

Lloyd's Register of British & Foreign Shipping.

SURVEYS FOR FREEBOARD-STEAM SHIPS.

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 *Middlesbrough*
Date of Survey *White Building*
Name of Surveyor *J. J. Baker*

Ship's Name *Antares* Port of Registry *Cardiff* Official Number *136736*
Gross Tonnage *4776* Date of Build *1914* Particulars of Classification *+100 a1. (contemplated)*

LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
<i>380.2</i>	<i>50.9</i>	<i>28.0</i>	<i>4558.08</i>
<i>379.5</i>	Frame Depth <i>12</i> Rule <i>6</i>	Ceiling <i>Fitted</i> Sheer <i>+1.21</i>	Peak <i>2</i> Tanks <i>above</i>
<i>379.5</i>	<i>49.9</i>	<i>29.21</i>	<i>4558.08</i>

nt of fineness..... *.82*
ification necessary } *.02* *all 173m*
4 (a) to (e)]* }
nt as corrected *.80*

Stem *121.625* Sternpost *68.375* $187 \div 2 = 93.5$ Mean
of the length from Stem *68.625* Sternpost *35.5* $100.625 \div 2 = 50.31$ Mean
mean Sheer *91.47* $\div 55 = 91.47$
mean Sheer [Table, Para. 18] *47.95* Correction
Difference..... *43.52* $\div 4 = 10.88$
ted as Para. 18 (f)..... *11-10 7/8*

Sheer { At front of bridge house.....
idships { At after end of forecastle

Sheer { *nil* $\div 2 =$
8 (d) }
covered Correction

ALLOWANCE FOR DECK ERECTIONS :—
Table C..... *4' - 7 1/2*
for Length, if required (Para. 12, 13, and 14) *+ 1 1/4*
4 - 8 3/4
by Table A. corrected for sheer, and for length, } *2 - 1 1/2*
if required (Para. 12, 13, and 14) } *2 - 5 1/2*
..... *.61*
e as below..... *29.59*

for R. Q. Dk. if engine and boiler openings not }
red by bridge house (Para. 11) }
for Deck Erections *- 8 1/2*

Length.	Length allowed.	Height.
<i>31'-0"</i>	<i>32.14'</i>	<i>7'-6"</i>
<i>110-6</i>	<i>110.81</i>	..
Gr. Dk.....	<i>33.9</i>	<i>33.87</i>
total	<i>176.82</i>	<i>.4659</i>
f Ship	<i>379.5</i>	
ding percentage { <i>.61</i> 12, 12, 12, or 14) } <i>29.59</i>		

BOARD recommended amidships from centre of Disc to top of Statutory Deck Line, Wood (Iron) Deck :—
Fresh Water Line above centre of Disc *5.14*
Indian Summer Line " " " *Amended Table*
Winter Line below " " *March 1906.*
Winter North Atlantic Line " " "

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

CORRECTION FOR LENGTH.
Length of Ship on Loadline..... *379.5*
Length in Table *364.0*
Difference *15.5*
Correction for 10ft., Table A. *1.5* Table C. *.8*
 \times Difference divided by 10 *2.325* (if required.) *1.24*
If $\frac{8}{10}$ ths length covered divide by 2 *+2 1/4* *+1 1/4*

CORRECTION FOR IRON DECK.
Proportion covered, if less than $\frac{7}{10}$ ths length covered *.4659*
Thickness of usual wood deck, less stringer *2 1/2* *- XX 1 3/4*

CORRECTION FOR ROUND OF BEAM.
Breadth at Gunwale amidships..... *49'-7"*
Round of Beam *1 - 1 1/8*
Normal round..... *1 - 0 3/8*
Difference *3/4* $\div 2 =$ *3/8*
Proportion of Deck uncovered (Para. 19) *53* *- 1/4*

Freeboard, Table A *7-10 7/8*
Correction for Sheer *- 10 7/8*
6 - 11 1/4
Correction for Length *+ 2 1/4*
7 - 1 1/2
Allowance for Deck Erections *- 8 1/2*
6 - 4 5/8
Correction for Round of Beam..... *- 1/4*
6 - 4 3/4
Correction for fall in Sheer (if any).....
Correction for Iron Deck (if required) *- 1 5/8*
6 - 3
Additions for non-compliance with provisions of }
Para. 11 (d) and (e) }
Other Corrections (if any)

Winter Freeboard *6-3*
Summer Freeboard *5-9 1/2*
Indian Summer Freeboard *5-4*
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. } *+ 1 3/4*

Winter Freeboard from deck line *6-4 3/4*
Summer " " " *5-11 1/4*
Indian Summer " " " *5-5 3/4*
N.A. Winter " " "

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 *11 1/2* *11 1/2* and aft should be reported.

frames, skin planking, or ceiling are of unusual thickness the breadth of vessel to inside of ceiling should be reported if possible.
In vessels having poops and forecastles, it means the sheer measured at the stem and sternpost.

No 18/5/14

MARKING FORM
RECEIVED 25 AUG 1932
MARKING REPORT
RECEIVED 27/5/14
7 MAR 1930

Do all the Frames extend to the top height in the Poop? *Yes* Raised Quarter Deck? *✓* Bridge House? *Yes* Forecastle? *Yes*
 To what height do the Reverse Frames extend? *Bulk 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 14 ft. hinged doors*
 What is the thickness of the Bridge Front plating? *4* and Coaming plate? *4 1/2*
 Give scantlings and spacing of the Stiffeners *8 x 3 1/2 x 6 1/4 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? *Rail cannot be*
 Has the Bridge House an efficient Iron Bulkhead at the after end? *Yes*
 How are the openings closed? *Storm boards, half 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? *✓*
 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:— *As approved*

Position and Size.		No 1 10'-7" x 21'		No 2 25'-6" x 21'		No 4 25'-6" x 21'		No 5 25'-6" x 21'		No 6 12'-9" x 21' 1/2	
Item.		Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
COAMING.	Height above top of DECK	42"		36"		38"		36"		36"	30"
	Sides	48		5		5		5		45	48
	Thickness	36		4		4		4		36	4
SHIFTING BEAMS OR WEB PLATES.	Number	One		Four		Four		Four		Two	
	Section and Scantlings	27/25 x 4 1/2		No 201		No 201		No 201		22/14 x 4 1/2	204/20 x 4 1/2
	Material	Steel								Steel	Steel
* FORE AND AFTERS.	Number										
	Section and Scantlings	✓		✓		✓		✓		✓	
	Material										
HATCHES Thickness		3		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?*

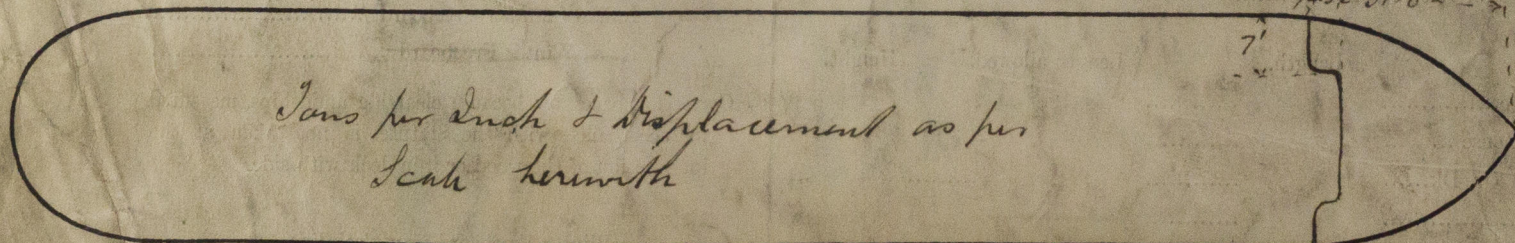
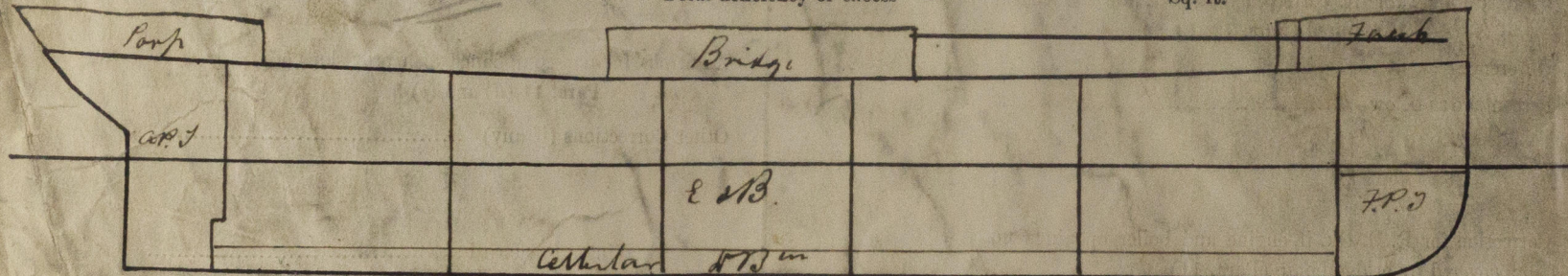
Delete the words { The Crew are, are not, berthed in the bridge house.
 that do not apply { The arrangements to enable them to get backwards and forwards from their quarters are, are not satisfactory.

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.		
24	7	24	7	1125	} Freeing Ports (each side of vessel) =	Sq. ft.
24	10	24	10	40 x 50		

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, Bulk angle framing, Cellular S.B. as per plans (2) herewith. Later vessel to the S. Portman*
Mad preboard report No 7809.

Owners Builders:— Messrs Richardson Black & Co Ltd

Address *Stockton-on-Tees*

Fee £ : : Received by me