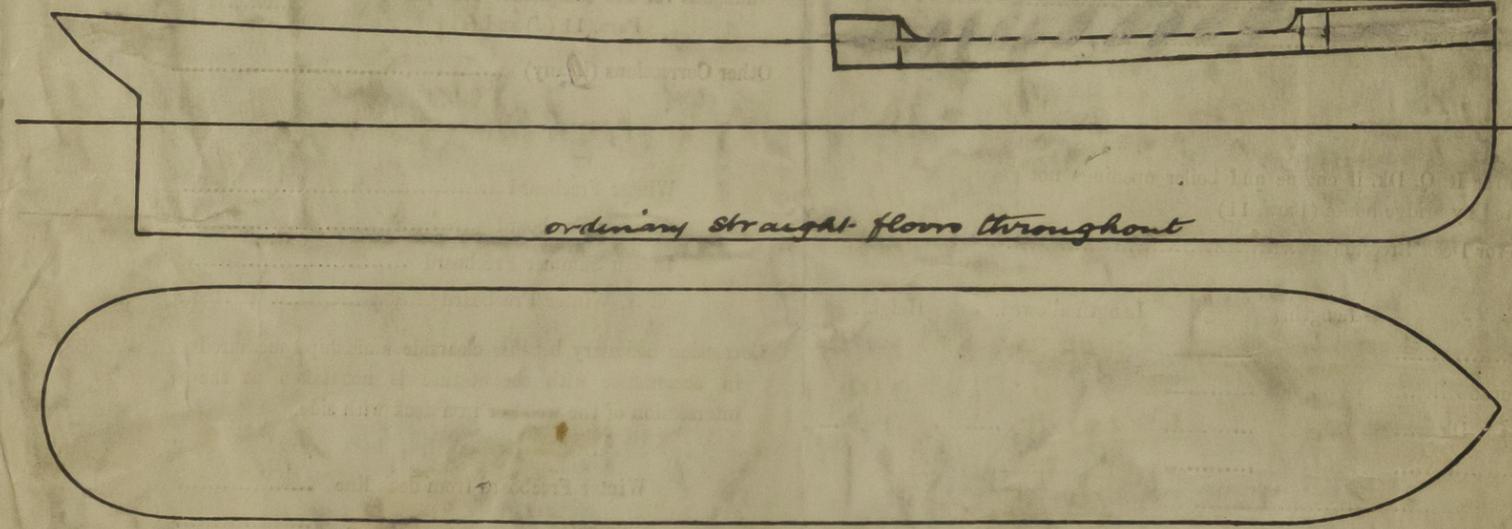
(If the sill of the lowest side scuttle will be less than 6 inches above the Indian Summer Load Line if assigned under the tables, state vertical distance from top of deck at side amidships to lower edge of lowest side scuttle.)

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? *.24*

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. } *gangway not required*

Length of Bulwarks in well *27'-9"*  
 Area of Freeing Ports required by Para. 11 (e) each side of vessel = *9.275* Sq. ft.  
 Ft. Tenths. Ft. Tenths. No. }  
*2.25* x *1.5* x *3* } Freeing Ports (each side of vessel) = *10.125* Sq. ft.  
 Total deficiency or excess = *.85* 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 *Request form and approved plans of midship plates*

*and profile are forwarded for reference*

Owners

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