

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.—STEAM SHIPS.

RELATING TO ALL STEAM SHIPS EITHER FLUSH DECKED, OR WITH
ALLANT FORECASTLES, SHORT POOPS AND BRIDGE HOUSES DISCONNECTED, OR
TOP ALLANT FORECASTLES HAVING LONG POOPS, OR RAISED QUARTER DECKS
CONNECTED WITH BRIDGE HOUSES, OR OTHERWISE.

Port of Survey Southampton
Date of Survey June 14th 1920
Name of Surveyor John A. Lawson

White & Co. Ltd. No. 1545

Ship's Name	Port of Registry and Nationality.	Official Number.	Gross Tonnage.	Date of Build.	Particulars of Classification.
<u>"BILTON"</u>	<u>M'BRO</u>	<u>144936</u>	<u>745.63</u>	<u>1920</u>	<u>100 A. 1. contemplated</u>
Number in Register Book	<u>BRITISH</u>				

Length.	Breadth.	Depth.	Under Deck Tonnage.
<u>180.6</u>	<u>29.35</u>	<u>11.3</u>	<u>504.65</u>
<u>149-7/8</u>	Frame Depth 5 Rule „ 3 1/2	Ceiling +.20 Sheer +.95	Peak } Tanks }
	<u>1 1/2 x 2 = .25</u>	<u>Level Tank.</u>	<u>E.R - 1.44</u> <u>B.R + 4.38</u> <u>+ 2.94</u>
<u>149.62</u>	<u>29.10</u>	<u>12.45</u>	<u>504.59</u>

coefficient of fineness..... .449
modification necessary {
Para. 4 (a) to (e)]* {
coefficient as corrected46

{ Stem..... 46 } 124 ÷ 2 = 62 ...Mean
{ Sternpost ... 48 }
at 1/8 of the length from { Stem 42 1/2 } 68 1/2 ÷ 2 = 34 1/4 ...Mean
{ Sternpost 26 }
mean Sheer allowed 62.13 ÷ .53 = 62.27
mean Sheer [Table, Para. 18] 24.96 Correction
Difference..... 34.14 ÷ 4 = 8.54
limited as Para. 18 (f) - 8 1/2"

Sheer { At front of bridge house..... ✓
amidships {
8 (e)] { At after end of forecastle ✓

Sheer {
18 (d) } ÷ 2 =
uncovered ✓ Correction

ALLOWANCE FOR DECK ERECTIONS:—

Table C..... 0.5 1/2
for Length, if required (Para. 12, 13, and 14) ✓
by Table A, corrected for sheer, and for length, } 1.5 1/4
if required (Para. 12, 13, and 14) } .11 3/4
as below..... 70.2%
..... - 8.25

for R. Q. Dk. if engine and boiler openings not } + .41 x 1/2
red by bridge house (Para. 11) } = + .35
..... - 4.9
for Deck Erections = - 8"

	Length.	Length allowed.	Height.
stle.....	<u>24.12</u>	<u>23.28</u>	
House	<u>11.12</u>	<u>11.12</u>	
ed Qr. Dk.....	<u>110.5</u>	<u>109.56</u>	
Total		<u>143.96 = .801</u>	
Length of Ship		<u>149.62</u>	

responding percentage {
(Para. 11, 12, 13, and 14) { 40.2%

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

<u>6.20</u>	Fresh Water Line	above centre of Disc
	Indian Summer Line	" " "
	Winter Line	below " "
	Winter North Atlantic Line	" " "

Moulded Depth as measured..... 13.6 3/4
Addition for Keel below base line
for draught record..... 1 1/2 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..... 149.62
Length in Table 162.75
Difference 16.84
Correction for 10ft., Table A.9 Table C. ✓
× Difference divided by 10 1.51 (if required.)
If 1/10ths length covered divide by 2 .75 + 3/4"

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..... 29.3
Round of Beam 7 1/2
Normal round..... 7 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.

Freeboard, Table A 2.13 1/4
Correction for Sheer - 8 1/2
Correction for Length + 3/4
Allowance for Deck Erections - 8
Correction for Round of Beam..... 0.10
Correction for fall in Sheer (if any).....
Correction for Iron Deck (if required) - 3
Additions for non-compliance with provisions of { ganaway }
Para. 11 (d) and (e) † { filled.. }
Other Corrections (if any) Height of R.Q.D. 3.6
..... 4.1

Winter Freeboard 4.1
Summer Freeboard 3.11
Indian Summer Freeboard ✓
N. A. Winter Freeboard ✓

Correction necessary because clearside amidships, measured
in accordance with the Statute is not taken at the
intersection of the ~~wood~~ iron deck with side. 1 1/4"

Winter Freeboard from deck line 4.2 1/4
Summer " " " 4.0 1/4
Indian Summer " " " ✓
N. A. Winter " " " ✓
Raised Quarter " " " 4.0
..... 3 1/2
..... 2

† 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.

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