

Rpt. 11b.

31835

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(For London Office only.)

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.—STEAM SHIPS.

23 SEP 1926

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. <i>Twin Screw Steamer MATILDE</i>	Port of Registry and Nationality. Dutch Willemstad	Official Number. 140	Gross Tonnage. 2600.81	Date of Build. 1926	Particulars of Classification. + 100 A1 (contemplated.) with freeboard
Registered dimensions from ship's Register.	Length. 305.0	Breadth. 50.36	Depth. 15.15	Under Deck Tonnage. 1713.69	Moulded Depth as measured. 15' 0"
Length on Loadline.	305' 0"	Frame Depth 10' 0" Rule 5' 0" + 20' 0" - .83' 0"	Ceiling 5' 0" Sheer 1' 0" - .94' 0"	Peak Tanks Included.	Addition for Keel below base line for draught record 1.22 inches. Keel plate & A shank
Corrected Dimensions.	305.0	49.86	14.41	1741.69	
Co-efficient of fineness.....		79.5			
Any modification necessary [Para. 4 (a) to (e)]*		Bottom longitudinals			
Co-efficient as corrected		81			
Sheer { Stem 24" at Sternpost ... 14" } 38 ÷ 2 = 19 ... Mean			36 33.88		
Sheer at $\frac{1}{2}$ of the length from { Stem 3 1/2" Sternpost 1/4" } 375 ÷ 2 = 187 ... Mean					
Gradual mean Sheer 7.075		6.62			
Standard mean Sheer [Table, Para. 18] 40.50		Correction			
Difference 33.88 ÷ 4 = 8.47					
§ If limited as Para. 18 (f)		+ 8 1/2			
From frames No 20 to 120 straight..					
Rise in Sheer { At front of bridge house. from amidships { At after end of forecastle }					
Fall in Sheer { Para. 18 (d) } ÷ 2 =					
Length uncovered				Correction	
ALLOWANCE FOR DECK ERECTIONS:					
Freeboard, Table C.....		0' 7 1/2"			
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)		3' 3 1/4"			
Difference		2' 7 3/4"			
Percentage as below.....		51.8%			
		16.44			
Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) }					
Allowance for Deck Erections		16 1/2			
Length.	Length allowed.	Height.			
Forecastle..... 28.52	28.52	7.5			
Bridge House 102.9 (breadth) 188.21 (side beam) 86.60 (poop) 88.27 Total 305.0	102.13	6.3			
+ Raised Qr. Dk.....		6.3			
Poop.....	86.60	4			
Total	218.92	7.18			
Length of Ship	305.0				
Corresponding percentage (Para. 11, 12, 13, or 14) }	51.8%				
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	" "	...	...	...

* If the frames, skin planking, or ceiling are of unusual thickness the breadth of vessel to inside of ceiling should be reported as 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 marked.

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Do all the Frames extend to the top height in the Poop ?

Raised Quarter Deck ? Yes

Bridge House ?

Forecastle ? Yes

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 ?

{ Yes and enclosed by a strong casing and deckhouses at sides

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 3 x 3 x .30 - 2' 6" apart.

What is the height of the exposed Casings ? 7' 6"

Are suitable means provided for closing all openings in them in bad weather ? Shutters

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 :—

{ all hatches steel above oil compartments are above forecastle and closed with steel screw covers.

Position and Size.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
COAMING Thickness { Sides..... Ends.....										
SHIFTING BEAMS OR WEB PLATES. { Number Section and Scantlings Material										
* FORE AND AFTERS. { Number Section and Scantlings Material										
HATCHES Thickness										
Remarks.....										

Sheer

F 24.0 24.6 scupper on each side * The depth of Fore and Afters should be stated from the underside of the hatches in all cases.
1/8 3.5 4 14.0 (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.

Length of Bulwarks in well open railing.

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

Ft. Tenths. Ft. Tenths. No.

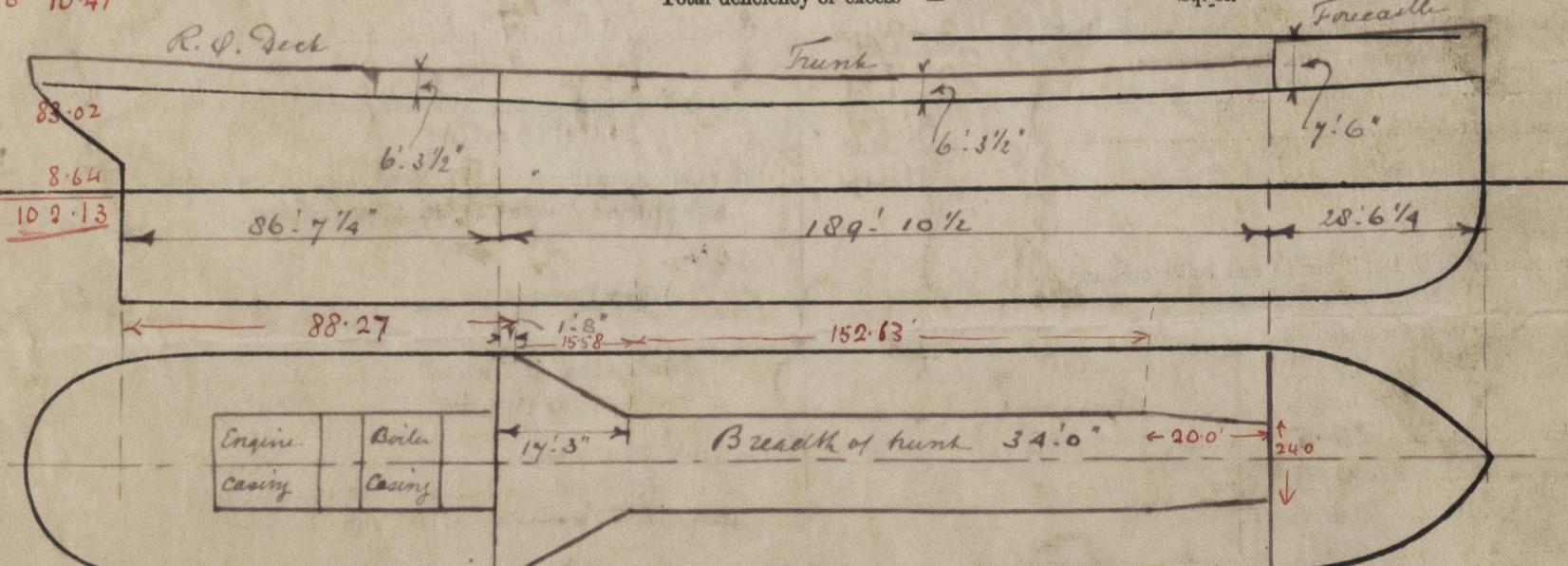
x x } Freeing Ports = Sq. ft.
No freeing ports. — x }

Total deficiency or excess = Sq. ft.

15.58 x $\frac{50+34}{2 \times 50} \times 8 = 10.47$
parallel portion

152.63 x $\frac{34}{50} \times 8 = 83.02$

Fore portion 20 x $\frac{34+20}{2 \times 50} \times 8 = 8.64$
allowed 10.2.13



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 being retained in your office.—
Builder's name and yard number Scheepswerf Maatschappij Nieuw Waterweg yardnumber 140.—

Names of sister vessels "Martina"; "Marsella"; "Manuela"; "Julietta"; "Felipe"; "Maximilia" etc.

Owners Caracaosche Scheepvaart Maatschappij

" Address Willemstad.

Fee f 96.00 will be Received by me

Applying for a renewal to this report.
Please see S. R. R.

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