

Rpt. 11b.

Dionysios Stathatos

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 *Birkenhead.*Date of Survey *19th August 1919.*Name of Surveyor *John Needham.**Cammell Laird: N: 853*

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.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
400' 0"	52' 4"	28' 4"	4719.89

Moulded Depth as measured.....

31' 0"

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

Addition for Keel below base line for draught record.....*1/2* inches.

CORRECTION FOR LENGTH.

Length of Ship on Loadline.....	399.7
Length in Table	372.0
Difference	27.7
Correction for 10ft., Table A.	1.6
Table C.	8
× Difference divided by 10	+ 4 1/2 (if required.)
If 1/10ths length covered divide by 2	+ 2 1/4

CORRECTION FOR IRON DECK.

Proportion covered, if less than 1/10ths length covered 5

Thickness of usual wood deck, less stringer 3 1/2

-1 1/2

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships.....	52' 3"
Round of Beam	13"
Normal round.....	13
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.

Coefficient of fineness..... .77 -

Any modification necessary [Para. 4 (a) to (e)]* C. 53

Coefficient as corrected75 -

Stem 120 } 180 ÷ 2 = 90" Mean

Sternpost 60 }

Stem 66" } 99 ÷ 2 = 49.5" Mean

Sternpost 33 }

Standard mean Sheer [Table, Para. 18] 49.97

Difference..... 40.63 ÷ 4 = -10

If limited as Para. 18 (f).....

Rise in Sheer { At front of bridge house.....

from amidships { At after end of forecastle

Para. 18 (e) {

Fall in Sheer { 14. ÷ 2 =

Para. 18 (d) {

Length uncovered Correction

ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C.....	4 .. 9
Correction for Length, if required (Para. 12, 13, and 14)	+ 2 1/4
Freeboard by Table A, corrected for sheer, and for length, if required (Para. 12, 13, and 14) }	7 .. 5
Difference	2 .. 5 3/4
Percentage as below.....	32.3%

9 1/2

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..... 35.7+10 overhang.....	39.7	8' 0"
Bridge House 112.66	112.66	8' 0"
Raised Q. Dk.		
Top..... 49.25	49.25	8' 0"
Total	201.61	

Length of Ship 399.7

Corresponding percentage (Para. 11, 12, 13, or 14) } 32.3%

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	" "	

© 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.

MARKING FOLD

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Do all the Frames extend to the top height in the Poop? *Frames alternately* Raised Quarter Deck? *yes, all in way of Fire Peak.* Bridge House? *yes, all in way of Fire Peak.* Forecastle? *yes, all in way of Fire Peak.*

To what height do the Reverse Frames extend? *To upper deck except in way of Eng & B. space.*

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 *Iron door*

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 *None.*

What is the thickness of the Bridge Front plating? *40"* and Coaming plate? *44"*

Give scantlings and spacing of the Stiffeners *9" x 3 1/2" x 56 Bull angle 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, with two openings*

How are the openings closed? *efficient stormboards*

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, with 2 openings, closed by means of stormboards*

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? Are suitable means provided for closing all openings in them in bad weather?

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*

K.D.	Position and Size.	141-32'-6" x 26'-0"		142-34'-8" x 26'-0"		143-10'-11" x 18'-1 1/2"		143-19'-5" x 26'-0" (127-15'-2" x 26'-0")		144-20'-3" x 26'-0"	
	Item.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
COAMING.	Height above top of DECK	30"		30"		18" above Area OK		30"		30"	
	Thickness {	Sides.....	44	44	44	44	44	44	44	44	44
		Ends.....	44		44		44		44		44
SHIFTING BEAMS OR WEB PLATES.	Number	3 off (A)		3 off (A)		3 x 3 = 40		2 off (A)		3 off (A)	
	Section and Scantlings	3" (B)		3" (B)		1 1/2" x 2 off		1" B		2" (B)	
	Material	Steel		Steel		12 3/8" 10" x 30" .30				Steel	
* FORE AND AFTERS.	Number					3 F & A - as above					
	Section and Scantlings	None		None				None		None	
	Material										
HATCHES	Thickness	3"		3"		2 1/2"		3"		3"	
	Remarks.....	Solid		Solid		Solid		Solid		Solid	

* 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.

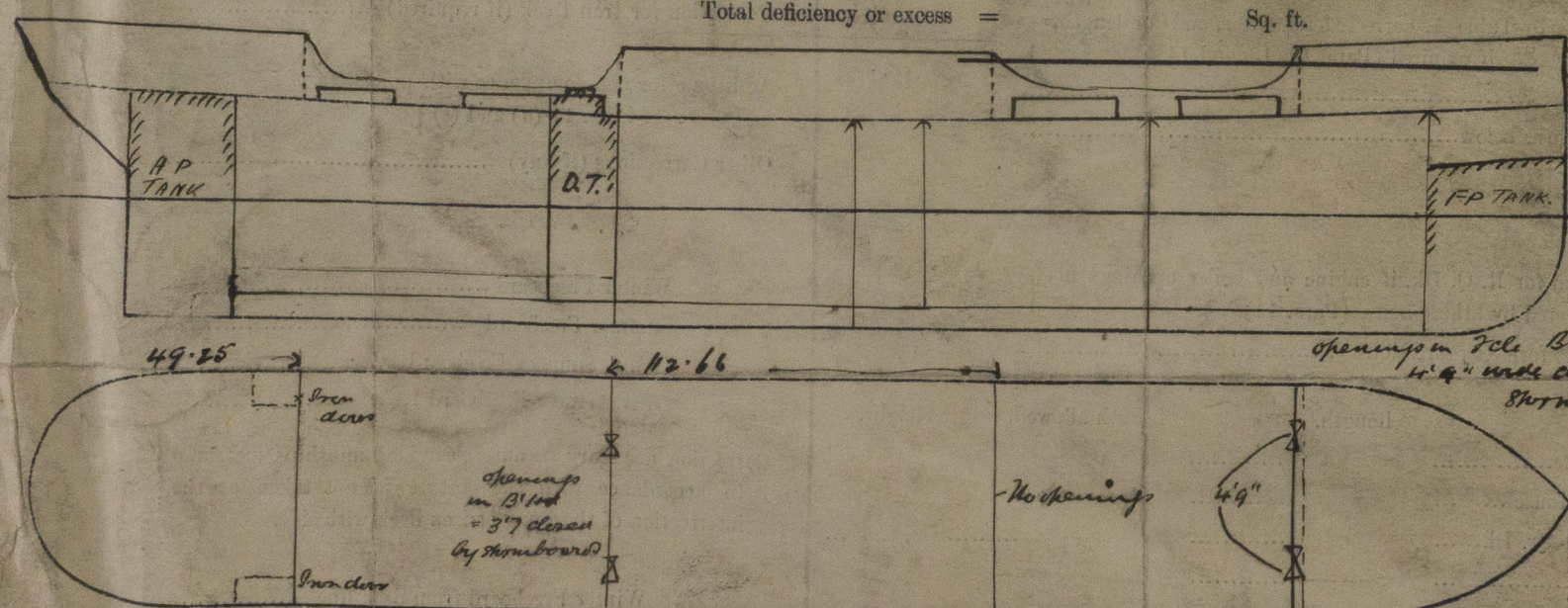
What is the thickness of the Bridge Sheerstrake? *1 1/2"* Strake between Main and Bridge Sheerstrakes? *1 1/2"*

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 *49' 25"*

	Ft.	Tenths.	Ft.	Tenths.	No.	
Forward Well	4.66	x	1.5	x	3 each	Freeing Ports (each side of vessel) = Sq. ft.
Afters "	4.66	x	1.5	x	3 sides	

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 *Reconverted Grain Carrier "H" Type (Mundara), excepting Deep Tank fitted abaft Eng Rm B/H. - (see Lloyds Rpts No 77021-77022.)*

Owners *The Shipping Controller.*

Address

Rec'd by *me* : *me* : *0*

* To be applied for with F.E. Rpt. Received by me *17.10.19* *RBTR*