

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.—STEAM SHIPS.

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

Port of Survey Sunderland
Date of Survey forwarding plan. 22/11/19
Name of Surveyor James Dickie

Ship's Name.	Port of Registry and Nationality.	Official Number.	Gross Tonnage.	Date of Build.	Particulars of Classification.
<u>B. P. Austin & Son N^o 293</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>+100 A1. Contemplated.</u>

REGISTERED LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
<u>308.0</u>	<u>43.0</u>	<u>19.75</u>	<u>2050</u>
<u>307.25</u>	Frame Depth <u>9</u> Rule <u>5 1/2</u> <u>-58</u> <u>58m ceiling</u> <u>15 to be added.</u>	Ceiling <u>+20</u> Sheer <u>+74</u>	Peak Tanks <u>included</u>
<u>307.25</u>	<u>42.42</u>	<u>20.69</u>	<u>2050</u>

Efficient of fineness..... .760
Modification necessary { Cells - 02
Para. 4 (a) to (e)]*
Efficient as corrected74

Stem..... 90 } 135 ÷ 2 = 67.5 Mean 37.12 = 67.5
Sternpost ... 45 }
26.78 ÷ 36 = .74
at 1/8 of the length from { Stem 49.5 } 74.25 ÷ 2 = 37.12 Mean
Sternpost 24.75 }
Actual mean Sheer 67.50
Standard mean Sheer [Table, Para. 18] 40.72 Correction
Difference..... 26.78 ÷ 4 = 6.695
Limited as Para. 18 (f) -6 3/4

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

in Sheer { ÷ 2 = Launch point of stem
Para. 18 (d) } amidships
uncovered Correction

ALLOWANCE FOR DECK ERECTIONS:—
Board, Table C..... 1.8
Correction for Length, if required (Para. 12, 13, and 14) + 2 3/4
Board by Table A. corrected for sheer, and for length, if required (Para. 12, 13, and 14) 4.22
Difference..... 2.34
Age as below..... 24.17
-6 3/4

on for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11)
ce for Deck Erections

Length.	Length allowed.	Height.
Forecastle..... <u>29.0</u>	<u>29.0</u>	<u>7.6</u>
Bridge House..... <u>66.0</u>	<u>64.5</u>	<u>7.6</u>
† Raised Qr. Dk.....		
Poop..... <u>25.0</u>	<u>25.0</u>	<u>7.6</u>
Total	<u>118.5</u>	<u>3856</u>
Length of Ship	<u>307.25</u>	
Corresponding percentage { <u>24.17</u> (Para. 12, 13, and 14)		

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 " " "

Moulded Depth as measured..... 22.0
Wood dk thickness..... -3 1/2
21.5 1/2
Addition for Keel below base line for draught record..... 1 3/4 inches.

CORRECTION FOR LENGTH.
Length of Ship on Loadline..... 307.25
Length in Table 260.50
Difference 46.75
Correction for 10th, Table A. 1.2 Table C. .6
× Difference divided by 10 5.61 (if required.) 2.80
If 1/10ths length covered divide by 2 +5 1/2 +2 3/4

CORRECTION FOR IRON DECK.
Proportion covered, if less than 1/2 length covered385
Thickness of usual wood deck, less stringer Correction in moulded depth

CORRECTION FOR ROUND OF BEAM.
Breadth at Gunwale amidships..... 42.0
Round of Beam 9 1/2
Normal round..... 12 1/2
Difference ÷ 2 =
Proportion of Deck uncovered (Para. 19)

Freeboard, Table A 4.34
Correction for Sheer -6 3/4
3.9
Correction for Length +5 1/2
4.22
Allowance for Deck Erections -6 3/4
3.73
Correction for Round of Beam.....
Correction for fall in Sheer (if any).....
Correction for Iron Deck (if required)
Additions for non-compliance with provisions of {
Para. 11 (d) and (e) †
Other Corrections (if any)

Winter Freeboard 3.73
Summer Freeboard 3.43
Indian Summer Freeboard 3.13
N. A. Winter Freeboard 3.93

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 3.9 1/2
Summer " " " 3.6 1/2
Indian Summer " " " 3.3 1/2
N. A. Winter " " " 3.1 1/2

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 draught forward and aft should be reported.

the frames, skin planking, or ceiling are of unusual thickness the breadth of vessel to inside of ceiling should be reported if possible.
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.
vessels the total standard mean sheer means the sheer measured at the stem and stern having poops and forecastles. It means the sheer measured at points distant vessel's length from stem and stern-post.

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vessels the total standard mean sheer means the sheer measured at the stem and stern having poops and forecastles. It means the sheer measured at points distant vessel's length from stem and stern-post.

Do all the Frames extend to the top height in the Poop? *Yes* Raised Quarter Deck? *Yes* Bridge House? *Ultimately Fore*

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

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 *No openings*

What is the thickness of the Bridge Front plating? *.36* and Coaming plate? *.40*

Give scantlings and spacing of the Stiffeners *7 x 3 x .56 Bulk-angles, spaced 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? *Class A appliances. Two 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? *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 *✓*

What is the height of the exposed Casings? *7'0" & 3'8"* Are suitable means provided for closing all openings in them in bad weather? *Will be*

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:— *Will be*

Position and Size.		Ship.		Rule.		Ship.		Rule.		Ship.		Rule.	
Item.		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.....													

* The depth of Fore and Afters should be stated from the underside of the hatches in all cases.

(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?*

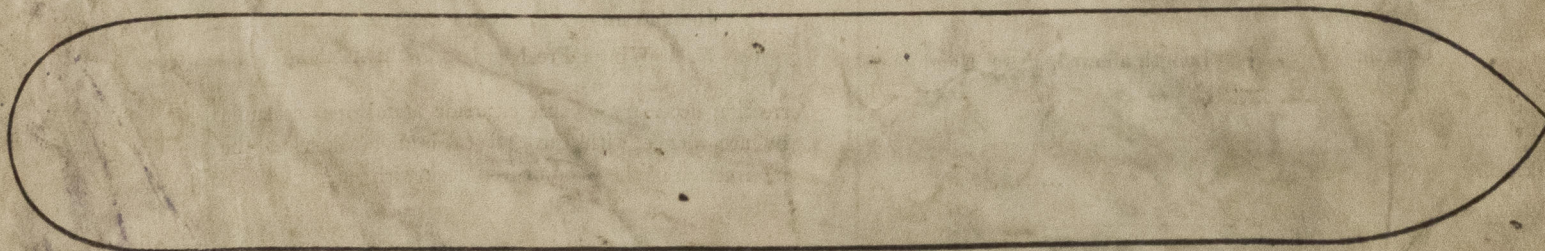
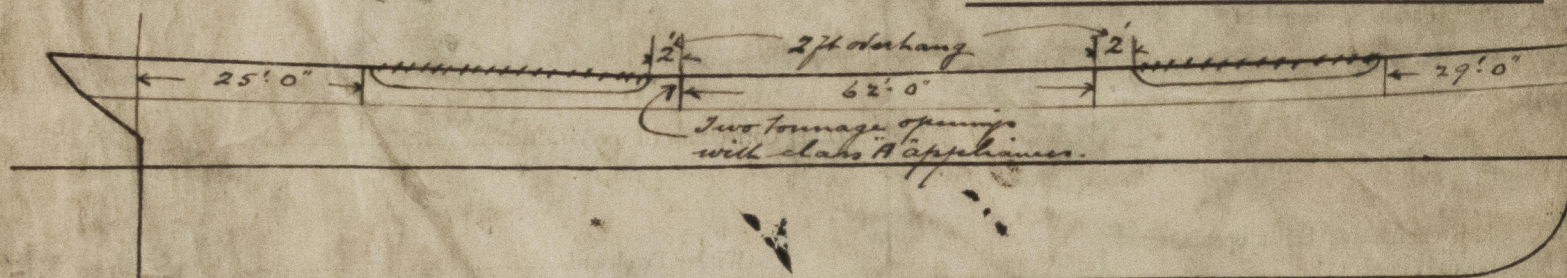
Delete the words { The Crew are, are not, berthed in the bridge house.
that do not apply { The arrangements to enable them to get backwards and forwards from their quarters are, are not satisfactory.

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

Owners

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