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Antwerp Engineering Co No 75.

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Index No. 27946
(For London Office only.)

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.-STEAM SHIPS.

PARTICULARS RELATING TO ALL STEAM SHIPS WITH TOP GALLANT FORECASTLES, SHORT POOPS AND BRIDGE HOUSES DISCONNECTED,

Port of Survey Antwerp
Date of Survey 1st half building lab date 5/11/20
Name of Surveyor J. Verbeet

Ship's Name

GIROUDE

Port of Registry and Nationality

Antwerp Belgium

Official Number

Gross Tonnage 1753.55 Date of Build 1920

Particulars of Classification

100 A.1. Class Contemplated

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>20.33</u>	<u>1547.51</u>
Length on LOADLINE.	<u>250</u>	Frame Depth ^{6 1/2} Rule <u>5</u>	Ceiling <u>19.74</u> Sheer <u>+4.48</u> <u>1 1/2 level tank</u> Depth to Tank <u>Tab. 20.08</u>	Peak Tanks <u>inclosed</u>
CORRECTED DIMENSIONS.	<u>250.00</u>	<u>38.00</u>	<u>20.56</u> <u>20.81</u>	<u>1547.51</u>

Moulded Depth as measured..... 22' 3" 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..... 3/4" inches

CORRECTION FOR LENGTH.

Length of Ship on Loadline.....	<u>250</u>
Length in Table	<u>267</u>
Difference	<u>17</u>
Correction for 10ft., Table A.	<u>1.2</u> Table C. <u>.6</u>
× Difference divided by 10	<u>2.04</u> (if required.) <u>1.02</u>
If 1/10ths length covered divide by 2	<u>-2</u> <u>-1</u>

CORRECTION FOR IRON DECK.

Proportion covered, if less than 1/10ths length covered43

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

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships..... 38

Round of Beam 9 1/2

Normal round..... 9 1/2

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.

Co-efficient of fineness..... 78.792

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

Co-efficient as corrected 76.77

Sheer { Stem..... 70 } 105 ÷ 2 = 52.5 Mean

at { Sternpost... 35 }

Sheer at 1/8 of the length from { Stem 38 1/2 } 57 1/4 ÷ 2 = 28.875 Mean

{ Sternpost 19 1/4 }

Gradual mean Sheer 52.5 52.49 ÷ 55 = 52.5

Standard mean Sheer [Table, Para. 18] 35.0 Correction

Difference..... 17.49 ÷ 4 = 4.37

If limited as Para. 18 (f) 27 1/4

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

from amidships { Para. 18 (e) [At after end of forecastle } ✓

Fall in Sheer { } ÷ 2 = ✓

Para. 18 (d) { } Correction

Deck uncovered { } ✓

ALLOWANCE FOR DECK ERECTIONS :-

Freeboard, Table C..... 1.09 1/4

Correction for Length, if required (Para. 12, 13, and 14) -1

Freeboard by Table A, corrected for sheer, and for length, if required (Para. 12, 13, and 14) } 4.0 1/2

Difference 2.3 1/4

Percentage as below..... 27.1

7.38.45

Freeboard, Table A	<u>4.6 1/2</u>
Correction for Sheer	<u>-4 1/2</u>
Correction for Length	<u>4.2 1/2</u>
Allowance for Deck Erections	<u>-2</u>
Correction for Round of Beam.....	<u>4.0 1/2</u>
Correction for fall in Sheer (if any).....	<u>-7 1/2</u>
Correction for Iron Deck (if required)	<u>3.4 1/2</u>
Additions for non-compliance with provisions of Para. 11 (d) and (e) †	<u>-1 1/2</u>
Other Corrections (if any)	<u>3.3 1/2</u>

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

Allowance for Deck Erections -7 1/2

	Length.	Length allowed.	Height.
Forecastle.....	<u>27.5 1/4</u>	<u>27.44</u>	<u>7.5</u>
Bridge House.....	<u>2.75 overhang</u>	<u>57.62</u>	<u>7.0</u>
↑ Raised Qr. Dk.....	<u>5.0 closed</u>		
Poop.....	<u>22.6 3/4</u>	<u>23.45</u>	<u>7.0</u>
Total	<u>5 side houses on back</u>		
Length of Ship	<u>108.51</u>	<u>250</u>	<u>= .43</u>
Corresponding percentage (Para. 14, 12, 13, or 14)	<u>27.1%</u>		

Winter Freeboard 3 - 3/2

Summer Freeboard 2 - 4 1/4 3.0 1/4

Indian Summer Freeboard 2.8 1/2 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 wood or iron deck with side. 1 1/2

Winter Freeboard from deck line 3.4 1/2 5

Summer " " " " 3.1 1/4 3/4

Indian Summer " " " " 2.10 1/2

N. A. Winter " " " " 3.6 1/2 7

FREEBOARD recommended amidships from centre of Disc to top of Statutory Deck Line, Wood (Iron) Deck :- 3" 1 1/2

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

Winter Freeboard from deck line 3.1 1/4 1/2

Summer " " " " 5

Indian Summer " " " " 3 1/4

N. A. Winter " " " " 3 1/4 1/2

† 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 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.

Do all the Frames extend to the top height in the Poop? *Alternat B. Angls frames run to Poop Bridge & Fore with intermediate hanging frames. 4 Bluff frames at each end of Bridge & Bridge House? Forecastle?*

To what height do the Reverse Frames extend? *Bull Angl frames*

Has the Poop ~~on 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 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 doors secured by dogs for which bolts pass through*

What is the thickness of the Bridge Front plating? *.36* and Coaming plate? *.36*

Give scantlings and spacing of the Stiffeners *Bull Angls 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 bulkheads with sliding board full height. also iron hinges down*

Is the Forecastle at least as high as the main or top-gallant rail? *Yes* Has the Forecastle an efficient Iron ~~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*

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 *Bridge Coaming 30 Plating 25 Stiff: 3x2 1/2 x 25 spaced 30"*

What is the height of the exposed Casings? *7'8" above bridge* 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.		No. 1 22-11 x 14-0 x		No. 2 27-5/4 x 14-0		No. 3 22-5/4 x 14-0		No. 4 22-5/4 x 14-0		No. 5	
Item.		Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
COAMING.	Height above top of DECK	36"	18"	36		36		36			
	Thickness	Sides.....	4/4	9/20	4/4	9/20	4/4	9/20	4/4	9/20	
		Ends.....	4/0	8/20	4/0	8/20	4/0	8/20	4/0	8/20	
SHIPPING BEAMS WEB PLATES.	Number	4	12x32	Same as in		Same as in		Same as in			
	Section and Scantlings	20" x 12" Plank 26"	12x32	No 1		No 1		No 1			
	Material	Steel 75 Galv. 50	3x32.12								
* FORE AND AFTERS.	Number	None		None		None		None			
	Section and Scantlings										
	Material										
HATCHES	Thickness	3"	2 1/2	3	2 1/2	3	2 1/2	3	2 1/2		
	Remarks.....	pro		pro		pro		pro			

* 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?*

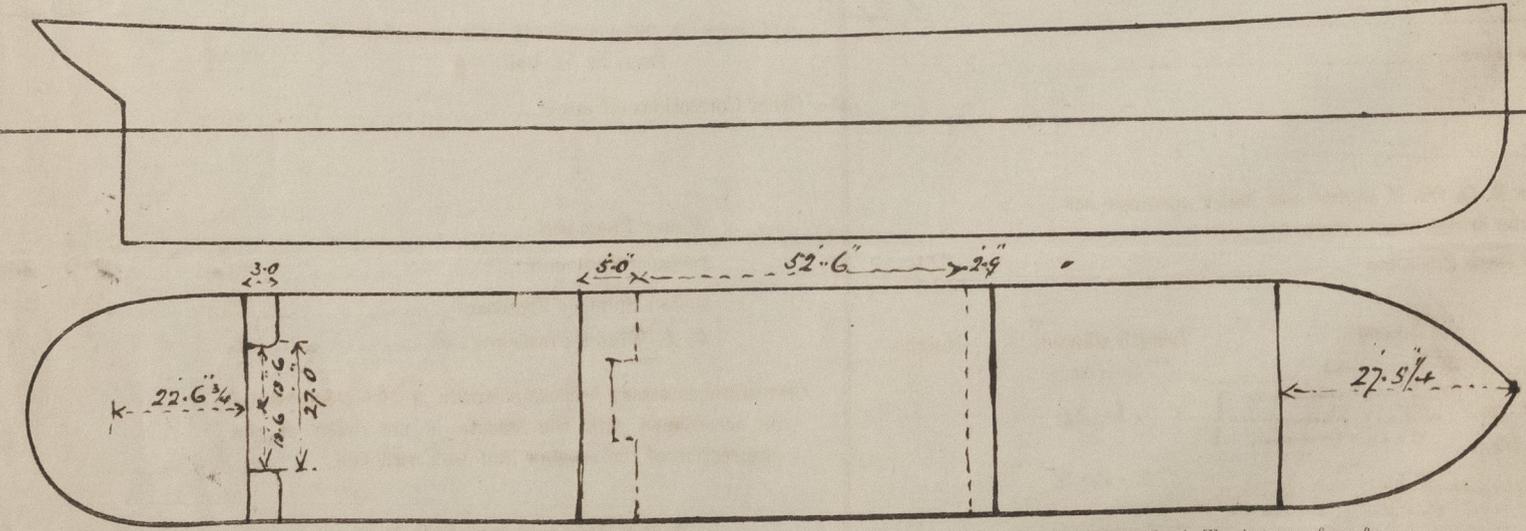
Delete the words *The Crew are, are not, berthed in the bridge house.*
 that do not apply *The arrangements to enable them to get backwards and forwards from their quarters are, are not satisfactory.*

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 = *Sq. ft.*
 (each side of vessel)

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 no 75 built the Antwerp Engineering Co Hoboken. The vessel has been built in accordance with the approved plans enclosed herewith. The vessel is now approaching completion*

Owners *ARMEMENT DEPPE.*
 Address *8 Rue de Bordeaux. Antwerp.*

Fee £ *3 3 0* Received by me *170 Davis. applied for 8/11/30*

