

TUE MAR 17 1913 No. 7809.

2215 gal
EXT 21/7/33
Verification

Lloyd's Register of British & Foreign Shipping.

SURVEYS FOR FREEBOARD.-STEAM SHIPS. 22884

PARTICULARS RELATING TO 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 *Middlesbrough*
Date of Survey *White Hartline*
Name of Surveyor *J.P. Baker*

NEOLSFIELD *PUTNEY - ON 132880.*

Ship's Name.	Port of Registry and Nationality.	Official Number.	Gross Tonnage.	Date of Build.	Particulars of Classification.
<i>Barbican</i>	<i>Cardiff British</i>	<i>132880</i>	<i>479.3</i>	<i>1913</i>	<i>100 a1 contemplated</i>
Number in Register Book	<i>47 mtdp</i>				

Registered dimensions from ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	<i>380.2</i>	<i>50.9</i>	<i>28.0</i>	<i>4565.56</i>
Length on LOADLINE.	<i>379.5</i>	Frame Depth Rule	<i>28.0</i>	Peak Tanks above
	<i>379.5</i>	<i>49.9</i>	<i>29.2</i>	<i>4565.56</i>

Moulded Depth as measured..... *30' 4"*

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

of fineness..... *.82*
Location necessary (a) to (e)* *-.02*
as corrected..... *.80*

CORRECTION FOR LENGTH.

Length of Ship on Loadline.....	<i>379.5</i>
Length in Table	<i>364.0</i>
Difference	<i>15.5</i>
Correction for 10ft., Table A.	<i>1.5</i>
× Difference divided by 10	<i>2.325</i> (if required.)
If $\frac{1}{10}$ ths length covered divide by 2	<i>+2.14</i>

Mean Sheer *91.47*
Mean Sheer [Table, Para. 18] *47.95*
Difference..... *43.52*
Correction *10.88*

CORRECTION FOR IRON DECK.

Proportion covered, if less than $\frac{1}{10}$ ths length covered	<i>46.59</i>
Thickness of usual wood deck, less stringer	<i>3.52</i>
	<i>46.55</i>
	<i>-1.64</i>

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

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships.....	<i>49.7</i>
Round of Beam	<i>1.18</i>
Normal round.....	<i>1.038</i>
Difference	<i>.142</i>
Proportion of Deck uncovered (Para. 19)	<i>120</i>
	<i>-1.4</i>

ALLOWANCE FOR DECK ERECTIONS:—

Table C.....	<i>4-7.16</i>
or Length, if required (Para. 12, 13, and 14)	<i>1.34</i>
	<i>4-8.40</i>
Table A. corrected for sheer, and for length, if required (Para. 12, 13, and 14)	<i>7-1.60</i>
	<i>2-5.20</i>
below.....	<i>8.65</i>
	<i>29.67</i>
	<i>29.67%</i>
	<i>8.58</i>

Freeboard, Table A	<i>7-10.16</i>	<i>7-10.16</i>
Correction for Sheer	<i>10.88</i>	<i>-10.88</i>
	<i>6-11.25</i>	<i>6-11.4</i>
Correction for Length	<i>2.32</i>	<i>+2.14</i>
	<i>7-1.60</i>	<i>7-1.60</i>
Allowance for Deck Erections	<i>8.65</i>	<i>-8.65</i>
	<i>6-4.95</i>	<i>6-4.95</i>
Correction for Round of Beam.....	<i>2.0</i>	<i>-1.4</i>
	<i>6-4.75</i>	<i>6-4.75</i>
Correction for fall in Sheer (if any).....		
Correction for Iron Deck (if required)	<i>1.64</i>	<i>-1.64</i>
	<i>6-3.11</i>	<i>6-3.11</i>
Additions for non-compliance with provisions of Para. 11 (d) and (e) †		
Other Corrections (if any)		

Length.	Length allowed.	Height.
<i>31-0</i>	<i>32.14</i>	<i>7-6</i>
<i>110-6</i>	<i>110.81</i>	
<i>33-9</i>	<i>33.87</i>	
	<i>176.82</i>	<i>46.59</i>
Ship	<i>379.5</i>	

Winter Freeboard	<i>6-3</i>
Summer Freeboard	<i>5-9 1/2</i>
Indian Summer Freeboard	<i>5-4</i>
N. A. Winter Freeboard	
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.	<i>+1 1/4</i>
Winter Freeboard from deck line	<i>6-4 3/4</i>
Summer " " " "	<i>5-11 1/4</i>
Indian Summer " " " "	<i>5-3 1/4</i>
N. A. Winter " " " "	<i>water allowance</i>

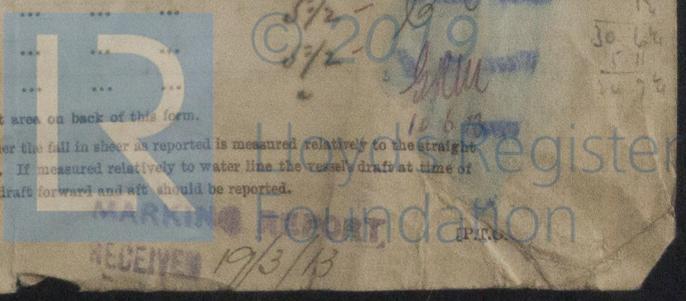
BOARD recommended amidships from centre of Disc to top of Statutory Deck Line, Wood (Iron) Deck:—

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

Amended Tables
March, 1906.

If the frames, skin planking, or ceiling are of unusual thickness the breadth of vessel to inside of ceiling should be reported if possible.

State dimensions of freeing port area on back of this form.



W497-0157

RECEIVED 8 AUG 1913
RECEIVED 19/3/13

Do all the Frames extend to the top height in the Poop? Yes Raised Quarter Deck? Yes Bridge House Yes Forecastle? Yes
 To what height do the Reverse Frames extend? Right angle 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 Storm boards, full height, in permanent channels
 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 Two H.J. Winged Doors
 What is the thickness of the Bridge Front plating? .4 and Coaming plate? .44
 Give scantlings and spacing of the Stiffeners 8 x 3 1/2 x .64 B A C 30 spacing
 Are bracket plates fitted at each end of the Stiffeners? Yes Are hor'l. brackets fitted connecting Bridge Bulk'd. with Bulwarks? Yes, Rail run up
 Has the Bridge House an efficient Iron Bulkhead at the after end? Yes
 How are the openings closed? Storm boards, full height, in permanent channels
 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? Yes
 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 Yes
 What is the height of the exposed Casings? Yes 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:— No approval

Position and Size.	Wt. 10'-7 1/2" x 20'		Wt. 20'-0" x 20'		Wt. 45'-0" x 20'		Wt. 12'-9" x 20'		Wt. 19'-11" x 18'			
	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.		
COAMING.	Height above top of DECK	48"	As	36"	As	39"	As	39"	As	30"	As	
	Thickness	Sides	.4	As per	.5	As per	.5	As per	.44	As per	.48	As per
		Ends	.36		.4		.4		.36		.4	As per
SHIFTING BEAMS OR WEB PLATES.	Number	Two		Four		Four		Two		Three		
	Section and Scantlings	20/16 x .4		As per		As per		20/16 x .4		20/16 x .4		
	Material	Steel						Steel		Steel		
* FORE AND AFTERS.	Number	Nil		Nil		Nil		Nil		Nil		
	Section and Scantlings											
	Material											
HATCHES Thickness	3"		3"		3"		3"		3"			
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? _____

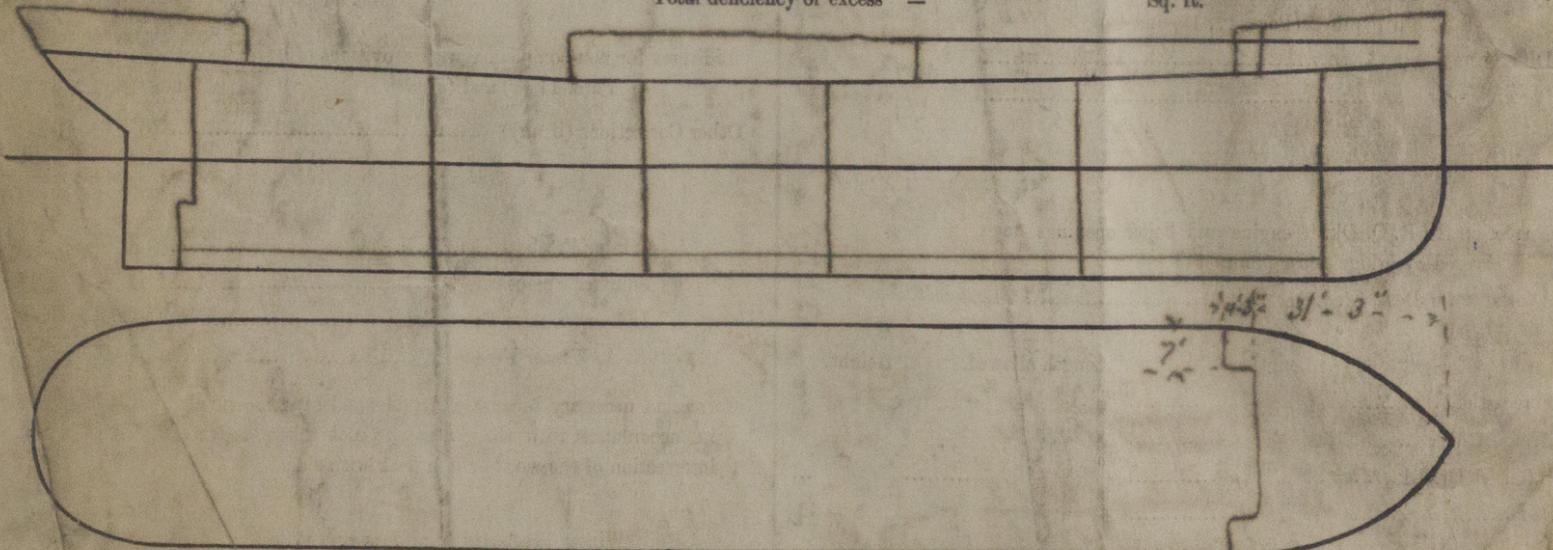
Delete the words { The Crew are, are not, berthed in the bridge house. }
 that do not apply { The arrangements to enable them to get backwards and forwards from their quarters are, are not satisfactory. }

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.	} Freeing Ports (each side of vessel)	=	_____	Sq. ft.
x		x						
x		x						

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. Steel screw steamer, Right angle framing

Aluminum B.P., as per plans (2) herewith. Super vessel to the S of Nantuxen
Mdb. foreboard report No 7223.

Owners Builden, Messrs. Rich & Co Ltd

Address Stockton-on-Tees

Fee £ _____

Received by me _____



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