

Verification Report

Index No. 31798
(For London Office only.)

Lloyd's Register of Shipping.

FOR FREEBOARD.-STEAM SHIPS.

No. 18440

ALL STEAM SHIPS EITHER FLUSH DECKED, OR WITH SHORT POOPS AND BRIDGE HOUSES DISCONNECTED, OR CASTLES HAVING LONG POOPS, OR RAISED QUARTER DECKS WITH BRIDGE HOUSES, OR OTHERWISE.

Port of Survey Greenock
Date of Survey while Building
Name of Surveyor Robert Dundas

Register Book	Port of Registry and Nationality. <u>Liverpool</u> <u>British</u>	Official Number. <u>147347</u>	Gross Tonnage.	Date of Build. <u>Building</u>	Particulars of Classification. <u>100A1 (Contemplated).</u>
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LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE. SUEZ.
<u>470.1</u>	<u>62.15</u>	<u>32.25</u>	<u>7088.71</u>
<u>468.5</u>	Frame Depth <u>12</u> No Ceiling <u>+20</u> Rule <u>7 1/2</u> Sheer <u>+1.12</u> <u>2 1/2 x 2 = -75.83</u> RISE IN O.B. TANK <u>12</u> NEXT SPARRING FITTED FLUSH WITH INNER LOGS OF FRAME <u>+33</u> <u>-12</u>	<u>33.45</u>	Peak } INCLUDED. Tanks } TONNAGE BETWEEN 7' 9" 10' FRAMES IN THE DECK <u>-4209</u> <u>CONCRETE STEERN</u> <u>-3845</u>
<u>468.5</u>	<u>61.7865</u>	<u>33.45</u>	<u>7007.31</u> <u>7045.81</u>

Co-efficient of fineness..... .7257
Any modification necessary [Para. 4 (a) to (e)]*
Co-efficient as corrected73

Sheer { Stem..... 126 } 186 ÷ 2 = 93 ...Mean
at { Sternpost ... 60 }
Sheer at 1/2 of the length from { Stem 72 } 107 ÷ 2 = 53.5 ...Mean
{ Sternpost 35 }
Gradual mean Sheer 95.15 4.55 = 97.3
Standard mean Sheer [Table, Para. 18] 56.85 Correction
Difference..... 38.30 ÷ 4 = 9.575
§ If limited as Para. 18 (f) -9 1/2

Rise in Sheer from amidships { At front of bridge house.....
[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.....	<u>6' 2 1/2"</u>
Correction for Length, if required (Para. 12, 13, and 14)	<u>+ 4"</u>
Freeboard by Table A, corrected for sheer, and for length, if required (Para. 12, 13, and 14)	<u>9' 3"</u>
Difference	<u>2' 8 1/2"</u>
Percentage as below.....	<u>32.76</u>
	<u>10.4660</u>

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11)
Allowance for Deck Erections -10 1/2"

	Length.	Length allowed.	Height.
Forecastle.....	<u>38.5</u>	<u>38.5</u>	<u>8'-0"</u>
Bridge House	<u>157.58</u>	<u>153.79</u> <u>152.63</u>	<u>8'-0"</u>
† Raised Qr. Dk.....			<u>8'-0"</u>
Poop.....	<u>46.33</u>	<u>45.58</u> <u>44.26</u>	<u>8'-0"</u>
Total	<u>242.41</u> <u>237.97</u>	<u>235.29</u> <u>237.97</u>	<u>50.22%</u>
Length of Ship	<u>468.5</u>	<u>468.5</u>	<u>50.8</u>
Corresponding percentage (Para. 12, 13, or 14)	<u>.64</u>	<u>32.76</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	" " "

Moulded Depth as measured..... 34'-10"
Addition for Keel below base line for draught record..... 2 1/4 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..... 468.5
Length in Table 418.0
Difference 50.5
Correction for 10ft., Table A. 1.7 Table C. .8
× Difference divided by 10 8.58 (if required.) 4.04
If 1/10ths length covered divide by 2 +8 1/2 +4.0

CORRECTION FOR IRON DECK. .508
Proportion covered, if less than 1/10ths length covered 50.22%
Thickness of usual wood deck, less stringer 2 1/4 -1 3/4

CORRECTION FOR ROUND OF BEAM. NOTE.— The round of beam should be reported on the full breadth of vessel at the gunwale.
Breadth at Gunwale amidships..... 60'
Round of Beam 15 1/2
Normal round..... 15
Difference ✓ ÷ 2 = ✓
Proportion of Deck uncovered (Para. 19)

Freeboard, Table A 9' 4"
Correction for Sheer -9 1/2"
Correction for Length + 8 1/2"
Allowance for Deck Erections -10 1/2"
8' 4 1/2"

Correction for Round of Beam.....
Correction for fall in Sheer (if any).....
Correction for Iron Deck (if required) -1 3/4"
8' 2 3/4"
Additions for non-compliance with provisions of Para. 11 (d) and (e) †
Other Corrections (if any)

Winter Freeboard 8' 2 3/4"
Summer Freeboard 7' 8 1/2" 7 1/4"
Indian Summer Freeboard 7' 2 1/4"
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. + 1 3/4"

Winter Freeboard from deck line 8' 4 1/2"
Summer " " " " 7' 10 1/4"
Indian Summer " " " " 7' 4 3/4"
N. A. Winter " " " "

7' 10" Steel
7" Steel
6 1/2" Steel
6 1/2" Steel

21 AUG 1925

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† 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.

Lloyd's Register
MARKING FORM
31 AUG 1925
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003832-003837-0035

Do all the Frames extend to the top height in the Poop? *Yes* / Raised Quarter Deck? Bridge House

To what height do the Reverse Frames extend? *Bull Angle Framing*

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 *Hinged wood doors*

Is the Poop or Raised Quarter Deck connected with the Bridge House? *No* / Has the Bridge House an efficient Bulkhead?

Give particulars of the means for closing the openings in Bulkhead *Hinged steel W.T. Door*

What is the thickness of the Bridge Front plating? *.40* and Coaming plate? *.44*

Give scantlings and spacing of the Stiffeners *9/8 x 3 1/2 x .50 Bull Angle Spaced 30" apart*

Are bracket plates fitted at each end of the Stiffeners? *Lugged top & bottom* Are hor'l. brackets fitted connecting Bridge Bulk'd. with Bulwarks?

Has the Bridge House an efficient Iron Bulkhead at the after end? *Yes*

How are the openings closed? *Shifting boards full height of openings & fitted in channels riveted to Bulk*

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? *No*

Are the Engine and Boiler openings covered by a Bridge, Poop, Raised Quarter Deck, or enclosed by a Strong Iron or Steel Deckhouse? *Covered by Bridge Deck*

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

What is the height of the exposed Casings? Are suitable means provided for closing all openings in them in bad weather?

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*

UPPER DECK

Position and Size.	N°1 HATCH 20'-3" x 18'-0"		N°2 HATCH 35'-7" x 21'-0"		N°3 HATCH 15'-3" x 20'-0"		N°4 HATCH 30'-6" x 20'-0"		N°5 HATCH 28'-10 1/2" x 20'-0"	
Item.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
COAMING										
Height above top of DECK	36"	36"	36"	36"	30"	30"	30"	30"	30"	30"
Thickness	Sides	.44	.44	.44	.44	.44	.44	.44	.44	.44
	Ends	.44	.44	.44	.44	.44	.44	.44	.44	.44
SHIFTING BEAMS OR WEB PLATES	Number	3	3	6	6	2	2	5	5	3
	Section and Scantlings	PLATE 16" x .36		18 1/2" x .36		18" x .36		18" x .36		19 1/2" x .38
	Material	ANG TOP & BOTTOM .4 x 3 x .44		.4 x 3 x .47		.4 x 3 x .44		.4 x 3 x .44		.4 x 3 x .44
* FORE AND AFTERS	Number									
	Section and Scantlings			No	FORE & AFTERS					
	Material									
HATCHES Thickness										
Remarks					2 1/2" SOLID COVERS					

* 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.

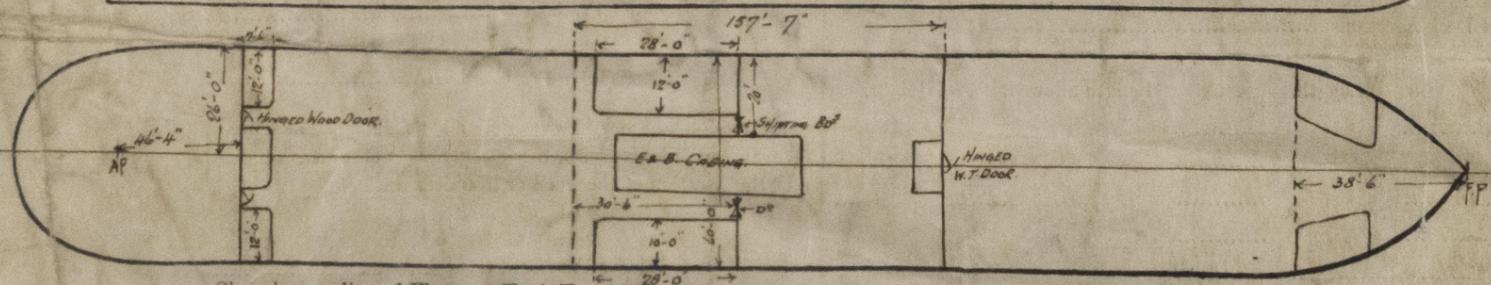
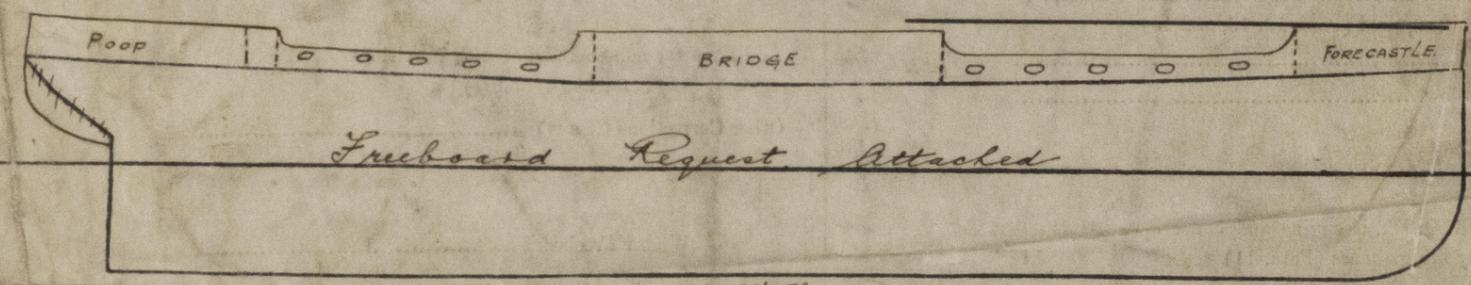
Length of Bulwarks in well
 Forw^d 107'-0" x 4'-3"
 Aft 119'-1" x 4'-3"

Area of Freeing Ports required by Para. 11 (e) each side of vessel = Forw^d 45.48 Sq. ft.
 Aft 50.6 Sq. ft.

Ft. Tenths. Ft. Tenths. No. } Freeing Ports = Forw^d 28.4 Sq. ft.
 (each side of vessel) = Aft 32.4 Sq. ft. } AS DESIRED BY OWNERS

Forw^d 4'0" x 1.52 x 5
 Aft 4'5" x 1.52 x 5

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 *The vessel has been built in accordance with the Approved Plans of, Laidship Section & Profile & Decks, forwarded herewith.*

This is a Sister Vessel to S. S. Makonda. Gk Rep N° 18392. YARD N° 390.

Owners *Anshot Brookbank.*

Address

Received by me
 will be tendered with 1st Entry Rep.

