

Verification
Lloyd's Register of Shipping.

Index No. 29387
(For London Office only.)

WED. OCT. 6 1920

SURVEYS FOR FREEBOARD.—STEAM SHIPS.

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

Port of Survey West Hartlepool
Date of Survey (30th Sept) While building
Name of Surveyor Thomas E. Souden

Name. <u>City of Glasgow</u>	Port of Registry and Nationality. <u>Glasgow British</u>	Official Number. <u>143700</u>	Gross Tonnage. <u>✓</u>	Date of Build. <u>1920</u>	Particulars of Classification. <u>100 A.1. Class Contemporary</u>
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Registered dimensions from ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	<u>391.3</u>	<u>54.25</u>	<u>28.95</u>	<u>5085.75</u>
Length on LOADLINE.	<u>390.75</u>	Frame Depth <u>10</u> Rule <u>6</u> Sheer <u>4.3</u>	Decking <u>+20</u> Peak <u>+93</u>	included Tanks
CORRECTED DIMENSIONS.	<u>390.75</u>	<u>53.83</u>	<u>30.08</u>	<u>5085.75</u>

Co-efficient of fineness..... .80
Any modification necessary [Para. 4 (a) to (e)]* - .02
Co-efficient as corrected..... .78

Sheer at Stem..... 108 165 ÷ 2 = 82.5 Mean
at Sternpost... 57
Sheer at 1/2 of the length from Stem 59 1/2 91 ÷ 2 = 45.5 Mean
Sternpost 31 1/2 + 55 = 82.7
Gradual mean Sheer..... 82.6
Standard mean Sheer [Table, Para. 18]..... 49.107 Correction
Difference..... 33.53 ÷ 4 = 8.4
§ If limited as Para. 18 (f).....

Rise in Sheer { At front of bridge house.....
from amidships [Para. 18 (e)] { At after end of forecastle.....

Fall in Sheer { ÷ 2 =
Para. 18 (d) {
Length uncovered..... Correction

ALLOWANCE FOR DECK ERECTIONS :—
Freeboard, Table C..... 5.0
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)..... 7.6
Difference..... 2.6
Percentage as below..... 86.7

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11)..... 2.2
Allowance for Deck Erections.....

	Length.	Length allowed.	Height.
Forecastle.....	<u>274.0</u>	<u>274.25</u>	<u>8.2</u>
Bridge House.....			
† Raised Qr. Dk.....		<u>84.25</u>	<u>8.2</u>
Poop.....	<u>84.3</u>	<u>358.5</u>	
Total.....	<u>258.6</u>	<u>390.75</u>	<u>91.7%</u>
Length of Ship.....			
Corresponding percentage (Para. 11, 12, 13, or 14).....		<u>86.7%</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..... 31.5
Addition for Keel below base line for draught record..... 1.68 inches.

CORRECTION FOR LENGTH.
Length of Ship on Loadline..... 390.75
Length in Table..... 344
Difference..... 13.45
Correction for 10ft., Table A..... 1.6 Table C.
× Difference divided by 10..... 2.2 (if required.)
If 1/10ths length covered divide by 2..... +1

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

CORRECTION FOR ROUND OF BEAM.
Breadth at Gunwale amidships..... 53-1 3/4
Round of Beam..... 13 1/2
Normal round..... 13 1/2
Difference..... ÷ 2 =
Proportion of Deck uncovered (Para. 19).....

Freeboard, Table A..... 8-2 1/2
Correction for Sheer..... -8 1/2
Correction for Length..... +7-7
Allowance for Deck Erections..... -2-2
Correction for Round of Beam..... 5-5
Correction for fall in Sheer (if any).....
Correction for Iron Deck (if required)..... 3 1/2
Additions for non-compliance with provisions of Para. 11 (d) and (e).....
Other Corrections (if any).....

Winter Freeboard.....
Summer Freeboard..... 6 1/2
Indian Summer Freeboard.....
N. A. Winter Freeboard.....
Correction necessary because clearside amidships, measured in accordance with the Statute is not taken at intersection of the wood or iron deck with side.

Winter Freeboard from deck line.....
Summer " " " ".....
Indian Summer " " " ".....
N. A. Winter " " " ".....

State dimensions of freeing port area on back of this form.
The Surveyor should state whether the fall in sheer as reported is measured line of keel or to the water line. If measured relatively to water line survey, and also the usual load draft forward and aft should be reported.

ceiling are of unusual thickness the breadth of vessel to be used if possible under Para. 11 where the sheer drops abaft amidships be taken from the level of the top of the amidships beam. If the amidships beam is not taken from the level of the top of the amidships beam, the amidships beam means the sheer measured at the stem and stern and forecastles. It means the sheer measured at points distant from stem and stern-post.

Do all the Frames extend to the top height in the Poop? *Yes* Raised Quarter Deck? *✓* Bridge House? *Yes* Fore
 To what height do the Reverse Frames extend? *Bulk 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 *Shifting boards full height in permanent*
 Is the Poop or Raised Quarter Deck connected with the Bridge House? *No* 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? *Yes*
 How are the openings closed? *Hinged Doors and Shifting boards full height in permanent channels*
 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? *✓*
 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:— *As approved*

Position and Size.	No 1 24'-9" x 16'-0"		(2) 30'-1" x 16'-2"		3) 17'-1" x 16'-1"		4) 9'-0" x 16'-0"		5) 27'-6" x 16'-1" Well		6) 24'-0" x 16'-2"	
Item.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
COAMING.												
Height above top of DECK	3 1/2		3 1/2		3 1/2	3 1/2	3 1/2	08	3 1/2		3 1/2	
Thickness	Sides.....	48	54		54	48	60	50	52		52	
	Ends.....	44	44		44	44	44	85	44		44	
SHIFTING BEAMS OR WEB PLATES.	Number	4	5		3	5	5	1	5		4	
	Section and Scantlings	1 1/2" x 34	Same as No 1		1 1/2" x 30	Same as No 3	1 1/2" x 33		1 1/2" x 33		Same as No 3	
	Material	3 1/2 x 3 x 42			3 1/2 x 3 x 42		3 1/2 x 3 x 42 T & B.		3 1/2 x 3 x 42 T & B.			
* FORE AND AFTERS	Number											
	Section and Scantlings											
	Material											
HATCHES Thickness	Pine	3"	3"	3"	3"	3"	3"		3"		3"	
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 Lead 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 *32'-3"*

Area of Freeing Ports required by Para. 11 (e) each side of vessel = *9.72* Sq. ft.

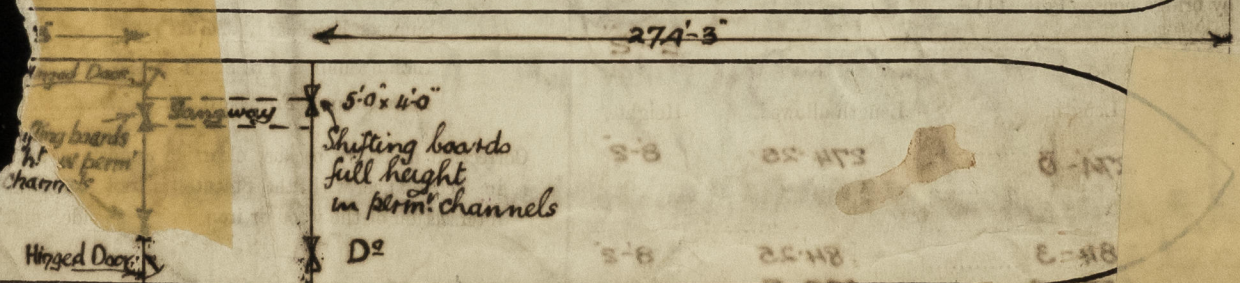
Ft.	Tenths.	Ft.	Tenths.	No.	} Freeing Ports (each side of vessel) = <i>6.25</i> } = <i>9.80</i> Sq. ft.
<i>2.5</i>		<i>1.25</i>		<i>2</i>	
<i>2.67</i>		<i>1.33</i>		<i>1</i>	

Total deficiency or excess = *.08* Sq. ft.

No passenger accommodation

Displacement at load draft = 12817 Tons

Tons per inch = 44.3



Show hereon line of Floors or Tank Top with position of any Breaks in same; also height of Peak Tank tops, &c., &c.

es in the construction of the Vessel *This vessel is now completing afloat*

to SS City of Corinth
Ship Section & Profile forwarded herewith

0 Received by me