

pt. 11b
 30746

Verification Report

THU. 27 MAR 1924

Report No. 11879
 Index No. 31190
 (For London Office only.)

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.—STEAM SHIPS.

COPY WRITTEN
 Smith's Dock 18-781

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 Whit Building
 Name of Surveyor N. Brydon.

Ship's Name. <u>Alacrity</u>	Port of Registry and Nationality. <u>Newcastle on Tyne</u>	Official Number. <u>148062</u>	Gross Tonnage. <u>✓</u>	Date of Build. <u>1924</u>	Particulars of Classification. <u>100 A.1. contemplated.</u>
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LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
<u>290.0</u>	<u>43.25</u>	<u>20.35</u>	<u>2077.17</u>
<u>289.43</u>	Frame Depth $8\frac{1}{2}$ Rule $5\frac{1}{2}$	Ceiling $+ .20$ Sheer $+ .96$ Drop in deck $3'$ $+ .50$	Peak Tanks } Incl
<u>289.43</u>	<u>42.75</u>	<u>21.57</u>	<u>2077.17</u>

Moulded Depth as measured 22'-6"
 Wood $2'$ less Stringer $3\frac{1}{2}"$
 Addition for Keel below base line for draught record... 2 1/4 inches.
 $22 - 2\frac{1}{2} = 22 - 2\frac{1}{2}$

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

nt of fineness..... .7786
 ification necessary } .02 C.D.B.
 4 (a) to (e)]* } .76
 it as corrected758 Say .76

CORRECTION FOR LENGTH.

Length of Ship on Loadline.....	<u>289.43</u>
Length in Table	<u>266.50</u>
Difference	<u>22.93</u>
Correction for 10ft., Table A.	<u>1.2</u>
Table C.	<u>.6</u>
× Difference divided by 10	<u>2.75</u> (if required.) <u>1.37</u>
If $\frac{1}{10}$ ths length covered divide by 2	<u>+ 2 3/4</u> <u>+ 1 1/2</u>

em..... 99 } 153 ÷ 2 = 76.5 ...Mean 36/34.69
 ernpost ... 54 } 98.96
 of the length from { Stem 54 } 81 ÷ 2 = 40.5 ...Mean
 { Sternpost 27 } ÷ .55 = 73.63
 Mean Sheer 73.63
 Mean Sheer [Table, Para. 18] 38.94 Correction
 Difference..... 34.69 ÷ 4 = 8.67
 ed as Para. 18 (f) 8 1/2 3/4

CORRECTION FOR IRON DECK.

Proportion covered, if less than $\frac{1}{10}$ ths length covered ✓
 Thickness of usual wood deck, less stringer
Allowed in reduced Moulded Depth.

Sheer { At front of bridge house..... ✓
 dships {
 (e) { At after end of forecastle ✓
 Sheer {
 3 (d) { 1 ÷ 2 = 1/2"
 covered Covered by Bridge Correction

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships.....	<u>41.11</u>
Round of Beam	<u>10 1/2</u>
Normal round.....	<u>10 1/2</u>
Difference	<u>✓</u> ÷ 2 = <u>✓</u>
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.

ALLOWANCE FOR DECK ERECTIONS :—

Table C.....	<u>1 - 9 1/2</u>
for Length, if required (Para. 12, 13, and 14)	<u>+ 1 1/2</u>
by Table A. corrected for sheer, and for length, if required (Para. 12, 13, and 14)	<u>4 - 0 1/2 1/4</u>
as below.....	<u>2 - 1 1/2 1/4</u>
	<u>21.43%</u>
	<u>= 5.43</u>

for R. Q. Dk. if engine and boiler openings not ed by bridge house (Para. 11) ✓
 for Deck Erections - 5 1/2

Freeboard, Table A	<u>4 - 6 1/4</u>
Correction for Sheer	<u>8 7/2 3/4</u>
Correction for Length	<u>+ 2 3/4</u>
Allowance for Deck Erections	<u>- 5 1/2</u>
Correction for Round of Beam.....	<u>3 - 7 6/4</u>
Correction for fall in Sheer (if any).....	<u>✓</u>
Correction for Iron Deck (if required)	<u>✓</u>
Additions for non-compliance with provisions of Para. 11 (d) and (e) †	<u>✓</u>
Other Corrections (if any)	<u>✓</u>
Winter Freeboard	<u>3 - 7 6/4</u>
Summer Freeboard	<u>3 - 4 3/4</u>
Indian Summer Freeboard	<u>3 - 10 1/4</u>
N. A. Winter Freeboard	<u>3 - 9 8/4</u>

Length.	Length allowed.	Height.
<u>25.25</u>	<u>25.25</u>	<u>7.5</u>
use <u>49.50 + 4.5. overhang for</u>	<u>54.75</u>	<u>7.5</u>
r. Dk..... <u>✓</u>		
<u>22.50</u>	<u>22.50</u>	<u>7.5</u>
al <u>99.50</u>	<u>- 343</u>	
Ship <u>289.43</u>		
ing percentage { t, 12, 13, or 14) } <u>21.43</u>		

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. } + 1 3/4

ARD 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	" " "	...

Winter Freeboard from deck line	<u>3 - 8 3/4</u>
Summer " " " "	<u>3 - 5 3/4 1/2</u>
Indian Summer " " " "	<u>3 - 2 3/4 1/2</u>
N. A. Winter " " " "	<u>3 - 10 3/4 1/2</u>
	<u>3 - 5 1/2</u>
	<u>5</u>
	<u>3</u>
	<u>3</u>
	<u>5</u>

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...es, skin planking, or ceiling are of unusual thickness the breadth of vessel to inside ...
 ...should be reported if possible.
 ...obtaining an allowance for deck erections under Para. 11 where the sheer drops abaft amid-
 ...height of the R.Q.D. is to be taken from the level of the top of the amidship beam.
 ...vessels the total standard mean sheer means the sheer measured at the stem and stern.
 ...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.

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 FOUNDATION
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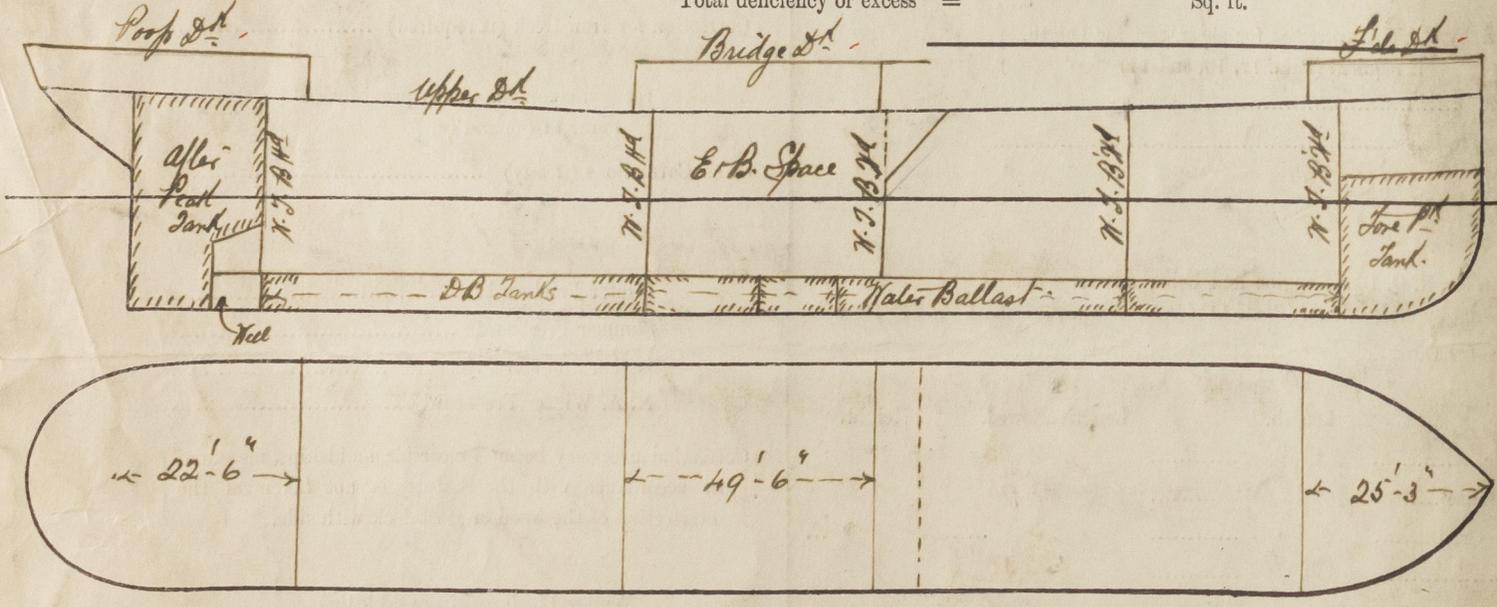
Do all the Frames extend to the top height in the Poop? *Yes* Raised Quarter Deck? *✓* Bridge House? *Yes* Forecastle? *Yes*
 To what height do the Reverse Frames extend? *Bulk angle frames Alternative Reverses to Forecastle Dk.*
 Has the Poop or Raised Quarter Deck an efficient Iron Bulkhead at the fore end? *Yes*
 Give particulars of the means for closing the openings in Bulkhead *plated*
 Is the Poop or Raised Quarter Deck connected with the Bridge House? *No* Has the Bridge House an efficient Bulkhead at the fore end? *Yes*
 Give particulars of the means for closing the openings in Bulkhead *plated*
 What is the thickness of the Bridge Front plating? *38* and Coaming plate? *✓*
 Give scantlings and spacing of the Stiffeners *8 x 3 x 39 B' Angs - 30' apart*
 Are bracket plates fitted at each end of the Stiffeners? *Outside of hatches top bottom Top only inside of hatches* Are hor'l. brackets fitted connecting Bridge Bulk'd. with Bulwarks? *Yes*
 Has the Bridge House an efficient Iron Bulkhead at the after end? *Yes*
 How are the openings closed? *Riveted channels + storm boards fitted*
 Is the Forecastle at least as high as the main or top-gallant rail? *Yes* Has the Forecastle an efficient Iron or Wood Bulk'd. at after end? *Yes*
 Are the Engine and Boiler openings covered by a Bridge, Poop, Raised Quarter Deck, or enclosed by a Strong Iron or Steel Deckhouse? *Yes*
 If the openings are not so protected are the exposed parts of the Casings efficiently constructed? *✓*
 Give thickness of plating; scantlings and spacing of Stiffeners *30 plating - Stiffeners 3 x 2 1/2 x 30 spaced 27' apart*
 What is the height of the exposed Casings? *7' 3"* Are suitable means provided for closing all openings in them in bad weather? *Yes*
 Are the Weather Deck Hatchways efficiently constructed and at least equal to the requirements of Section 28 of the Rules for 1904-5? Give particulars below: *Yes*

Position and Size.	No 1 - 31' 6" x 23' 4 1/2" / 30' 0"		No 2 - 30' 0" x 30' 0"		No 3 - 33' 9" x 30' 0"		No 4 - 38' 3" x 30' 0"		Number 9 - 9' x 20' 0"		
Item.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	
COAMING.	48 + 12 Coaming.				Same as No 1						
	Sides 50										
Thickness {		Ends 44									
SHIFTING BEAMS OR WEB PLATES.	Number 5		5		6		7		1		
	Section and Scantlings		Doub angles 6 x 3 1/2 x 52		Same as No 1						
	Material		Plat. 40 top bottom 25 @ 0° 12' @ sides								
* FORE AND AFTERS.	Number				Nil						
	Section and Scantlings										
	Material										
HATCHES Thickness	3'				Same as No 1						
Remarks	P. Pine										

* The depth of Fore and Afters should be stated from the underside of the hatches in all cases.
 (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.)

The following information is to be given in all Cases of vessels dealt with under Paras. 11, 12 (under 15 feet Moulded depth) and under Shelter Deck Rules.

What is the thickness of the Bridge Sheerstrake? _____ Strake between Main and Bridge Sheerstrakes? _____
 Delete the words { The Crew are, are not, berthed in the bridge house.
 that do not apply { The arrangements to enable them to get backwards and forwards from their quarters are, are not satisfactory.
 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. } Freeing Ports = _____ Sq. ft.
 (each side of vessel)
 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.

State any special features in the construction of the Vessel *Copy of approved Midship Section Profile in London Office also approved plan of Hatchways + Raised Dk. Forward Request Form B-9 attached.*
 Builder's name and yard number _____
 Names of sister vessels _____
 Owners _____
 Address _____
 Fee £ *7 : 0 : 0* Received by me *See F. C. Report.*

