

June 13 of 1. Compulsion
Lloyd's Register of Shipping.

Port of Survey *Glasgow*
Date of Survey *5th Jan 1904*
Name of Surveyor *T.D. Taylor*

Ship's Name. SS "Madras"	Port of Registry and Nationality.	Official Number.	Gross Tonnage. 800	Date of Build. 1904	Particulars of Classification. A - 10000
Number in Register Book					

Registered dimensions from Ship's Register.	LENGTH. 194.0	BREADTH. 34.1	DEPTH. 14.6.	UNDER DECK TONNAGE. 789.34
Length on LOADLINE.	194.0	Frame Depth Rule ,, sparring + 4	Ceiling Sheer ✓	Peak Tanks
CORRECTED DIMENSIONS.	194.0	34.5	14.6	789.34

$$\begin{array}{r} 15' - 3'' \\ - 3'' \\ \hline 15' - 0'' \end{array}$$

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

Co-efficient of fineness.....	808
Any modification necessary } [Para. 4 (a) to (e)]*	✓
Co-efficient as corrected	81

Sheer { Stem..... $45''$ } $\frac{40.4 + 49.5}{2} = 44.95$ fair shear
 at { Sternpost ... 19.8 } $\frac{18.5 + 21.5}{2} = 20$ Mean
 Sheer at $\frac{1}{2}$ of the length from { Stem 22.2 } $\frac{32.4 + 32.4}{2} = 32.4$ Mean
 { Sternpost 10.2 } $\frac{16.2 + 16.2}{2} = 16.2$ Mean
 Gradual mean Sheer 29.45
 Standard mean Sheer [Table, Para. 18] 29.40 Correction
 Difference..... $\div 4 =$
 § If limited as Para. 18 (f)

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

ALLOWANCE FOR DECK ERECTIONS :—

Freeboard, Table C.....

Correction for Length, if required (Para. 12, 13, and 14)

Freeboard by Table A, corrected for sheer, and for length, }
if required (Para. 12, 13, and 14) }

Difference

Percentage as below.....

Correction for R. Q. Dk. if engine and boiler openings not }
covered by bridge house (Para. 11) }

Allowance for Deck Erections

	Length.	Length allowed.	Height.
Forecastle.....		
Bridge House		
† Raised Qr. Dk.....		
Poop.....		
Total			
Length of Ship			
Corresponding percentage } (Para. 11, 12, 13, or 14) }			

	CORRECTION FOR LENGTH	
Length of Ship on Loadline.....	194.0	
Length in Table	180.0	
Difference	14	
Correction for 10ft., Table A.	1	Table C.
× Difference divided by 10	1.4	(if required.)
If $\frac{1}{10}$ ths length covered divide by 2	+1.4	

CORRECTION FOR IRON DECK.

Proportion covered, if less than $\frac{7}{10}$ ths length covered

Thickness of usual wood deck, less stringer *allowed in T.M.S. Depth reduced*

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.....			
Round of Beam	8' 5"		
Normal round.....	8' 5"		
Difference	✓	÷ 2 =	
Proportion of Deck uncovered (Para. 19)			

Freeboard, Table A	30.75
Correction for Sheer	+ F ✓
Correction for Length	+ 1.4
Allowance for Deck Erections	32.15
Correction for Round of Beam	✓
Correction for fall in Sheer (if any)	✓
Correction for Steel Deck (if required)	✓
Conditions for non-compliance with provisions of } Para. 11 (d) and (e) ‡ }	
Other Corrections (if any) } Scantling etc. Vessel going out to India } + 6.00	38.15
For loss of buoyancy in well due to sloping sides, etc. } + 3.00	41.15
Winter Freeboard	
Summer Freeboard	
Indian Summer Freeboard	
N. A. Winter Freeboard	

rection necessary because clearside amidships, measured
in accordance with the Statute is not taken at the } Nil.
intersection of the wood or steel deck with side }

Winter Freeboard from deck line	3'-5"
Summer " " " "	3'-3½"
Indian Summer " " " "	
N. A. Winter " " " "	

REEBOARD 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	" "	"	...	...	...	...

2 If the frames, skin planking, or ceiling are of unusual thickness the breadth of vessel to inside of ceiling should be reported if possible.

3 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 amidships beam.

4 In flush-decked vessels the total standard mean sheer means the sheer measured at the stern and stern-post. In 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.

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.

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

To what height do the Reverse Frames extend? *To bilge and main deck alternately forward raft of hopper & across floors only*

Has the Poop or Raised Quarter Deck an efficient Iron Bulkhead at the fore end?

Give particulars of the means for closing the openings in Bulkhead

Is the Poop or Raised Quarter Deck connected with the Bridge House? Has the Bridge House an efficient Bulkhead at the fore end?

Give particulars of the means for closing the openings in Bulkhead

What is the thickness of the Bridge Front plating? and Coaming plate?

Give scantlings and spacing of the Stiffeners

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

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

How are the openings closed?

Is the Forecastle at least as high as the main or top-gallant rail? Has the Forecastle an efficient Iron or Wood Bulk'd. at after end?

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

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

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:— *None*

Position and Size.		Ship.		Rule.		Ship.		Rule.		Ship.		Rule.		Ship.		Rule.	
Item.		Ship.		Rule.		Ship.		Rule.		Ship.		Rule.		Ship.		Rule.	
COAMING.	Height above top of DECK																
	Thickness { Sides.....																
	{ Ends.....																
SHIFTING BEAMS OR WEB PLATES.	Number																
	Section and Scantlings																
	Material																
* FORE AND AFTERS.	Number																
	Section and Scantlings																
	Material																
HATCHES Thickness																	
Remarks.....																	

* 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 built 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.

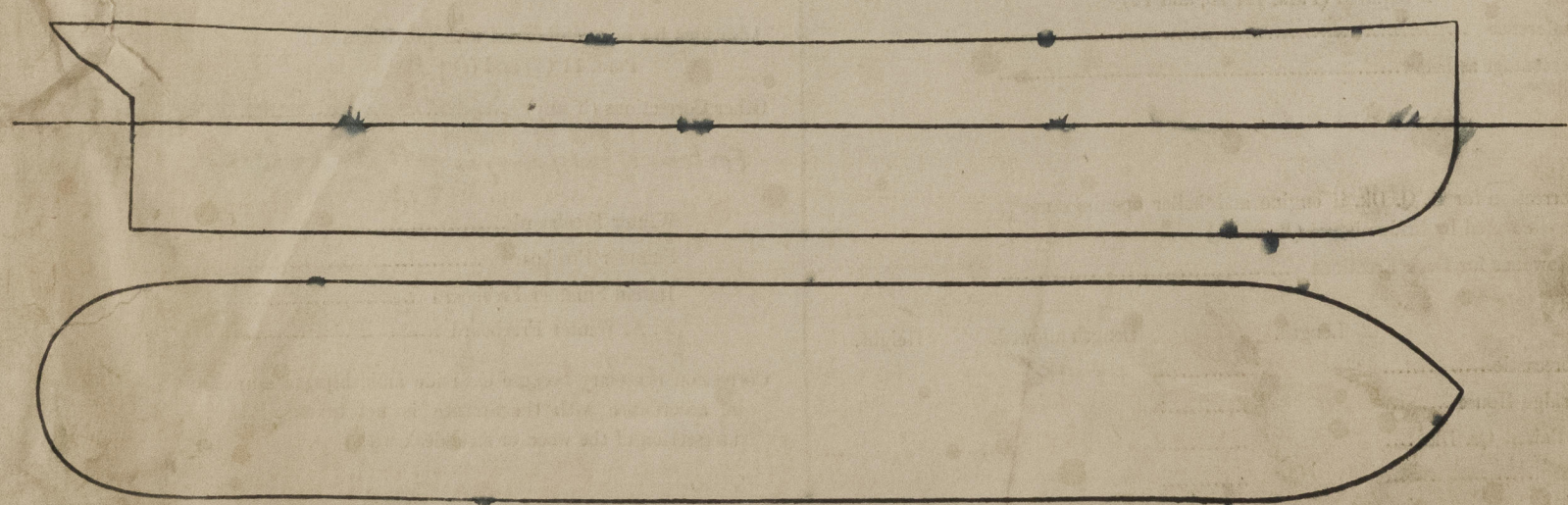
that do not apply { The arrangements to enable them to get backwards and forwards from their quarters are, are not satisfactory.

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		

Total deficiency or excess = Sq. ft.



Show hereon line of Floors & 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 *Sand-pump Hopper Dredger, the plans of which are submitted herewith*

Builder's name and yard number

Names of sister vessels

Owners

Address

Fee £

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