

Lloyd's Register of British & Foreign Shipping.

SURVEYS FOR FREEBOARD.—STEAM SHIPS.

WED. 4 DEC 1907

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

Port of Survey Burkhead
 Date of Survey Dec 1907
 Name of Surveyor J. A. Nash

Ship's Name.	Port of Registry and Nationality.	Official Number.	Gross Tonnage.	Date of Build.	Particulars of Classification.
<u>Salton</u>	<u>Liverpool</u> <u>British</u>	<u>113131</u>	<u>293</u>	<u>1900-12</u>	<u>* 100A1</u>
Number in Register Book					

Registered dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK Tonnage.
	<u>134.2</u>	<u>22.6</u>	<u>9.75</u>	<u>259.52</u>
Length on LOADLINE	<u>136.75</u>	Frame Depth 3 Rule „ 3	Ceiling <u>2 1/2</u> Sheer <u>+43</u> <u>5/16ths 9.75</u>	Peak Tanks <u>FP=30</u> <u>AP=6</u> <u>Estimated 9.0</u>
CORRECTED DIMENSIONS.	<u>136.75</u>	<u>22.6</u>	<u>10.18</u>	<u>218.52</u>

Moulded Depth as measured..... 10.6 ✓

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

CORRECTION FOR LENGTH.

Length of Ship on Loadline..... 136.75 ✓
 Length in Table 126.00 ✓
 Difference 10.75 ✓
 Correction for 10ft., Table A.96 Table C. .53
 × Difference divided by 10096 (if required.)
 If 1/10ths length covered divide by 2 +1 ✓

CORRECTION FOR IRON DECK.

Proportion covered, if less than 1/10ths length covered528 ✓
 Thickness of usual wood deck, less stringer..... 3"-4/10" 8/10" = 7.6
27 - 1 1/2

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships..... 22.6 ✓
 Round of Beam..... 5 1/2 ✓
 Normal round 5 9/8 ✓
 Difference ✓ ÷ 2 =
 Proportion of Deck uncovered (Para. 19)

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

Co-efficient of fineness694
 Any modification necessary [Para. 4 (a) to (e) *] None 3" deeper
 Co-efficient as corrected68.69
Mean = 39.0
Standard = 23.4
15.2

Sheer { Stem... 43 1/2 } 78 1/2 ÷ 2 = 39.25 Mean
 at { Sternpost... 35 }
 Sheer at 1/2 of the length from { Stem 24 } 43 ÷ 2 = 21.5 Mean
 { Sternpost 19 }
 Gradual mean Sheer 39.0
 Standard mean Sheer (Table, Para. 18) 14.2 ✓
 Difference..... 7.3 ÷ 4 = 1.825 ✓
 If limited as Para. 18 (f)..... 1.1 24 - 1 3/4

Rise in Sheer { At front of bridge house.....
 from amidships {
 Para. 18 (e) [At after end of forecastle

Fall in shear {
 Para. 18 (d) } ÷ 2 = ✓
 Uncovered Correction

ALLOWANCE FOR DECK ERECTIONS:—

..... 2 ✓
 Required (Para. 12, 13, and 14) 1 1/2 ✓
 2 1/2 ✓
 d for shear, and for length, } 1.6 ✓
 (12, 13, and 14) } 1.3 1/2 ✓
 33.2876 = -5 1/4 ✓

Boiler openings not }
 -5 1/4 ✓

Length allowed. Height.
 ... 20.29 ✓ 6.6
 ... 9.55 ✓ 6.6
 ... 4.23 3.42 ✓
 ... 42.30 72.14
 ... 56.56 = 4.76 ✓
 ... 136.75 lights

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

Line above centre of Disc ...
 Line " " " ...
 below " " ...
 Atlantic Line " " " ...

Thickness the breadth of vessel to inside
 Para. 11 where the sheer drops abaft amidships
 the top of the amidship beam.
 Sheer measured at the stem and stern.
 The sheer measured at points distant

Winter Freeboard 9 1/2 ✓
 Summer Freeboard 8 ✓
 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 wood or iron deck with side. } 1

Winter Freeboard from deck line 10 1/2 ✓
 Summer " " " 9 ✓
 Indian Summer " " "
 N. A. Winter, " " "
 0' 9 ✓

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

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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? *As approved. Riser stringer main & alternately*

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 *None*

Is the ~~Poop~~ 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? *5/16* and Coaming plate? *3" x 2 1/2" x 6/16 - 30 ins. apart*

Give scantlings and spacing of the Stiffeners *No*

Are bracket plates fitted at each end of the Stiffeners? *No* Are hor'l. brackets fitted connecting Bridge Bulk'd. with Bulwarks? *No*

Has the Bridge House an efficient Iron Bulkhead at the after end? *Yes*

How are the openings closed? *Yes* Has the Forecastle an efficient Iron or Wood Bulk'd. at after end? *Yes*

Is the Forecastle at least as high as the main or top-gallant rail? *Yes*

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

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 *5/16*

What is the height of the exposed Casings? *6' 9"* 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:—

Position and Size.		No. 12' 1" x 11' 9"		No. 2-29' 3" x 12' 3"					
Item.		Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
COAMING.	Height above top of DECK	36 in		36 in					
	Sides.....	5/16		5/16					
	Ends.....	5/16		5/16					
SHIFTING BEAMS OR WEB PLATES.	Number.....	One		Two					
	Section and Scantlings.....	Depth of framing		Depth of framing					
	Material.....	Steel		Steel					
FORE AND AFTERS.	Number.....	Three		Three					
	Section and Scantlings.....	6" x 6"		Mid. 6 1/2" x 6 1/2"					
	Material.....	Wood		Wood					
HATCHES Thickness.....		2 1/2"		2 1/2"					
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.

What is the thickness of the Bridge Sheerstrake? *Strake between Main and Bridge Sheerstrakes?*

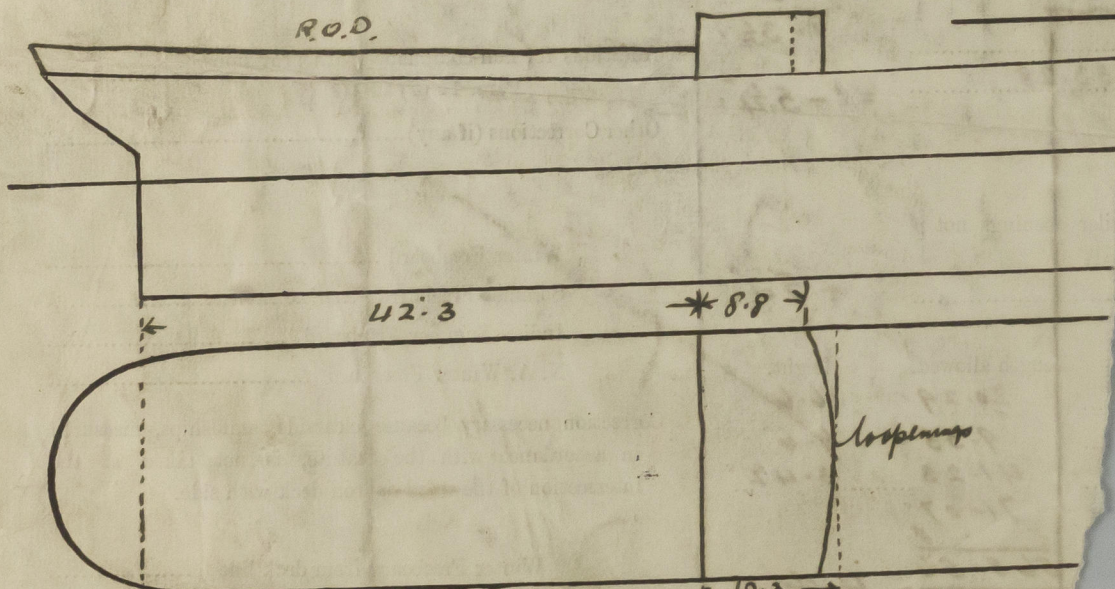
Delete the words { The Crew ~~are~~, are not, berthed in the bridge house.
that do not apply { The arrangements to enable them to get backwards and forwards from their quarters ~~are~~, are not satisfactory

Length of Bulwarks in well *62.15* ✓ = *2271* Sq. ft.

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

Ft. Tenths. Ft. Tenths. No. } Freeing Ports = *12875* Sq. ft.
(each side of vessel)

Total deficiency or excess =



Show hereon line of Floors or Tank Top with position of any Breaks in same; and

State any special features in the construction of the Vessel

Owners *Northwich Carrying Comp. Ltd.*

Address *Northwich Cheshire*

Fee £ *1 : 1 : 0*

Received by me *10/10/11*
Applied for *3.12.07*

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