

WED. APR. 17. 1912 62092

Lloyd's Register of British & Foreign Shipping.

SURVEYS FOR FREEBOARD.

Classification Report

PARTICULARS IN RESPECT OF STEAM SHIPS HAVING SPAR OR AWNING DECKS. *Completed under deck.*

Port of Survey *Newcastle*
Date of Survey *11th April 1912*
Name of Surveyor *M. Suckson*

21420

Ship's Name. <i>S.S. LA ROSARINA</i>	Port of Registry and Nationality. <i>10. Newcastle</i>	Official Number. <i>1781</i>	Gross Tonnage. <i>U.D. 5504.9</i> <i>1781.0</i>	Date of Build. <i>1912</i>	Particulars of Classification. <i>10 A. 1. Steel deck</i> <i>(with 1/2" Cast-iron)</i>
Registered dimensions from Ship's Register. LENGTH. <i>440.0</i> BREADTH. <i>58.8</i> DEPTH. <i>35.75</i>	Under Deck Tonnage. <i>7285.9</i>		Moulded Depth as measured <i>38.0</i>		
Length on Load Line <i>440.0</i>	Frame Depth Rule <i>7/16</i>	Ceiling Sheer <i>+20</i> <i>+25</i>	Peak <i>Included</i>	Tanks <i>Included</i>	
CORRECTED DIMENSIONS. <i>440.0</i>	<i>58.88</i>	<i>36.283</i>	<i>7285.9</i>		

Co-efficient of fineness *778*
Any modification necessary [Para. 4 (a) to (e)*] } *Acc. D. Bottan*
Co-efficient as corrected *76.75*

Allowance for strength in excess of Lloyd's rules = *2 1/2"*

State particulars—
Vessel constructed with four steel decks with bulkheads leading to steel deck + channel supports to other decks fitted to keep frame at each deck and with three rows of pillars strong bridge above steel deck bulkheads framing 7 W.T. bulkheads extending to steel deck

Gradual Sheer 55
Standard 54
36 1/2
.03

Sheer at Stem *72 3/4"* at 1/8 length from Stem *40 3/4"*
Sternpost... *36 3/4"* " " " Sternpost... *20 1/2"*

Drop in Sheer abaft amidships.....
Round of *Steel Deck* Beam..... *14"*
" " *Main-deck* " *14 1/2"*

Length x Height. State if open or closed at ends.
Forecastle *35.0* x *7.6*
Bridge *135.0* x *8.0* *Front closed with W.T. doors after and closed 2 large iron doors*
Poop..... x

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 Line	below	"	"	...	...	...	...
Winter North Atlantic Line	"	"	"	...	...	...	...

Amended Tables March 1906

CORRECTION FOR LENGTH:—
Length of Ship on Load Line.... *440.0*
Length in Table..... *443.0*
Difference..... *3.0*
Correction for 10ft..... *1.5*
x Difference ÷ 10 = *- 1/2"*

Height of Tween Decks..... *8 1/2"*
(From top of beam to top of beam at side)
Correction for Height of Tween Decks in Spar-decked Ships... *+ 4 1/4"*

Freeboard Table B... *11-6 1/2"*
Correction for Length..... *- 1/2"*
Correction for Height of Tween Decks in Spar-decked Ships... *+ 4 1/4"*
Correction for Strength in excess of Lloyd's rules..... *1-8 1/2"*
10-11 3/4"

Correction for Iron Deck if required..... *- 3"*
9-10 3/4"
Other Corrections (if any)..... *+ 1/2"*
10-10 1/4"
Winter Freeboard..... *9.104*
Summer Freeboard..... *9.34*
Indian Summer Freeboard..... *8.84*
N.A. Winter Freeboard..... *8.84*

Correction necessary because clearside amidships measured in accordance with the Statute is not taken at intersection of the wood or iron deck with side } *13 1/4"*
Winter Freeboard from Deck Line *10-2 0"*
Summer " " " *9-7 5"*
Indian Summer " " " *8-8 10"*
N.A. Winter " " " *8-8 10"*

NOTE.—All vessels equal in strength to Lloyd's Spar-decked rule, or which, although in excess of that rule, do not come up to Lloyd's requirements for Ships of full scantlings to the upper deck, are to be considered as Spar-decked Ships, the freeboard for which will vary with their strength.
All vessels equal in strength to Lloyd's Awning-decked rule, or which, although in excess of that rule, do not come up to Lloyd's requirements for a Spar-decked Vessel, are to be considered as Awning-decked Ships, the freeboard for which will vary with their strength.
* If the frames, skin planking, or ceiling are of unusual thickness the breadth of vessel to inside of ceiling should be reported if possible.

Mrs B. 17/4/12

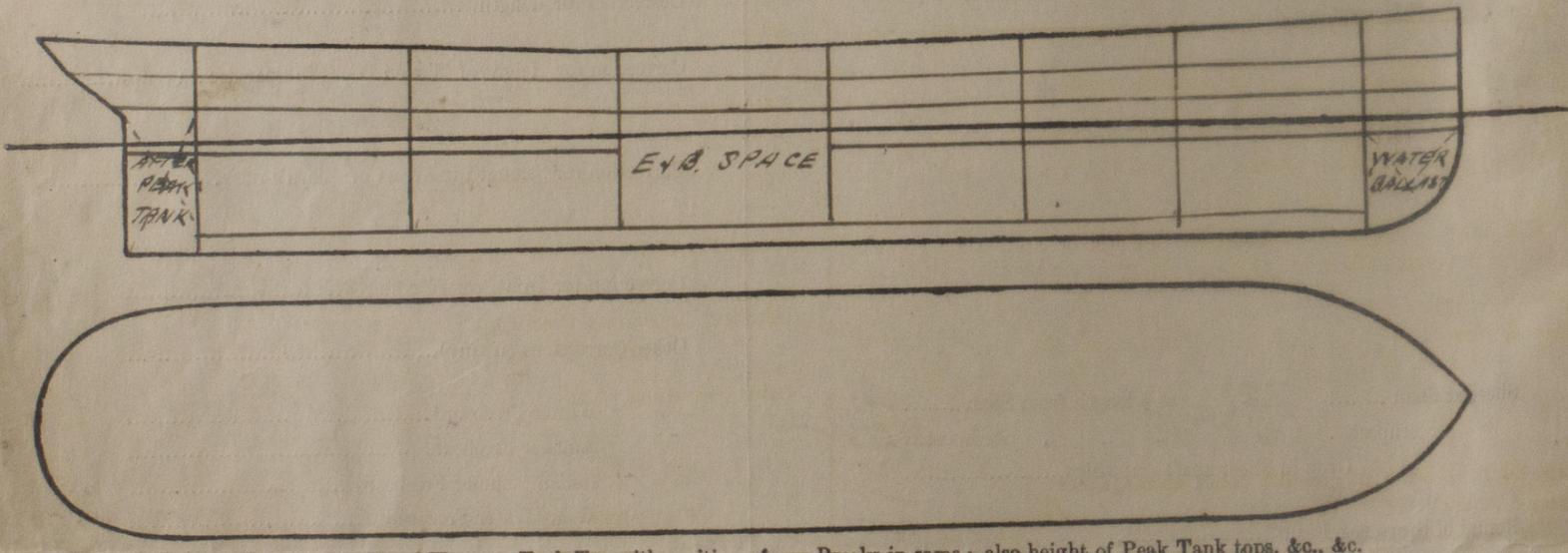
W512-0340



Do all the Frames extend to the top Height in the ^{Scuttle} Spar deck? *Yes*
 Do all the Frames extend to the top height in the Poop? *Yes*
 To what height do the Reverse Frames extend? *Full upper framing*
 Has the Poop an efficient Iron Bulkhead at the fore end? *Yes*
 Give particulars of the means for closing the openings in Bulkhead *Yes*
 Is the Poop connected with the Bridge House? *Yes*
 Give particulars of the means for closing the openings in Bulkhead *Two side scuttles 14 T. doors*
 What is the thickness of the Bridge Front plating? *32* and Coaming plate? *36*
 Give scantlings and spacing of the Stiffeners *5x3x40 plating spaced 30 + 30 1/4 apart*
 Are bracket plates fitted at each end of the Stiffeners? *Yes* Are hor'k. brackets fitted connecting Bridge Bulk'd. with Bulwarks? *No*
 Has the Bridge House an efficient Iron Bulkhead at the after end? *Yes*
 How are the openings closed? *Two scuttles in doors*
 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, or 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? *Yes*
 Give thickness of plating; scantlings and spacing of Stiffeners *Yes*
 What is the height of the exposed Casings? *Yes* 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.	27'0" x 16'0"		27'0" x 16'0"		27'0" x 16'0"		27'0" x 16'0"		
	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	
COAMING.	Height above top of DECK	32"	32"						
	Thickness	Sides	48	48					
		Ends	40	40					
SHIFTING BEAMS OR WEB PLATES.	Number	Two	Two	Same as No. 1		Same as No. 1		Same as No. 1	
	Section and Scantlings	2 1/2" x 11 1/2" x 50	2 1/2" x 11 1/2" x 50	Same as No. 1		Same as No. 1		Same as No. 1	
	Material	Hotchkiss 6x6x74	Hotchkiss 6x6x74	Same as No. 1		Same as No. 1		Same as No. 1	
FORE AND AFTERS.	Number	None	None	Same as No. 1		Same as No. 1		Same as No. 1	
	Section and Scantlings			Same as No. 1		Same as No. 1		Same as No. 1	
	Material			Same as No. 1		Same as No. 1		Same as No. 1	
HATCHES Thickness	4"	4"	4"	4"	4"	4"	4"	4"	
Remarks									

* 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.)



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 *This vessel has been built in accordance with the approved plans (4 in No.) forwarded herewith.*
A preliminary Freeboard was assigned to this vessel on the 9th March 1911.
See also Secretary's letter of the 12th December 1911 regarding Bridge front stiffening.
There are no scuttles or other openings through the vessel's sides to affect the position of the load line here.
A Freeboard request form will be forwarded to you.
A. Suddan

Owners _____
 " Address _____
 Fee £ _____

Received by me _____

PARTICULARS OF THE VESSEL'S PARTICULARS
 TOP GALLANT WITH TOP
 Palmers
 La
 Number in
 Registered dimensions from Ship's Register.
 Length on LOADLINE.
 CORRECTED DIMENSIONS.
 Co-efficient of Any modification [Para. 4 (Co-efficient a
 Sheer { Stern at { Stern Sheer at 1/2 of Gradual me Standard me
 \$ If limited
 Rise in S from amidships [Para. 18 (Fall in St Para. 18 Length unco
 Freeboard, T Correction f
 Freeboard b
 Difference Percentage a
 Correction f covered Allowance fo
 Forecastle...
 Bridge House
 † Raised QR
 Poop.....
 Total Length of S
 Corresponding (Para. N, FREEBOA
 * If the frames of ceiling
 † In vessels of ships the h
 § In flush-deck post. In one eighth
 20, 11. T.