

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD-STEAM SHIPS.

No. 28798

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 Sunderland
Date of Survey Whilst building
Name of Surveyor W.T. Hudson

Ship's Name.

Port of Registry and Nationality.

Official Number.

Gross Tonnage.

Date of Build.

Particulars of Classification.

Number in Register Book

Registered dimensions from Ship's Register.

Length on LOADLINE.

CORRECTED DIMENSIONS.

Co-efficient of fineness.....

Any modification necessary

[Para. 4 (a) to (e)]*

Co-efficient as corrected

Sheer at Stem.....
at Sternpost.....Sheer at $\frac{1}{2}$ of the length from Stem.....
Sternpost.....Gradual mean Sheer
Standard mean Sheer [Table, Para. 18].....
Difference.....

§ If limited as Para. 18 (f)

Rise in Sheer from amidships {
[Para. 18 (e)] { At front of bridge house.....
At after end of forecastleFall in Sheer {
Para. 18 (d) { $\div 2 =$
Length uncovered Correction

ALLOWANCE FOR DECK ERECTIONS :-

Freeboard, Table C.....

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)

Difference

Percentage as below.....

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11)

Allowance for Deck Erections

	Length.	Length allowed.	Height.
Forecastle.....	22.16	22.16	7.0
Bridge House.....	12.08	12.08	7.0
† Raised Qr. Dk.....	125.68	125.68	4.27
Poop.....	20.59	20.59	7.0
Total	180.51	180.51	6.68

Length of Ship

Corresponding percentage {
(Para. 11, 12, 13, or 14) { 50.2%

FREEBOARD recommended amidships from centre of Disc to top of Statutory Deck Line, Wood (Steel) Deck :-

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

25 APR 1924

† 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.

Moulded Depth as measured.....

Addition for Keel below base line for draught record.....

CORRECTION FOR LENGTH.

Length of Ship on Loadline.....

Length in Table

Difference

Correction for 10ft., Table A.....

× Difference divided by 10

If $\frac{1}{10}$ ths length covered divide by 2

Table C.

(if required.)

+ $\frac{1}{4}$

CORRECTION FOR IRON DECK.

Proportion covered, if less than $\frac{1}{10}$ ths length covered

Thickness of usual wood deck, less stringer

 $3\frac{1}{2} \times .872 = 3.04$

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships.....

Round of Beam

Normal round.....

Difference

Proportion of Deck uncovered (Para. 19)

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

Freeboard, Table A

Correction for Sheer

Correction for Length

Allowance for Deck Erections

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

Summer Freeboard

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 steel deck with side.

Winter Freeboard from deck line

Summer " " " "

Indian Summer " " " "

N. A. Winter " " " "

2-0 1/2

5

3 1/2

6 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 draft forward and aft, should be reported.

MAKING FORWARD

RECEIVED 16 JUN 1924

002410-002417-0095

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? *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 *No openings*
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? *36* and Coaming plate? *40*
Give scantlings and spacing of the Stiffeners *7 x 3 x 38 BA spaced 24, hatch side to ship's side; 6 x 3 x 30 BA spaced 30 apart in way of hatch.*
Are bracket plates fitted at each end of the Stiffeners? *Brackets at bottom, legs* Are hor'l. brackets fitted connecting Bridge Bulk'd. with Bulwarks? *Yes*
Has the Bridge House an efficient Iron Bulkhead at the after end?
How are the openings closed? *No 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? *Side houses.*
Are the Engine and Boiler openings covered by a ~~Bridge, Poop, Raised~~ *Yes* Quarter Deck, ~~or enclosed by a Strong Iron or Steel Deckhouse?~~
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? *7-0 above Quarter Deck* 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 1. 34'-1" x 20'-8" (MEAN)		No 2 37'-8" x 25'-0" MEAN.		No 3. 24'-0" x 24'-0" (MEAN)		No 4. 31'-5" x 21'-8" (MEAN)		Ship.	Rule.
Item.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
COAMING.	Height above top of DECK	48"	48"	(CROSS BUNKER HATCH END AS PER SECT 14, PAR 5. C)	36"		36"			
	Thickness { Sides.....	50	50		50		50			
	Ends.....	50	50		50		50			
SHIFTING BEAMS OR WEB PLATES.	Number	6	6		5		6			
	Section and Scantlings	20" x 10" x 36	20" x 10" x 36		20" x 10" x 36		18" x 9" x 36			
	Material	PEEL								
* FORE AND AFTERS.	Number									
	Section and Scantlings	NONE		FITTED						
	Material									
HATCHES Thickness	3"		3"		3"		3"			
Remarks.....	Satisfactory									

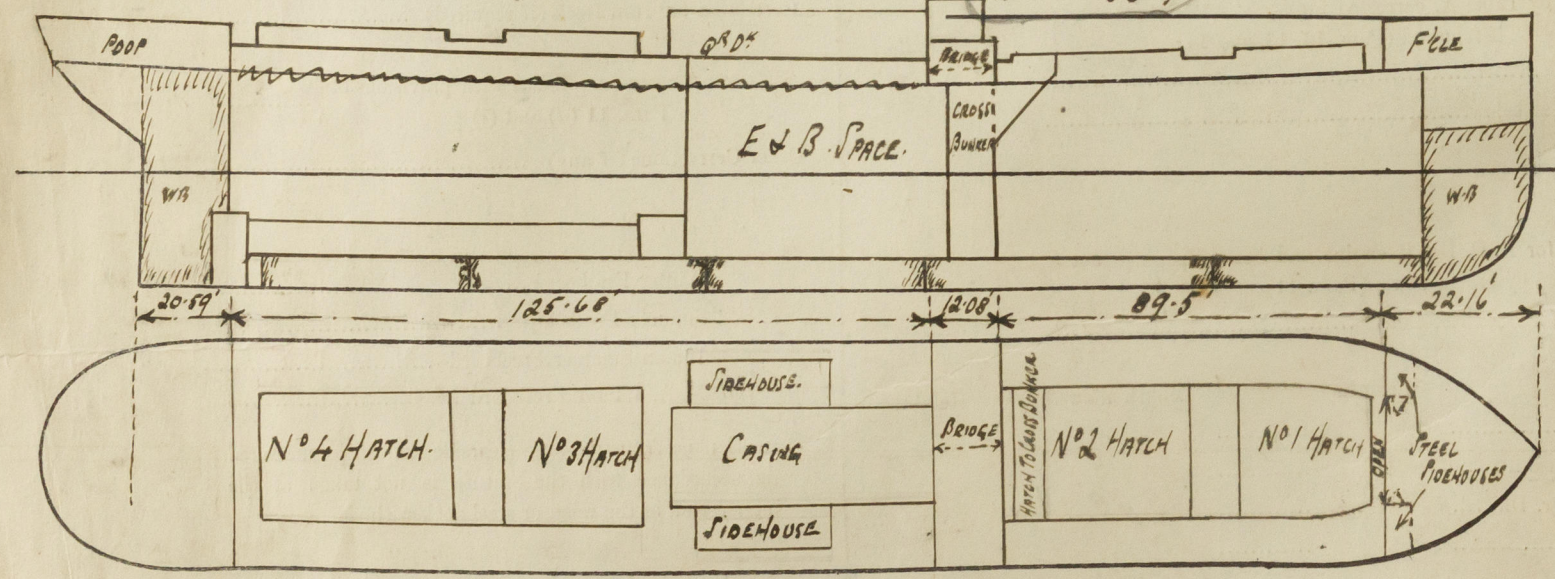
* The depth of Fore and Afters should be stated from the underside of the hatches in all cases.

(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. *Crew in poop. Officers in bridge & side houses on charter deck.*
that do not apply { The arrangements to enable them to get backwards and forwards from their quarters are, *are not* satisfactory.

F.W.
4168 = 5.16
20'21" x 40
Length of Bulwarks in well *Fore 89.5' - Aft 125.68' - Bulwark fore 4'-0", aft 3'-1"*
Area of Freeing Ports required by Para. 11 (c) each side of vessel = *17.9* = *Fore 35.8 - Aft 19.35* Sq. ft.
Ft. Tenths. Ft. Tenths. No. } Freeing Ports (each side of vessel) *Fore 36.30 - Aft 19.68* Sq. ft.
Fore 3.458 x 1.75 x 6
Aft 2.625 x 1.25 x 6
for class only
Total deficiency or excess = *18.4* *Fore 36.30 - Aft 19.68* } 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 *No special features.*
Builder's name and yard number *Messrs J. L. Thompson & Sons Ltd* *% No 550.*
Names of sister vessels *✓*
Owners *The Builder*
Address *A preboard request form is forwarded herewith also Displacement & T. See also preliminary report Red No 28663 & the Secretary's letter dated 30th Oct 1923 (Ref M). The approved plans are in the London Office.*
Fee £ *6*
Will be charged on completion Received by me *Lee F. E. Rpt.*

