

# Lloyd's Register of Shipping

## SURVEYS FOR FREEBOARD.—STEAM SHIPS.

14757

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 Rotterdam

Date of Survey Dec 14<sup>th</sup> 1925

Name of Surveyor L. Vuyk

*AT. COPY WRITTEN*  
*LINDFIELD*

|  |   |                                   |  |                                 |   |
|--|---|-----------------------------------|--|---------------------------------|---|
| Ship's Name.<br><b>S.T. "ST. CLAUDE"</b> | Port of Registry and Nationality.<br><u>Sydney N.S.W. British</u> | Official Number.<br><u>144336</u> | Gross Tonnage.<br><u>not yet given</u> | Date of Build.<br><u>1920-3</u> | Particulars of Classification.<br><b>+ A 1. for towing purposes</b> |
| Number in Register Book <u>32061</u>     |   |                                   |  |                                 |   |

|   |                         |  |   |   |
|---|-------------------------|--|---|---|
| Registered dimensions from Ship's Register. | LENGTH.<br><u>135.5</u> | BREADTH.<br><u>29.05</u>   | DEPTH.<br><u>13.65</u>  | UNDER DECK TONNAGE.<br><u>371.18</u>              |
| Length on LOADLINE.                         | <u>135.0</u>            | Frame Depth Rule<br><u>6 3/2</u><br><u>2 1/2</u><br><u>x2 = 42</u> | Ceiling Sheer<br><u>+ 74</u><br>Depth<br><u>14.92</u><br>Ord. Floor | Peak Tanks For D.B.<br><u>4.16</u><br><u>4.40</u> |
| CORRECTED DIMENSIONS.                       | <u>135.0</u>            | <u>28.63</u>   | <u>15.66</u>  | <u>379.74</u>                                     |

Moulded Depth as measured..... 16'-2 1/4"  
 Wood str. less stringer 3"  
 Addition for Keel below base line for draught record..... 6 inches. (Bar keel)

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>135.00</u>   |
| Length in Table .....                 | <u>190.75</u>   |
| Difference .....                      | <u>55.75</u>  |
| Correction for 10ft., Table A. ....   | <u>1.0</u> Table C. <input checked="" type="checkbox"/> |
| x Difference divided by 10 .....      | <u>5.575</u> (if required.)                             |
| If 1/10ths length covered divide by 2 | <u>-5 1/2"</u>  |

CORRECTION FOR IRON DECK.  
 Proportion covered, if less than 1/10ths length covered ..... flush deck  
 Thickness of usual wood deck, less stringer ..... allowed in Mtd. Depth reduced

CORRECTION FOR ROUND OF BEAM.

|   |  |
|---|--|
| Breadth at Gunwale amidships.....             | <u>29.0</u>  |
| Round of Beam .....                           | <u>7</u>   |
| Normal round.....                             | <u>7.25</u>  |
| Difference .....                              | <u>25 ÷ 2 = 12.5</u>                                   |
| Proportion of Deck uncovered (Para. 19) ..... | <u>100% 125% X</u> <input checked="" type="checkbox"/> |

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

Co-efficient of fineness..... .627  
 Any modification necessary [Para. 4 (a) to (e)]\*  
 Co-efficient as corrected ..... .68 (lowest in Tables)

Sheer { Stem..... 67.75 } 97.375 ÷ 2 = 48.687... Mean 36 | 26.61  
 at { Sternpost... 29.625 } .74  
 Sheer at 1/2 of the length from { Stem 40.125 } 55.125 ÷ 2 = 27.562... Mean 50.11  
 { Sternpost 15.0 } 55.125 ÷ 2 = 27.562... Mean 50.11  
 Gradual mean Sheer ..... allowed 49.40  
 Standard mean Sheer [Table, Para. 18] ..... 23.50 Correction 26.61  
 Difference..... 25.90 ÷ 4 =  
 § If limited as Para. 18 (f) ..... 23.50 ÷ 4 = 2.94 -3"

Rise in Sheer { At front of bridge house.....  
 from amidships { At after end of forecastle .....   
 [Para. 18 (e)]  
 Fall in Sheer { 1 3/4 ÷ 2 = .875 \*  
 Para. 18 (d) }  
 Length uncovered ..... + 1" Correction

|   |               |                     |
|---|---------------|---------------------|
| Freeboard, Table A .....  | <u>30.69</u>  | <u>2' - 6 3/4"</u>  |
| Correction for Sheer .....  | <u>- 2.94</u> | <u>- 3"</u>         |
| Correction for Length .....   | <u>27.75</u>  | <u>2' - 3 3/4"</u>  |
| Correction for Length .....   | <u>- 5.57</u> | <u>- 5 1/2"</u>     |
| Allowance for Deck Erections .....  | <u>22.18</u>  | <u>1' - 10 1/4"</u> |
| Correction for Round of Beam.....   | <u>+ .12</u>  |                     |
| Correction for fall in Sheer (if any).....  | <u>22.30</u>  |                     |
| Correction for Steel Deck (if required) .....   | <u>+ .88</u>  | <u>+ 1"</u>         |
| Other Corrections (if any) <u>Scantlings</u> .....  | <u>23.18</u>  | <u>1' - 11 1/4"</u> |
| Winter Freeboard .....  |               | <u>2' - 2 1/4"</u>  |
| Summer Freeboard .....  |               | <u>2' - 0 3/4"</u>  |
| Indian Summer Freeboard .....   |               | <u>1' - 11 1/4"</u> |
| N.A. Winter Freeboard .....   |               |                     |
| Correction necessary because clearside amidships, measured in accordance with the Statute is not taken at the intersection of the <del>wood</del> steel deck with side. |               | <u>+ 1/4"</u>       |
| Winter Freeboard from deck line .....   |               | <u>2' - 3 1/2"</u>  |
| Summer " " " " .....  |               | <u>2' - 2"</u>      |
| Indian Summer " " " " .....   |               | <u>2' - 0 1/2"</u>  |
| N.A. Winter " " " " .....   |               |                     |

ALLOWANCE FOR DECK ERECTIONS :—  
 Freeboard, Table C.....  
 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) }  
 Difference .....

Percentage as below.....

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

| Length.  | Length allowed. | Height. |
|--|-----------------|---------|
| Forecastle..... <u>Removed</u>                         |                 |         |
| Bridge House .....                                     |                 |         |
| † Raised Qr. Dk. ....                                  |                 |         |
| Poop.....  |                 |         |
| Total .....  |                 |         |
| Length of Ship .....                                   |                 |         |
| Corresponding percentage { (Para. 11, 12, 13, or 14) } |                 |         |

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

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

22 DEC 1925

† In vessels 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.  
 ‡ In flush-decked vessels the total standard mean sheer means the sheer measured at the stem and sternpost. In vessels having poops and forecastles, it means the sheer measured at points distant one-eighth of the vessel's length from stem and stern-post.

2' - 2"  
 3 1/2"  
 1 1/2"  
 1 1/2"

MARKING FORM RECEIVED 23 AUG 1926

MARKING FORM RECEIVED 2 JAN 1926

Do all the Frames extend to the top height in the Poop?  Raised Quarter Deck?  Bridge House?  Forecastle?   
 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?   
 Give particulars of the means for closing the openings in Bulkhead   
 What is the thickness of the Bridge Front plating?  and Coaming plate?   
 Give scantlings and spacing of the Stiffeners   
 Are bracket plates fitted at each end of the Stiffeners?  Are hor'l. brackets fitted connecting Bridge Bulk'd. with Bulwarks?   
 Has the Bridge House an efficient Iron Bulkhead at the after end?   
 How are the openings closed?   
 Is the Forecastle at least as high as the main or top-gallant rail?  Has the Forecastle an efficient Iron or Wood Bulk'd. at after end?   
 Are the Engine and Boiler openings covered by a Bridge, Poop, Raised Quarter Deck, or enclosed by a Strong Iron or Steel Deckhouse?  *No, exposed*  
 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 *Boiler Casing Coaming .28 plating .26 stiff. 3x3x.30 spaced ±28"*  
*Engine Casing Coamingplate .32 stiff. 2 1/2x2 1/2x.28 spaced ±24"*  
 What is the height of the exposed Casings? *Boiler Casing 7'9"* Are suitable means provided for closing all openings in them in bad weather?  *Yes*  
*Engine Casing 3'6"*  
 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:— *No hatchways, except coal hatch to cross bunker.*

| Position and Size.            |                          | Ship. | Rule. |
|-------------------------------|--------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| COAMING.                      | Height above top of DECK |       |       |       |       |       |       |       |       |       |       |
|                               | Thickness                |       |       |       |       |       |       |       |       |       |       |
| SHIFTING BEAMS OR WEB PLATES. | Number                   |       |       |       |       |       |       |       |       |       |       |
|                               | Section and Scantlings   |       |       |       |       |       |       |       |       |       |       |
|                               | Material                 |       |       |       |       |       |       |       |       |       |       |
| * FORE AND AFTERS.            | Number                   |       |       |       |       |       |       |       |       |       |       |
|                               | Section and Scantlings   |       |       |       |       |       |       |       |       |       |       |
|                               | Material                 |       |       |       |       |       |       |       |       |       |       |
| HATCHES                       | Thickness                |       |       |       |       |       |       |       |       |       |       |
| 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?

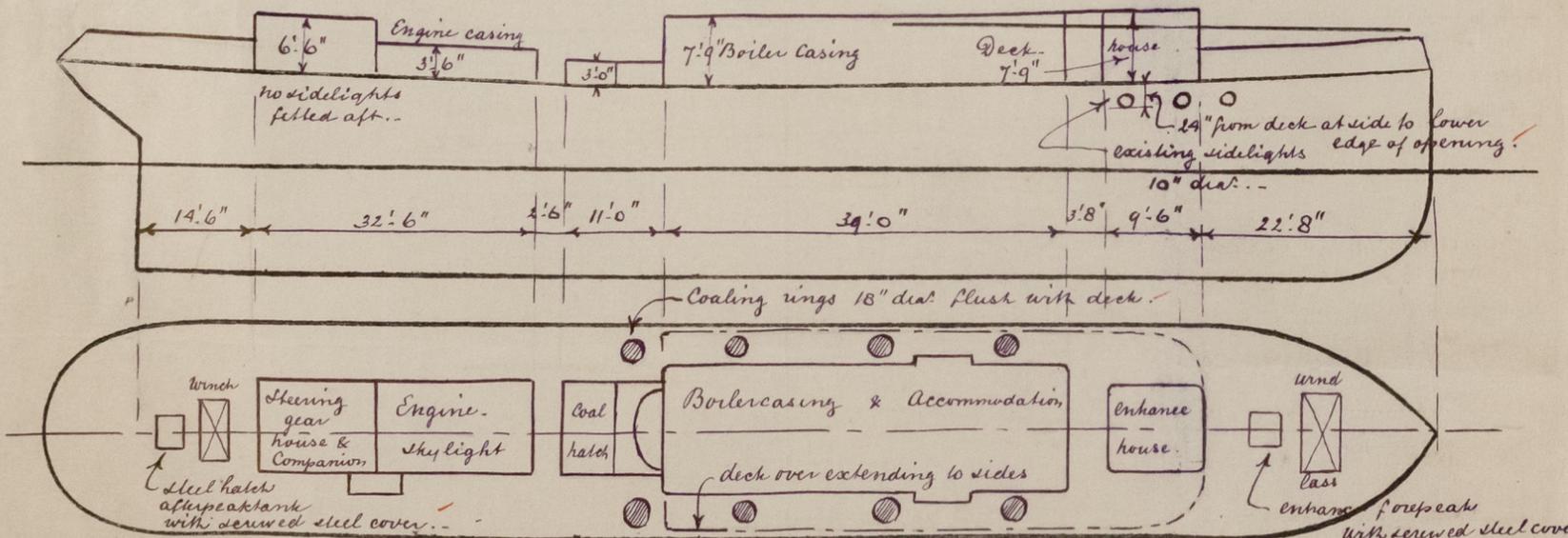
Delete the words  The Crew are, are not, berthed in the bridge house. *below deck*  
 that do not apply  The arrangements to enable them to get backwards and forwards from their quarters are, are not satisfactory.

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. |
| 2.5  | x       | 1.0  | x       | 6   |   |         |
| 1.75 | x       | 1.75 | x       | 1   |   |         |

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 *The forecastle deck originally fitted has been removed*

Builder's name and yard number *and the bulwarks continued right up to stem.*

Names of sister vessels *Steaming "St Erth" Rotterdam Report No. 14604.*

Owners *Messrs J Fenwick & Co Ltd. Application form attached to this report.*

Address *Sydney N.S.W. 28 O'Connell street.*

Fee of *36.00* will be received by me *L. Vuyk.*



Lloyd's Register Foundation

Particulars of Dimensions from Ship's Register. Registered dimensions from Ship's Register.

Number in... st... by... in...

length of Ship corresponding pe... (Para. 11, 12, 13) REEBBOARD

If the frames, skin of ceiling should in vessels obtaining... ships the height o... In flush-decked vess... post. In vessels one-eighth of the... T.-