

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 HOUSE OR OTHERWISE.

Port of Survey Jacksonville, Fla.
Date of Survey while Disputed
Name of Surveyor Hugh Boyle

Ship's Name	Port of Registry and Nationality	Official Number	Gross Tonnage	Date of Build	Particulars of Classification
<u>"JACKSONVILLE"</u> <u>Merrill Stearns S. S. Corp. Hull No 107.</u>	<u>Jacksonville, Fla.</u> <u>U. S.</u>		<u>3854</u>	<u>1915</u>	<u>100A1. com'plata</u>

Registered dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	<u>333.8</u>	<u>48.0</u> <u>48.2</u>	<u>24.9</u>	<u>3216</u>
Length on LOADLINE.	<u>334'-6"</u>	Frame Depth <u>7'</u> Ceiling <u>2 1/2'</u> Rule <u>5.5</u> Sheer <u>+0.4</u>	Peak Tanks <u>incl</u>	
		<u>1.9</u> Level Tank <u>1.9 x 2 = 3.8</u> Depth to Tank <u>25.12</u>		
CORRECTED DIMENSIONS.	<u>334.5</u>	<u>47.88</u>	<u>25.16</u>	<u>3216</u>

Co-efficient of fineness......80
Any modification necessary {
[Para. 4 (a) to (e)]*
Co-efficient as corrected78

Sheer { Stem.....73 3/4
at { Sternpost...24 1/2
22
Sheer at 1/3 of the length from { Stem 37 1/4 43 49 1/2 24 3/4
Sternpost 64 1/2 73 1/2 82 1/2 91 1/2 Mean 45.0
Gradual mean Sheer45.0
Standard mean Sheer [Table, Para. 18]43.45 Correction 8 1/4
Difference.....1.55 4 = 38 1/4
§ If limited as Para. 18 (f)-1/2

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

¶ Fall in Sheer { 2 3/8 ÷ 2 = 34.0' aft amidships.
Para. 18 (d) {
Length uncovered
Correction

ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C.....3-6.0
Correction for Length, if required (Para. 12, 13, and 14)+1/4
Freeboard by Table A. corrected for sheer, and for length, if required (Para. 12, 13, and 14)3-6.32
Difference3-0.93
Percentage as below.....30.53

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11)11.27
Allowance for Deck Erections11.27

	Length.	Length allowed.	Height.
Forecastle.....	<u>34'-11" + 2'-6"</u>	<u>34.92</u>	<u>7'-6"</u>
Bridge House.....	<u>97'-0"</u>	<u>94.0</u>	<u>7'-6"</u>
† Raised Qr. Dk.....	<u>25'-9"</u>	<u>25.75</u>	<u>7'-6"</u>
Poop.....			
Total		<u>160.17</u>	
Length of Ship	<u>334.5</u>		
Corresponding percentage (Para. 11, 12, 13, and 14)	<u>29.94</u>		

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

Fresh Water Line	above centre of Disc.
Indian Summer Line	" " "
Winter Line	below " "
Winter North Atlantic Line	" " "

† 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.

Moulded Depth as measured.....27'-6"
Addition for Keel below base line for draught record.....1 3/8"

CORRECTION FOR LENGTH.

Length of Ship on Loadline.....334'-6"
Length in Table330.0
Difference4.5
Correction for 10ft., Table A.1.4 Table C. .4
× Difference divided by 106.30 (if required.) .315
If 1/10ths length covered divide by 2 +3/4 +1/4

CORRECTION FOR IRON DECK.

Proportion covered, if less than 1/10ths length covered4 1/4
Thickness of usual wood deck, less stringer2 1/2 -1 3/4

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships.....48'-0"
Round of Beam12" straight
Normal round.....3 ÷ 2 = 1 1/2
Difference529
Proportion of Deck uncovered (Para. 19)+3 1/4

Freeboard, Table A	<u>6-4.0</u>	<u>6-4</u>
Correction for Sheer	<u>375</u>	<u>-1/2</u>
Correction for Length	<u>6-6.62</u>	<u>6-6 1/2</u>
Allowance for Deck Erections	<u>6-7.25</u>	<u>6-7 1/4</u>
Correction for Round of Beam	<u>5-7.98</u>	<u>5-8 3/4</u>
Correction for fall in Sheer (if any)		<u>-1/4</u>
Correction for Iron Deck (if required)		<u>5-7 1/4</u>

Additions for non-compliance with provisions of Para. 11 (d) and (e) †

Other Corrections (if any)

Winter Freeboard	<u>5-7 1/4</u>
Summer Freeboard	<u>5-2 1/4</u>
Indian Summer Freeboard	<u>4-9 3/4</u>
N. A. Winter Freeboard	<u>5-8 3/4</u>

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.

Winter Freeboard from deck line	<u>5-8 3/4</u>
Summer " " "	<u>5-3 1/4</u>
Indian Summer " " "	<u>4-10 1/4</u>
N. A. Winter " " "	<u>5-3</u>

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.

W505-0206

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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? Yes

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 Steel W.I. hinged door secured with dogs.

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 Steel W.I. hinged door secured by dogs.

What is the thickness of the Bridge Front plating? .38" and Coaming plate? .48"

Give scantlings and spacing of the Stiffeners 8 x 3 1/2 x 3 1/2 x 50 channel spaced 34" to 36" apart.

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? Steel W.I. hinged door secured with dogs

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? open

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

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? ✓

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:—

Position and Size.	N° 1. 22'-0" x 16'-0"		N° 2. 28'-0" x 18'-0"		N° 3. 10'-0" x 17'-0" Bridge Deck		N° 4. 24'-0" x 18'-0"		N° 5. 22'-0" x 18'-0"	
Item.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
COAMING.	Height above top of DECK	36"	36"	36"	24"	24"	36"	36"	36"	36"
	Sides.....	.50"	.50"	.60"	.60"	.60"	.50"	.50"	.50"	.50"
	Ends.....	.44"	.44"	.44"	.44"	.44"	.44"	.44"	.44"	.44"
SHIFTING BEAMS OR WEB PLATES.	Number	4	4	5	5	2	4	4	4	4
	Section and Scantlings	16" x 36 plate 3" x 4 x 7/16 double angles.	16" x 36 plate 3" x 4 x 7/16 double angles.	16" x 36 plate 3" x 4 x 7/16 double angles.	16" x 36 plate 3" x 4 x 7/16 double angles.	14" x 36 plate 3" x 4 x 7/16 double angles.	16" x 36 plate 3" x 4 x 7/16 double angles.	16" x 36 plate 3" x 4 x 7/16 double angles.	16" x 36 plate 3" x 4 x 7/16 double angles.	16" x 36 plate 3" x 4 x 7/16 double angles.
	Material	Steel	Steel	Steel	Steel	Steel	Steel	Steel	Steel	Steel
* FORE AND AFTERS.	Number									
	Section and Scantlings									
	Material									
HATCHES Thickness	3" Y.P.	3" Y.P.	3" Y.P.	3" Y.P.	3" Y.P.	3" Y.P.	3" Y.P.	3" Y.P.	3" Y.P.	3" Y.P.
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?

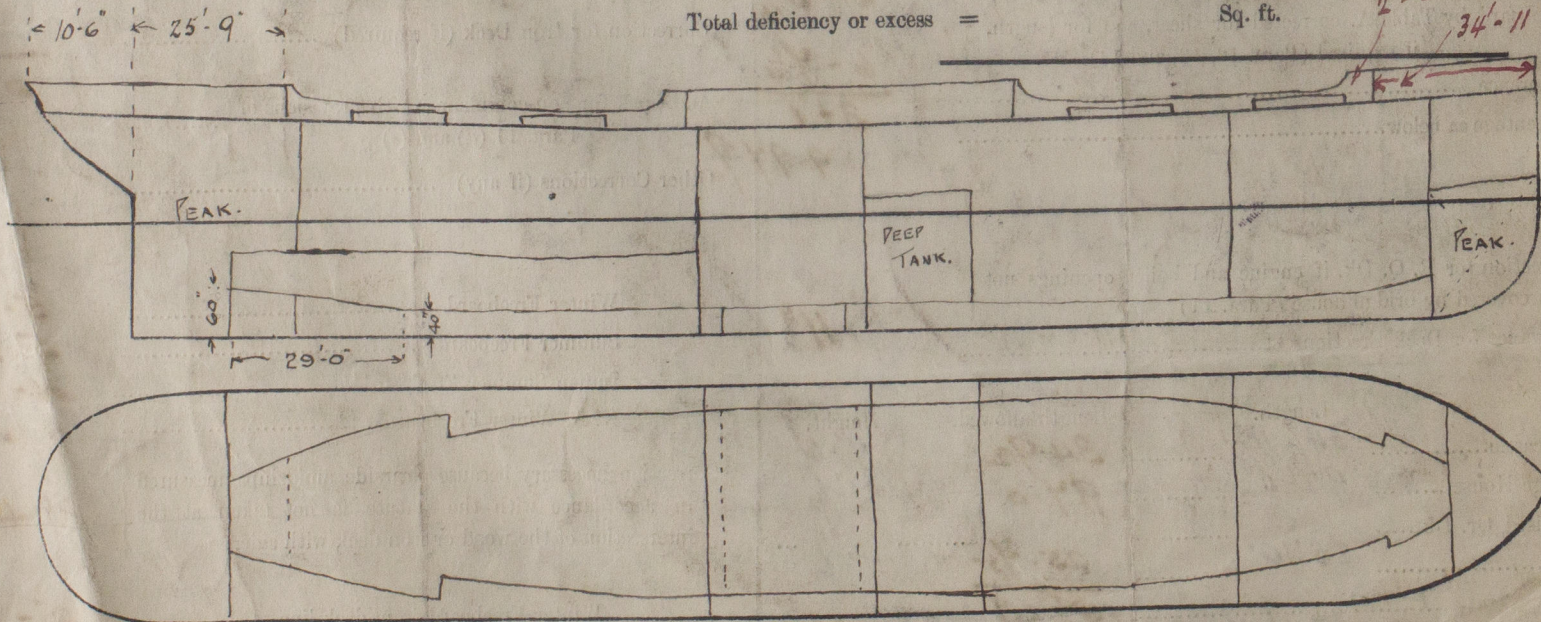
Delete the words { The Crew are, are not, berthed in the bridge house.
that do not apply { The arrangements to enable them to get backwards and forwards from their quarters are, are not satisfactory.

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 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 Longitudinal framing
sp. Munro, Maryland Steel No 107. This vessel is a duplicate but there are differences in the Sheers & deck erection.

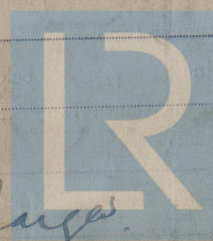
Owners U.S. Shipping Board (Emergency Fleet Corp).

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