

EXT 27/5/22
NEWCASTLE-ON-TYNE Rept. No. 75597
Index No. 30521
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 OP GALLANT FORECASTLES HAVING LONG POOPS, OR RAISED QUARTER DECKS CONNECTED WITH BRIDGE HOUSES, OR OTHERWISE.

Port of Survey Newcastle
Date of Survey 8th June 1922
Name of Surveyor G. H. Brown

Ship's Name <u>BRITISH OFFICER</u> <u>Palmer's G. No. 934</u>	Port of Registry and Nationality. <u>LONDON</u> <u>U.K.</u>	Official Number. <u>146646</u>	Gross Tonnage.	Date of Build. <u>1922</u>	Particulars of Classification. <u>+100 A1 carrying pet. in bulk</u> <u>(Contemplated)</u>
Number in Register Book <u>36573</u>					

Registered dimension from Ship's Register.	LENGTH. <u>440.2</u>	BREADTH. <u>57.1</u>	DEPTH. <u>33.8</u>	UNDER DECK TONNAGE. <u>6477.54</u>
Length on LOAINE.	<u>439</u>	Frame Depth <u>8"</u> Rule <u>8"</u> say <u>8 1/2"</u> Rule <u>Y"</u> <u>1.5</u> <u>25</u> No sheering + <u>35</u> Keel to forego	Ceiling + <u>20</u> Sheer + <u>52.68</u>	Peak Tanks <u>deep floor in CD 112</u> <u>deep tank floor 12</u>
CORRECTED DIMENSIONS.	<u>439</u>	<u>57.18</u>	<u>34.68</u>	<u>6601.54</u>

Moulded Depth as measured..... 33.11"
Addition for Keel below base line for draught record..... 2.2 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..... 439
Length in Table 407
Difference 32
Correction for 10ft., Table A. 1.7 Table C.8
× Difference divided by 10 5.5 (if required.) 2.56
If $\frac{1}{10}$ ths length covered divide by 2 +5.5 +2 1/2"

CORRECTION FOR IRON DECK.

Proportion covered, if less than $\frac{1}{10}$ ths length covered446
Thickness of usual wood deck, less stringer 3 1/2 - 1 1/4" 1.56"

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships..... 56
Round of Beam 14
Normal round..... 14 1/2
Difference 1 1/2
Proportion of Deck uncovered (Para. 19) ✓

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

Efficient of fineness..... .76 .755
Any modification necessary {
[Para. 4 (a) to (e)]* } + .01 for bottom longitudinal
Co-efficient as corrected765

Sheer {Stem..... 108"
at {Sternpost ... 48 } 156 ÷ 2 = 78" Mean 78.18
53.9
36 24.28
Sheer at $\frac{1}{8}$ of the length from {Stem 59 1/2"
Sternpost 26 1/2 } 86 ÷ 2 = 43" Mean 43.9
46
÷ 55 = 78.98"

Gradual mean Sheer 78.09
Standard mean Sheer [Table, Para. 18] 54.9
Difference..... 24.99 ÷ 4 = 6.05"
Correction
§ If limited as Para. 18 (f) - 6"

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

Fall in Sheer {
Para. 18 (d) } ÷ 2 =
Length uncovered Correction

ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C..... 5.11 1/2"
Correction for Length, if required (Para. 12, 13, and 14) + 2 1/2"
6.2 1/2"
Freeboard by Table A, corrected for sheer, and for length, if required (Para. 12, 13, and 14) } 9.1 1/2"
Difference 2.70 1/2"
Percentage as below..... 28.22%

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) }
Allowance for Deck Erections - 9.10"

	Length.	Length allowed.	Height.
Forecastle.....	<u>50.75</u>	<u>50.75</u>	<u>8.0"</u>
Bridge House	<u>32.0</u>	<u>32.0</u>	<u>8.0"</u>
† Raised Qr. Dk.....	<u>-</u>	<u>-</u>	<u>-</u>
Poop.....	<u>113.0</u>	<u>113.0</u>	<u>8.0"</u>
Total	<u>195.75</u>	<u>195.75</u>	<u>446</u>
Length of Ship	<u>439</u>		
Corresponding percentage { (Para. 11, 12, 13, or 14) } <u>28.22%</u>			

FREEBOARD recommended amidships from centre of Disc to top of Statutory Deck Line, Wood (Iron) 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 sternpost. In vessels having poops and forecastles, it means the sheer measured at points distant one-eighth of the vessel's length from stem and sternpost.

Freeboard, Table A 9.2.0
Correction for Sheer - 6.05
8.7.95
Correction for Length + 5.44
9.1.39
Allowance for Deck Erections 9.97
8.3.42
Correction for Round of Beam.....
Correction for fall in Sheer (if any).....
Correction for Iron Deck (if required) - 1.56
8.1.76
Additions for non-compliance with provisions of Para. 11 (d) and (e) †
Other Corrections (if any) 8.1.74

Winter Freeboard 8.1.34
Summer Freeboard 7.7 1/2
Indian Summer Freeboard 7.1 1/2
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 iron deck with side.

Winter Freeboard from deck line 8.3 1/2
Summer " " " " 7.9 1/4
Indian Summer " " " " 7.3
N. A. Winter

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 for ward and aft should be reported.

Position and Size.		No. 1, Appendix for 9' x 12'									
Item.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	
COAMING.	Height above top of DECK	2'-6"	2'-6"								
Thickness	Sides.....	.44	.44								
	Ends.....	.44	.44								
SHIFTING BEAMS OR WEB PLATES.	Number	one	one								
	Section and Scantlings	11" 12x30	12x30								
	Material	11L 3x3x40	3x3x40								
* FORE AND AFTERS.	Number										
	Section and Scantlings	none	none								
	Material										
HATCHES	Thickness	3"	3"								
	Remarks.....	all other hatchways with steel oil tight covers as per app'd plans.									

(If the sill of the lowest side scuttle will be less than 6 inches above the Indian Summer Load Line if assigned under the tables, state vertical distance from top of deck at side amidships to lower edge of lowest side scuttle.)

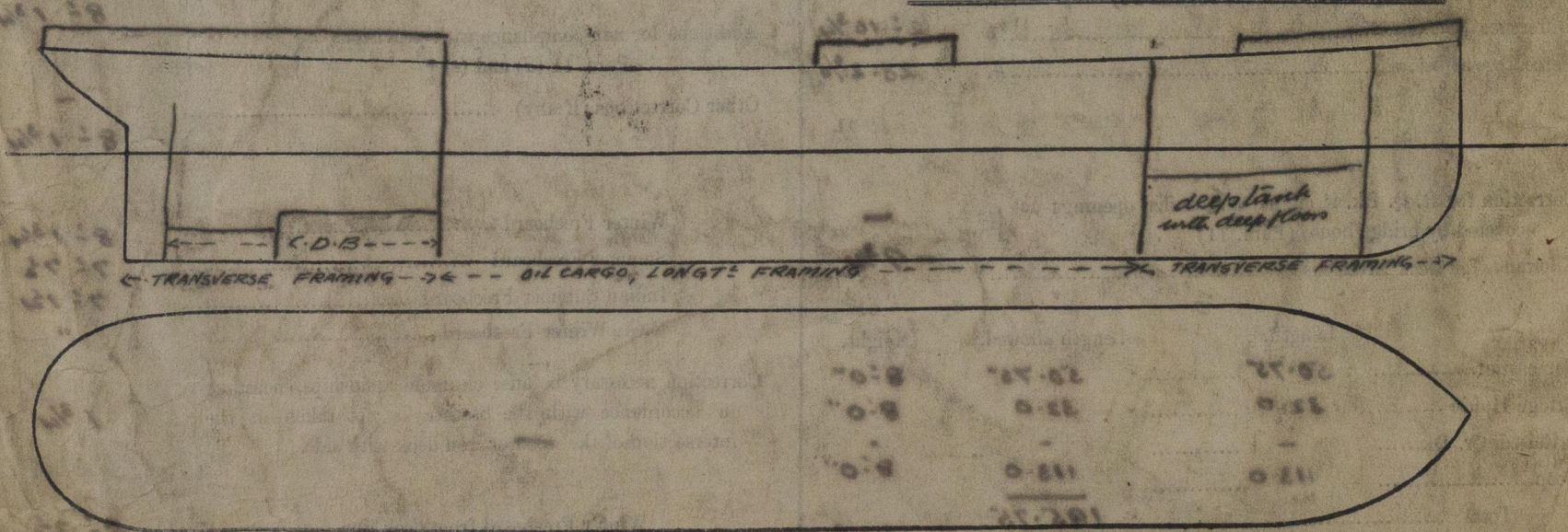
What is the thickness of the Bridge Sheerstrake? Strake between Main and Bridge Sheerstrakes?

Length of Bulwarks in well

Area of Freeing Ports required by Para. 11 (e) each side of vessel = Sq. ft.

Ft.	Tenths.	Ft.	Tenths.	No.		Sq. ft.
×		×			<div style="display: flex; align-items: center; justify-content: center;"> <div style="font-size: 4em; margin-right: 10px;">}</div> <div> Freeing Ports (each side of vessel) </div> <div style="margin: 0 10px;">=</div> </div>	
×		×				
×		×				

Total deficiency or excess = Sq. ft.



Show hereon line of Floors or Tank Top with position of any Breaks in same ; also height of Peak Tank tops, &c., &c.

Owners *British Tanker Co.*

„ Address

Estimated Fee £ 12 0 0

Received by me