

Lloyd's Register of British & Foreign Shipping.

SURVEYS FOR FREEBOARD.

WED. 23 MAY 1906

ARTICULARS IN RESPECT OF STEAM SHIPS WITH TOP GALLANT FORECASTLES, HAVING LONG POOPS OR RAISED QUARTER DECKS CONNECTED WITH BRIDGE HOUSES, OR SHORT POOP AND BRIDGE HOUSE DISCONNECTED, OR BRIDGE HOUSE.

Delete words which do not apply.

Port of Survey Hull

Date of Survey 21st May 1906

Name of Surveyor Alison B. Wilson

Ship's Name.	Gross Tonnage.	Official Number.	Type of Ship.	Date of Build.	Particulars of Classification.
<u>Silian S.S.</u>	<u>320</u>	<u>122842</u>	<u>Well Deck</u>	<u>1906</u>	<u>100A1. (Contemplated.)</u>
Number in Register Book <u>68 in Aug.</u>					

Registered Length as shown by ship's register. 134-0 Breadth 24-0 Depth 10-27

Length on Loadline 134-0
Breadth 24-0

Moulded Depth as measured 11-3

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

Depth 10-27
Correction for excess or deficiency of Gradual Sheer (Para. 3) 1-42
Depth to be used 10-69

Tons and Dk. 224-01
 $\times 100$

CORRECTION FOR LENGTH.

Length of Ship on Loadline 134
Length in Table 185
Difference 1

Correction for 10ft., Table A. .9 Table C. .5
 \times Difference divided by 10 .09 (if required.)
If $\frac{1}{10}$ ths length covered divide by 2 for vessels coming under Para. 11 and Para. 12 ✓

CORRECTION FOR IRON DECK.

Proportion covered, if less than $\frac{1}{10}$ ths length covered 4-77
Thickness of usual wood deck, less stringer 2-2

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships 23-6
Round of Beam 1
Normal round 5-87
Difference 1-3
Proportion of Deck uncovered (Para. 19) ✓

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

Free peak tank exempt 9-00
236-01

Co-efficient of fineness .686
Any modification necessary [Para. 4 (a) to (e)] Deep floors 15" 4 Deck fr.
Co-efficient as corrected .69

Sheer { Stem... 42 } 48 $\div 2 = 39$ Mean
at { Sternpost... 36 }

Sheer at $\frac{1}{2}$ of the length from { Stem 22 } 42 $\div 2 = 21$ Mean
{ Sternpost 20 }

Gradual Sheer 38-64
Standard Sheer (Table, Para. 18) 78-4
Difference 15-24
 $\frac{7-02}{4} = 1-75$

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

ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C. 2-2
Correction for Length, if required (Para. 12 and 13) ✓
Freeboard by Table A. corrected for sheer, and for length, if required (Para. 12 and 13) 1-4
Difference 1-6
Percentage as below 29-04%

Correction for engine and boiler openings not being covered by bridge house, in cases coming under Para. 11 ✓

Length.	Length allowed.	Height.
Forecastle <u>19-75</u>	<u>19-75</u>	<u>6-9</u>
Bridge House <u>✓</u>	<u>41-1</u>	
† Raised Qr. Dk. <u>44-25</u>	<u>44-25</u>	<u>3-0</u>
Poop <u>✓</u>	<u>60-85</u>	
Total	<u>64-00</u>	<u>47-7</u>

Length of Ship 60-85
 $\frac{60-85 \times 8}{134} = 3-63$ eighths

Corresponding percentage (Para. 11, 12, or 13.) 29-04%

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	" " "	...

Winter Freeboard 11
Summer Freeboard 9-2
N. A. Winter Freeboard ✓

Correction necessary because clear side amidships measured in accordance with the Statutes is not taken at the intersection of the wood or iron deck with side. +

Winter Freeboard from deck line § 1-0
Summer " " " 10-2
N. A. Winter, " " " ✓

MARKING REPORT
RECEIVED 25 MAY 1906

RECEIVED 13 SEP 1924

DELETE WORDS WHICH DO NOT APPLY.

The Crew ~~are~~, are not, berthed in the bridge house.

The arrangements to enable them to get backwards and forwards from their quarters ~~are~~, are not satisfactory. *No special arrangements.*

Length of Bulwarks in well

Area of freeing ports required by Para. 11 (e) each side of vessel

Sq. Ft.

Freeing Ports (each side of vessel)

Ft. Tenth. Ft. Tenth. No.
2. 25 x 1. 23 x 3

= 8.44 Sq. Ft.

Total deficiency = Sq. Ft.

Total excess =

Vertical distance from bottom of keel or from top of deck at side amidships to lower edge of lowest side scuttle.

(N.B.—This dimension need not be reported unless the sill of the lowest side scuttle would be less than 6 inches above the Indian Summer Load Line if assigned under the tables.)

Do all the Frames extend to the top height in the Poop? ☒

Do. do. do. in the Raised Quarter Deck? *Yes*

Do. do. do. Bridge House? ☒

Do. do. do. Forecastle? *Yes*

To what height do the Reverse Frames extend? *Across floors. (Frame dipping single angle)*

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 *No openings*

Is the ~~Poop~~ or raised Quarter Deck connected with the Bridge House? *No Bridge House*

State whether the Bridge House efficiently covers the Engine and Boiler Openings *No*

Has the Bridge House an efficient Iron Bulkhead at the fore end? ☒

Give particulars of the means for closing the openings in Bulkhead ☒

Describe how and to what extent it is Stiffened, give scantlings and spacing of Angle Irons, Bulk Plates, etc. ☒

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? *Yes*

Has the Forecastle an efficient Iron or Wood Bulkhead at its after end? *Yes*

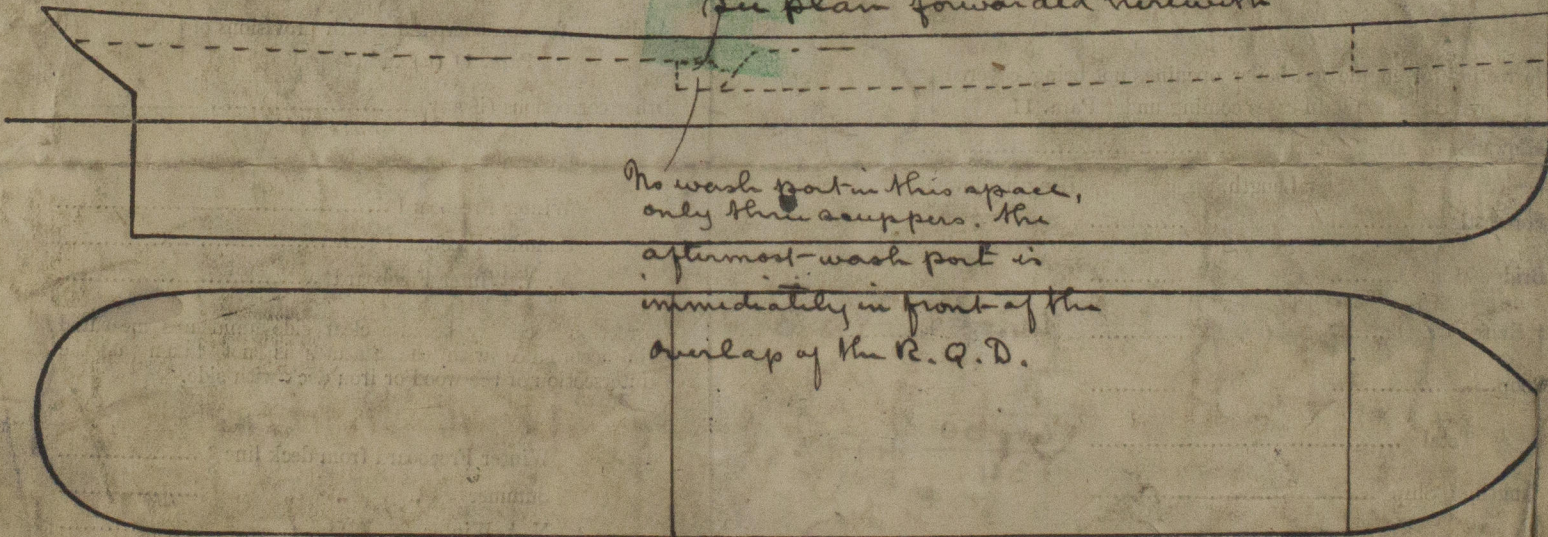
Are the Hatchways efficiently constructed? *Yes* What is the thickness of the Hatches? *2 1/2*

State the height of the Coamings in fore well? *36* In after well? ☒

Are the exposed parts of the Engine and Boiler Casings efficiently constructed? *Yes*

State any special features in the construction of the Vessel ☒

The Builders will return it a favour if the foreboards to be recommended to the Committee, are wired to this office tomorrow, Wednesday, as the vessel is likely to leave the Gool on Thursday the 24th instant. See plan forwarded herewith



Show hereon the actual measurements of sheer, draft, erections, breaks in line of floors, &c.

Owners *The Gool S & A Co Ltd*

Address *Gool*

Fee £ *New*

Received by me



© 2021

Lloyd's Register Foundation