

EXT 20428  
Lloyd's Register of British & Foreign Shipping. 20846  
SURVEYS FOR FREEBOARD.—STEAM SHIPS. 24364  
LUES. 8 MAR 1910

ICULARS RELATING TO ALL STEAM SHIPS EITHER FLUSH DECKED, OR WITH GALLANT FORECASTLES, SHORT POOPS AND BRIDGE HOUSES DISCONNECTED, OR TH TOP GALLANT FORECASTLES HAVING LONG POOPS, OR RAISED QUARTER DECKS CONNECTED WITH BRIDGE HOUSES, OR OTHERWISE.

Port of Survey Sunderland  
Date of Survey 4<sup>th</sup> March 1910  
Name of Surveyor J. Allan

SHIP'S NAME MOZART Port of Registry Sunderland Official Number 123964 Gross Tonnage 4427 Date of Build 1910 Particulars of Classification +100 A1 Contemplated

Registered dimensions from Ship's Register. LENGTH. 375' 0" BREADTH. 52' 0" DEPTH. 25' 6" UNDER DECK Tonnage. 4129.40

Moulded Depth as measured..... 27' 11"

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

Length on LOADLINE 375' 0" Frame Depth 12 Ceiling fitted Peak Tanks Included  
Rule " 6 Sheer +42.5  
2 x 6 3  
= -12" = +1.18  
2" drop in Frame + .08

CORRECTED DIMENSIONS. LENGTH. 375' 0" BREADTH. 51' 0" DEPTH. 26' 7.8" UNDER DECK Tonnage. 4129.40

Co-efficient of fineness .80 (Actual .806)  
Any modification necessary [Para. 4 (a) to (e) \*] -02 CU 213  
Co-efficient as corrected .79.78

Sheer { Stem... 10' 0" } 15' 0" 2 = 90.12 Mean  
at { Sternpost... 5' 0" }  
Sheer at  $\frac{1}{2}$  of the length from { Stem 5' 8" } 8' 5" 2 = 50.5 Mean  
{ Sternpost 2' 9" }

Gradual mean Sheer 40.12  
Standard mean Sheer (Table, Para. 18) 47.50 Correction ✓  
Difference 42.68 4 = 10.685  
§ If limited as Para. 18 (f) Pay 10 3/4 1/2

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

¶ Fall in shear }  $\div 2 =$  ✓  
Para. 18 (d) }  
Length uncovered ..... Correction

ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C..... 3.7.66 3' 8 7/8  
Correction for Length, if required (Para. 12, 13, and 14) ..... + 2 3/4  
3.10.46  
6.4.03 3.10 3/4 1/2  
Freeboard by Table A, corrected for sheer, and for length, } 6.4.74  
if required (Para. 12, 13, and 14) }  
Difference ..... 2.5 1/2  
Percentage as below..... 31.12  
9.18 9.174"

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) Pay 9 1/4  
Allowance for Deck Erections

	Length.	Length allowed.	Height.
Forecastle.....	<u>32.7</u>	<u>32.7</u>	<u>8.0</u>
Bridge House.....	<u>112.6</u>	<u>112.6</u>	<u>8.0</u>
† Raised Qr. Dk.....	—	—	—
Poop..FORECASTLE	<u>37.5</u>	<u>37.5</u>	<u>8.0</u>
Total .....		<u>182.8</u>	<u>= .4874</u>
Length of Ship .....		<u>375.0</u>	
Corresponding percentage (Para. N, 12, 13, or 14) }	<u>31.12</u>		

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

Fresh Water Line above centre of Disc .....  
Indian Summer Line " " " " .....  
Winter " " " " .....  
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 sailing as allowance for deck erections under Para. 11 where the draft is measured at the stern, the height of the R. Q. D. is to be taken from the level of the top of the amidships deck.  
† The height of the total standard mean sheer means the sheer measured at points distant from the vessel's length from stem and stern-post.

CORRECTION FOR LENGTH.  
Length of Ship on Loadline..... 375  
Length in Table ..... 385  
Difference ..... 40  
Correction for 10ft., Table A. .... 1.4 Table C. 40  
× Difference divided by 10 ..... 5.6 (if required.) .7  
If  $\frac{1}{10}$ ths length covered divide by 2 Pay 5 1/2 Pay 2 3/4

CORRECTION FOR IRON DECK.  
Proportion covered, if less than  $\frac{1}{10}$ ths length covered ..... 48.74  
Thickness of usual wood deck, less stringer..... 3 1/2 1.7" - 1 3/4

CORRECTION FOR ROUND OF BEAM.  
Breadth at Gunwale amidships..... 50'  
Round of Beam..... 13  
Normal round ..... 12 1/2  
Difference ..... 1/2  $\div 2 =$  1/4  
Proportion of Deck uncovered (Para. 19) ..... 5.1.3

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

Freeboard, Table A ..... 6.9.04 6.17  
Correction for Sheer ..... 10.68 - 10 3/4 1/2  
5.10.43 5.10 3/4 1/2  
Correction for Length ..... 5.60 + 5 1/2  
6.4.03 6.4.74  
Allowance for Deck Erections ..... 9.18 - 9 1/4  
5.6.85 5.7.6 3/4  
Correction for Round of Beam..... 13  
5.6.72  
Correction for fall in Sheer (if any) .....  
Correction for Iron Deck (if required) ..... 1.70 - 1 3/4  
5.5.02 5.5.74  
Additions for non-compliance with provisions of }  
Para. 11 (d) and (e) † }  
Other Corrections (if any).....

Winter Freeboard ..... 5-5 1/4  
Summer Freeboard ..... 5-0 1/4  
Indian Summer Freeboard ..... 4-8  
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 iron deck with side.

Winter Freeboard from deck line ..... 5.  
Summer " " " " ..... 5.  
Indian Summer " " " " ..... 4.  
N. A. Winter " " " " .....

† 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 line of keel or to the water line. If measured relatively to water line the vessel's draft at survey, and also the usual load draft forward and aft, should be reported.

MARKING FORM  
RECEIVED  
17 DEC 1910



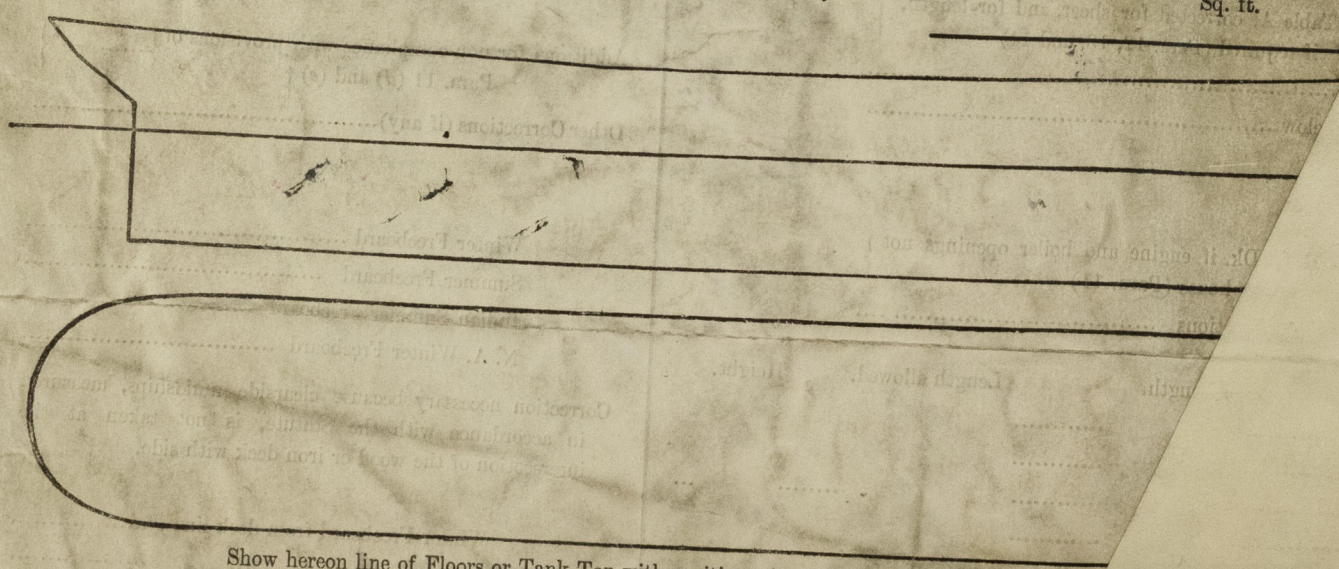
Do all the Frames extend to the top height in the Poop? *yes* Raised Quarter Deck? *yes*  
 To what height do the Reverse Frames extend? *Bulb Angle framing*  
 Has the Poop or Raised Quarter Deck an efficient Iron Bulkhead at the fore end? *yes*  
 Give particulars of the means for closing the openings in Bulkhead *Storm Boards*  
 Is the Poop or Raised Quarter Deck connected with the Bridge House? *no* Has the Bridge House an efficient Iron Bulkhead at the fore end? *yes*  
 Give particulars of the means for closing the openings in Bulkhead *Iron hinged doors*  
 What is the thickness of the Bridge Front plating? *.45* and Coaming plate? *.45*  
 Give scantlings and spacing of the Stiffeners *8" x 3 1/2" x .64 Bulb Angles*  
 Are bracket plates fitted at each end of the Stiffeners? *yes* Are hor'l. brackets used connecting Bridge Bulkhead with Bulkhead of Poop or Raised Quarter Deck? *yes*  
 Has the Bridge House an efficient Iron Bulkhead at the after end? *yes*  
 How are the openings closed? *Storm Boards fitted in channels running to the main*  
 Is the Forecastle at least as high as the main or top-gallant rail? *8'-0"* Has the Forecastle an efficient Iron or Wood bulkhead at the fore end? *yes*  
 Are the Engine and Boiler openings covered by a Bridge, Poop, Raised Quarter Deck, or enclosed by a Strong Iron or Steel Deckhouse? *Bridge*  
 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 *yes*  
 What is the height of the exposed Casings? *7'-0"* Are suitable means provided for closing all openings in the casings? *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. 29' 9" x 19' 11"		No. 2. 29' 9" x 19' 11"		No. 3. 29' 9" x 19' 11"		No. 4. 29' 9" x 19' 11"	
Item.		Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
COAMING.	Height above top of DECK	3'-6"		3'-6"		3'-6"		3'-6"	
	Sides.....	.48	.48	.48	.48	.48		.48	
	Ends.....	.40	.40	.40	.40	.40		.40	
SHIFTING BEAMS OR WEED PLATES.	Number.....	5		5		5		5	
	Section and Scantlings.....	30 x .40 20 .40		7 1/2 5					
	Material.....	Steel Angles 4 x 3 x .40		as in No. 1		as in No. 1		as in No. 1	
FORE AND AFTERS.	Number.....								
	Section and Scantlings.....								
	Material.....	No fore & afters							
HATCHES	Thickness.....	3'	3'	3'	3'	3'	3'	3'	3'
Remarks.....		Watkins & Co. Ltd.							

\* When the Fore and Afters are of wood the depth should be stated from the underside of the hatches.  
 (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? *yes* Strake between Main and Bridge Sheerstrakes? *yes*  
 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  
 Area of Freeing Ports required by Para. 11 (e) each side of vessel = *yes* Sq. ft.  
 Ft. Tenths. Ft. Tenths. No. } Freeing Ports (each side of vessel) = *yes* Sq. ft.  
 Total deficiency or excess = *yes* Sq. ft.



Show hereon line of Floors or Tank Top with position of any Breaks in same; also height  
 State any special features in the construction of the Vessel *No special features*  
*See Preliminary report No 24185.*

Owners.....  
 Address.....  
 Fee £.....  
 Received by me.....