

23 JUN 1932

Rpt. 11b.

Copy written

# Lloyd's Register of British & Foreign Shipping.

19115  
No. 13244.  
TUES. 7 MAY 1907

## SURVEYS FOR FREEBOARD.—STEAM SHIPS.

PARTICULARS RELATING TO ALL STEAM SHIPS EITHER FLUSH DECKED, OR WITH TOP 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 WEST HARTLEPOOL.

Date of Survey 3<sup>rd</sup> May 1907

Name of Surveyor J. Thomson

Ship's Name. <u>Surra</u>	Port of Registry and Nationality. <u>Melbourne British</u>	Official Number.	Gross Tonnage.	Date of Build. <u>1907</u>	Particulars of Classification. <u>Class contemplated # 100 A 1</u>
Register Book <u>Sept 23</u>					

LENGTH. <u>292.0</u>	BREADTH. <u>43.9</u>	DEPTH. <u>19.1</u>	UNDER DECK Tonnage. <u>1987</u>
<u>292.0</u>	Frame Depth <u>9</u> Rule <u>5</u> <u>.66</u>	Ceiling <u>5</u> Sheer <u>5</u> <u>+ .66</u>	Peak <u>-</u> Tanks <u>-</u>
<u>292.0</u>	<u>43.24</u>	<u>19.76</u>	<u>1987</u>

Moulded Depth as measured 21-6  
 Iron deck not sheathed  
 Moulded depth to be used 21-2 1/2

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

Cellular double bottom  
 necessary (e)\*  
 ted

CORRECTION FOR LENGTH.

Length of Ship on Loadline.....	<u>292</u>	x
Length in Table .....	<u>254.5</u>	✓
Difference .....	<u>3837.5</u>	✓
Correction for 10ft., Table A.....	<u>1.2</u>	x Table C. .6
x Difference divided by 10 .....	<u>4.58</u>	(if required.) 2.28
If 1/10ths length covered divide by 2	<u>say + 4 1/2</u>	say + 2 1/2

84 }  $126 \div 2 = 63$  Mean  
 42 }  
 length from { Stem 47  
 Sternpost 23 1/2 }  $70 1/2 \div 2 = 35 1/4$  Mean

CORRECTION FOR IRON DECK.  
 Proportion covered, if less than 1/10ths length covered ..... 319  
 Thickness of usual wood deck, less stringer.....  
 allowed in moulded depth.

(Table, Para. 18) ..... 39.2 Correction  
 Difference..... 23.8  $23 1/2 \div 4 = \text{say } 6$

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships.....	<u>42-8</u>
Round of Beam.....	<u>11</u>
Normal round .....	<u>10 3/4</u>
Difference .....	<u>1/4</u>
Proportion of Deck uncovered (Para. 19) .....	<u>1/8</u>

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

at front of bridge house.....  
 at after end of forecastle .....

$\div 2 =$

Correction

Freeboard, Table A .....	<u>4-2</u>
Correction for Sheer .....	<u>3</u>
Correction for Length .....	
Allowance for Deck Erections .....	

ALLOWANCE FOR DECK ERECTIONS:—

if required (Para. 12, 13, and 14) .....	<u>1-7 1/4</u>	✓
corrected for sheer, and for length, { required (Para. 12, 13, and 14) .....	<u>4-1 1/4</u>	✓
.....	<u>2-3 3/4</u>	✓
.....	<u>19.95-24 1/2</u>	✓
.....	<u>5 1/2</u>	✓

if engine and boiler openings not in bridge house (Para. 11) }  
 erections ..... 5 1/2

Correction for Round of Beam.....	✓
Correction for fall in Sheer (if any) .....	✓
Correction for Iron Deck (if required) .....	✓
Additions for non-compliance with provisions of Para. 11 (d) and (e) †	✓
Other Corrections (if any).....	✓
Winter Freeboard .....	
Summer Freeboard .....	
Indian Summer Freeboard .....	
N. A. Winter Freeboard .....	

Length.	Length allowed.	Height.
<u>29.2</u>	<u>29.2</u>	<u>7.0</u>
<u>64.0</u>	<u>64.0</u>	<u>7.0</u>
<u>93.2</u>	<u>292</u>	<u>.319</u>

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 .....	<u>3-9 1/2</u>
Summer " " " " .....	<u>3-6 1/2</u>
Indian Summer " " " " .....	<u>3-4 3/2</u>
N. A. Winter, " " " " .....	<u>3-11 1/2</u>

Amended amidships from centre of Disc to top of Statutory Deck Line, (Iron) Deck:— 3' 6 1/2"

Fresh Water Line above centre of Disc .....	<u>4 1/2</u>
Indian Summer Line " " " " .....	<u>3</u>
Winter Line below " " " " .....	<u>3</u>
Winter North Atlantic Line " " " " .....	<u>5</u>

Amended Tables... 3  
 March 1906... 3

† State dimensions of freeing port area on back of this report.  
 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.

Lloyd's Register  
 MARKING REPORT  
 RECEIVED

8870-LV9E00-889E00

Do all the Frames extend to the top height in the Poop?  Raised Quarter Deck?  Bridge House? *Yes* Forecastle? *Yes*  
 To what height do the Reverse Frames extend? *Bulk angle frames*  
 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 the Bridge House an efficient Bulkhead at the fore end? *Yes*  
 Give particulars of the means for closing the openings in Bulkhead *No openings*  
 What is the thickness of the Bridge Front plating? *3/32* and Coaming plate? *3/32*  
 Give scantlings and spacing of the Stiffeners? *7 x 3 1/2 x 40 bulk angles, spaced 30"*  
 Are bracket 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*  
 How are the openings closed? *Shifting boards full height. Channels riveted to bulkhead*  
 Is the Forecastle at least as high as the main or top-gallant rail? *Yes* Has the Forecastle an efficient Iron Bulk'd. at after 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? *Covered by Bridge*  
 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?   
 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, 2, 4 & 5. 26-0 x 18-0		No. 3. 6-0 x 18-0							
Item.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	
COAMING.	Height above top of DECK	32	24	32	24						
	Thickness	Sides.....	1/8	1/20	1/8	1/20					
		Ends.....	3/32	1/20	1/8	1/20					
SHIFTING BEAMS OR WEB PLATES.	Number.....	<i>2 steel plates</i>	2	—	—						
	Section and Scantlings.....	<i>5/20</i>	5/20	—	—						
	Material.....	<i>Steel</i>	<i>Steel</i>	—	—						
FORE AND AFTERS.	Number.....	3	3	3	3						
	Section and Scantlings.....	<i>Op. 11 x 10 bulk 10 1/2 x 40</i>	10 1/2 x 40	<i>Op. 10 x 10 1/2 B</i>	10 x 10 1/2						
	Material.....	<i>5 8 1/2 x 5 x 20</i>	5 8 x 20	<i>5 7 1/2 x 5 x 20</i>	5 7 1/2 x 20						
HATCHES Thickness.....	3	2 1/2	3	2 1/2							
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.)

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.

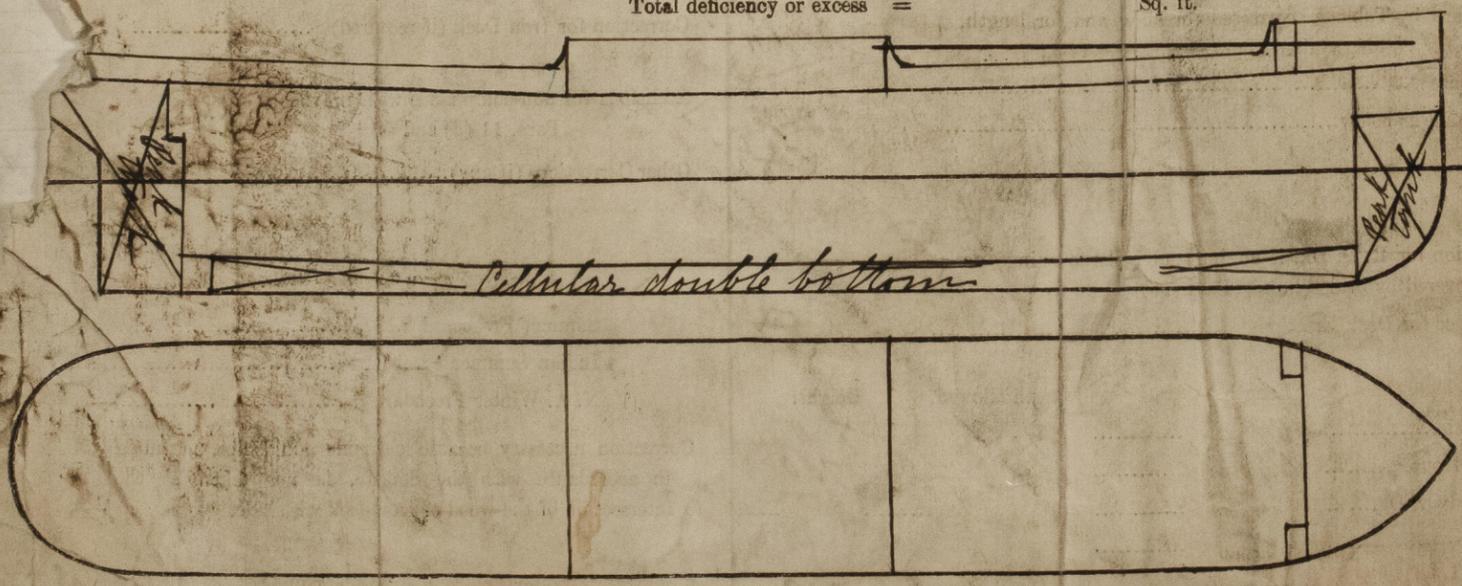
What is the thickness of the Bridge Sheerstrake? *and* Strake between Main and Bridge Sheerstrakes? *In one 10/20*

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		

 Total deficiency or excess = Sq. ft.



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 *100k vessel and deep framing.*  
*The approved midship section and profile are forwarded herewith for reference.*

Owners *Muddart, Parker & Co. Proprietary Ltd*  
 Address *Melbourne*

Fee £ \_\_\_\_\_

Received by me \_\_\_\_\_

