

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.—STEAM SHIPS.

31766

3115-3
GOVERNMENT COPY WRITTEN

PARTICULARS RELATING TO ALL STEAM SHIPS EITHER FLUSH DECKED, OR WITH
OF PLANT 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 *J. Heubman*

Ship's Name
Twin Screw Steamer
MARTICA
Number in Register Book

Port of Registry and Nationality
Dutch
Official Number
102

Gross Tonnage
?
Date of Build.
1925

Particulars of Classification
100 A1 Comtemplated (with Deck)

Registered dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	<i>305,0</i>	<i>50,29</i>	<i>15,146</i>	<i>1798,62</i>

Length on LOADLINE.	Frame Depth	Ceiling	Peak	Under Deck Tonnage
<i>305'-0"</i>	<i>10'-5"</i>	<i>4'-20"</i>	<i>4'-20"</i>	<i>1826.62</i>

Co-efficient of fineness..... *.83*
 Any modification necessary }
 [Para. 4 (a) to (e)]* }
 Co-efficient as corrected *.82* *Height in Tables*

Sheer { Stem..... *24* } *38 ÷ 2 = 19*... Mean
 at { Sternpost *14* }
 Sheer at $\frac{1}{3}$ of the length from { Stem *3 1/2"* } *3.75 ÷ 2 = 1.87*... Mean
 Sternpost *14* }
 Gradual mean Sheer *Platted 6.62 ÷ 55 = 3.41*
 Standard mean Sheer [Table, Para. 18] *40.50* Correction
 Difference..... *38.88 ÷ 4 = 8.47*
 § If limited as Para. 18 (f) *+ 8 1/2"*

Rise in Sheer { At front of bridge house..... }
 from amidships { }
 [Para. 18 (e)] { At after end of forecastle..... }
 Fall in Sheer }
 Para. 18 (d) } *✓ ÷ 2 = 1*
 Length uncovered Correction

ALLOWANCE FOR DECK ERECTIONS :—
 Freeboard, Table C..... *0.. 7/2*
 Correction for Length, if required (Para. 12, 13, and 14)
 Freeboard by Table A, corrected for sheer, and for length, }
 if required (Para. 12, 13, and 14) } *8 - 3/2*
 Difference *2.. 8*
 Percentage as below..... *51.9*
16.60

	Length.	Length allowed.	Height.
Forecastle.....	<i>28.64</i>	<i>28.52</i>	<i>7-6</i>
Bridge House.....	<i>129.10</i>	<i>129.10</i>	<i>6-3 1/2</i>
† Raised Qr. Dk.....	<i>106.74</i>	<i>102.70</i>	<i>6-3 1/2</i>
Poop.....	<i>58.27</i>	<i>88.27</i>	
Total		<i>219.49</i>	<i>= .719</i>
Length of Ship		<i>305.0</i>	

Corresponding percentage }
 (Para. 11, 12, 13, or 14) } *51.9%*
FREEBOARD 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 " " "

Moulded Depth as measured..... *15'-0"*
 Addition for Keel below base line for draught record..... *1.22* inches. *Keelplate + A shake*

CORRECTION FOR LENGTH.
 Length of Ship on Loadline..... *305'-0"*
 Length in Table *180.0*
 Difference *125.0*
 Correction for 10ft., Table A. *1.0* Table C.
 × Difference divided by 10 *12.5* (if required.)
 If $\frac{1}{10}$ ths length covered divide by 2 *6.25*
+ 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 *- 3/2"*

CORRECTION FOR ROUND OF BEAM.
 Breadth at Gunwale amidships..... *50.0*
 Round of Beam *12.2*
 Normal round..... *12.2*
 Difference *✓ ÷ 2 =*
 Proportion of Deck uncovered (Para. 19) *✓*

Freeboard, Table A *2.. 7*
 Correction for Sheer *+ 8 1/2*
3.. 3 1/2
 Correction for Length *+ 6 1/4*
3.. 9 3/4
 Allowance for Deck Erections *- 1.. 4 1/2*
2.. 5 1/4

Correction for Round of Beam.....
 Correction for fall in Sheer (if any).....
 Correction for Steel Deck (if required) *- 3/2*
2.. 1 1/4
 Additions for non-compliance with provisions of }
 Para. 11 (d) and (e) }
 Other Corrections (if any) *Addition for curblings + 2-0*
to correspond to approved Mtd. draught of 11.0 4.. 1 1/2

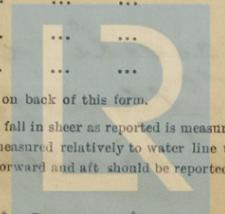
Winter Freeboard *4.. 1 3/4*
 Summer Freeboard *1 1/2* *4.. 0 1/4*
 Indian Summer Freeboard
 N. A. Winter Freeboard

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 *4.. 3 1/2*
 Summer " " " *4.. 2*
 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.

10 JUL 1925

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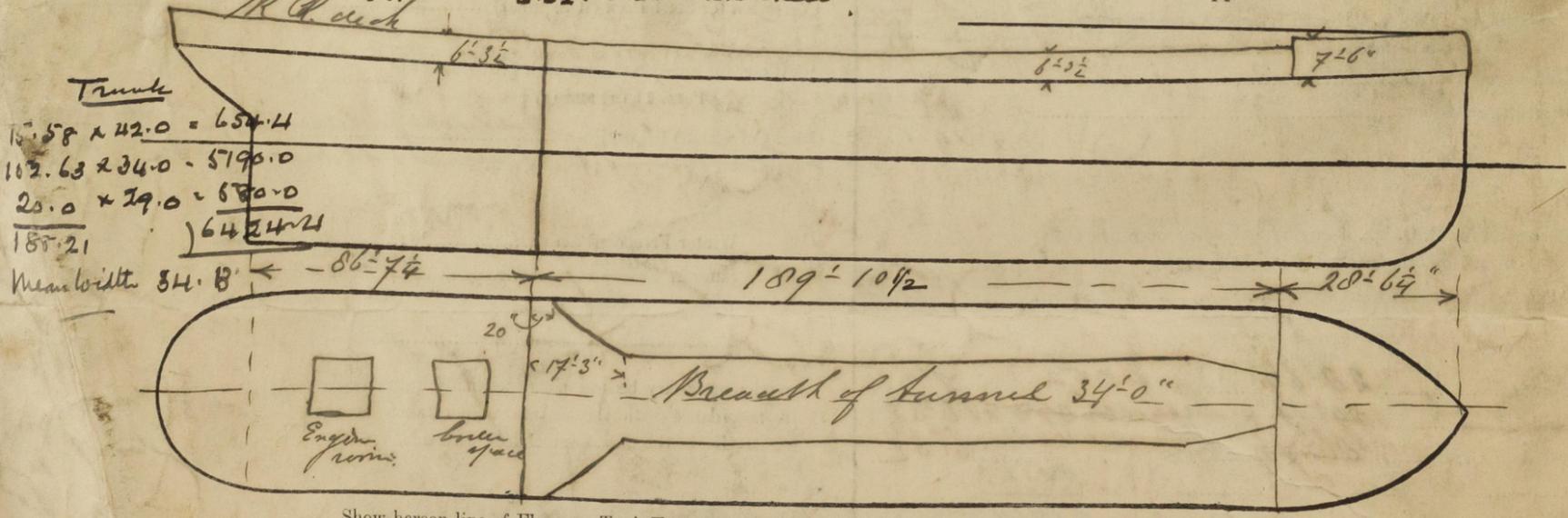
Do all the Frames extend to the top height in the Poop? Raised Quarter Deck? *Yes as per plan* Bridge House? Forecastle? *Yes as per plan*
 To what height do the Reverse Frames extend?
 Has the Poop or Raised Quarter Deck an efficient Iron Bulkhead at the fore end? *Yes as per plan*
 Give particulars of the means for closing the openings in Bulkhead
 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
 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? *Yes as per plan*
 Are the Engine and Boiler openings covered by a Bridge, Poop, Raised Quarter Deck, or enclosed by a Strong Iron or Steel Deckhouse? *Enclosed by a strong casing and deckhouses at side*
 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. *.30" stiffeners 3x3x.30 2'*
 What is the height of the exposed Casings? *7'-6"* Are suitable means provided for closing all openings in them in bad weather? *Steel doors all hatches kept above all compartments and above forehold and closed with steel screwed doors.*
 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:—

Position and Size.		Ship.	Rule.								
COAMING.	Height above top of DECK										
	Thickness { Sides..... Ends.....										
SHIFTING BEAMS OR WEB PLATES.	Number										
	Section and Scantlings										
	Material										
* FORE AND AFTERS.	Number										
	Section and Scantlings										
	Material										
HATCHES Thickness											
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. *forecastle*
 that do not apply } The arrangements to enable them to get backwards and forwards from their quarters are, are not satisfactory. *one bunk with rail.*
 Length of Bulwarks in well
 Area of Freeing Ports required by Para. 11 (e) each side of vessel = Sq. ft. *open rail.*
 Ft. Tenths. Ft. Tenths. No. } Freeing Ports = Sq. ft. (each side of vessel)
 Total deficiency or excess = Sq. ft. *589 8/53.0 6.62. mean bulwark*



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 has been built in accordance with the approved plans which are retained in your office.*
 Builder's name and yard number *Rotterdam Drydock Corp. Yard N° 102.*
 Names of sister vessels *Martina; Marskella; Manuella; Julieta; Mariana etc.*
 Owners *Curacaose Schipvaart Maatschappij*
 " Address *Willemstad* (Application form will be sent afterwards.)
 Fee *96.00* Received by me

