

1b.

Preliminary

Mdb. Rpt. No 8935

24258

Lloyd's Register of British & Foreign Shipping.

SURVEYS FOR FREEBOARD.—STEAM SHIPS.

FEB. 17-1915

REGULARS RELATING TO ALL STEAM SHIPS EITHER FLUSH DECKED, OR WITH
GALLANT FORECASTLES, SHORT POOPS AND BRIDGE HOUSES DISCONNECTED, OR
GALLANT FORECASTLES HAVING LONG POOPS, OR RAISED QUARTER DECKS
CONNECTED WITH BRIDGE HOUSES, OR OTHERWISE.

Port of Survey *Middlesbrough*
Date of Survey *6.5.15*
Name of Surveyor *J. Baker*

Ship's Name. *Rich "Duck" No 651*
Port of Registry and Nationality. *✓*
Official Number. *✓*
Gross Tonnage. *✓*
Date of Build. *✓*
Particulars of Classification. *1100 at Shuter & Co (Contemplated)*

LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
<i>400.0</i>	<i>51.5</i>	<i>25.0</i>	<i>4317</i>
<i>399.5</i>	Frame Depth 11 Rule " <i>56</i> <i>245</i> <i>52</i> <i>2</i> <i>92</i>	Ceiling <i>4.20</i> Sheer <i>1.13</i> <i>2</i> <i>2nd Tank</i>	Peak } <i>in</i> Tanks } <i>about</i>
<i>399.5</i>	<i>50.67</i> <i>50.58</i>	<i>26.38</i>	<i>4317</i>

Moulded Depth as measured... *27'-6"*
28-7
3-15
25-09

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

cient of fineness..... *.81*
modification necessary } *.02* *all 1113*
ra. 4 (a) to (e)]* }
cient as corrected *.78979*

CORRECTION FOR LENGTH.

Length of Ship on Loadline..... *399.5*
Length in Table *330.0*
Difference *69.5*
Correction for 10ft., Table A. *1.4* Table C.
× Difference divided by 10 *9.73* (if required.)
If $\frac{1}{10}$ ths length covered divide by 2 *4.86* *+ 4 3/4*

(Stem..... *120.0*) *180.0 ÷ 2 = 90* ...Mean *90.9*
(Sternpost... *60.0*) *36* *40.95*
1.13

at $\frac{1}{2}$ of the length from { Stem *66.5* } *100 ÷ 2 = 50* ...Mean
{ Sternpost *33.5* } *55 = 90.9*

al mean Sheer *90.45*
ard mean Sheer [Table, Para. 18] *49.95* Correction
Difference..... *40.50 ÷ 4 = 10.12*
mitted as Para. 18 (f)..... *-10*

CORRECTION FOR IRON DECK.

Proportion covered, if less than $\frac{1}{10}$ ths length covered
Thickness of usual wood deck, less stringer *-3 1/2*

in Sheer { At front of bridge house.....
amidships {
a. 18 (e)] { At after end of forecastle

l in Sheer { *nil* ÷ 2 =
a. 18 (d) }
h uncovered Correction

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships..... *50'-6"*
Round of Beam *1-1*
Normal round..... *1-0 5/8*
Difference *3/8 ÷ 2 = 3/16*
Proportion of Deck uncovered (Para. 19)

ALLOWANCE FOR DECK ERECTIONS :—

board, Table C..... *3-6 1/4*
tion for Length, if required (Para. 12, 13, and 14)

board by Table A. corrected for sheer, and for length, } *5-8 1/2*
if required (Para. 12, 13, and 14) }
ence *2-3 1/4*
tage as below..... *94.46*
25.74

tion for R. Q. Dk. if engine and boiler openings not }
covered by bridge house (Para. 11) }
ance for Deck Erections *2-13/4*

Freeboard, Table A *6'-7 1/2*
Correction for Sheer *-10*
5-9 1/2
+ 4 3/4
Correction for Length *6-2 1/4*
Allowance for Deck Erections *2-1 3/4*
4-0 1/2
Correction for Round of Beam.....
Correction for fall in Sheer (if any).....
Correction for Iron Deck (if required) *-3 1/2*
3-9
Additions for non-compliance with provisions of }
Para. 11 (d) and (e) ‡ }
Other Corrections (if any)

Winter Freeboard *3'-9"*
Summer Freeboard *3-3 1/2*
Indian Summer Freeboard *2-10*
N. A. Winter Freeboard

Length.	Length allowed.	Height.
astle..... <i>362'-3"</i>	<i>362.25</i>	<i>7-11 1/2</i>
House..... <i>4-3 1/2</i>	<i>2.125</i>	
ing..... <i>33.0</i>	<i>33.00</i>	
ed Q. Dk.....	<i>397.375</i>	
Total	<i>399.5</i>	<i>99.46</i>
h of Ship		
ponding percentage } ra. 11, 12, 13, or 14) }	<i>94.46</i>	

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 *3-10 3/4*
Summer " " " " *3-5 1/4*
Indian Summer " " " " *2-11 3/4*
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 " " " " ...

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.

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

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Do all the Frames extend to the top height in the Poop? Raised Quarter Deck? Bridge House? Forecastle?

To what height do the Reverse Frames extend?

Has the Poop or Raised Quarter Deck an efficient Iron Bulkhead at the fore end?

Give particulars of the means for closing the openings in Bulkhead

Is the Poop or Raised Quarter Deck connected with the Bridge House?

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?

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?

Has the Forecastle an efficient Iron or Wood Bulk'd. at after end?

Are the Engine and Boiler openings covered by a Bridge, Poop, Raised Quarter Deck, or enclosed by a Strong Iron or Steel Deckhouse?

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:

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

* 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?

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.

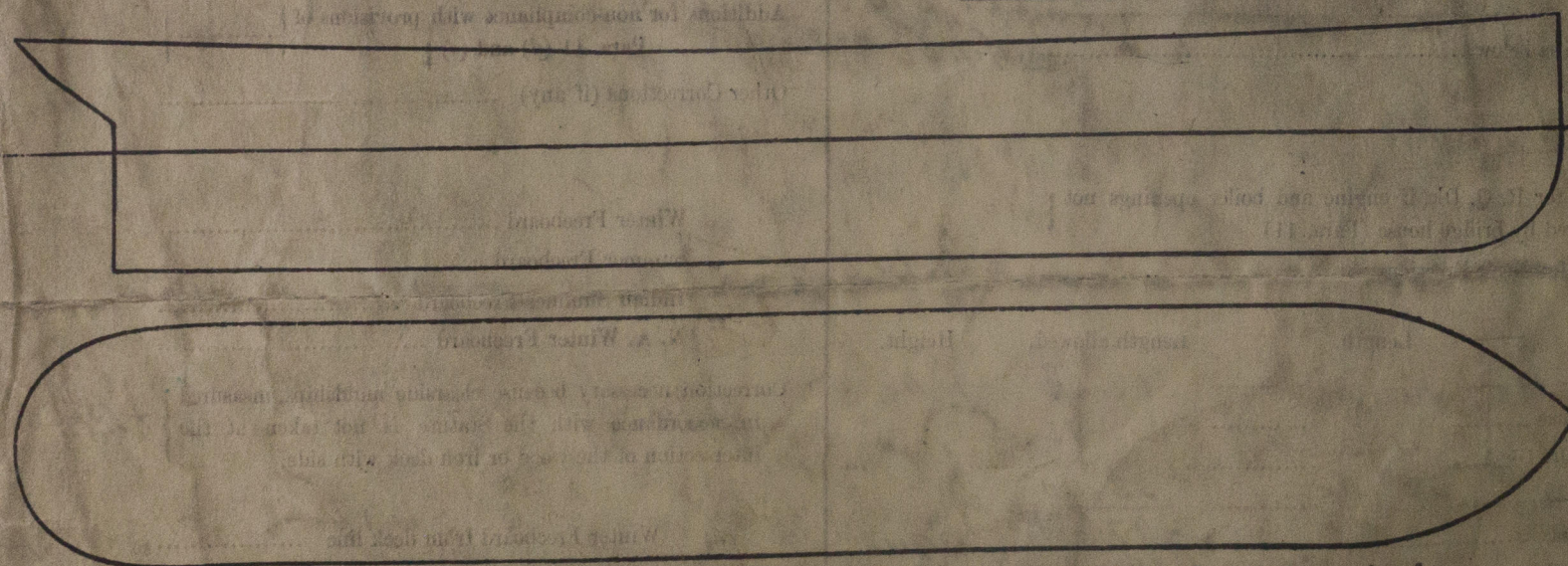
x x
x x

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

Atkins, B.M. in Hold & engine room. as per plans (2) forwarded

herein

Owners Builders

Address

Messrs Richardson Black & Co Ltd

Fee £

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