

# Lloyd's Register of Shipping

## SURVEYS FOR FREEBOARD. STEAM SHIPS.

11 FEB 1929

Index No. 33073.  
(For London Office only.)

No 94956

PARTICULARS RELATING TO A STEAM SHIP ~~EITHER HULL DECKED, OR WITH TOP GALLANT FORECASTLES, SHORT POOPS AND BRIDGE HOUSES DISCONNECTED, OR WITH TOP GALLANT FORECASTLES HAVING LONG POOPS, OR RAISED QUARTER DECK CONNECTED WITH BRIDGE HOUSES, OR OTHERWISE.~~

Port of Survey Liverpool  
Date of Survey Whilst building.  
Name of Surveyor W.S. Shields

Ship's Name. T.S.S. "LADY RODNEY"  
Number in Register Book 90929  
Port of Registry and Nationality. Montreal  
British  
Official Number. 154460  
Gross Tonnage. ✓  
Date of Build. 1929  
Particulars of Classification. 100 A1 with freeboard. Strengthened for Navigation in Ice. (Class Contemplated)

Registered dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	<u>420.3</u>	<u>60.2</u>	<u>22.5</u> <u>30.2</u>	<u>4130.76</u>
Length on LOADLINE.	<u>415.0</u>	Frame Depth <u>7 1/4</u> Rule <u>7</u> <u>22.12</u> <u>No sparling + 33</u>	Ceiling <u>fitted</u> Sheer <u>+ 7 1/4</u> <u>9 1/4</u>	Peak } <u>Incl'd</u> Tanks } Tonnage <u>+ 1623.97</u>
CORRECTED DIMENSIONS.	<u>415.0</u>	<u>60.41</u>	<u>30.94</u>	<u>5754.73</u>

Moulded Depth as measured..... 32' 9"

Addition for Keel below base line for draught record..... ✓ inches.

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.....	<u>415' - 0"</u>
Length in Table .....	<u>393.0</u>
Difference .....	<u>22.0</u>
Correction for 10ft., Table A. ....	<u>1.6</u>
× Difference divided by 10 .....	<u>3.52</u>
If 10ths length covered divide by 2	<u>1.76</u>
	<u>+ 1 3/4"</u>

### CORRECTION FOR IRON DECK.

Proportion covered, if less than 1/10ths length covered .....	<u>✓</u> <u>.747</u>
Thickness of usual wood deck, less stringer .....	<u>3 1/2</u>
	<u>1" Composition fitted.</u>
	<u>- 2 1/2"</u>

### CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships.....	<u>60' - 0"</u>
Round of Beam .....	<u>12"</u>
Normal round.....	<u>13"</u>
Difference .....	<u>3 ÷ 2 = 1 1/2</u>
Proportion of Deck uncovered (Para. 19) .....	<u>.248</u> <u>.372</u> <u>+ 1/4"</u>

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

Freeboard, Table A .....	<u>8' 5 1/4</u>
Correction for Sheer .....	<u>- 6 1/2</u>
	<u>7' 10 3/4</u>
Correction for Length .....	<u>+ 1 3/4</u>
	<u>8' 0 1/2</u>
Allowance for Deck Erections .....	<u>- 1' 4 1/2</u>
	<u>6' 8</u>
Correction for Round of Beam.....	<u>+ 1/4</u>
	<u>6' 8 1/4</u>
Correction for fall in Sheer (if any).....	<u>✓</u>
Correction for Steel Deck (if required) .....	<u>- 2 1/2</u>
	<u>6' 5 3/4</u>
Additions for non-compliance with provisions of	
Para. 11 (d) and (e) †	
Other Corrections (if any) <u>for scantlings to correspond to approved moulded draught of 22' 10 1/2 for all seasons</u>	<u>+ 3.6</u>
	<u>9' 11 3/4</u>

Winter Freeboard .....	
Summer Freeboard .....	
Indian Summer Freeboard .....	
N. A. Winter Freeboard .....	<u>9' 11 3/4</u>

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 3/4"

Winter Freeboard from deck line .....	
Summer " " " " .....	
Indian Summer " " " " .....	
N. A. Winter " " " " .....	
(Steel) Deck :—	<u>10' - 1 1/2 For all seasons</u>
	<u>6"</u>

efficient of fineness..... .742  
modification necessary } ✓ C.D.B  
ra. 4 (a) to (e)\* }  
ient as corrected ..... .72

Stem..... <u>96"</u>	<u>153" ÷ 2 = 76 1/2</u> Mean	<u>78.18</u> <u>67.50</u> <u>36 1/2</u>
Sternpost ... <u>57"</u>		<u>74</u>
1/2 of the length from	Stem <u>54"</u> Sternpost <u>32"</u>	<u>86" ÷ 2 = 43"</u> Mean
mean Sheer .....	<u>allowed 47.34</u>	<u>÷ 55.48.18</u>
mean Sheer [Table, Para. 18] .....	<u>51.50</u>	Correction
Difference.....	<u>25.84 ÷ 4 = 6.46</u>	
ted as Para. 18 (f) .....	<u>✓</u>	<u>- 6 1/2"</u>

Sheer { At front of bridge house.....	<u>✓</u>
amidships { At after end of forecastle .....	<u>✓</u>

Sheer {	<u>÷ 2 =</u>	<u>✓</u>
8 (d) {		
covered .....		Correction

### ALLOWANCE FOR DECK ERECTIONS :—

Table C.....	<u>5' 4 3/4</u>
for Length, if required (Para. 12, 13, and 14) .....	
by Table A, corrected for sheer, and for length, if required (Para. 11, 12, 13, and 14) .....	<u>7 - 10 3/4</u>
	<u>2.6</u>
as below.....	<u>55.2%</u>
	<u>16.56</u>

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

Length.	Length allowed.	Height.
<u>38' 8 1/2"</u>	<u>38.71</u>	<u>7' 9"</u>
se ..... <u>234' - 0"</u> (See sketch)	<u>233.00</u>	<u>8' 6"</u>
Dk..... <u>✓</u>		
<u>40' - 3 1/2"</u>	<u>40.29</u>	<u>7' 9"</u>
<u>310' - 0"</u>	<u>312.0</u>	<u>7' 9"</u>
hip .....	<u>415.0</u>	<u>- 752</u>

g percentage { 55.2%  
12, 13, or 14 }

RD recommended amidships from centre of Disc to top of Statutory Deck Line, ✓

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

skin planking, or ceiling, or of unusual thickness the breadth of vessel to inside should be reported if possible. An allowance for deck erections under Para. 11 where the sheer drops abaft amidships of the R.Q.D. is to be taken from the level of the top of the amidship beam. Vessels the total standard mean sheer means the sheer measured at the stem and sternposts having poops and forecastles. It means the sheer measured at points distant the length 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.



Do all the Frames extend to the top height in the Poop? *Yes*. Raised Quarter Deck? *✓* Bridge *Deck* *House*? *yes*. Forecastle? *yes*.  
 To what height do the Reverse Frames extend? *Main and Bridge alternately*.  
 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 *Two strong wood doors*.  
 Is the Poop ~~or Raised Quarter Deck~~ connected with the Bridge House? *no*. Has the Bridge House an efficient Bulkhead at the fore end? *yes*.  
 Give particulars of the means for closing the openings in Bulkhead *No openings. Strong steel w.t. door fitted to steel companion way immediately forward of Bridge front*.  
 What is the thickness of the Bridge Front plating? *.40* and Coaming plate? *.44*.  
 Give scantlings and spacing of the Stiffeners *9 1/2" x 3 1/2" x .50 B.A. Spaces 28 3/8" to 30" apart*.  
 Are brackets ~~plates~~ fitted at each end of the Stiffeners? *yes*. Are hor'l. brackets fitted connecting Bridge Bulk'd. with Bulwarks? *yes*.  
 Has the Bridge House an efficient Iron Bulkhead at the after end? *yes*. Two openings 5'-0" x 3'-6" & three doors (2 steel, 1 heavy wood).  
 How are the openings closed? *Shifting boards in permanent channels, full height*.  
 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*.  
 Are the Engine and Boiler openings covered by a Bridge, Poop, Raised Quarter Deck, & enclosed by a Strong ~~Iron or Steel~~ Deckhouse? *yes*.  
 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 *✓*.  
 What is the height of the exposed Casings? *✓*. 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: *As approved*.

Position and Size.		No. 1. 14'-11 1/2" x 18'-10 1/2"		No. 2. 14'-11" x 18'-10 1/2"		No. 3. 14'-11" x 18'-10 1/2"		No. 4. 14'-10 1/2" x 18'-10 1/2"			
Item.		Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
COAMING.	Height above top of DECK	2'-9" & 3'-3"		2'-9" & 3'-3"		2'-9" & 3'-3"		3'-0" & 3'-6"			
	Sides.....	.44		.44		.44		.44			
	Ends.....	.44		.44		.44		.44			
SHIFTING BEAMS OR WEB PLATES.	Number.....	1 off.		1 off.		1 off.		1 off.			
	Section and Scantlings.....	Side 29" x 36" 4x3x44		Side 16" x 22" 4x3x44		Side 18" x 38" 4x3x44		Side 19" x 35" 4x3x44			
	Material.....	7" wood baulk steel		steel		steel		7" wood steel baulk			
* FORE AND AFTERS.	Number.....	3		3		3		3			
	Section and Scantlings.....	11" x 44 BA		11" x 44 BA		11" x 44 BA		11" x 44 BA			
	Material.....	2 1/2" x 2 1/2" x 38 steel		2 1/2" x 2 1/2" x 38 steel		2 1/2" x 2 1/2" x 38 steel		2 1/2" x 2 1/2" x 38 steel			
HATCHES Thickness.....		3" W.P.		3" W.P.		3" W.P.		3" W.P.			
Remarks.....		✓		✓		✓		✓			

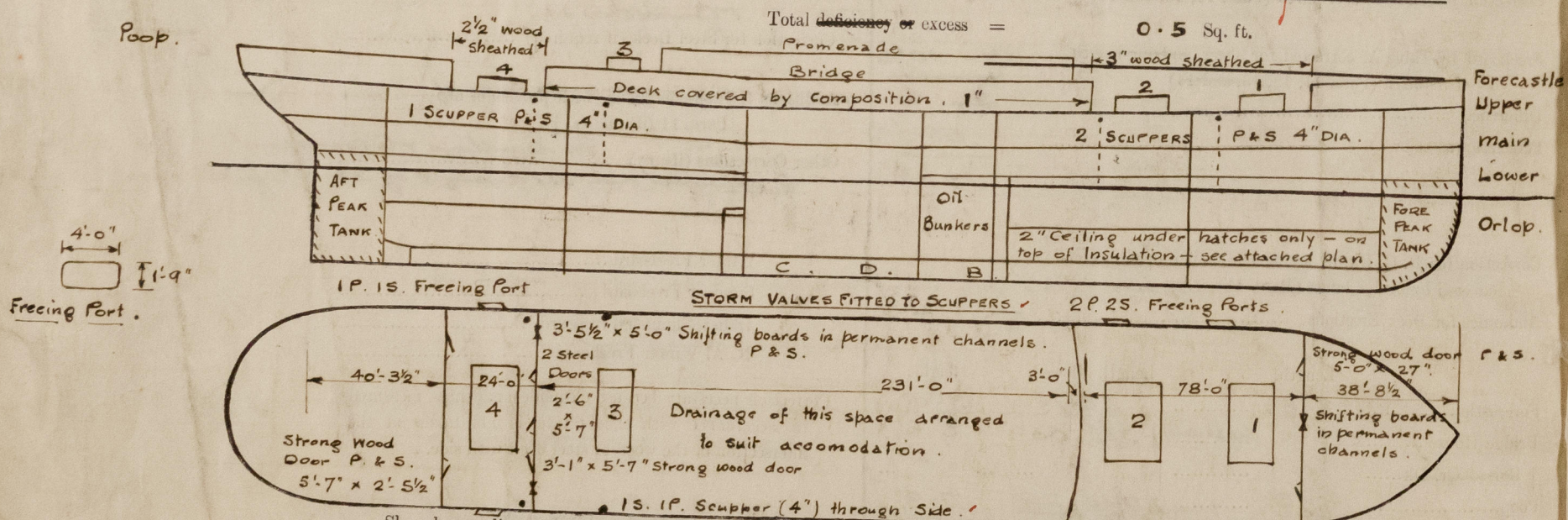
\* The depth of Fore and Afters should be stated from the underside of the hatches in all cases.  
 (If the sill of the lowest side scuttle will be less than 6 inches above the Indian Summer Load Line if assigned under the tables, state vertical distance from top of deck at side amidships to lower edge 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~~, berthed in the bridge house, and poop.  
 that do not apply } The arrangements to enable them to get backwards and forwards from their quarters are, ~~are~~, satisfactory.

Length of Bulwarks in well Forewell 81'-0" 16'-2" aft well 24'-0" 8'-9"  
 Area of Freeing Ports required by Para. 11 (e) each side of vessel = 20.5 Sq. ft.

Ft. Tenths. Ft. Tenths. No. Freeing Ports (each side of vessel) = 21.0 Sq. ft.  
 Forward 4.0 x 1.75 x 2.14  
 Aft 4.0 x 1.75 x 1.74



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 *Duct keel fitted. Strengthened for Navigation in Ice.*

Builder's name and yard number *Messrs Cammell Laird & Co. No 944.*

Names of sister vessels *T.S.S. "LADY SOMERS". (See Liverpool Rept. No 94728)*

Owners *Canadian National (West Indies) Steamships Ltd.*

Address *Montreal.*

Fee £ *11 : 18 : 4*

Received by me *Lee F.C. Report.*

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