

Granford 28636

Index No. 28660  
(For London Office only.)

# Lloyd's Register of Shipping.

## SURVEYS FOR FREEBOARD.—STEAM SHIPS.

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 Wilmington n.c.  
Date of Survey 9th January 1920.  
Name of Surveyor Geo Allan

Ship's Name. <u>City of Omaha</u>	Port of Registry and Nationality. <u>U.S.A.</u>	Official Number.	Gross Tonnage. <u>6527.12</u>	Date of Build. <u>1920</u>	Particulars of Classification. <u>100 A.1. Shelter deck with freeboard. Longitudinal Framing.</u>
Number in Register Book					

Registered Dimensions from Register.	LENGTH. <u>393.7</u>	BREADTH. <u>55.1</u>	DEPTH. <u>31.4</u>	UNDER DECK TONNAGE. <u>5614.44</u>
Length on LOADLINE.	<u>395.32</u>	Frame Depths Rule <u>7.1.5</u> <u>2 x 1.5 = 3.0</u> <u>25'</u>	Depth to Tank <u>31.62</u>	Peak Tanks <u>110.91</u>
CORRECTED DIMENSIONS.	<u>395.32</u>	<u>54.85</u>	<u>31.33</u>	<u>5725.35</u>

Moulded Depth as measured..... 34'-11"

Addition for Keel below base line for draught record... 8/12 inches.

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.....	<u>395.32</u>
Length in Table .....	<u>419.00</u>
Difference .....	<u>23.68</u>
Correction for 10ft., Table A. ....	<u>1.7</u>
Table C. ....	<u>.8</u>
x Difference divided by 10 .....	<u>4.03</u> (if required.)
If 1/10ths length covered divide by 2	<u>-4</u> ✓ <u>-2"</u> ✓

### CORRECTION FOR IRON DECK.

Proportion covered, if less than 1/10ths length covered .....	<u>.486</u>
Thickness of usual wood deck, less stringer .....	<u>3/2"</u>
	<u>-1 3/4"</u> ✓

### CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships.....	<u>55</u>
Round of Beam <u>12" Equivalent</u> .....	<u>10.98</u>
Normal round.....	<u>13.75</u>
Difference .....	<u>2.77</u> ÷ 2 = <u>1.34</u>
Proportion of Deck uncovered (Para. 19) .....	<u>.5136</u> <u>-69"</u>
	<u>+3/4"</u> ✓

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

Co-efficient of fineness..... .84

Any modification necessary [Para. 4 (a) to (e)]\* .02

Co-efficient as corrected ..... .82

Sheer correction for co-eff.  $\frac{10.42}{3 \times 12} = -.29$

no sheer for 162'6" Amidships

Sheer { Stem..... 7'-5 7/8 }  $127.625 \div 2 = 63.812$  Mean at { Sternpost... 3'-2 }

Sheer at 1/3 of the length from { Stem 2'-6 1/2 }  $44.375 \div 2 = 22.187$  Mean { Sternpost 1'-8 7/8 }

Gradual mean Sheer 39.11

Standard mean Sheer [Table, Para. 18] ..... 49.53

Difference..... 10.42 ÷ 4 = 2.61

§ If limited as Para. 18 (f) ..... +2 1/2" ✓

Rise in Sheer from amidships [Para. 18 (e)]

At front of bridge house..... ✓

At after end of forecastle..... ✓

Fall in Sheer [Para. 18 (d)] ÷ 2 = ✓

Length uncovered..... Correction

### ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C..... <u>(9'-9 1/2" - 3'-3") 6'-6 1/2"</u>	<u>6'-8 1/2"</u>
Correction for Length, if required (Para. 12, 13, and 14) <u>1.89</u>	<u>-2</u>
Freeboard by Table A, corrected for sheer, and for length if required (Para. 12, 13, and 14) <u>9.15</u>	<u>9'-8 1/2"</u>
Difference .....	<u>3'-3 1/2"</u>
Percentage as below.....	<u>31.02%</u>
	<u>12.24</u>
	<u>.25</u>

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

Allowance for Deck Erections ..... 12.24 12 1/4 ✓

Length.	Length allowed.	Height.
Forecastle..... <u>37'-9 7/8"</u>	<u>37.82</u> ✓	<u>8'-0"</u>
Bridge House..... <u>109'-8 1/4"</u>	<u>109.69</u> ✓	<u>8'-0"</u>
† Raised Qr. Dk.....		
Poop..... <u>44'-9"</u>	<u>44.75</u> ✓	
Total .....	<u>192.26</u>	
Length of Ship..... <u>395.32</u>	<u>395.32</u>	<u>= .486</u>

Corresponding percentage (Para. 12, 13, or 14) } 31.02% ✓

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

<u>11. 2. 20.</u> Fresh Water Line	above centre of Disc	.....
Indian Summer Line	" " "	.....
Winter Line	below " "	.....
Winter North Atlantic Line	" " "	.....

Freeboard, Table A .....	<u>9'-9.58"</u> X	<u>9'-10 1/2"</u>
Correction for Sheer .....	<u>+2.60</u> X	<u>+2 1/2"</u>
	<u>10.018</u>	<u>10'-0 1/2"</u>
Correction for Length .....	<u>4.03</u>	<u>-4</u>
	<u>9.8.15</u>	<u>9'-8 1/2"</u>
Allowance for Deck Erections .....		<u>-1'-0 1/4"</u>
		<u>8'-8 1/4"</u>
Correction for Round of Beam.....		<u>+0 3/4"</u>
		<u>8'-8 7/8"</u>
Correction for fall in Sheer (if any).....		<u>-1 3/4"</u>
Correction for Iron Deck (if required) .....		<u>8'-7 1/4"</u>
Additions for non-compliance with provisions of Para. 11 (a) and (e) †		
Other Corrections (if any) .....		

Winter Freeboard ..... 8'-7 1/4"

Summer Freeboard ..... 8'-0 3/4"

Indian Summer Freeboard ..... 7'-6 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"

Winter Freeboard from deck line .....	<u>8'-8 1/4"</u>
Summer " " " .....	<u>8'-1 3/4"</u>
Indian Summer " " " .....	<u>7'-7 1/4"</u>
N. A. Winter " " " .....	
Shelter	
Winter Freeboard from deck line .....	<u>8'-1 1/2"</u> ✓
Summer " " " .....	<u>7"</u> ✓
Indian Summer " " " .....	<u>6 1/2"</u> ✓
N. A. Winter " " " .....	<u>6 1/2"</u> ✓

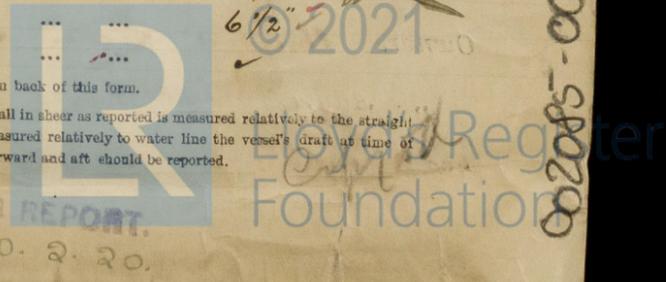
† If the frames, skin planking, or ceiling are of unusual thickness the breadth of vessel to inside of ceiling should be reported if possible.

† 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.

§ In flush-decked vessels the total standard mean sheer means the sheer measured at the stem and sternpost. In vessels having poops and forecastles, it means the sheer measured at points distant one eighth of the vessel's length from stem and sternpost.

† 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 *Sherwood Sys.* Raised Quarter Deck? *do* Bridge House *Sherwood Sys.* Forecastle? *do*  
 To what height do the Reverse Frames extend? *Sherwood System*  
 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 *W. 2 Doors in Bridge and Poop Ahd.*  
 Is the Poop or Raised Quarter Deck connected with the Bridge House? *No* Has the Bridge House an efficient Bulkhead at the fore end? *Yes*  
 Give particulars of the means for closing the openings in Bulkhead *W. 2 Doors*  
 What is the thickness of the Bridge Front plating? *.40* and Coaming plate? *.44*  
 Give scantlings and spacing of the Stiffeners *10" x 3.375" x 3.375" x 21.7" #3 36" Spacing*  
 Are bracket plates fitted at each end of the Stiffeners? *Yes* 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? *W. 2 Doors*  
 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, partial*  
 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 Bridge Deck, Deck house and Casings*  
 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 *Yes*  
 What is the height of the exposed Casings? *Yes* 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.	#1. 31-5+17-7 3/4 #2.		#3.		#4.		Bridge Deck Hatch 3	
Item.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
COAMING. Height above top of DECK	2'-3 1/2" side						1'-8 1/2" side	
Thickness { Sides.....	2'-9 5/8" L.						2'-2 5/8" L.	
{ Ends.....	.50						.50	
	.44						.44	
SHIFTING BEAMS OR WEB PLATES. Number.....	6						2	
Section and Scantlings.....	3/8" plate						3/8" plate	
Material.....	4" x 3" x 7/16" L						4" x 3" x 7/16" L	
	Steel						Steel	
* FORE AND AFTERS. Number.....								
Section and Scantlings.....								
Material.....								
HATCHES Thickness.....	2 3/4" wood						2 3/4"	
Remarks.....								

\* The depth of Fore and Afters should be stated from the underside of the hatches in all cases.

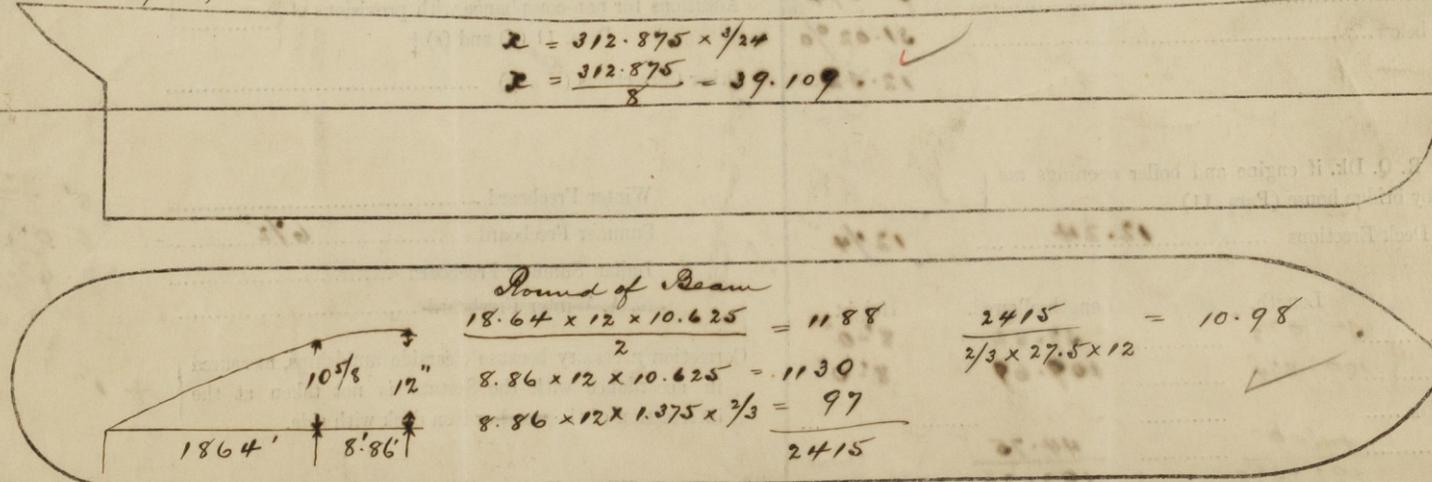
(If the sill of the lowest side scuttle will be less than 6 inches above the Indian Summer Load Line if assigned under the tables, state vertical distance from top of deck at side amidships to lower edge of lowest side scuttle.)

The following information is to be given in all Cases of vessels 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? \_\_\_\_\_

*Sheer Particulars*

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Forewd.	89.625	1	89.625	1	89.625	1	89.625	1	89.625	1	89.625	1	89.625	1	89.625	1	89.625	1	89.625
Length of Bulwarks in well	30.5	4	122.																
Area of Freeing Ports required by Para. 11 (e) each side of vessel	1.875	2	3.75																
Ft. Tenths.	0	4	0																
No.	0	2	0																
Freeing Ports (each side of vessel)	0	4	0																
Total deficiency or excess	13.875	4	55.5																
	9 aft.	38	1	38															



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  
*Sister vessel to J. Cranford*

Owners *United States Shipping Board, Emergency Fleet Corporation*  
 Address *140 North Broad Street Philadelphia Pa.*  
 Fee \$ *50.00* Received by me

