

Lloyd's Register of British & Foreign Shipping.

SURVEYS FOR FREEBOARD.-STEAM SHIPS.

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

Port of Survey *Middlebrough-on-Tus.*
Date of Survey *White Building.*
Name of Surveyor *A. Phillips.*

Ship's Name. *Maylon Dixon & Co. Ld.*
S. S. "TAHCHIEE" No 581.
Number in Register Book *12 in Supp.*
Port of Registry and Nationality. *Middlebrough U.K.*
Official Number. *186066*
Gross Tonnage. *5815.86*
Date of Build. *1914*
Particulars of Classification. *100 A.1 (Contemplated)*
Carrying Petroleum in bulk.

REGISTERED DIMENSIONS FROM THIS REGISTER.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	<i>420.50</i>	<i>54.40</i>	<i>32.65</i>	<i>5815.86</i>
Length on LOADLINE.	<i>419.5</i>	<i>54.20</i>	<i>33.74</i>	<i>5892.86</i>
CORRECTED DIMENSIONS.	<i>419.5</i>	<i>54.20</i>	<i>33.74</i>	<i>5892.86</i>

Co-efficient of fineness..... *775*
Any modification necessary {
[Para. 4 (a) to (e)]*
Co-efficient as corrected *78*

Sheer { Stem..... *108* } *158.5 ÷ 2 = 79.25* Mean
at { Sternpost *50.5* }
Sheer at $\frac{1}{2}$ of the length from { Stem *53.5* } *80.5 ÷ 2 = 40.25* Mean
Sternpost *27* } *55 = 73.18*
Gradual mean Sheer *73.18*
Standard mean Sheer [Table, Para. 18] *51.95* Correction
Difference..... *21.23 ÷ 4 = 5.31*
§ If limited as Para. 18 (f)..... *- 5.4*

Rise in Sheer from amidships { At front of bridge house..... ✓
[Para. 18 (e)] { At after end of forecastle ✓
Fall in Sheer {
Para. 18 (d) } $\div 2 =$
Length uncovered Correction ✓

ALLOWANCE FOR DECK ERECTIONS :-

Freeboard, Table C..... *5-6 1/2*
Correction for Length, if required (Para. 12, 13, and 14) *+ 2 1/4*
Freeboard by Table A, corrected for sheer, and for length, if required (Para. 12, 13, and 14) *8-8*
Difference *2-11 1/4*
Percentage as below..... *29.16*
10.27

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11)
Allowance for Deck Erections *- 10 1/4*

	Length.	Overhang.	Length allowed.	Height.
Forecastle.....	<i>42-0</i>	<i>+ 4-7</i>	<i>46-58</i>	<i>7-6</i>
Bridge House.....	<i>25-0</i>	<i>+ 3-6</i>	<i>27-91</i>	<i>7-6</i>
↑ Raised Q. Dk.....				
Poop.....	<i>118-3</i>		<i>118-25</i>	<i>7-6</i>
Total.....	<i>193-91</i>		<i>192-74</i>	
Length of Ship.....	<i>419.5</i>		<i>419.5</i>	

Corresponding percentage {
(Para. 11, 12, 13, or 14) } *29.16%*

FREEBOARD recommended amidships from centre of

Fresh Water Line
Indian Summer Line
Winter Line
Winter North Atlantic Line

Moulded Depth as measured..... *32-8 1/2*

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..... *419.5*
Length in Table *392.5*
Difference *27.0*
Correction for 10ft., Table A. *1.6* Table C. *.8*
× Difference divided by 10 *4.32* (if required.) *2.16*
If $\frac{1}{10}$ ths length covered divide by 2 *+ 4 1/2* *+ 2 1/4*

CORRECTION FOR IRON DECK.

Proportion covered, if less than $\frac{1}{10}$ ths length covered *4594*
Thickness of usual wood deck, less stringer *3 1/2 - 1 1/2*

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships..... *52-11 1/2*
Round of Beam *13.50*
Normal round..... *13.25*
Difference *25 ÷ 2 = 12.5*
Proportion of Deck uncovered (Para. 19) *.5406*

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

Freeboard, Table A *8-9*
Correction for Sheer *8-*
Correction for Length *+ 8-*
Allowance for Deck Erections *7-*
Correction for Round of Beam.....
Correction for fall in Sheer (if any).....
Correction for Iron Deck (if required) *1 1/2*
7-8 1/4
Additions for non-compliance with provisions of {
Para. 11 (a) and (e) }
Other Corrections (if any)

Winter Freeboard *7-8 1/4*
Summer Freeboard *7-2 1/4*
Indian Summer Freeboard *6-8 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 wood or iron deck with side. *+ 1 1/2*

Winter Freeboard from deck line *7-10*
Summer " " " " *7-4*
Indian Summer " " " " *6-10*



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Do all the Frames extend to the top height in the Poop? *Longitudinal Framing with Wlbs wide 3'*
 To what height do the Reverse Frames extend? *705.*
 Has the Poop or Raised Quarter Deck an efficient Iron Bulkhead at the fore end? *705.*
 Give particulars of the means for closing the openings in Bulkhead *170 openings.*
 Is the Poop or Raised Quarter Deck connected with the Bridge House? *705.* Has the Bridge House an efficient Bulkhead at the fore end? *Two w. J. Doors fitted.*
 Give particulars of the means for closing the openings in Bulkhead *Two w. J. Doors fitted.*
 What is the thickness of the Bridge Front plating? *46* and Coaming plate? *48*
 Give scantlings and spacing of the Stiffeners *6" 3" .36 Bull angles @ 39' apart.*
 Are bracket plates fitted at each end of the Stiffeners? *Yes.* Are hor'l. brackets fitted connecting Bridge Bulk'd. with Bulwarks *No. Rail bar up to Bridge.*
 Has the Bridge House an efficient Iron Bulkhead at the after end? *Yes.*
 How are the openings closed? *One w. J. hinged door on Port side, Starboard side closed.*
 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 *✓*
 What is the height of the exposed Casings? *✓* 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.		Main Tank		Hatches 8-8 1/2 x 9-5		Summer Tank		Hatches 6-6 1/2 x 3-9	
Item.		Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
COAMING.	Height above top of DECK	<i>Channel Coaming 12 high x 46</i>				<i>42" .40 Coaming</i>			
	Thickness { Sides..... Ends.....								
SHIFTING BEAMS OR WEB PLATES.	Number								
	Section and Scantlings								
	Material								
* FORE AND AFTERS.	Number								
	Section and Scantlings								
	Material								
HATCHES Thickness									
Remarks.....									

* When the Fore and Afters are of wood the depth should be stated from the underside of the hatches.

(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?*

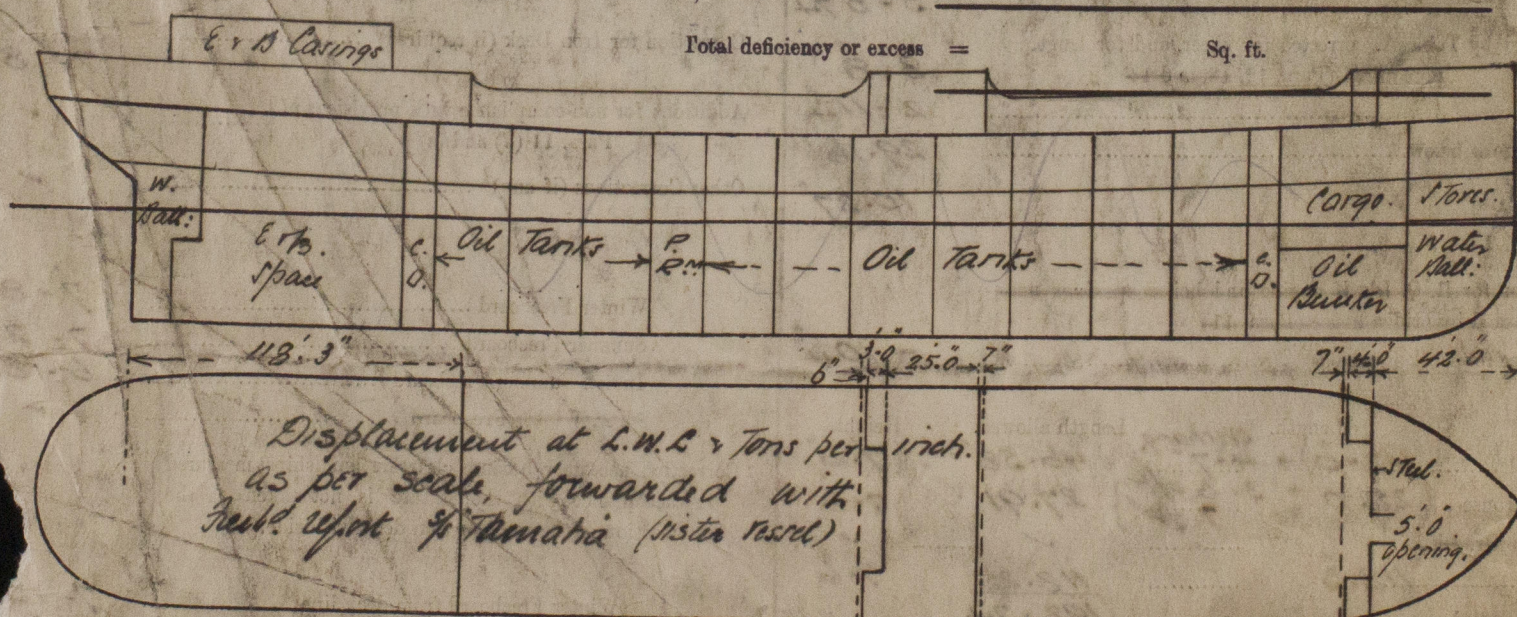
Delete the words { The Crew are, are not, berthed in the bridge house.
 that do not apply { The arrangements to enable them to get backwards and forwards from their quarters are, are not satisfactory.

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 (each side of vessel) =	Sq. ft.
x	x	x	x			
x	x	x	x			

Total deficiency or excess = Sq. ft.



Show hereon line of Floors or Tank Top with peak; also height of Peak Tank tops, &c., &c.

Steamer, Longitudinal
 herewith for Carrying Petroleum
 16: Reports Nos 8221 & 8468.



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