

Antwerp Engineering Co. 75

11382

Index No. 27946
(For London Office only.)

Lloyd's Register of Shipping.
SURVEYS FOR FREEBOARD.—STEAM SHIPS.

SAT. NOV. 13 1920

PARTICULARS RELATING TO ALL STEAM SHIPS ~~WITH OR WITHOUT~~ OR WITH
TOP GALLANT FORECASTLES, SHORT POOPS AND BRIDGE HOUSES DISCONNECTED, ~~OR~~
~~WITH TOP GALLANT FORECASTLES HAVING LONG POOPS, OR HAVING QUARTER DECK~~
~~CONNECTED WITH BRIDGE HOUSES, OR OTHERWISE.~~

Port of Survey Antwerp
Date of Survey Building last day 5/11/20
Name of Surveyor J. D. Herbert

Ship's Name.	Port of Registry and Nationality.	Official Number.	Gross Tonnage.	Date of Build.	Particulars of Classification.
<u>GIRONDE</u>	<u>Antwerp</u> <u>Belgian</u>		<u>1753.55</u>	<u>1920</u>	<u>100 R.T.</u> <u>Class Contemplated</u>
Number in Register Book					

REGISTERED DIMENSIONS FROM REGISTER.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	<u>250.0</u>	<u>38.25</u>	<u>19.74</u>	<u>1547.51</u>
Length on LOADLINE.	<u>250</u>			
CORRECTED DIMENSIONS.	<u>250</u>	<u>38.00</u>	<u>20.42</u>	<u>1547.51</u>

Rule
Coefficient of fineness..... .79
Any modification necessary {
[Para. 4 (a) to (e)]* } COR
Coefficient as corrected77

Sheer { Stem..... 70
at { Sternpost ... 35 } $105 \div 2 = 52.5$ Mean
Sheer at $\frac{1}{4}$ of the length from { Stem 38.5
Sternpost 19.4 } $57.5 \div 2 = 28.75$ Mean
Gradual mean Sheer 52.5 52.49
Standard mean Sheer [Table, Para. 18] 35.00 Correction
Difference..... 17.49 $\div 4 = 4.375$
If limited as Para. 18 (f) Say - 4.5

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

ALLOWANCE FOR DECK ERECTIONS :—
Freeboard, Table C..... 1.10
Correction for Length, if required (Para. 12, 13, and 14) 1.09
Freeboard by Table A, corrected for sheer, and for length, if required (Para. 12, 13, and 14) { 4.02
Difference 2.32
Percentage as below..... 27.1%
7.45
Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) {
Allowance for Deck Erections -7.5

	Length.	Length allowed.	Height.
Castle.....	<u>27.5 1/4</u>	<u>27.44</u>	<u>7.5</u>
Bridge House.....	<u>2.75 overhang</u>		
Used Qr. Dk.....	<u>52.5 clear</u>	<u>57.62</u>	<u>7.0</u>
	<u>5.0 overhang</u>		
	<u>22.6 3/4</u>	<u>23.45</u>	<u>7.0</u>
Total	<u>108.51</u>		
Length of Ship	<u>250</u>	<u>.43</u>	
Corresponding percentage { Para. 11, 12, 13, or 14) }			

FREEBOARD recommended amidships from centre of Disc to top of Statutory Deck Line, Steel Deck :—
Fresh Water Line above centre of Disc 5
Indian Summer Line " " " 3
Winter Line below " " 3 1/2
Winter North Atlantic Line " " " 5 1/2

Moulded Depth as measured..... 22.3
Addition for Keel below base line for draught record..... 3/4 inches.

CORRECTION FOR LENGTH.
Length of Ship on Loadline..... 250
Length in Table 267
Difference 17
Correction for 10ft., Table A. 1.2 Table C.6
 \times Difference divided by 10 2.04 (if required.) 1.02
If $\frac{1}{10}$ ths length covered divide by 2 -2 -1

CORRECTION FOR IRON DECK.
Proportion covered, if less than $\frac{1}{10}$ ths length covered 43
Thickness of usual wood deck, less stringer 3 1/2
-1 1/2

CORRECTION FOR ROUND OF BEAM.
Breadth at Gunwale amidships..... 38.0
Round of Beam 9 1/2
Normal round..... 9 1/2
Difference $\div 2 =$
Proportion of Deck uncovered (Para. 19)

Freeboard, Table A 4.7
Correction for Sheer -4 1/2
4.2 1/2
Correction for Length -2
4.0 1/2
Allowance for Deck Erections -7 1/2
3.5
Correction for Round of Beam.....
Correction for fall in Sheer (if any).....
Correction for Iron Deck (if required) -1 1/2
3.3 1/2
Additions for non-compliance with provisions of {
Para. 11 (d) and (e) }
Other Corrections (if any)

Winter Freeboard 3.3 1/2
Summer Freeboard 3.0 1/4
Indian Summer Freeboard 2.9
N. A. Winter Freeboard 3.5 1/2

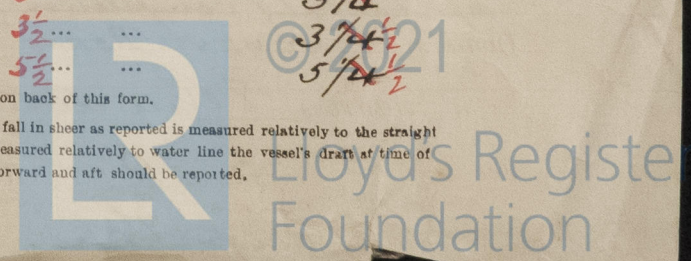
Correction necessary because clearside amidships, measured in accordance with the Statute is not taken at the intersection of the ~~steel~~ iron deck with side. 1 1/2

Winter Freeboard from deck line 3.5
Summer " " " 3.1 3/4
Indian Summer " " " 2.10 1/2
N. A. Winter " " " 3.7
3.1 3/4 1/2
5
3 1/4
3 1/4 1/2
5 1/4 1/2

the frames, skin planking, or ceiling are of unusual thickness the breadth of vessel to inside of ceiling should be reported if possible.
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 vessels having poops and forecastles, it means the sheer measured at the stem and stern-post. 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.

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.

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Alternate B Angle frames run to Poop Bridge & Forecastle with intermediate girders. Four B.A. frames at each end of Quarter Deck? 11b.
 Do all the Frames extend to the top height in the Poop? Bridge House? Forecastle?
 To what height do the Reverse Frames extend? *Bull Angle frames.*
 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 *In openings*
 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 *Hinged door secured by dogs for which bolts pass through bulk*
 What is the thickness of the Bridge Front plating? *.36* and Coaming plate? *.36*
 Give scantlings and spacing of the Stiffeners *Bull Angle 7x3x.50 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? *Channels riveted to bulkhead with sliding boards full height. also iron hinged door to it*
 Is the Forecastle at least as high as the main or top-gallant rail? *Yes* Has the Forecastle an efficient Iron 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*
 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 *Bridge B. Coaming .30 plating .25 Stiff. 3x2 1/2 x 25 @ 30"*
 What is the height of the exposed Casings? *7.3 above Bulk'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.*

Requirements of Section 28 of the Rules of 1901.										
Position and Size.			N ^o 1 22-1/4 x 14.0		N ^o 2 27-5/8 x 14.0		N ^o 3 22.5/4 x 14.0		N ^o 4 22.5/4 x 14.0	
Item.			Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
COAMING.	Height above top of DECK		36"	18"	Same as in No 1.		—————→			
	Thickness {	Sides.....	4/4	9/16						
		Ends.....	4/0	8/16						
WEB PLATES.	Number	Section and Scantlings	4	19/16.19	Same as in No 1		—————→			
			14" x 3x3x42	12 x 32						
			1/4" x 40	Angle						
			1/2" x 32	3x3x42						
Material			Steel	7664050						
* FORE AND AFTERS.	Number	Section and Scantlings	None		None		None		None.	
			Material							
HATCHES Thickness			3	2 1/2	Same as in No 1		—————→			
Remarks.....			Good							

* 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?

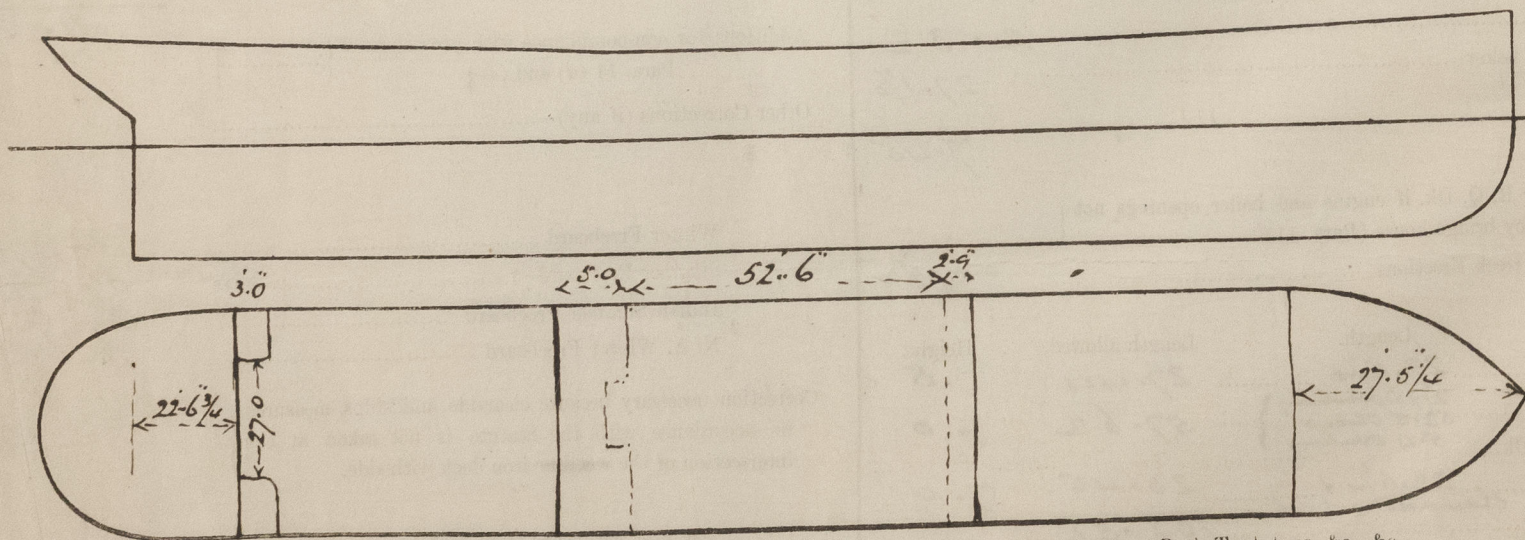
Delete the words { The Crew are, are not, berthed in the bridge house.
that do not apply { The arrangements to enable them to get backwards and forwards from their quarters are, are not satisfactory.

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				
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 report refers to a new vessel to 75 tons built by the Antwerp Engineering Co., Hoboken. The vessel has been built in accordance with the approved plans forwarded on the 8th instant. The vessel is now approaching completion.*
 Owners *ARMEMENT DEPPE*

Address *8 Rue de Bordeaux, Antwerp.*

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Received by me

*170 pages
Applied for 7/1/20.*



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