

Amptd
30/52

Preliminary 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 _____
Date ~~27.12.23.~~ 27.12.23.
Name of Surveyor _____

Swan Hunter and Wigham Richardson, No 1243.

| | | | | | |
|-------------------------------|-----------------------------------|------------------|----------------|----------------|---|
| Ship's Name. | Port of Registry and Nationality. | Official Number. | Gross Tonnage. | Date of Build. | Particulars of Classification. |
| | | | | | <u>+ 100 A1. Contemplated (New Rules)</u> |
| Number in Register Book _____ | | | | | |

| | | | | |
|---|-----------------------|---|--|-----------------------------------|
| Registered dimensions from Ship's Register. | LENGTH. <u>235</u> | BREADTH. <u>36.0</u> | DEPTH. <u>14.0</u> | UNDER DECK TONNAGE. <u>930</u> |
| Length on LOADLINE. | <u>235</u> | Frame/Depth Rule <u>7 1/2</u> Ceiling <u>+ 20</u> Sheer <u>+ 36</u> | Peak Tanks } Encl. <u>Level tank</u> <u>aft + 5 tons</u> | |
| CORRECTED DIMENSIONS. | <u>235</u> | <u>35.71</u> | <u>14.56</u> | <u>935.</u> |

Moulded Depth as ~~measured~~ ^{given} 16'-1"

Addition for Keel below base line for draught record.....inches.

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

Co-efficient of fineness..... .765
Any modification necessary [Para. 4 (a) to (e)]* } C.D.B.
Co-efficient as corrected75

CORRECTION FOR LENGTH.

| | |
|---------------------------------------|--|
| Length of Ship on Loadline..... | <u>235.0</u> |
| Length in Table | <u>193.0</u> |
| Difference | <u>42.0</u> |
| Correction for 10ft., Table A. | <u>1.0</u> |
| Table C. | <u>.5</u> |
| × Difference divided by 10 | <u>4.2</u> (if required.) <u>2.1</u> |
| If 1/10ths length covered divide by 2 | <u>2.1 = +2" for Para. 11.</u> <u>+ 4/4 = 14.</u> |

= +2" Table C.

Sheer { Stem..... 66 }
at { Sternpost ... 25 1/2 } $91.5 \div 2 = 45.75$... Mean 46.59
33.50
13.09
36

Sheer at 1/3 of the length from { Stem 37 }
{ Sternpost 14 1/4 } $51.25 \div 2 = 25.62$... Mean 25.62
 $\div 55 = 46.59$

Gradual mean Sheer 45.75 + 46.59 46.17 25.62
Standard mean Sheer [Table, Para. 18] 33.50 20.10 Correction
Difference..... 12.67 5.52 $\div 4 = -3.16$ Par 11
§ If limited as Para. 18 (f) Par 11. -3 1/4"
Par 12. -1 1/2"

CORRECTION FOR IRON DECK.

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

CORRECTION FOR ROUND OF BEAM.

| | |
|---|---------------------------|
| Breadth at Gunwale amidships..... | <u>36.0</u> |
| Round of Beam | <u>9.0</u> |
| Normal round..... | <u>9.0</u> |
| Difference | <u>-</u> $\div 2 =$ |
| Proportion of Deck uncovered (Para. 19) | <u>-</u> |

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

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

¶ Fall in Sheer } $\div 2 =$

Length uncovered Correction

| | |
|--|------------------|
| Freeboard, Table A | <u>2'-9"</u> |
| Correction for Sheer | <u>-</u> |
| Correction for Length | <u>-8 1/4"</u> |
| Allowance for Deck Erections | <u>2-0 3/4</u> |
| Correction for Round of Beam..... | <u>-</u> |
| Correction for fall in Sheer (if any)..... | <u>-</u> |
| Correction for Iron Deck (if required) | <u>-3</u> |
| Additions for non-compliance with provisions of } Para. 11 (d) and (e) † } Other Corrections (if any) <u>Raised Quarter Deck</u> | <u>3-0</u> |
| Winter Freeboard | <u>4'-9 3/4"</u> |
| Summer Freeboard | <u>4-8</u> |
| Indian Summer Freeboard | <u>-</u> |
| N. A. Winter Freeboard | <u>-</u> |

ALLOWANCE FOR DECK ERECTIONS:—

| | | |
|--|-----------------|-------------------------------|
| Freeboard, Table C..... | <u>0-8 1/4"</u> | <u>0-8 1/4"</u> |
| Correction for Length, if required (Para. 12, 13, and 14) | <u>+ 2</u> | <u>0-10 1/4"</u> |
| Freeboard by Table A. corrected for sheer and for length, if required (Para. 12, 13, and 14) | <u>2-5 3/4"</u> | <u>3-1 1/4"</u> |
| Difference | <u>1-9 1/2"</u> | <u>2-3</u> |
| Percentage below..... | <u>40%</u> | <u>32%</u> |
| Par 11 <u>Sheer</u> <u>-3 1/4"</u> <u>Length</u> <u>+2</u> <u>Correction</u> <u>-7 1/2"</u> = <u>-8 3/4 @ 6/10</u> | <u>-8.60</u> | <u>8.64</u> |
| " 14. <u>-1 1/2"</u> <u>+4 1/4"</u> <u>-8 3/4"</u> = <u>-6 @ 7/10</u> | | <u>= 8 3/4</u> |
| Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) | <u>+ 1.2</u> | |
| Allowance for Deck Erections etc..... | <u>-8 1/4"</u> | <u>-7 1/2"</u> <u>-8 3/4"</u> |

Correction necessary because clearside amidships, measured in accordance with the Statute is not taken at the intersection of the ~~wood~~ steel deck with side. } 1 1/2"

| | | | |
|--|---|------------------------------|----------------------|
| Forecastle..... | Length. <u>25'-3"</u> | Length allowed. <u>25.25</u> | Height. <u>7'-0"</u> |
| Bridge House | | | |
| † Raised Qr. Dk..... | <u>145'-3"</u> $\times \frac{3.0}{5.9}$ | <u>111.70</u> | <u>3'-0"</u> |
| Poop..... | | | |
| Total | <u>170.5</u> | <u>136.95</u> | |
| Length of Ship | <u>235.0</u> = <u>.725</u> | <u>235.0</u> = <u>.582</u> | |
| Corresponding percentage } (Para. 11, 12, 13, or 14) } <u>Para. 11. = 40% for 6/10ths covered.</u> <u>" 14 = 32% - 5/10ths</u> | | | |

| | |
|---------------------------------------|-------------------|
| Winter Freeboard from deck line | <u>4'-11 1/4"</u> |
| Summer " " " " | <u>4-9 1/2</u> |
| Indian Summer " " " " | <u>-</u> |
| N. A. Winter " " " " | <u>-</u> |
| Winter Freeboard | <u>4'-9 1/2"</u> |
| Summer " " " " | <u>3 1/2</u> |
| Indian Summer " " " " | <u>1 1/2</u> |
| N. A. Winter " " " " | <u>-</u> |

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 | " " " " | |

⊛ If the frames, skin planking, or ceiling are of unusual thickness the breadth of vessel to inside of ceiling should be reported if possible.
† 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 stern-post. 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.

† State dimensions of freeing port area on back of this form.
‡ The Surveyor should state whether the fall in sheer as reported is measured relatively to the straight line of keel or to the water line. If measured relatively to water line the vessel's draft at time of survey, and also the usual load draft forward and aft should be reported.



