

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.—STEAM SHIPS.

29200

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 Brooklyn N.Y.
 Date of Survey While Building
 Name of Surveyor John Robson

Ship's Name "MANUEL RIONDA" Port of Registry and Nationality New York U.S.A. Official Number ✓ Gross Tonnage 1375 Date of Build 1920 Particulars of Classification +100 A1 Carrying Petroleum Bulk Longitudinal Framing

REGISTERED DIMENSIONS	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
Registered from Register.	<u>210</u>	<u>44.1</u>	<u>13.6</u>	<u>1014.94</u>
Length on LOADLINE.	<u>210</u>	Frame Depth <u>7.6</u> Rule <u>4.5</u> <u>3.1</u>	Ceiling <u>+30</u> Sheer <u>-50</u>	Peak <u>✓</u> Tanks <u>✓</u>
CORRECTED DIMENSIONS.	<u>210</u>	<u>43.91</u>	<u>13.3</u>	<u>1014.94</u>

Co-efficient of fineness .82
 Any modification necessary [Para. 4 (a) to (e)]* ✓
 Co-efficient as corrected .82

Sheer at Stem 48 at Sternpost 10 1/8
 $58 1/8 \div 2 = 29.06$... Mean 36

Sheer at 1/8 of the length from Stem 1.11 1/8 Sternpost 1.2 1/8
 $1.2 1/8 \div 2 = 7.15$... Mean 7.15

Gradual mean Sheer 13.07 $\div 55 = 13.07$
 Standard mean Sheer [Table, Para. 18] 31.0 Correction 17.9
 $17.9 \div 4 = 4.475$
 § If limited as Para. 18 (f) + 4 1/2

Rise in Sheer from amidships [Para. 18 (e)]
 At front of bridge house
 At after end of forecastle

Fall in Sheer [Para. 18 (d)] $\div 2 =$
 Length uncovered Correction

ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C. 0.6 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) 2-8 1/2
 Difference 2-2"
 Percentage as below 42%

	Length.	Length allowed.	Height.
Forecastle	<u>45.6</u>	<u>45.6</u>	<u>7-9 1/2</u>
Bridge House	<u>13.6</u>	<u>26.6</u>	<u>4-0</u>
† Raised Qr. Dk.	<u>44</u>	<u>6</u>	<u>6-0</u>
Poop	<u>51.0</u>	<u>57.0</u>	<u>7-0</u>
Total		<u>130.9</u>	
Length of Ship		<u>210</u>	<u>.62</u>
Corresponding percentage (Para. 11, 12, 13, or 14)	<u>42%</u>		

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

Fresh Water Line above centre of Disc 3
 Indian Summer Line " " " 1 1/2
 Winter Line below " " 2
 Winter North Atlantic Line " " " 2

* 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.

Moulded Depth as measured 14.0

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 210
 Length in Table 168
 Difference 42
 Correction for 10ft., Table A. 1.0 Table C. ✓
 × Difference divided by 10 4.2 (if required.)
 If 1/10ths length covered divide by 2 + 2x 2.1

CORRECTION FOR IRON DECK.

Proportion covered, if less than 1/10ths length covered 326
 Thickness of usual wood deck, less stringer 3
-3"

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships 44
 Round of Beam 10 1/4
 Normal round 11
 Difference 3/4 $\div 2 =$ 3/8
 Proportion of Deck uncovered (Para. 19) 2 1/4

Freeboard, Table A 2.4
 Correction for Sheer + 4 1/2
2-8 1/2
 Correction for Length + 2
2-10 1/2
 Allowance for Deck Erections - 11
1-11 1/2

Correction for Round of Beam.....
 Correction for fall in Sheer (if any).....
 Correction for Iron Deck (if required) - 3
1-8 1/2

Additions for non-compliance with provisions of Para. 11 (d) and (e) †
 Other Corrections (if any)

Winter Freeboard 1-8 1/2
 Summer Freeboard - (1 3/4) 1-6 3/4
 Indian Summer Freeboard 1-5
 N.A. Winter Freeboard 1-10 1/2

Correction necessary because clearside amidships, measured in accordance with the Statute is not taken at the intersection of the wood or iron deck with side. + 1 1/2

Winter Freeboard from deck line 1-10
 Summer " " " 1-8 1/4
 Indian Summer " " " 1-6 1/4
 N.A. Winter " " " 2-0

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

To what height do the Reverse Frames extend? *Long Yes*

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 *No openings*

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? *No* Has the Forecastle an efficient Iron or Wood Bulk'd. at after end? *Steel etc.*

Are the Engine and Boiler openings covered by a Bridge, Poop, Raised Quarter Deck, or enclosed by a Strong Iron or Steel Deckhouse? *By top of main deck*

If the openings are not so protected are the exposed parts of the Casings efficiently constructed?

Give thickness of plating; scantlings and spacing of Stiffeners *5'-0"*

What is the height of the exposed Casings? *5'-0"* 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:— *Yes*

Position and Size.	No 1 Gouls (9'-2" x 10'-4" (165) 4'-4" x 4" (100) 2'-0" x 2'-0")									
Item.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
COAMING.	Height above top of DECK	<i>No 1</i>								
	Thickness	<i>9'-2" L</i>								
SHIFTING BEAMS OR WEB PLATES.	Number	<i>3 x 3 x 3/8 angles</i>								
	Section and Scantlings	<i>9" x 12" al. bottom</i>								
* FORE AND AFTERS.	Section and Scantlings	<i>Angle 1/2"</i>								
	Material	<i>Steel Plate</i>								
HATCHES	Thickness	<i>3"</i>								
	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?

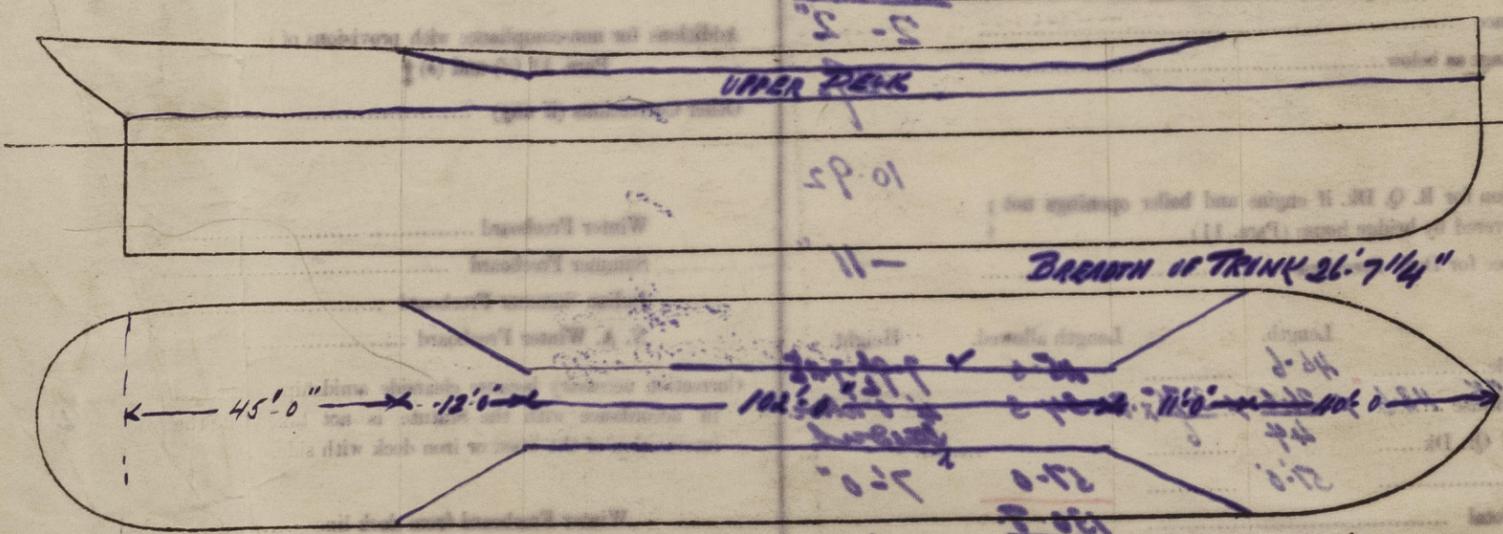
Delete the words The Crew are, are not, berthed in the bridge house.
that do not apply The arrangements to enable them to get backwards and forwards from their quarters are, are not satisfactory.

Length of Bulwarks in well *open Bulwarks*

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

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

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

Owners *Cinclair Oil Company*

Address *50 100*

Fee £ *50 100*

Received by me *will be charged*