

Rpt. 11b

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.—STEAM SHIPS.

PARTICULARS RELATING TO ALL STEAM SHIPS ~~UNDER 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 Glasgow
 Date of Survey 5th Aug. 1919
 Name of Surveyor George Nicol

Ship's Name. <u>S. "LONDONIER"</u> <u>Lloyd Royal Belg N. 10</u> Number in Register Book	Port of Registry and Nationality. <u>Antwerp</u> <u>Belgium</u>	Official Number. <u>✓</u>	Gross Tonnage. <u>✓</u>	Date of Build. <u>1919.</u>	Particulars of Classification. <u>7 100 A.1.</u> <u>(Class contemplated)</u>
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Registered Length on ADLINE.	LENGTH. <u>400</u>	BREADTH. <u>52.3</u>	DEPTH. <u>28.4</u>	UNDER DECK TONNAGE. <u>4774.23</u>
Corrected Dimensions.	<u>399.5</u>	Frame Depth Rule <u>5 1/2</u> <u>x 2</u> <u>- .92</u>	Ceiling + 2 Sheer <u>1.11</u> <u>Level link</u>	Peak Tanks <u>Reduced depth</u> <u>trimming in</u> <u>S.P. Space</u> <u>+ 3.0</u>
	<u>399.5</u>	<u>51.38</u>	<u>29.71</u>	<u>4777.23</u>

Moulded Depth as measured..... 31' 0"
 Addition for Keel below base line for draught record.. 2 7/8 inches.

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

Efficiency of fineness..... $\frac{4777.23 \times 100}{399.5 \times 51.38 \times 29.71} = .782$
 Any modification necessary [Para. 4 (a) to (e)]*
 Efficiency as corrected..... .76

CORRECTION FOR LENGTH.
 Length of Ship on Loadline... 399.5
 Length in Table 372.0
 Difference 27.5
 Correction for 10ft., Table A. 1.6 Table C. .8
 × Difference divided by 10 + 4 1/2 (if required.) + 2 1/4
 If 1/10ths length covered divide by 2

Sheer { Stem..... 120
 at { Sternpost ... 60 } $180 \div 2 = 90$ Mean
 Sheer at 1/3 of the length from { Stem 66
 { Sternpost 33 } $99 \div 2 = 49.5$ Mean
 Standard mean Sheer 90.00
 Standard mean Sheer [Table, Para. 18] 49.95 Correction
 Difference..... 40.05 $\div 4 =$
 If limited as Para. 18 (f)..... - 10"

CORRECTION FOR IRON DECK.
 Proportion covered, if less than 1/10ths length covered5
 Thickness of usual wood deck, less stringer 3 1/2 - 1 3/4

Rise in Sheer { At front of Bridge house.....
 from amidships { At after end of forecastle.....

CORRECTION FOR ROUND OF BEAM.
 Breadth at Gunwale amidships..... 52.0
 Round of Beam 13
 Normal round..... 13
 Difference $\checkmark \div 2 =$
 Proportion of Deck uncovered (Para. 19)..... \checkmark

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

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

Freeboard, Table A 7-11
 Correction for Sheer - 10
 Correction for Length + 4 1/2
 Allowance for Deck Erections - 9 1/2
 Correction for Round of Beam..... 6-8
 Correction for fall in Sheer (if any).....
 Correction for Iron Deck (if required) - 1 3/4
 Additions for non-compliance with provisions of Para. 11 (d) and (e) †
 Other Corrections (if any)

ALLOWANCE FOR DECK ERECTIONS :—
 Freeboard, Table C..... 4-9 1/2
 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 1/2
 Difference 2-5 3/4
 Percentage as below..... 32.08
 Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11)
 Allowance for Deck Erections

Winter Freeboard 6-6 1/4
 Summer Freeboard 6-0 3/4
 Indian Summer Freeboard 5-7 1/4
 N. A. Winter Freeboard

	Length.	Length allowed.	Height.
Forecastle.....	<u>38.25</u>	<u>38.25</u>	<u>7.11 1/2</u>
Bridge House.....	<u>112.67</u>	<u>112.67</u>	"
Raised Qr. Dk.....	<u>49.25</u>	<u>49.25</u>	"
Total	<u>200.17</u>	<u>200.17</u>	<u>= .501</u>
Length of Ship	<u>399.50</u>		

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 1/2

Winter Freeboard from deck line 6-7 3/4
 Summer " " " " 6-2 1/4
 Indian Summer " " " " 5-8 3/4
 N. A. Winter " " " "

FREEBOARD recommended amidships from centre of Disc to top of Statutory Deck Line, Wood (Iron) Deck :— 6' 2"
 Fresh Water Line above centre of Disc 4
 Indian Summer Line " " " " 5 1/2
 Winter Line below " " " " 5 1/2
 Winter North Atlantic Line " " " " ✓

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.

† 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 stern-post.

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? *to upper dx: no reversed frames in E.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 *Two steel hinged doors*
 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 bulb angles 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? *Shifting boards in riveted channels full height*
 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? *Covered by bridge deck*
 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? *Yes* 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:— *See below Yes*

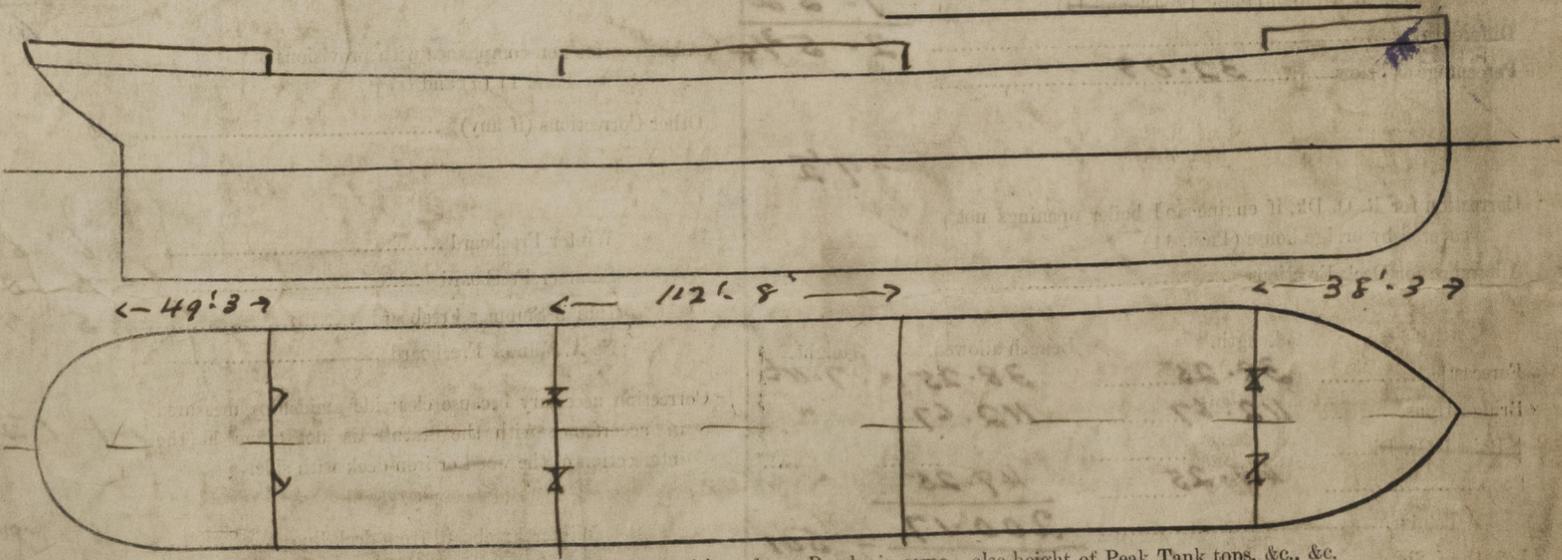
Position and Size.	N-1 32'-6" x 20'-0"		N-2 34'-8" x 20'-0"		N-3 10'-10" x 18'-0"		N-4 34'-8" x 20'-0"		N-5 28'-2" x 20'-0"			
Item.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.		
COAMING	Height above top of DECK	30	None	No. 1	30	None	No. 1	None	None	No. 1		
	Thickness	Sides .44 Ends .44			Sides .44 Ends .44						Sides .44 Ends .44	Sides .44 Ends .44
SHIFTING BEAMS OR WEB PLATES	Number	512	No. 1	No. 1	13	No. 1	No. 1	No. 1	No. 1	No. 1		
	Section and Scantlings	18 x 12 x 36			13 x 32						18 x 12 x 36	13 x 32
	Material	Steel			Steel						Steel	Steel
* FORE AND AFTERS	Number		No. 1	No. 1		No. 1	No. 1	No. 1	No. 1	No. 1		
	Section and Scantlings	no fore & afters			none						no fore and afters	no fore and afters
	Material											
HATCHES	Thickness	3	3	3	3	3	3	3	3	3		
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.	No.	Freeing Ports (each side of vessel)	=	Sq. ft.
x	x	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 *This vessel is a Standard 'A' type Steamer with a 2nd deck fitted to new owners requirements*
Required from N. 9 Midship section of vessel, and midship section and profile and deck plans showing 2nd deck are enclosed herewith
 Owners *Messrs Lloyd Royal Belge Soc. Anon.*

Address
 See £ 7 : 7 : 0 Received by me 4/11/1911

