

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.-STEAM SHIPS.

No 29026

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 Sunderland
Date of Survey March 6th 1925
Name of Surveyor W.P. Collings
Revised Rules

Ship's Name. CITY OF DELHI
Port of Registry and Nationality. British
Official Number. 148841
Gross Tonnage. 7606 per M.T. 1925
Date of Build. 1925
Particulars of Classification. 100 A.1.

Registered dimensions from Ship's Register.
LENGTH. 450.5
BREADTH. 58.6
DEPTH. 32.1
UNDER DECK TONNAGE. 7127

Moulded Depth as measured.... 34'-9"

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

Length on LOADLINE. 450.5
Frame Depth 12
Ceiling 10
Peak 12
Rule 7
Sheer +1.27
Tanks 1

Addition for Keel below base line for draught record.... 2.5 inches.

Corrected dimensions.
LENGTH. 450.5
BREADTH. 58.1
DEPTH. 33.5
UNDER DECK TONNAGE. 7082

CORRECTION FOR LENGTH.

Length of Ship on Loadline..... 450.5
Length in Table 417.0
Difference 33.5
Correction for 10ft., Table A. 1.7 Table C. ✓
× Difference divided by 10 5.69 (if required.)
If $\frac{1}{10}$ ths length covered divide by 2 2.84 = +2.84

CORRECTION FOR IRON DECK.

Proportion covered, if less than $\frac{1}{10}$ ths length covered 866
Thickness of usual wood deck, less stringer 3.2 - 3.2

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships..... 58.33
Round of Beam 14.5
Normal round..... 14.5
Difference 0 ÷ 2 =
Proportion of Deck uncovered (Para. 19) ✓

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

Efficiency of fineness..... 80
Any modification necessary } 02
Para. 4 (a) to (e)* }
Efficient as corrected 78

Stem..... 133.5
Sternpost 64.5
Mean 99 ÷ 2 = 99 Mean 36/45.85
at $\frac{1}{2}$ of the length from Stem 75
Sternpost 36 } 111 ÷ 2 = 55.5 Mean
Normal mean Sheer 99.95
Normal mean Sheer [Table, Para. 18] 55.05 Correction
Difference..... 44.90 ÷ 4 = 11.22
Limited as Para. 18 (f) -11.4

Sheer in Sheer { At front of bridge house ✓
amidships {
Para. 18 (e) } At after end of forecastle
Sheer in Sheer {
Para. 18 (d) } ÷ 2 = ✓
Deck uncovered Correction

ALLOWANCE FOR DECK ERECTIONS:—

Board, Table C..... (9.7 - 3.3) 6.4
Correction for Length, if required (Para. 12, 13, and 14)
Board by Table A, corrected for sheer, and for length, if required (Para. 12, 13, and 14) } 8.7 3/4
Difference 2.3 3/4
Allowance as below..... 81.87
24.75 ÷ 100 = 24.75
57.12 ÷ 100 = 57.12
24.75 + 57.12 = 81.87

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11)
Allowance for Deck Erections -1-10 3/4

Length. Length allowed. Height.
Castle, joined to House 316.75 316.75 8'-2"
Raised Qr. Dk. 73.75 73.75 8'-2"
Total 390.50 = 86.87
Length of Ship 450.50

Allowance for percentage of area of Ship (Para. 11, 12, 13, or 14) } 81.87

FREEBOARD recommended amidships from centre of Disc to top of Statutory Deck Line, W (Steel) Deck:—

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Fresh Water Line above centre of Disc 7 1/2
Indian Summer Line " " " " 7
Winter Line below " " " " 6 1/2
Winter North Atlantic Line " " " " 6

If frames, skin planking, or ceiling are of unusual thickness the breadth of vessel to inside ceiling should be reported if possible.
If the height of the R.Q.D. is to be taken from the level of the top of the amidship beam, the height of the R.Q.D. is to be taken from the level of the top of the amidship beam.
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.

Winter Freeboard 6'-8 3/4
Summer Freeboard 6'-8 1/2
Indian Summer Freeboard 5'-9 1/2
N.A. Winter Freeboard 6'-3

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

Winter Freeboard from deck line 6'-10 1/2
Summer " " " " 6'-3 3/4
Indian Summer " " " " 5'-9 1/2
N.A. Winter " " " " 6'-3

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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Do all the Frames extend to the top height in the Poop? *yes* Raised Quarter Deck? *yes* Bridge House? *yes* Forecastle? *yes*
 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 *Storm boards in riveted channels full height*
 Is the Poop or Raised Quarter Deck connected with the Bridge House? *no* Has the Bridge House an efficient Bulkhead at the fore end? *joined*
 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? *yes*
 Has the Bridge House an efficient Iron Bulkhead at the after end? *yes*
 How are the openings closed? *Storm boards in riveted channels full height of Openings*
 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? *Covered by a bridge*
 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.	N ^o 1-27-0 x 19-0		N ^o 2-42-0 x 19-0		N ^o 3-24-0 x 19-0		N ^o 4-12-0 x 19-0		N ^o 5-39-0 x 19-0	
Item.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
COAMING: Height above top of DECK	30"		30"		30"		30"		30"	
Thickness {	Sides.....	<i>ditto</i>	<i>.68</i>	<i>ditto</i>	<i>.60</i>	<i>ditto</i>	<i>.50</i>	<i>ditto</i>	<i>.68</i>	<i>ditto</i>
	Ends.....	<i>.44</i>	<i>.44</i>		<i>.44</i>		<i>.44</i>		<i>.44</i>	
SHIFTING BEAMS OR WEB PLATES.	Number	<i>5</i>	<i>8</i>		<i>4</i>		<i>2</i>		<i>7</i>	
	Section and Scantlings	<i>16x35</i>	<i>17x36</i>	<i>ditto</i>	<i>12x33</i>	<i>ditto</i>	<i>12x31</i>	<i>ditto</i>	<i>14x36</i>	<i>ditto</i>
	Material	<i>4x3x44</i>	<i>4x3x44</i>	<i>ditto</i>	<i>4x3x44</i>	<i>ditto</i>	<i>4x3x44</i>	<i>ditto</i>	<i>4x3x44</i>	<i>ditto</i>
* FORE AND AFTERS.	Number									
	Section and Scantlings	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>
	Material	<i>Steel</i>	<i>Steel</i>	<i>Steel</i>	<i>Steel</i>	<i>Steel</i>	<i>Steel</i>	<i>Steel</i>	<i>Steel</i>	<i>Steel</i>
HATCHES Thickness	3"	<i>ditto</i>	3"	<i>ditto</i>	3"	<i>ditto</i>	3"	<i>ditto</i>	3"	<i>ditto</i>
Remarks.....	<i>good</i>		<i>good</i>		<i>good</i>		<i>good</i>		<i>good</i>	

* 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.

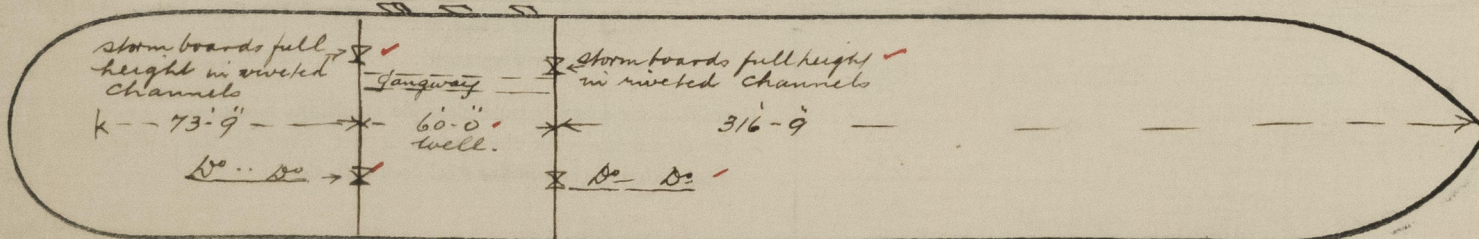
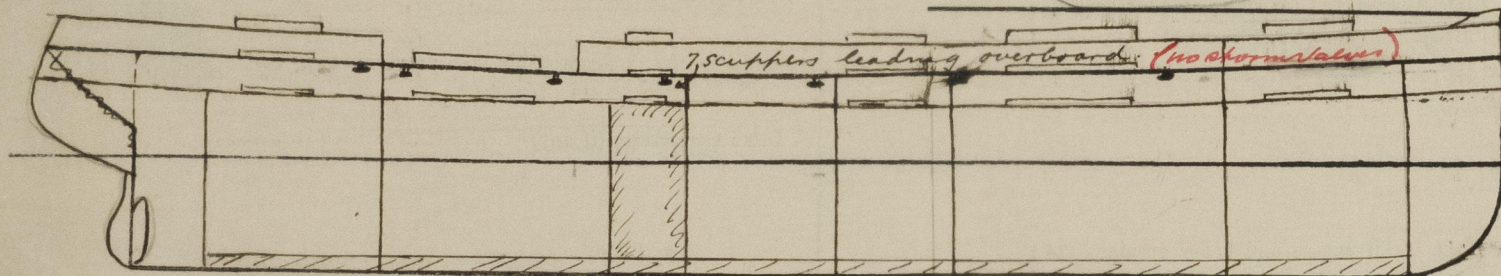
What is the thickness of the Bridge Sheerstrake? *✓* Strake between Main and Bridge Sheerstrakes? *✓*
 Delete the words { The Crew are, ~~are not~~, berthed in the ~~bridge~~ house.
 that do not apply { The arrangements to enable them to get backwards and forwards from their quarters are, ~~are not~~ satisfactory. *✓*

Length of Bulwarks in well *aft. 60' 0" x 4' 3" high = 255 ft*

Area of Freeing Ports required by Para. 11 (e) each side of vessel = *12.0* 25.5 Sq. ft.

Ft.	Tenths.	Ft.	Tenths.	No.	Freeing Ports (each side of vessel)	= <i>25.5</i> 25.5 Sq. ft.
<i>4</i>	<i>25</i>	<i>2</i>	<i>0</i>	<i>3</i>		

Total deficiency or excess = *13.5* nil 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 *Bridge + Forecastle combined*

Builder's name and yard number *N^o 969, Wear Shipyard Co.*

Names of sister vessels *✓*

Owners *Ellerman Lines.*

Address

Fee £ *13* Received by me *See F.C. Report*
will be charged on completion

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