

LONDON: PUBLISHED BY J. W. & J. T. CLAY, ST. MARTIN'S LANE.
 1850. (For
 Lloyd's Register of Shipping.
 TONNAGE FOR FREEBOARD.—STEAM SHIPS.

ATING TO ALL STEAM SHIPS EITHER FLUSH DECKED, OR WITH
FORECASTLES, SHORT POOPS AND BRIDGE HOUSES DISCONNECTED, OR
PLANT FORECASTLES HAVING LONG POOPS, OR RAISED QUARTER DECKS
CONNECTED WITH BRIDGE HOUSES, OR OTHERWISE.

Port of Survey Birkenhead
Date of Survey 29th Nov 1920. Friday
Name of Surveyor John Macdonald

Ship's Name	Port of Registry and Nationality.	Official Number.	Gross Tonnage.	Date of Build.	Particulars of Classification.
" <i>Samaria</i> " in Register Book (C. Laird 836)	<i>Liverpool</i>	<i>145923</i>			<i>100 ft SHELTER DECK with FREEBOARD (Contem. platen)</i>

Dimensions from p's B	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	601.5	73.75	40.7 1/2 Deck 31.95 " E "	11007.58
Length CADLINE.	600.3	Frame Depth 13 1/4 Rule " 7 1/2	In No. 314 Holds Ceiling +.10 Sheer +1.05	Peak Tanks } Incl'd.
		- .96 Part Sparring +.11		
CORRECTED DIMENSIONS.	600.3	72.9	33.10	11007.58

Moulded Depth as measured....45'0". "D" Deck

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

Addition for Keel below base line
for draught record....2.80 inches.

CORRECTION FOR LENGTH.

Length of Ship on Loadline..... 600.3 ✓
 Length in Table 540.0 ✓
 Difference 60.3 ✓
 Correction for 10ft., Table A. 1.7 ✓ Table C.
 × Difference divided by 10 10.25 ✓ (if required.)
 If $\frac{6}{10}$ ths length covered divide by 2 + 5" ✓

CORRECTION FOR IRON DECK.

Proportion covered, if less than $\frac{7}{10}$ ths length covered ✓
Thickness of usual wood deck, less stringer

CORRECTION FOR ROUND OF BEAM.

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

Breadth at Gunwale amidships.....	73.17	round o
Round of Beam	4"	should be
Normal round.....	18.29.	ed on f
Difference	14.29	breadth d
	$16.29 \div 2 =$	at the gun
Proportion of Deck uncovered (Para. 19)143	

Co-efficient of fineness..... *.717 to 30 ft area*
 Any modification necessary } *.76*
 [Para. 4 (a) to (e)]* } *C.D.B*
 Co-efficient as corrected *.74 to E Deck*
Sec. 76 - D " *10% .94*
36/37.21

Sheer { Stem.....11.5 } $\frac{210}{17.5 \div 2 = 8.75}$...Mean
 at { Sternpost ...6.0 }
 Sheer at $\frac{1}{2}$ of the length from { Stem 6.54 } $\frac{118.75}{9.9 \div 2 = 4.95}$...Mean
 { Sternpost 3.36 }
 Gradual mean Sheer $\frac{106.25}{106.25 \div 1.55 = 107.24}$
 Standard mean Sheer [Table, Para. 18] 70.03 Correction
 Difference..... $36.47 \div 4 = -9"$
 \$ If limited as Para. 18 (f)

Rise in Sheer { At front of bridge house.....1:75.....
from amidships {
[Para. 18 (e)] { At after end of forecastle

¶ Fall in Sheer } *Nil* $\div 2 =$
 Para. 18 (d) }
 Length uncovered

ALLOWANCE FOR DECK ERECTIONS :—

Freeboard, Table C.....	(13' 2") - (3' 2")	10 - 0 ✓
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)		12 - 5 ✓
Difference		<hr/> 2 - 5 ✓
Percentage as below.....		<hr/> 80.65 %
		<hr/> 23.39 ✓

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) }
 Allowance for Deck Erections 1 - 11 1/2

	Length.	Length allowed.	Height.
Forecastle.....	491.0	490.63	8'0"
Bridge House.....	272.0		8'0"
Tonnage opening.	85.0		
† Raised Qr. Dk.....			
Poop.....	24.3	23.55	
Total	<u>600.3</u>	<u>514.18</u>	.. 8565 -
Length of Ship		<u>600.3</u>	
Corresponding percentage {	80.65%		
(Para. 11, 12, 13, or 14)			

Winter Freeboard	}	13 - 9 $\frac{1}{2}$
Summer Freeboard		
Indian Summer Freeboard		
N. A. Winter Freeboard		

Correction necessary because clearside amidships, measured in accordance with the Statute is not taken at the intersection of the ^{magnesium on} ~~wood or~~ iron deck with side. $+ 1/2"$

Winter Freeboard from deck line	}	13' - 10"	✓	For all seas
Summer " " " "				
Indian Summer " " " "				
N. A. Winter " " " "				
(Iron) Deck — (D)	13' - 10"	✓	For all seas	

FREEBOARD recommended amidships from centre of Disc to top of Statutory Deck Line, ^{2 above 2 M}

Fresh Water Line	above	centre of Disc
<u>Indian Summer Line</u>	"	"
<u>Winter Line</u>	below	"
<u>Winter North Atlantic Line</u>	"	"

the *L*-lines, skin planking, or ceiling are of unusual thickness the breadth of vessel to inside ceiling should be reported if possible.

When 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.

When the vessel the total standard mean sheer means the sheer measured at the stem and stern having posts and forecastles, it means the sheer measured at points distant one-third 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.

Altitude 915 B.T. sub division load
line 145 mms below centre of pipe

back of this form.

all in sheer as reported is measured relatively to the straight
sured relatively to water line the vessel's draft at time of
ward and aft should be reported.

MARKING REPORT
RECEIVED 4 3 21

Do all the Frames extend to the top height in the Poop? *Check* Raised Quarter
 To what height do the Reverse Frames extend? *14-68 to Tunnel flat, 70-15*
 Has the Poop or Raised Quarter Deck an efficient Iron Bulkhead at the fore end? ☒
 Give particulars of the means for closing the openings in Bulkhead ☒
 Is the Poop or Raised Quarter Deck connected with the Bridge House? ☒ Has
 Give particulars of the means for closing the openings in Bulkhead *Hinged W.T doors*
 What is the thickness of the Bridge Front plating? *.46* and Coaming plate? *.46*
 Give scantlings and spacing of the Stiffeners *9 x 3 1/2 x 3 1/2 x .625 channels, spaced*
 Are bracket plates fitted at each end of the Stiffeners? *double up 6.6 x .50* Are hor'l. brackets fitted connecting
 Has the Bridge House an efficient Iron Bulkhead at the after end? *yes*
 How are the openings closed? *Fire screen doors in Passages & wood doors at after end.*
 Is the Forecastle at least as high as the main or top-gallant rail? ☒ Has the Forecastle an efficient Iron or Wood
 Are the Engine and Boiler openings covered by a Bridge, Poop, Raised *yes*
 Quarter Deck, or enclosed by a Strong Iron or Steel Deckhouse?
 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? *Boil casing 3' 9 1/2* Are suitable means provided for closing all openings in them in bad weather?
Eng 7' 9 1/2 above boat deck
 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 C.D.K. = 15'8" x 14'0"		No 2 C.D.K. = 16'6" x 14'0"		No 3 C.D.K. = 13'3" x 14'0"		No 4 C.D.K. = 13'3" x 14'0"		No 5 C.D.K. = 13'3"	
Item.		Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
COAMING.	Height above top of DECK	3 1/2		3 1/2		3 1/2		30"		30"	
	Thickness { Sides.....	.44		.44		.44		.44		.44	
	Ends.....	.44		.44		.44		.44		.44	
SHIFTING BEAMS OR WEB PLATES.	Number	3		3		2		2		2	
	Section and Scantlings	I 12 x 6 x 6 x .40		do		do		do		do	
	Material	STEEL		"		"		"		"	
* FORE AND AFTERS.	Number										
	Section and Scantlings										
	Material										
HATCHES Thickness		3"		3"		3"		3"		3"	
Remarks.....		W.P.									

* 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?

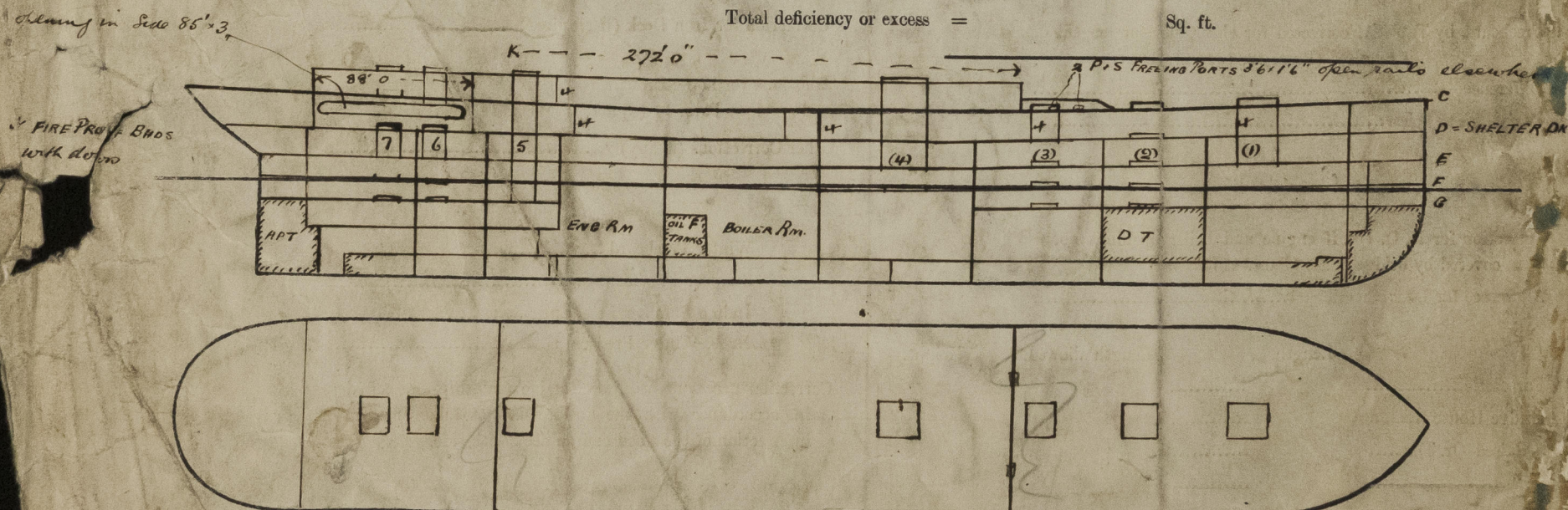
Delete the words { The Crew are, are not, berthed in the bridge house.
 that do not apply { The arrangements to enable them to get backwards and forwards from their quarters are, are not satisfactory.

Length of Bulwarks in well

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

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

Total deficiency or excess = Sq. ft.



Show hereon line of Floors or Tank Top with position, of

State any special features in the construction of the Vessel

Owners *Cunard S.S. Co. Ltd.*

Address *Liverpool*

No. *8*

Received by me



© 2020

Lloyd's Register
Foundation