

EXT 111 no. 17/6/32

14195 7791

Lloyd's Register of British & Foreign Shipping.

SURVEYS FOR FREEBOARD. SAT. 1 SEP 1906

PARTICULARS 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.

Port of Survey Bristol
Date of Survey 31st Aug 1906
Name of Surveyor Charles Cooper

"BALTIMA" of Mollerborg
Delete words which do not apply.

| Ship's Name. | Gross Tonnage. | Official Number. | Type of Ship. | Date of Build. | Particulars of Classification. |
|-------------------------|----------------|------------------|--|----------------|--------------------------------|
| <u>or Helmingborg</u> | <u>2258</u> | <u>3548</u> | <u>Single Deck</u> <u>Steel Steamer</u> | <u>1900:1</u> | <u>Z100A/105</u> |
| Number in Register Book | | | | | |

Registered Length as shown by ship's register. } 302.6
 Breadth 43.2
 Depth 19.8

Length on Loadline 302.6
 Breadth 43.2

Moulded Depth as measured..... 22.3 1/2

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

Depth..... 19.8
 Correction for excess or deficiency of Gradual Sheer (Para. 3) -5.4
 Depth to be used..... 20.34

Including peak tanks
 Tons and. Dk. 2132.69
 x 100

CORRECTION FOR LENGTH.

| | |
|--|---------------------|
| Length of Ship on Loadline..... | 302.6 |
| Length in Table | 267.5 |
| Difference | 35.1 |
| Correction for 10ft., Table A. | 1.2 |
| Table C. | 6 |
| x Difference divided by 10 | 42.2 (if required.) |
| If 1/10ths length covered divide by 2 for vessels coming under Para. 11 and Para. 12 | + 4.2 |
| | + 2 |

Co-efficient of fineness 80
 Any modification necessary [Para. 4 (a) to (e)*] } Cell. D.P. & deep framing
 Co-efficient as corrected 79

CORRECTION FOR IRON DECK.

| | |
|---|---------|
| Proportion covered, if less than 1/10ths length covered | 432 |
| Thickness of usual wood deck, less stringer..... | 3 1/2 |
| | - 1 1/2 |

Sheer { Stem... 84 }
 at { Sternpost... 36 } } 120 ÷ 2 = 60 ... Mean

Sheer at 1/4 of the length from { Stem 45.5 }
 { Sternpost 20.5 } } 66.0 ÷ 2 = 33.0 ... Mean

Gradual Sheer
 Standard Sheer (Table, Para. 18)..... 40.26
 Difference..... 19.74 ÷ 4 = -5"

CORRECTION FOR ROUND OF BEAM.

| | |
|---|---------|
| Breadth at Gunwale amidships..... | |
| Round of Beam..... | 10 1/2 |
| Normal round | 10 1/2 |
| Difference | ✓ ÷ 2 = |
| Proportion of Deck uncovered (Para. 19) | |

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

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

ALLOWANCE FOR DECK ERECTIONS:—

| | |
|--|------------|
| Freeboard, Table C..... | 1 + 10 1/2 |
| Correction for Length, if required (Para. 12 and 13) | + 2 |
| Freeboard by Table A, corrected for sheer, and for length, if required (Para. 12 and 13) } | 2 - 0 1/2 |
| Difference | 4 - 7 |
| Percentage as below..... | 2 - 6 1/2 |
| | 27.24 |

| | |
|--|------------|
| Freeboard, Table A | 4 - 7 1/4 |
| Correction for Sheer | - .5 |
| Correction for Length | + 4.2 |
| Allowance for Deck Erections | 4 - 7 |
| | - .8 1/4 |
| Correction for Round of Beam..... | 3 - 10 3/4 |
| Correction for Iron Deck (if required) | - 1 1/2 |
| Additions for non-compliance with provisions of Para. 11 (d) and (e) † | 3 - 9 1/4 |
| Other corrections (if any)..... | |

Correction for engine and boiler openings not being covered by bridge house, in cases coming under Para. 11 }
 Allowance for Deck Erections - .8 1/4

| | Length. | Length allowed. | Height. |
|----------------------|---------|-----------------|---------|
| Forecastle..... | 31.0 | 31.0 | x 7.0 |
| Bridge House | 49.0 | 49.0 | x 4.3 |
| † Raised Qr. Dk..... | ✓ | | |
| Poop..... | 21.0 | 21.0 | x 4.3 |
| Total | | 131 | |
| Length of Ship | | 302.6 | = 43.2 |

| | |
|---|------------|
| Winter Freeboard | 3 - 9 1/4 |
| Summer Freeboard | 3 - 6 1/4 |
| N. A. Winter Freeboard | 3 - 11 1/4 |
| 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. } | + 1 3/4 |
| Winter Freeboard from deck line § | 3 - 11 |
| Summer " " " " | 3 - 8 |
| N. A. Winter, " " " " | 4 - 1 |

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

| | | |
|----------------------------|----------------------|--------|
| Fresh Water Line | above centre of Disc | 3" 8" |
| Indian Summer Line | " " " | 4 1/2" |
| Winter Line | below " " " | 3" |
| Winter North Atlantic Line | " " " | 3" |

Amended Tables March, 1905.

002215-002221-0139



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 arrangements*

Length of Bulwarks in well *75.8'*

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

15.16 Sq. Ft.

Freeing Ports (each side of vessel)

| | | | | | | |
|------------|----------|--|-------------|----------|--|----------|
| Ft. | Tenths. | | Ft. | Tenths. | | No. |
| <i>2.5</i> | <i>x</i> | | <i>1.25</i> | <i>x</i> | | <i>3</i> |
| | <i>x</i> | | | <i>x</i> | | |

= *9.375* Sq. Ft.

Total deficiency = *5.785* 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? *Yes*

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

Do. do. do. Bridge House? *Yes*

Do. do. do. Forecastle? *Yes*

To what height do the Reverse Frames extend? *Main deck*

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*

State whether the Bridge House efficiently covers the Engine and Boiler Openings *Yes*

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

Give particulars of the means for closing the openings in Bulkhead *2 square ports with hinged iron doors*

Describe how and to what extent it is Stiffened, give scantlings and spacing of Angle Irons, Bulb

Plates, etc. *8' x 3" bulb angles with brackets top & bottom 29 feet*

Has the Bridge House an efficient Iron Bulkhead at the after end? *Yes*

How are the openings closed? *Wood storm boards in angles full height & covered with iron bolted doors*

Is the forecastle at least as high as the main or top-gallant rail? *Yes*

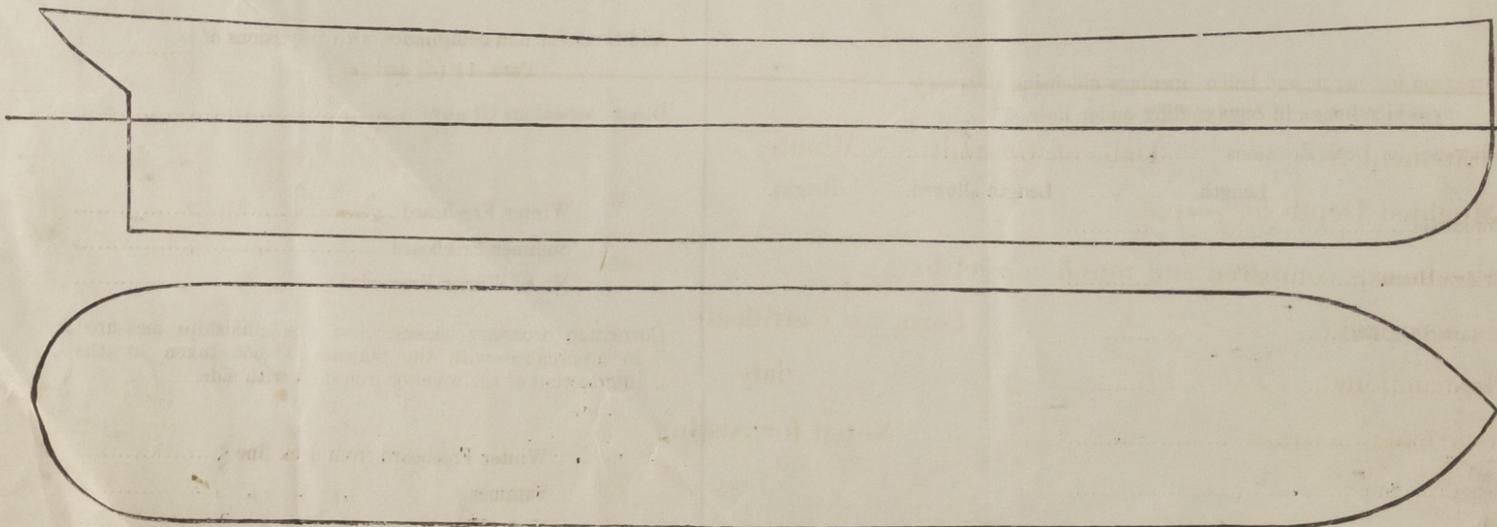
Has the Forecastle an efficient Iron or Wood Bulkhead at its after end? *Yes*

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? *3.15'* In after well *3.15'*

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

State any special features in the construction of the Vessel



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

Owners *C. Corfitzen*

Address *Helsingborg*

Fee *4* Received by me *Engelob*

Recd for *31st Aug 1906*

