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(For London Office only.)

Lloyd's Register of Shipping.

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 Middlesbrough
Date of Survey June 1932
Name of Surveyor

THORPENESS

| Ship's Name. | Port of Registry and Nationality. | Official Number. | Gross Tonnage. | Date of Build. | Particulars of Classification. |
|---------------------------------------|-----------------------------------|------------------|----------------|----------------|--------------------------------|
| S/S <u>Bennet</u> | <u>British</u> | <u>135099</u> | <u>4798</u> | <u>1914/7</u> | <u>+ 100 A. 1</u> |
| Number in Register Book <u>London</u> | <u>Leith</u> | | | | |

| Registered dimensions from Ship's Register. | LENGTH. | BREADTH. | DEPTH. | UNDER DECK TONNAGE. |
|---|---------------|--|---|------------------------------|
| | <u>405.0</u> | <u>51.50</u> | <u>26.95</u> | <u>4308.70</u> |
| Length on LOADLINE. | <u>388.41</u> | Frame Depth <u>7 1/2</u> Rule <u>6</u> <u>2 x 3 1/2</u> Tank drops <u>= .58</u> 3" at margin Span fitted = <u>+ 1.25</u> | Ceiling <u>+ 20</u> Sheer <u>+ .99</u> | Peak } <u>2ne</u> Tanks } |
| CORRECTED DIMENSIONS. | <u>388.41</u> | <u>50.92</u> | <u>28.265</u> | <u>4308.70</u> |

Co-efficient of fineness..... .77
Any modification necessary }
[Para. 4 (a) to (e)]* } -.02
Co-efficient as corrected75

Sheer { Stem..... 114
at { Sternpost ... 57 } $171 \div 2 = 85.5$ Mean $\frac{46.5}{.55} = 84.54$
Sheer at $\frac{1}{2}$ of the length from { Stem 62
Sternpost 31 } $93 \div 2 = 46.5$ Mean
Gradual mean Sheer 84.54
Standard mean Sheer [Table, Para. 18] 48.84 Correction
Difference..... $35.70 \div 4 = 8.92$
§ If limited as Para. 18 (f) -9

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

Fall in Sheer { lowest point of sheer is
Para. 18 (d) } $\div 2 =$ amidships
Length uncovered Correction

ALLOWANCE FOR DECK ERECTIONS :-

Freeboard, Table C..... 3'-11 1/2"
Correction for Length, if required (Para. 12, 13, and 14) + 2 3/4"
Freeboard by Table A, corrected for sheer, and for length, }
if required (Para. 11, 12, 13, and 14) } 4'-2 1/4"
Difference 6'-10 1/4"
Percentage as below..... 2'-8"
30.90%

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) -10"
Allowance for Deck Erections 9.89

| | Length. | Length allowed. | Height. |
|---|---|-----------------|----------------|
| Forecastle..... | <u>41.0</u> (+ 1/2 of diff. = .37) | <u>41.37</u> | <u>7'-6"</u> |
| Bridge House..... | <u>11.4</u> (16.50 - 0.41 = 16.09) + 9" for d | <u>109.50</u> | <u>7'-6"</u> |
| † Raised Qr. Dk..... | | | |
| Poop..... | <u>37.16</u> (+ 1/2 of diff. = .14) | <u>37.30</u> | <u>7'-6"</u> |
| Total | | <u>188.17</u> | <u>= 48.44</u> |
| Length of Ship | | <u>388.41</u> | |
| Corresponding percentage { (Para. 11, 12, 13, or 14) } | | <u>30.90%</u> | |

Moulded Depth as measured..... 29'-1"
Addition for Keel below base line for draught record..... inches.

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..... 388.41
Length in Table 349.00
Difference 39.41
Correction for 10ft., Table A. 1.5 Table C. .71
× Difference divided by 10 5.91 (if required.) 2.998
If 1/10ths length covered divide by 2 + 6" + 2 3/4"

CORRECTION FOR IRON DECK.

Proportion covered, if less than 1/10ths length covered
Thickness of usual wood deck, less stringer 3 1/2" - 1 3/4"

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships..... 49'-11 1/2"
Round of Beam 16 1/2"
Normal round..... 12 1/2"
Difference 4 ÷ 2 = 2
Proportion of Deck uncovered (Para. 19) 50.4 - 1"

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

Freeboard, Table A 7'-1 1/4"
Correction for Sheer - 9"
Correction for Length + 6
Allowance for Deck Erections 10
Correction for Round of Beam..... - 1
Correction for fall in Sheer (if any)..... ✓
Correction for Steel Deck (if required) - 1 3/4
Additions for non-compliance with provisions of }
Para. 11 (d) and (e) † } ✓
Other Corrections (if any) ✓

Winter Freeboard 5'-9 1/2"
Summer Freeboard 5'-4 1/4"
Indian Summer Freeboard 4'-11"
N. A. Winter Freeboard

Correction necessary because clearside amidships, measured in accordance with the Statute is not taken at the intersection of the wood or steel deck with side.

Winter Freeboard from deck line
Summer " " " "
Indian Summer " " " "
N. A. Winter " " " "

SUMMER FREEBOARD amidships from Centre of Disc to top of Deck Line, Wood, Steel, Deck :-

| | Length. | Length allowed. | Height. |
|--|----------------|-----------------|---------|
| Tropical Fresh Water Line above Centre of Disc | <u>11 1/2"</u> | | |
| Fresh Water Line | <u>6 1/2"</u> | | |
| Tropical Line | <u>5"</u> | | |
| Winter Line below | <u>5 1/2"</u> | | |
| Winter North Atlantic Line | <u>5"</u> | | |

Tropical Fresh Water Freeboard ... 4'-4 1/2"
Fresh Water " " " " ... 4'-9 1/2"
Tropical " " " " ... 4'-11"
Winter " " " " ... 5'-9 1/2"
Winter North Atlantic " " " " ...

28 JUN 32

MARKING FORM
30 MAR 1938
RECEIVED

MARKING FORM
RECEIVED 1-9 JAN 1931

MARKING FORM
RECEIVED 28 JUN 1932

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