

MON. MAY. 28. 1923

Form 11b.

Index No. **30921**
(For London Office only)

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 TOP GALLANT FORECASTLES HAVING LONG POOPS, OR RAISED QUARTER DECKS CONNECTED WITH BRIDGE HOUSES, OR OTHERWISE.

Port of Survey SwanseaDate of Survey 26.5.23Name of Surveyor W. H. P. P. P.

Particulars of Classification.

Ship's Name

Port of Registry and Nationality.

Official Number.

Gross Tonnage.

Date of Build.

+100 A.I.

(Contemplated).

Number in Register Book

Registered dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	122.1	21.85	9.45 9.6670	178.73
Length on LOADLINE.	122	Frame Depth $\frac{4}{12}$ Rule " 3 $\frac{1}{12}$ -25	Ceiling Sheer + 7.17	Peak Tanks
CORRECTED DIMENSIONS.	122	21.40	9.843	178.73

Co-efficient of fineness..... 64.70Any modification necessary {
[Para. 4 (a) to (e)]*Co-efficient as corrected 64.70

Sheer { Stem..... 84.5 } $84.5 \div 2 = 29.125$ Mean $\frac{15.5}{55} = \frac{28.18}{22.2}$
 at { Sternpost 23.75 } $36 \frac{5.98}{17}$

Sheer at $\frac{1}{2}$ of the length from { Stem 19 } $21 \div 2 = 10.5$ Mean $\frac{13.32}{17}$
 { Sternpost 12 } $4 \frac{2.18}{12} = -\frac{1}{2}$

Gradual mean Sheer 28.18 Correction $4 \frac{2.18}{12} = -\frac{1}{2}$

Standard mean Sheer [Table, Para. 18] 22.2

Difference..... $5.98 \div 4 = -1 \frac{1}{2}$

§ If limited as Para. 18 (f) $-1 \frac{1}{2}$

Rise in Sheer { At front of bridge house..... 44 }
 from amidships { At after end of forecastle 44 }

¶ Fall in Sheer { } $\div 2 =$
 Para. 18 (d) { }
 Length uncovered Correction

ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C..... $2' 2'$

Correction for Length, if required (Para. 12, 13, and 14)

Freeboard by Table A, corrected for sheer, and for length, if required (Para. 12, 13, and 14) $1' 3'$

Difference $1' 1'$ Percentage as below $13' - 8 \frac{1}{2}'$

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) $6 \frac{1}{2}'$

Allowance for Deck Erections $6 \frac{1}{2}'$

	Length.	Length allowed.	Height.
Forecastle.....	24.0	31.0	6.6
Bridge House.....	8.8	8.8	9.3
† Raised Qr. Dk.....	42.46	42.46	2.6
Poop.....		7.0	
Total			58.76

Length of Ship 122Corresponding percentage {
(Para. 11, 12, 13, or 14) } As above.

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..... 10.3

Addition for Keel below base line
 for draught record... $2 \frac{1}{2}$ inches. adjusted

CORRECTION FOR LENGTH.

Length of Ship on Loadline..... 122.0
 Length in Table 123.0
 Difference 1.0
 Correction for 10ft., Table A. 85 Table C. 45
 × Difference divided by 10
 If $\frac{1}{10}$ ths length covered divide by 2

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

CORRECTION FOR IRON DECK.

Proportion covered, if less than $\frac{1}{10}$ ths length covered 58.76
 Thickness of usual wood deck, less stringer 2.64 - $1 \frac{1}{2}$

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships..... 21.3
 Round of Beam 4
 Normal round..... 5.32
 Difference 1.68 $\div 2 =$.84
 Proportion of Deck uncovered (Para. 19) 4.14 $\div 2 =$ 2.07

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

Freeboard, Table A 1.4 1/2Correction for Sheer 6 1/2Correction for Length 1 1/2Allowance for Deck Erections 6 1/2Correction for Round of Beam..... 1/4Correction for fall in Sheer (if any)..... 9 3/4Correction for Iron Deck (if required) 1 1/2Additions for non-compliance with provisions of {
Para. 11 (d) and (e) †

Other Corrections (if any)

Winter Freeboard 8 1/4Summer Freeboard 6 3/4

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 9 1/4Summer " " " 7 3/4

Indian Summer " " "

N. A. Winter " " "

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† If the frames, skin planking, or ceiling are of unusual thickness the breadth of vessel to inside of ceiling should be reported if possible.
 ‡ In vessels 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.
 § In flush-decked vessels the total standard mean sheer means the sheer measured at the stem and sternpost. In vessels having poops and forecastles, it means the sheer measured at points distant one-eighth of the vessel's length from stem and sternpost.

† 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.

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? *from base of bridge on floor*
 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 *none*
 Is the Poop or 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 *none*
 What is the thickness of the Bridge Front plating? *30* and Coaming plate? *34*
 Give scantlings and spacing of the Stiffeners *5 x 3 x 30 BA 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? *none*
 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? *6.6 above R.Q.D.* 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:— *yes*

Position and Size.		35-0 x 12-0									
Item.		Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
COAMING.	Height above top of DECK	2-11	2-11								
	Sides	40	40								
	Ends	40	40								
SHIFTING BEAMS OR WEB PLATES.	Number	6	6								
	Section and Scantlings	11 x 30	11 x 30								
	Material	Double angle 3 x 3 x 40 top & bottom	Double angle 3 x 3 x 40 top & bottom								
* FORE AND AFTERS.	Number	none	none								
	Section and Scantlings										
	Material										
HATCHES Thickness		2 1/2	2 1/2								
Remarks		wood	wood								

* 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.)

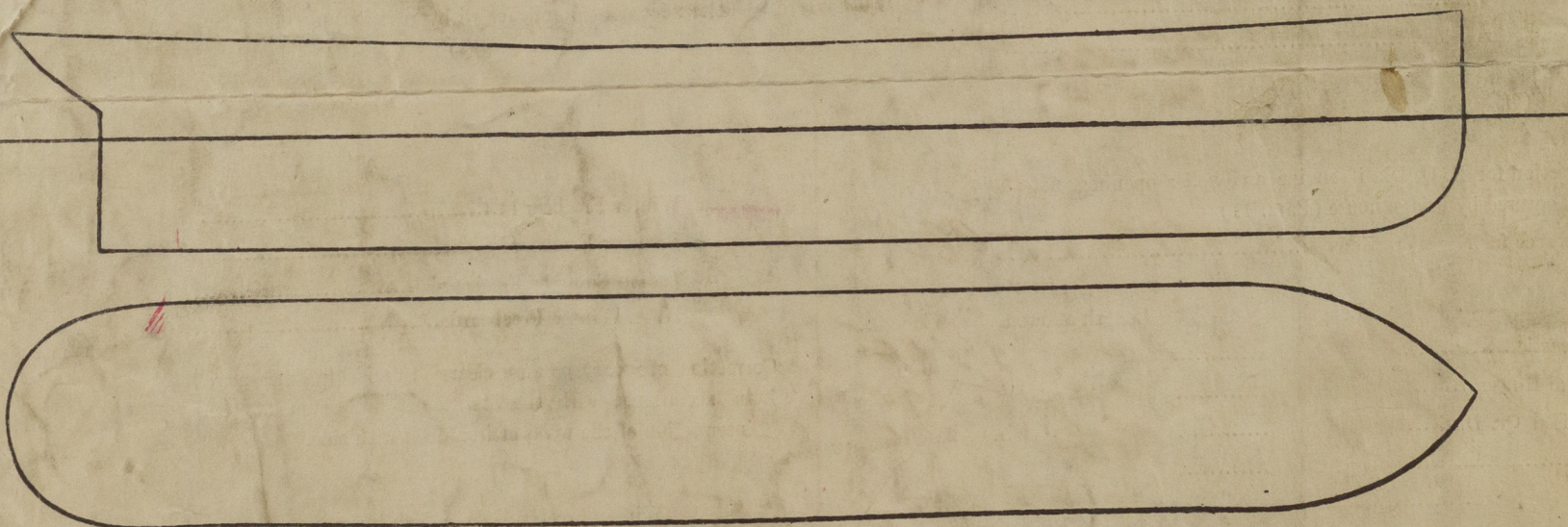
The following information is to be given in all Cases of vessels dealt with under Paras. 11, 12 (under 15 feet Moulded depth) and under Shelter Deck Rules.
 What is the thickness of the Bridge Sheerstrake? *yes* Strake between Main and Bridge Sheerstrakes? *yes*

Delete the words *The Crew 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 *44-0 48-54'*
 Area of Freeing Ports required by Para. 11 (e) each side of vessel = *11-134* Sq. ft.

Ft. Tenths. Ft. Tenths. No. } Freeing Ports (each side of vessel) = *19* Sq. ft.
3-17 x 2-0 x 3

Total deficiency or excess = *7-66* 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 *Approved plans of mainship section, profile & deck plans enclosed for reference.*

This is a similar vessel to S.S. Paint Draw Built by Scott & Son Bowline in 1911

Owners
 Address

Received by me