

## THE BRITISH CORPORATION FOR THE SURVEY AND REGISTRY OF SHIPPING.

SURVEY FOR FREEBOARD OF STEAM-SHIP

having POOP, BRIDGE, + FORECASTLE DISCONNECTED

Port of Survey Newcastle-on-Tyne

Date of Survey During construction

Name of Surveyor Arthur N. Smith

State type of erections.

Ship's Name.	Gross Tonnage.	Official Number.	Port of Registry and Nationality.	Date of Build.	Particulars of Classification.
"MATEBA"	2955.45	140647	Liverpool British	1919	B.S.*

Registered Length as } 331.2 Breadth 48.05 Depth 22.1  
shown by Ship's Register }  
Length on Loadline 330.66  
Breadth 47.3

Moulded Depth as measured 24'-6"

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

SHEER  
STEM 6'-5 1/2"  
1/8 3'-5"  
1/4 2'-7 1/2"  
1/2 8'-2"  
3/4 - 5"  
1 1'-7"  
1 1/2 1'-11"  
POST 3'-11 1/2"

Depth 22.73  
Tons Und. Dk. x 100  
2719.97  
Tonnage in Peaks  
2698.02

Co-efficient of fineness 76  
Any modification necessary }  
[Para. 4 (a) to (e)] \* }  
Co-efficient as corrected 74

Sheer { Stem 77 1/2 } 125 ÷ 2 = 62 1/2 Mean  
at { Stern-post 47 1/2 }  
Sheer at 1/2 of the length from { Stem 41 } 64 - 32 = 58 1/2  
{ Stern-post 23 } 2 - 55  
Gradual Mean Sheer 58 1/2  
Standard Sheer (Table, Para. 18) 43  
Difference 15 1/2 ÷ 4 = 3 3/4

Rise in sheer } At front of bridge house  
from amidships } At after end of forecastle  
Fall in sheer ÷ 2 =

ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C 2'-5"  
Correction for Length, if required (Para. 12, 13, and 14) + 2 1/2  
Freeboard by Table A, corrected for sheer, and for length, } 2'-7 1/2  
if required (Para. 12, 13, and 14) }  
Difference 2'-8 1/2  
Percentage as below 32.4  
Correction for R. Q. Dk. if engine and boiler openings }  
not covered by bridge house }  
Allowance for Deck Erections 10 1/2

	Length.	Length allowed.	Height.
Forecastle	33'-5"	33'-5"	7'-6"
Bridge House	100'-5"	100'-24"	"
† Raised Qr. Dk.	✓	✓	✓
Poop	33'-7"	33'-7"	7'-6"
Total		167'-24"	
Length of Ship		330'-8"	50'-5"
Corresponding percentage } (Para. 11, 12, 13, or 14) }		32.4%	

CORRECTION FOR LENGTH.

Length of Ship on Loadline 330.66  
Length in Table 294.0  
Difference 36.66

Correction for 10 ft., Table A. 1.3 x 36.66 Table C. 7 x 3.666  
× Difference divided by 10 4.76 = 4 3/4 (if required.) 256 my 2 1/2  
If 1/10ths length covered by erections divide by 2 ✓

CORRECTION FOR IRON DECK.

Proportion covered, if less than 1/10ths length covered 5.0  
Thickness of usual wood deck, less stringer 3 1/2 ALLOW 1 1/2

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships 46'-9 1/2"  
Round of Beam 11 1/2"  
Normal round 11 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. 24'-6" + 74 = 5'-3"  
Correction for Sheer - 3 3/4  
Correction for Length + 4 3/4  
Allowance for Deck Erections - 10 1/2  
Correction for Round of Beam -  
Correction for Iron Deck (if required) - 1 3/4  
Additions for non-compliance with provisions }  
of Para. 11 (d) and (e) † }  
Other Corrections (if any) ✓

Winter Freeboard 4'-3 3/4"  
Summer Freeboard 4'-0"  
Indian Summer 3'-8 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 deck with side }  
Winter Freeboard from deck line § 4'-5 3/8"  
Summer " " " " 4'-1 5/8"  
Indian Summer " " " " 3'-9 7/8"  
N.A. Winter " " " " ✓

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

	Fresh Water Line	ins. above centre of Disc.	Corresponding Freeboard
Indian Summer Line	34 1/2	"	3-9 3/4
Winter Line	34 1/2	" below	4-5 1/4
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.

† State dimensions of freeing port area on back of this form.  
§ Marked in accordance with Sec. 437, M. S. Act, 1894.

Lloyd's Register  
P.T.O.



DELETE WORDS WHICH DO NOT APPLY.

The Crew *are, are not*, berthed in the Bridge house.

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 each side of vessel	=	Sq. ft.
	×			×			
	×			×			
Total excess deficiency						=	Sq. ft.

If the sill of the lowest side scuttle would 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.

Do all the Frames extend to the top height in the Poop? *yes*

Do. do. do. Raised Quarter Deck? *yes*

Do. do. do. Bridge House? *yes*

Do. do. do. Forecastle? *yes*

To what height do the Reverse Frames extend? *B.A. frames*

Has the Poop ~~Raised Quarter~~ Deck an efficient Iron Bulkhead at the fore end? *yes*

How are the openings closed? *Steel door W.T. 4'-6" x 2'-0"*

Is the Poop ~~Raised Quarter~~ Deck connected with the Bridge House? *no*

Are the Engine and Boiler openings covered by a Bridge, ~~Poop, Raised~~ } *yes*  
~~Quarter Deck, or enclosed by a Strong Iron or Steel Deck House?~~

If the openings are not so protected, are the exposed parts of the Casings efficiently constructed? *yes*

What is their height? *yes*

Are suitable means provided for closing all openings in exposed Casings in bad weather? *yes*

Has the Bridge House an efficient Bulkhead at the fore end? *yes*

How are the openings closed? *Steel door W.T. 4'-6" x 2'-6"*

Give thickness of Bridge Front plating *16/40"* Coaming plate *✓* Stiffeners *7x3x19/40 B.A. spaced 27" bracketed top + bottom*

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

How are the openings closed? *Weather boards, full height 4'-9" x 3'-0"*

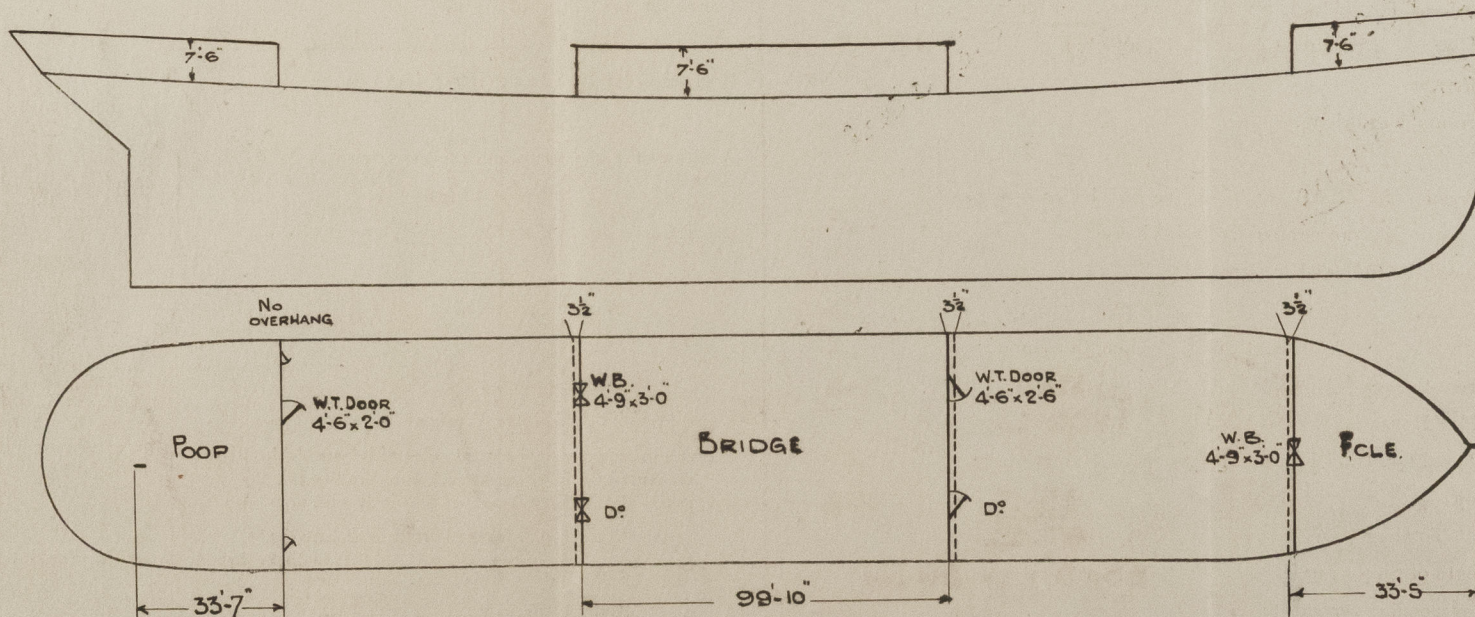
Is the Forecastle at least as high as the main or top-gallant rail? *yes*

Has the Forecastle an efficient Iron ~~W.T.~~ Bulkhead at its after end? *yes*

Are the Weather Deck Hatchways efficiently constructed and at least equal to the Rule requirements? *yes*

What is the thickness of the Hatches? *3"* State the height of the Coamings in Fore Well *2'-6" + 2'-10"* In After Well *2'-6"*

State any special features in the construction of the Vessel *✓*



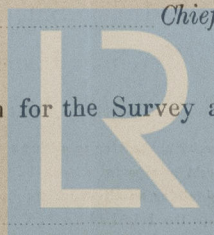
Show hereon arrangement of erections, depth of hold, &c.

The Freeboards, as stated on the other side, being in accordance with the Tables, it is submitted that the same be assigned.

Chief Surveyor.

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Passed at a meeting of the Committee of Management of the British Corporation for the Survey and Registry of Shipping on the .....



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