

pt. 1153.
31154.
COPY
GOVERNMENT
MAINTEN.

Index No. 31422
(For London Office only.)

11 SEP 1924

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.-STEAM SHIPS.

PARTICULARS RELATING TO ALL STEAM SHIPS EITHER FLUSH DECKED, OR WITH 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. C. Heuvela

Ship's Name Twin Screw Steamer MANUELA
Number in Register Book
Port of Registry and Nationality. Dutch Curacao.
Official Number. 95

Gross Tonnage. ?
Date of Build. 1924
Particulars of Classification. +100 A1 Contemplated with freeboard, Carrying Petroleum in bulk.

Registered dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	<u>305.0</u>	<u>50.29</u>	<u>15.146</u>	<u>1798.69</u>
Length on LOADLINE.	<u>305.0</u>	Frame Depth 10 Rule <u>5</u> <u>-83</u> <u>no sheering +33</u>	Ceiling <u>+20</u> Sheer <u>not fitted</u>	Peak Tanks <u>include</u> <u>brd. floors fwd.</u> <u>draft +20 tons.</u>
CORRECTED DIMENSIONS.	<u>305.0</u>	<u>49.79</u>	<u>14.406</u>	<u>1824.18</u>

Moulded Depth as measured.....15.0
Addition for Keel below base line for draught record. 1.22 inches. Keel plate + A stake

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

Co-efficient of fineness.....83
Any modification necessary {
[Para. 4 (a) to (e)]*
Co-efficient as corrected82 Highest in tables.

CORRECTION FOR LENGTH.
Length of Ship on Loadline.....305.0
Length in Table180.0
Difference125.0
Correction for 10ft., Table A.1.0 Table C.
× Difference divided by 1012.5 (if required.)
If $\frac{1}{10}$ ths length covered divide by 2 6.25 +6 1/4

Sheer { Stem.....24 } 38 ÷ 2 = 19 ...Mean
at { Sternpost ..14 }
Sheer at $\frac{1}{2}$ of the length from { Stem 3 1/2 } 375 ÷ 2 = 187 ...Mean
{ Sternpost 14 }
Gradual mean Sheer6.62
Standard mean Sheer [Table, Para. 18]40.5 Correction
Difference.....33.88 ÷ 4 = 8.47
§ If limited as Para. 18 (f)+8 1/2

CORRECTION FOR IRON DECK.
Proportion covered, if less than $\frac{1}{10}$ ths length covered-
Thickness of usual wood deck, less stringer3 1/2 -3 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 =
Length uncovered Correction

CORRECTION FOR ROUND OF BEAM.
Breadth at Gunwale amidships.....50.0
Round of Beam12 1/2
Normal round.....12 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.

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 1/2
Difference2-8
Percentage as below.....51.9
16.60
Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) }
Allowance for Deck Erections-1-4 1/2

Freeboard, Table A2-7
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 Iron Deck (if required)- 3 1/2
2-13 1/4
Additions for non-compliance with provisions of Para. 11 (d) and (e) }
Other Corrections (if any) for scantlings and class +2-0
to correspond to approved draught of 11-0 mld. 4-13 1/4

Length. Length allowed. Height.
Forecastle.....28-6 1/2 = 28.52 7-6
Bridge House Trunk + 89-10 + beam 34-0 188-21 34-0
34-0 50 *.8 = 102-70 6-3 1/2
† Raised Qr. Dk.....88-27 88.27 6-3 1/2
Poop.....
Total219.49 = 719
Length of Ship305
Corresponding percentage {
(Para. 11, 12, 13, or 14) } 51.9%

Winter Freeboard4-13 1/4
Summer Freeboard4-0 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 1/4

FREEBOARD recommended amidships from centre of Disc to top of Statutory Deck Line, ~~Wood~~ (Steel) Deck :—
Fresh Water Line above centre of Disc3
~~Indian Summer Line~~✓
Winter Line below1 1/2
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 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.

© 2020
Lloyd's Register
MARKING FORM
RECEIVED 1 OCT 1924

004019-004028-0262

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

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 deckhouse 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 *50 Stiffeners 3x3x.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? *Not done.*

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 and above fuel tanks and closed with steel screw covers*

Position and Size.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
Item.										
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. *over trunk with rail*

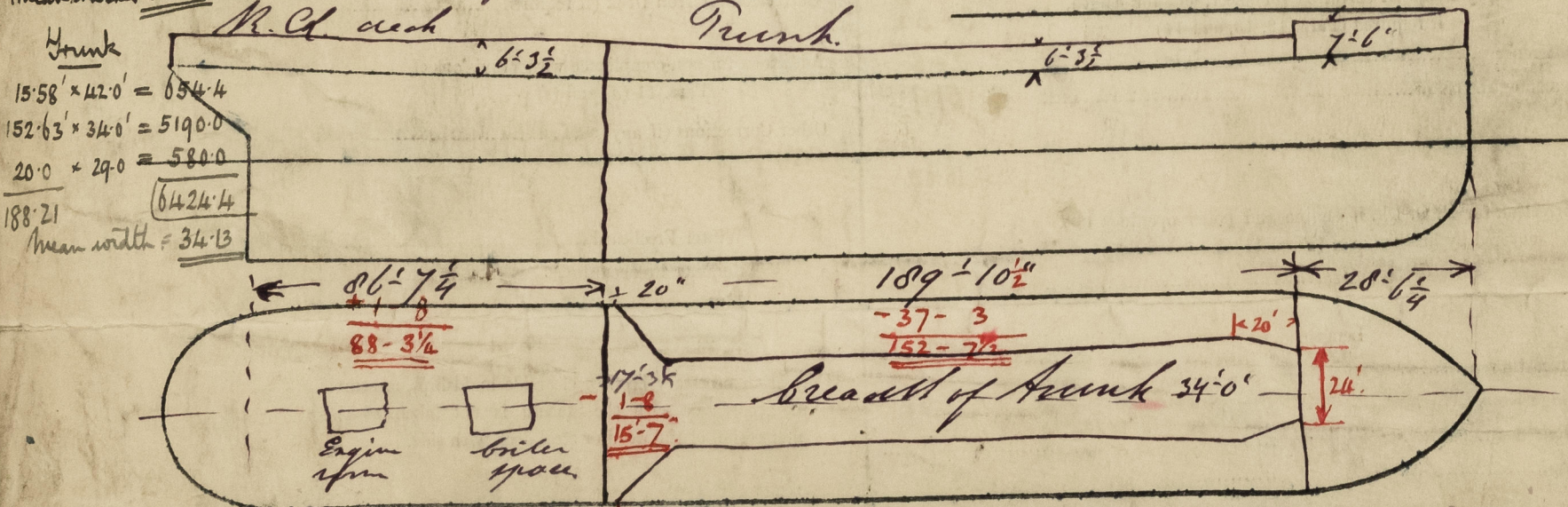
Length of Bulwarks in well *open rail*

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

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

Total deficiency or excess = Sq. ft.

no freeing ports



Show hereon line of Floors of 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: 95*

Names of sister vessels *S. Martina, Julieta and Marsella.*

Owners *Curacaoische Scheepvaart Maatschappij*

Address *Willemstad*

Fee *96.00* will be Received by me *Application from sent herewith*

© 2020

Lloyd's Register Foundation