

21/3/33  
29200

# Lloyd's Register of Shipping.

## SURVEYS FOR FREEBOARD.—STEAM SHIPS.

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

Date of Survey

Name of Surveyor

Brooklyn N.Y.  
While Building  
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 from Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	210	44.1	13.6	1014.94
Length on ADLINE.	210	Rule 44.1	Ceiling + 30	Peak
		3.1	Sheer - 50	Tanks
Corrected Dimensions.	210	43.91	13.3	1014.94

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  
× Difference divided by 10.....4.2  
If  $\frac{1}{10}$ ths length covered divide by 2 + 2.1

Table C.

(if required.)

2.1

### CORRECTION FOR IRON DECK.

Proportion covered, if less than  $\frac{1}{10}$ ths length covered.....  
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 ÷ 2 = 3/8  
Proportion of Deck uncovered (Para. 19).....2 1/4

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

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

Sheer { Stem.....48 } 58 1/8 ÷ 2 = 29.06 ...Mean 36 1/2  
at { Sternpost ...10 1/8 }  
Sheer at 1/8 of the length from { Stem 1.1 1/8 } 1.2 1/8 ÷ 2 = 7.15 ...Mean  
{ Sternpost 1 1/4 }  
Gradual mean Sheer.....13.07 ÷ 55 = 13.07  
Standard mean Sheer [Table, Para. 18].....31.0  
Difference.....17.9 ÷ 4 = 4.45  
§ 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) } ÷ 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.....

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11)  
Allowance for Deck Erections.....

	Length.	Length allowed.	Height.
Forecastle.....	45.6	45.6	7.9 1/2
Bridge House.....	43.6	43.6	4.0
† Raised Qr. Dk.....	44	6	7.0
Poop.....	57.0	57.0	7.0
Total.....		130.8	
Length of Ship.....	210		.62
Corresponding percentage { (Para. 11, 12, 13, or 14) }	42 9/10		

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

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

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 1/4

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

MARKING FORM  
RECEIVED 21 MAR 1933

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.

\* 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.

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