

LLOYD'S REGISTER OF BRITISH AND FOREIGN SHIPPING.

SURVEYS FOR FREEBOARD.

FRI. DEC 29 1899

PARTICULARS IN RESPECT OF STEAM SHIP WITH TOP GALLANT FORECASTLE
HAVING LONG POOPS OR RAISED QUARTER DECKS CONNECTED WITH BRIDGE HOUSES
OR SHORT POOP AND BRIDGE HOUSE DISCONNECTED, OR BRIDGE HOUSE

Port of Survey WEST HARTLEPOOL
Date of Survey Whilst building
Name of Surveyor Chas. Forth

Messrs W Gray & Co. No. 800

| Ship's Name. | Gross Tonnage. | Official Number. | Type of Ship. | Date of Build. | Particulars of Classification. |
|---|----------------|------------------|---|----------------|----------------------------------|
| <u>Helsingborg</u> | <u>✓</u> | <u>✓</u> | <u>2nd rule 1st class framing</u> | <u>1899</u> | <u>*100A1 (contemplated)</u> |
| Number in Register Book <u>37th Sup.</u> | | | | | |

Registered Length 302.6 Breadth 43.2 Depth 19.8

Length on Loadline 302.6

Breadth 43.2

13072.32

Depth 19.8 Tons und. Dk. 2117.69
258831 Apr pk tank 15.69
2132.69

2132.69
258831 =

Co-efficient of fineness 0.824
Any modification necessary Cell 073 & deep framing
[Para. 4 (a) to (e)]
Co-efficient as corrected 0.82

Sheer { Stem... 84 allward
at { Sternpost... 36 82.7 $\div 2 = 119.9$ Mean 60
Sheer at $\frac{1}{8}$ of the length from { Stem 45.5 } less than 55%
Sternpost 20.5 } 33 mean
Standard Sheer (Table, Para. 16) 40.2 Correction
Difference 19.8 $\div 4 = -5$

Rise in Sheer { At front of bridge house...
from amidships { At after end of forecastle...
[Para. 16 (e)]

ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C. 2.5 3/4
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) 4.7 3/4
Difference 2.0
Percentage as below 35.2%

Correction of R. Q. Dk. less than 4ft. high, or if engine and boiler openings not covered by bridge house ✓

*Allowance for Deck Erections 8.45

| | Length. | Length allowed. | Height. |
|--------------------|-------------|-----------------|------------|
| Forecastle..... | <u>31.0</u> | <u>31.0</u> | <u>7.0</u> |
| Bridge House | <u>79.0</u> | <u>79.0</u> | <u>7.3</u> |
| Raised Q. Dk. | | | <u>7.3</u> |
| Poop..... | <u>21.0</u> | <u>21.0</u> | <u>7.3</u> |
| Total | | <u>131.0</u> | |

Length of Ship 302.6
Corresponding percentage 43.2% of deck covered
(Para. 11, 12, or 13.) deduct 35.2% of difference

FREEBOARD recommended amidships from centre of Disc to top of Statutory Deck Line:—

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

29.12.99

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

CORRECTION FOR LENGTH:—

| | |
|---|--|
| Length of Ship on load line..... | <u>302.6</u> |
| Length in Table | <u>267.5</u> |
| Difference* | <u>35.1</u> |
| Correction for 10ft., Table A. | <u>1.2</u> |
| × Difference* divided by 10 | <u>4.21</u> |
| If $\frac{1}{10}$ ths length covered divide by 2. | <u>(if required.) + 2.18</u> <u>+ 4 1/2</u> |

CORRECTION FOR IRON DECK:—

| | |
|--|----------------|
| Proportion covered, if less than $\frac{1}{10}$ ths length covered | <u>43.2%</u> |
| Thickness of usual wood deck, less stringer..... | <u>3 1/2</u> |
| | <u>- 1 1/2</u> |

CORRECTION FOR ROUND OF BEAM:—

| | |
|--------------------|----------------|
| Round of Beam..... | <u>10 1/2</u> |
| Normal round | <u>10 1/2</u> |
| Difference | <u>0</u> |
| | <u>÷ 2 = 0</u> |

Proportion of Deck uncovered (Para. 17) ✓

| | |
|------------------------------------|-----------------|
| Freeboard, Table A | <u>4.8 1/2</u> |
| Correction for Sheer | <u>- 5</u> |
| Correction for Length | <u>4.3 1/2</u> |
| Allowance for Deck Erections | <u>4.7 3/4</u> |
| Correction for Round of Beam..... | <u>- 8 1/2</u> |
| | <u>3.11 1/4</u> |

Correction for Iron Deck (if required) - 1 1/2
3.9 3/4

Additions for non-compliance with provisions of Para. 11 (e) and (f) ✓

Other corrections (if any) ✓

| | |
|------------------------------|-----------------|
| Winter Freeboard | <u>3.9 3/4</u> |
| Summer Freeboard | <u>3.6 3/4</u> |
| N. A. Winter Freeboard | <u>3.11 1/4</u> |

Correction necessary because clear side amidships measured in accordance with the Statutes is not taken at the intersection of the deck with side. + 1 1/4

| | |
|--|-----------------|
| Winter Freeboard from deck line† | <u>3.11 1/2</u> |
| Summer " " " " | <u>3.8 1/2</u> |
| N. A. Winter,, " " " " | <u>4.1 1/2</u> |

| | |
|--|----------------|
| | <u>3.8 1/2</u> |
| | <u>4 1/2</u> |
| | <u>3</u> |
| | <u>3</u> |
| | <u>5</u> |

* Particulars should be stated on the back of this Form as to the character of the Erections, and whether closed in or not.

† State dimensions of freeing port area on the back of this form.
‡ Marked in accordance with Sec. 25, 76.

14195

ERASE 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.

Length of Bulwarks in well $\times 2 \div$ = Sq. Ft.
Freeing Ports

| Ft. | Tenths. | Ft. | Tenths. | No. | } | = Sq. Ft. |
|----------|---------|----------|---------|----------|---|-----------|
| \times | | \times | | \times | | |
| \times | | \times | | \times | | |

Total deficiency = Sq. Ft.

Total excess =

CHARACTER OF DECK ERECTIONS.

Do all the Frames extend to the top height in the Poop? *yes*

Do. do. do. do. Raised Quarter Deck? *yes*

Do. do. do. do. Bridge House? *yes*

Do. do. do. do. Forecastle? *yes*

To what height do the Reverse Frames extend? *All upper deck*

Has the Poop ~~or Raised Quarter Deck~~ an efficient Iron Bulkhead at its fore end? *yes*

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*

Are efficient Doors fitted to the Passage Ways? *yes*

Describe how and to what extent it is Stiffened, by angle Irons, Bulb Plates, or otherwise *As per Rule*

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

Are efficient Doors fitted to the Passage Ways? *Storm boards*

Are efficient Iron Doors fitted to the Passages of the Bridge House, or is it entered from above? *After end*

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

Are the Hatchways efficiently constructed? *yes* State the height of the Coamings *33" to 38"*

Are the Hatches solid? *yes* What is their thickness? *3"*

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

State any special features in the construction of the Vessel *Cellular double bottom, and deep framing. This is a sister vessel to the S.D. "Sheppy Allison", W Hartlepool Report No. 11018.*

These particulars are in confirmation of those forwarded in W Hartlepool Report No. 10904.

C.F.

Owners

Address

Fee £

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for 31.5 by 1006