

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.—STEAM SHIPS.

24739

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 *Rotterdam*Date of Survey *Building*Name of Surveyor *L. Vuyk.*

Ship's Name.

"HEBE"

Port of Registry and Nationality.

Gravenhage Dutch

Gross Tonnage.

Date of Build.

Particulars of Classification.

100 A 1 contemplated.

Registered dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	<i>180.35</i>	<i>30.09</i>	<i>12.09</i>	<i>499.96</i>
Length on LOADLINE.	<i>180'0"</i>	Frame Depth <i>5"</i> Rule <i>3 1/2"</i> <i>as per plan</i> <i>1 1/2 x 2 = .25</i>	Ceiling <i>flat</i> Sheer <i>3/8"</i> <i>+ .23</i>	Peak Tanks } Included <i>B.B. tank</i> <i>ford = +9</i>
CORRECTED DIMENSIONS.	<i>180</i>	<i>29.84</i>	<i>12.49</i>	<i>508.96</i>

Moulded Depth as measured..... *13'0"**13'0" wood dk. less str. 3**12'0" Depth to use = 12'9"*

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

CORRECTION FOR LENGTH.

Length of Ship on Loadline.....	<i>180</i>
Length in Table	<i>153</i>
Difference	<i>27</i>
Correction for 10ft., Table A.	<i>.9</i>
× Difference divided by 10	<i>2.43</i> (if required.)
If $\frac{1}{10}$ ths length covered divide by 2	<i>+ 2 1/2</i>

CORRECTION FOR IRON DECK.

Proportion covered, if less than $\frac{1}{10}$ ths length covered	
Thickness of usual wood deck, less stringer	<i>3 1/2" - 1/2" = 3</i>
allowed in add. depth. ✓	

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships.....	
Round of Beam	<i>7 1/2" over 30'0" beam.</i>
Normal round.....	<i>7 1/2"</i>
Difference	<i>÷ 2 =</i>
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..... *.76*
Any modification necessary }
[Para. 4 (a) to (e)]* }
Co-efficient as corrected *.76*

Sheer { Stem..... *4'6 1/2"*
at { Sternpost... *2'0"* } *6'6 1/2" ÷ 2 = 3'2 1/4"* Mean
Sheer at $\frac{1}{3}$ of the length from { Stem *2'3 3/4"*
Sternpost... *1'0 1/4"* } *3'4" ÷ 2 = 1'7"* Mean
Gradual mean Sheer *36.36* = *36.36*
Standard mean Sheer [Table, Para. 18] *28* Correction
Difference..... *8.36 ÷ 4 = - 2*
§ If limited as Para. 18 (f).....

Rise in Sheer { At front of bridge house.....
from amidships {
[Para. 18 (e)] { At after end of forecastle *2'4 1/4"*

Fall in Sheer {
Para. 18 (d) } *÷ 2 =*
Length uncovered ✓ Correction

ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C.....	<i>4 3/4</i>
Correction for Length, if required (Para. 12, 13, and 14)	<i>+ 1 1/4</i>
Freeboard by Table A, corrected for sheer, and for length, if required (Para. 12, 13, and 14)	<i>1 - 11 3/4</i>
Difference	<i>1 - 5 3/4</i>
Percentage as below.....	<i>20.9</i>

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) }
Allowance for Deck Erections *- 3 3/4*

	Length.	Length allowed.	Height.
Forecastle.....	<i>22.5</i>	<i>inclusive 1'9" overhang</i>	<i>7.00</i>
Deck Bridge House.....	<i>25.0</i>	<i>22.5"</i>	<i>7.50</i>
+ Raised Qr. Dk.....			
Deck Poop House.....	<i>38.5</i>	<i>38.5</i>	<i>7.30</i>
Total		<i>61.0</i>	
Length of Ship		<i>180 = .338</i>	
Corresponding percentage } (Para. 11, 12, 13, or 14) }	<i>20.9</i>		

FREEBOARD recommended amidships from centre of Disc to top of Statutory Deck Line, (Iron) Deck:—

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

Freeboard, Table A	<i>1 - 11 1/4</i>
Correction for Sheer	<i>- 2</i>
Correction for Length	<i>+ 2 1/2</i>
Allowance for Deck Erections	<i>- 3 3/4</i>
Correction for Round of Beam.....	<i>✓</i>
Correction for fall in Sheer (if any).....	<i>✓</i>
Correction for Iron Deck (if required)	<i>✓</i>
Additions for non-compliance with provisions of } Para. 11 (d) and (e) ‡ }	<i>✓</i>
Other Corrections (if any)	

Winter Freeboard	<i>1 - 8</i>
Summer Freeboard	<i>1 - 6 3/4</i>
Indian Summer Freeboard	<i>1 - 5 1/2</i>
N. A. Winter Freeboard	<i>1 - 10</i>
Correction necessary because clearside amidships, measured in accordance with the Statute is not taken at the intersection of the water or iron deck with side.	<i>1 1/2</i>

Winter Freeboard from deck line	<i>1 - 9 1/4</i>
Summer " " " "	<i>1 - 8</i>
Indian Summer " " " "	<i>1 - 6 3/4</i>
N. A. Winter " " " "	<i>1 - 11 1/4</i>

Winter Freeboard from deck line

Summer " " " "

Indian Summer " " " "

N. A. Winter " " " "

Winter Freeboard from deck line

Summer " " " "



Indian Summer " " " "

N. A. Winter " " " "

⊙ 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.

Do all the Frames extend to the top height in the ^{after deckhouse} Poop? *Yes* Raised Quarter Deck? ☒ Bridge House? ☒ Forecastle? *Yes*
 To what height do the Reverse Frames extend? *single angle frames all fore and aft.*
 Has the ^{after deckhouse} 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 *steel hinged doors, 18" coamings.*
 Is the Poop or Raised Quarter Deck connected with the Bridge House? ☒ Has the Bridge House an efficient Bulkhead at the fore end? ☒
 Give particulars of the means for closing the openings in Bulkhead *steel hinged doors 18" coamings*
 What is the thickness of the Bridge Front plating? ☒ and Coaming plate? ☒
 Give scantlings and spacing of the Stiffeners *5 x 3 x .38 angle @ 24"*
 Are bracket plates fitted at each end of the Stiffeners? ☒ Are hor'l. brackets fitted connecting Bridge Bulk'd. with Bulwarks? ☒
 Has the Bridge House an efficient Iron Bulkhead at the after end? *Yes*
 How are the openings closed? *wood doors*
 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 steel afterdeckhouse*
 If the openings are not so protected are the exposed parts of the Casings efficiently constructed? *Motorroom skylight above deckhouse*
 Give thickness of plating; scantlings and spacing of Stiffeners ☒
 What is the height of the exposed Casings? *height of deckhouse 7'4" see below.* 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:— *steel hatches above fore and afterholds and closed by steel screwed covers.*

Position and Size.		14'8" x 12'0		14'8 x 12'0"							
Item.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	
COAMING.	Height above top of DECK	18"	18"	18"	18"						
	Thickness {	Sides.....	.46	.46	.46	.46					
		Ends.....	.40	.40	.40	.40					
SHIFTING BEAMS OR WEB PLATES.	Number	one	one								
	Section and Scantlings	 16 x .34 angles	 16 x .34 angles								
	Material	3 x 3 x .40	3 x 3 x .40								
* FORE AND AFTERS.	Number	see further special plan									
	Section and Scantlings	of Hatchways submitted									
	Material	with report. —									
HATCHES Thickness		Hatch covers bolted on top angle bar of coamings.									
Remarks.....		Hatches 9'0" x 9'0" with hinged steel covers fitted on top of same. —									

* 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. *afterdeckhouse in forecabin*
that do not apply { The arrangements to enable them to get backwards and forwards from their quarters are, ~~are not satisfactory~~. *over deck.*

Length of Bulwarks in well *plate bulwark in way of middle deckhouse*

Area of Freeing Ports required by Para. 11 (e) each side of vessel =

Sq. ft. *open.*

Ft. Tenths. Ft. Tenths. No.

x

x

Freeing Ports (each side of vessel) =

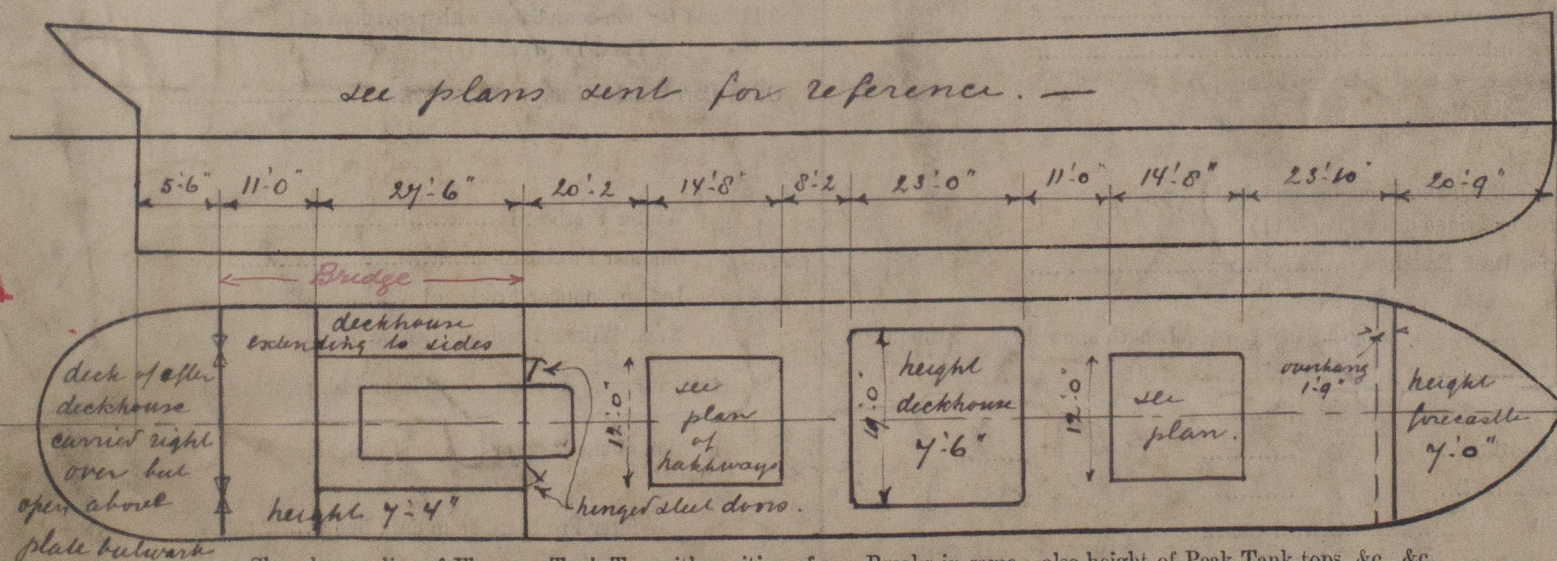
Sq. ft.

x

x

Total deficiency or excess =

Sq. ft.

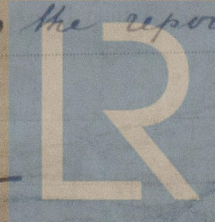


Show hereon line of Floors or Tank Top with position of any Breaks in same; also height of Peak Tank tops, &c., &c.

State any special features in the construction of the Vessel *The vessel will be completed at Amsterdam when she will receive her Machinery. She has otherwise been built in accordance with the plans forwarded herewith. Application form attached to the report.*
 Owners *Nederl. Indische Tankstoomv. Maats.*

Address *Gravenhage*

Fee £ *25.60* will be Received by me *R. Vuyk.*



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