

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.—STEAM SHIPS.

Index No. **32194**
(For London Office only.)

1543

PARTICULARS RELATING TO ALL STEAM SHIPS EITHER FLUSH DECKED, OR WITH 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 St. Nazaire
Date of Survey during construction
Name of Surveyor R. Webster

Ship's Name.	Port of Registry and Nationality.	Official Number.	Gross Tonnage.	Date of Build.	Particulars of Classification.
VERAIRE	TONSBERG. NORWEGIAN		6455.14	1927.	4100A1. with freeboard contemplated

Registered Length from Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	452.8	60.2*	28.0'	5733.68
	<i>Norwegian measurements.</i>			
	450.92	Frame Depth 10" Rule 6"	Ceiling fitted Sheer 4.76	Peak (included) Tanks
		x2 = -58 3/8" Spanning fitted	level tank	
	450.92	59.62	28.76	5733.68

Moulded Depth as measured $30.62' = 30'-7\frac{1}{2}"$
Addition for Keel below base line for draught record... $1\frac{1}{16}$ inches.

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... 450.92'
Length in Table 367.5
Difference 83.42
Correction for 10ft., Table A. 1.525 Table C. ✓
× Difference divided by 10 12.72 (if required.)
If $\frac{1}{10}$ ths length covered divide by 2 6.36 + 6 1/4" ✓

CORRECTION FOR IRON DECK.

Proportion covered, if less than $\frac{1}{10}$ ths length covered ✓
Thickness of usual wood deck, less stringer 3 1/2" $-3 1/2"$ ✓

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships... 60.0'
Round of Beam 14"
Normal round..... 15"
Difference 1 ÷ 2 =5
Proportion of Deck uncovered (Para. 19)006 ✓

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

Mean Sheer 7.42
Correction necessary for (a) to (e)* } C.D.B.
Mean Sheer as corrected72 ✓

Mean Sheer 114 } $165 \div 2 = 82.5$... Mean 36 | 27.40
Sternpost ... 51 }
Mean Sheer from Stem 61.0 } $90.75 \div 2 = 45.37$... Mean 82.49
Sternpost 29.75 } $55 = 82.49$
Mean Sheer [Table, Para. 18] 55.09 Correction 82.5
Difference..... 27.40 ÷ 4 = 6.85
Mean Sheer as Para. 18 (f) 49 $-6 3/4"$ ✓

Sheer (At front of bridge house) ✓
At after end of forecastle ✓
Sheer (d) } ÷ 2 =
Correction

ALLOWANCE FOR DECK ERECTIONS :—

Table C..... 4'-6"
Correction for Length, if required (Para. 12, 13, and 14) ✓
Correction by Table A. corrected for sheer, and for length, if required (Para. 12, 13, and 14) } 7'-0 1/4"
Correction below..... 2'-6 1/4"
Total 94.46%
28.58

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) ✓
Correction for Deck Erections 28 1/2"

Length.	Length allowed.	Height.
<u>45.5'</u>		<u>7.5</u>
<u>401.43</u>	<u>401.43</u>	
<u>4.46</u>		
<u>45.03</u>		
<u>44.12</u>	<u>44.57</u>	<u>8.0</u>
	<u>446.00</u>	
	<u>+ 2.46 = 1/2 diff.</u>	
	<u>448.46</u>	
	<u>450.92</u>	<u>.9946</u>

RD recommended amidships from centre of Disc to top of Statutory Deck Line, Wood (Steel) Deck :—

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

Freeboard, Table A 7'-7"
Correction for Sheer - 6 3/4"
Correction for Length + 6 1/4"
Allowance for Deck Erections - 2'-4 1/2"
Correction for Round of Beam..... 5'-2"
Correction for fall in Sheer (if any).....
Correction for Steel Deck (if required) - 3 1/2"
Additions for non-compliance with provisions of Para. 11 (d) and (e) †
Other Corrections (if any)

Winter Freeboard 4'-10 1/2"
Summer Freeboard 4'-4 1/2"
Indian Summer Freeboard 3'-10 1/2"
N. A. Winter Freeboard ✓
Correction necessary because clearside amidships, measured in accordance with the Statute is not taken at the intersection of the wood or steel deck with side. } 1 3/4"

Winter Freeboard from deck line 5'-0 1/4"
Summer " " " " 4'-6 1/4"
Indian Summer " " " " 4'-0 1/4"
N. A. Winter " " " " ✓
MARKING FORM
RECEIVED 15 DEC 1927

† 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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4'-4" from top of stringers please be corrected by 12.27

Do all the Frames extend to the top height in the Poop? *Yes* - Raised Quarter Deck? Bridge House? Forecastle?

To what height do the Reverse Frames extend? *channel 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 *2 Oak hinged doors 5'-6" x 2'-1"*

Is the Poop or Raised Quarter Deck connected with the Bridge House? *No* - Has the Bridge House an efficient Bulkhead at the fore end?

Give particulars of the means for closing the openings in Bulkhead

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

Give scantlings and spacing of the Stiffeners

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?

How are the openings closed?

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?

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 *.26" O.A.S. 3 x 3 x .35 @ 32 1/2"*

What is the height of the exposed Casings? *3 3/4" above Eng'g 40*. 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*

Position and Size.	No 1: 31.42' x 18'		No 2: 34.85' x 18'		No 3: 34.85' x 18'		No 4: 34.9' x 18'		No 5: 34	
	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
COAMING.	Height above top of DECK	36-39"	36-39"		36-39"		36-39"		36-39"	
	Thickness	Sides	.50	.50	.50		.50		.50	
		Ends	.45	.45	.45		.40		.45	
SHIFTING BEAMS OR WEB PLATES.	Number	Six	Seven	Seven		Seven		Seven		
	Section and Scantlings	1 1/2" x 8" x 38. plati	1 1/2" x 6" x 36"	do		do		do		
	Material	4 Angles 4 x 3 x .44 Steel	4 x 3 1/2 x .46 Steel	do		do		do		
* FORE AND AFTERS.	Number	None	None	do		do		do		
	Section and Scantlings									
	Material									
HATCHES Thickness	2 1/2 W.W.	2 1/2 W.W.	do		do		do		do	
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

What is the thickness of the Bridge Sheerstrake? _____ Strake between Main and Bridge Sheerstrakes? _____

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

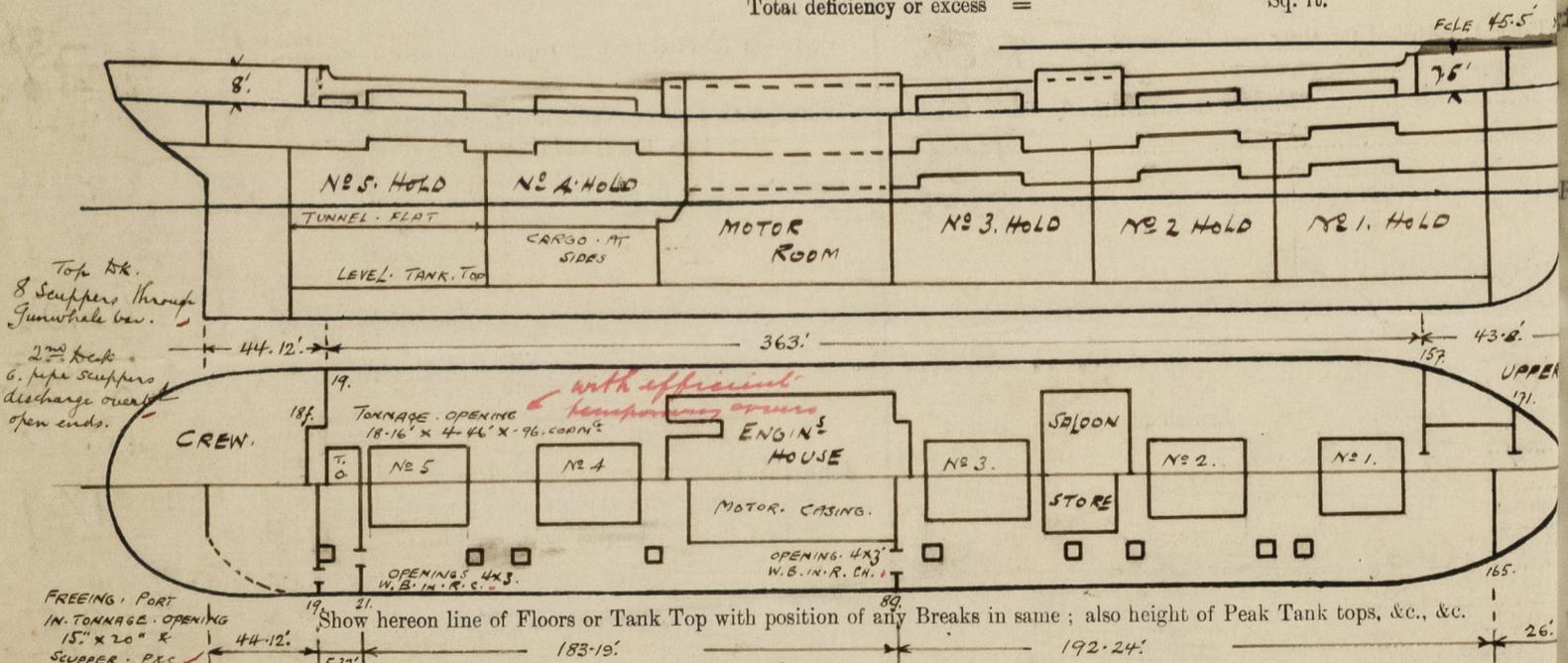
Length of Bulwarks in well *363' x 3.33*.

Area of Freeing Ports required by Para. 11 (e) each side of vessel = ~~72~~ Sq. ft.

Ft. Tenths. Ft. Tenths. No. } Freeing Ports (each side of vessel) = 65. Sq. ft. *As approved*

3.3 x 1.92 x 13.

Total deficiency or excess = _____ Sq. ft.



State any special features in the construction of the Vessel *None*

Builder's name and yard number *Societe Anonyme des Chantiers Ateliers de St. Nazaire*

Names of sister vessels *None*

Owners *Messrs. Wich, Wilhelmssen*

Address *Oslo.*

Fee £ _____ Received by me *Will be charged with first entry*



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