

# With or Without Disconnected Erections.

## STEEL STEAMER.

State if Report is also sent on the Machinery of the Vessel *Yes*

Received at London Office *123 JUN. 1919*

Date of completion of report *MAY 23<sup>rd</sup> 1919*

Survey held at *PORTLAND, OREGON*

Port of *PORTLAND, OREGON*

Date, First Survey *Feb. 14<sup>th</sup> 1919*

Last Survey *MAY 13<sup>th</sup> 1919*

No. *563*

On the (State if Single, Twin, or Triple Screw) *SINGLE SCREW STEEL STEAMER*

TONNAGE under *514.3*

Tonnage Deck *104.14*

Do. between Tonnage Dk. and 2nd and 3rd Dk. *104.14*

Total under Upper Dk. *524.48*

Do. of Poop *141.26*

Do. of R. Q. Dk. *7.20*

Do. of Bridge House *421.31*

Do. of Forecastle *148.72*

Do. of Houses on Dk. *172.80*

Do. of excess of Hatchways *37.63*

Do. above Crown of *102.50*

Engine Room *6280.82*

Gross Tonnage *252.11*

as Crew Space *2009.16*

as above Crown of *92.74*

Engine Room *3926.11*

Navigation Spaces

Register Tonnage *3926.11*

as per Rule

CLASS *+ 100 A.1*

FEET.

Breadth (greatest moulded) *54.0*

Depth, at middle of length from top of keel to top of upper deck beams at side *20.16*

Transverse Number *84.16*

Length on deck from fore part of stem to after part of stern post *410.45*

Longitudinal Number *34543*

Depth "d," at middle of length (See Secs. 2 & 13) *11.41*

Proportions—Depths to Length—Upper Deck Beam at side to top of keel *10.60*

Long Bridge Deck Beam at side to top of keel *10.61*

Destined Voyage *✓*

Master *Robert Perry*

Year of appointment *(1) As Master in service of owner of present vessel—1919*

*(2) As Master of this vessel—1919*

Built at *PORTLAND, OREGON*

When built *1919* Launched *April 16<sup>th</sup> 1919*

By whom built *Columbia River Shipbuilding Corp.*

Owners *The Emergency Fleet Corporation*

Managers *✓*

(Where necessary to be entered in Reg. Book.)

Residence *✓*

Port belonging to *PORTLAND, OREGON*

If Surveyed while Building, Afloat, or in Dry Dock *Yes*

LENGTH on Deck as per Rule	Feet.	Inches.	BREADTH Moulded	Feet.	Inches.	DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams	Feet.	Inches.	No. of Decks with flat laid	No. of Tiers of Beams
<i>410</i>	<i>54</i>	<i>0</i>	<i>54</i>	<i>0</i>	<i>20</i>	<i>18</i>	<i>10</i>	<i>5</i>	<i>2</i>	<i>2</i>

Dimensions of Ship per Register, Length *410* breadth *54.2* depth *27.7* Moulded depth, ft. *31* ins. *8 1/2* To Bridge Dk. Round of Upper Dk. Beam, Actual *13 1/2* ins.

FRAMING.				PILLARS.				KEELSONS & STRINGERS.			
FRAME, Angles, on	Inches in Ship.	Inches in Ship.	Inches in Ship.	PILLARS In 'tween Deck, size and spacing	Inches in Ship.	Inches in Ship.	Inches in Ship.	CENTRE LINE KEELSON, Vertical Plate above	Inches in Ship.	Inches in Ship.	Inches in Ship.
Do. in peaks	<i>9</i>	<i>3.8</i>	<i>21.6</i>	" " Hold	<i>7</i>	<i>3.8</i>	<i>21.6</i>	" Rider Plate	<i>62</i>	<i>1.68</i>	<i>62</i>
Do. in way of Double Bottoms at Solid Floors	<i>6</i>	<i>3.5</i>	<i>18.7</i>	" " Quarter 'tween Dks.	<i>13</i>	<i>1.44</i>	<i>13</i>	" Flat Plate Keel Angles	<i>54</i>	<i>1.26</i>	<i>54</i>
" " at intermdt. Bkts.	<i>3 1/2</i>	<i>3 1/2</i>	<i>9.1</i>	" " in Hold	<i>3 1/2</i>	<i>3 1/2</i>	<i>9.1</i>	" Horizontal Plates on Floors	<i>41</i>	<i>1.04</i>	<i>41</i>
acing of Frames from centre to centre amidships	<i>27</i>	<i>✓</i>	<i>27</i>	" " "	<i>✓</i>	<i>✓</i>	<i>✓</i>	" Angles or Bulb Angles	<i>7</i>	<i>3.8</i>	<i>7</i>
" " from 3/4 length to Collision bulkhead	<i>27</i>	<i>✓</i>	<i>27</i>	" " "	<i>✓</i>	<i>✓</i>	<i>✓</i>	" SIDE KEELSONS, Number	<i>13</i>	<i>1.44</i>	<i>13</i>
" " in peaks	<i>24</i>	<i>✓</i>	<i>24</i>	" " "	<i>✓</i>	<i>✓</i>	<i>✓</i>	" Angles or Bulb Angles	<i>3 1/2</i>	<i>3 1/2</i>	<i>3 1/2</i>
VERSED FRAME, Angles	<i>3</i>	<i>3 1/2</i>	<i>7.9</i>	" " "	<i>✓</i>	<i>✓</i>	<i>✓</i>	" Plate above floors, for length	<i>3 1/2</i>	<i>3 1/2</i>	<i>3 1/2</i>
Do. in way of Double Bottoms at Solid Floors	<i>3 1/2</i>	<i>3 1/2</i>	<i>9.1</i>	" " "	<i>✓</i>	<i>✓</i>	<i>✓</i>	" Intercoastal Plate, for length	<i>3 1/2</i>	<i>3 1/2</i>	<i>3 1/2</i>
" " at intermdt. Bkts.	<i>✓</i>	<i>✓</i>	<i>✓</i>	" " "	<i>✓</i>	<i>✓</i>	<i>✓</i>	" Attached to outside Plating with Angle	<i>3 1/2</i>	<i>3 1/2</i>	<i>3 1/2</i>
ING, depth of girder	<i>9</i>	<i>✓</i>	<i>9</i>	" " "	<i>✓</i>	<i>✓</i>	<i>✓</i>	" BILGE KEELSON, Angles	<i>7</i>	<i>3.8</i>	<i>7</i>
ES, depth and thickness of Floor Plate at mid-line for 3/4 length amidships	<i>44</i>	<i>40</i>	<i>✓</i>	" " "	<i>✓</i>	<i>✓</i>	<i>✓</i>	" Intercoastal Plate for length	<i>13</i>	<i>1.44</i>	<i>13</i>
in way of Engine and Boiler Spaces	<i>75</i>	<i>40</i>	<i>0.5</i>	" " "	<i>✓</i>	<i>✓</i>	<i>✓</i>	" Attached to outside Plating with Angle	<i>3 1/2</i>	<i>3 1/2</i>	<i>3 1/2</i>
thickness at the ends of vessel	<i>36</i>	<i>✓</i>	<i>36</i>	" " "	<i>✓</i>	<i>✓</i>	<i>✓</i>	" SIDE STRINGERS, Number	<i>7</i>	<i>3.8</i>	<i>7</i>
depth at 3/4 the half breadth, as per Rule	<i>✓</i>	<i>✓</i>	<i>✓</i>	" " "	<i>✓</i>	<i>✓</i>	<i>✓</i>	" Angles	<i>13</i>	<i>1.44</i>	<i>13</i>
height extended at the Bilges	<i>1.40</i>	<i>✓</i>	<i>1.40</i>	" " "	<i>✓</i>	<i>✓</i>	<i>✓</i>	" Attached to outside plating with Angle	<i>3 1/2</i>	<i>3 1/2</i>	<i>3 1/2</i>
ES in Cell. Double Bottoms	<i>70</i>	<i>✓</i>	<i>70</i>	" " "	<i>✓</i>	<i>✓</i>	<i>✓</i>	" Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)	<i>62</i>	<i>1.68</i>	<i>62</i>
state if flanged (top & bottom)	<i>70</i>	<i>✓</i>	<i>70</i>	" " "	<i>✓</i>	<i>✓</i>	<i>✓</i>	" " " br'dth & thickness (in way of Bridge)	<i>62</i>	<i>1.68</i>	<i>62</i>
Spacing of Solid floors	<i>27</i>	<i>✓</i>	<i>27</i>	" " "	<i>✓</i>	<i>✓</i>	<i>✓</i>	" " " Angle (clear of Bridge)	<i>54</i>	<i>1.26</i>	<i>54</i>
EE GIRDER, in Dbl. bottom, dpth. & thcknss.	<i>44</i>	<i>1.52</i>	<i>✓</i>	" " "	<i>✓</i>	<i>✓</i>	<i>✓</i>	" " " Tie Plate at sides of Hatchways	<i>54</i>	<i>1.26</i>	<i>54</i>
" Angles, Top	<i>3 1/2</i>	<i>3 1/2</i>	<i>12.4</i>	" " "	<i>✓</i>	<i>✓</i>	<i>✓</i>	" " " Deck * Iron or Steel, for	<i>54</i>	<i>1.26</i>	<i>54</i>
" " Bottom	<i>5</i>	<i>5</i>	<i>11.1</i>	" " "	<i>✓</i>	<i>✓</i>	<i>✓</i>	" " " Thickness (clear of Bridge)	<i>41</i>	<i>1.04</i>	<i>41</i>
" " to Floors	<i>5</i>	<i>5</i>	<i>11.1</i>	" " "	<i>✓</i>	<i>✓</i>	<i>✓</i>	" " " (in way of Bridge)	<i>40</i>	<i>1.04</i>	<i>40</i>
Brackets at intermdt. frmg., wdth & thcknss	<i>20</i>	<i>40</i>	<i>✓</i>	" " "	<i>✓</i>	<i>✓</i>	<i>✓</i>	" " " Wood Deck, Material & thickness	<i>No wood deck</i>	<i>✓</i>	<i>✓</i>
GIRDERS, number on each side & thickness	<i>20</i>	<i>40</i>	<i>✓</i>	" " "	<i>✓</i>	<i>✓</i>	<i>✓</i>	" " " Second Deck Stringer Plate, br'dth & thickness	<i>47</i>	<i>1.41</i>	<i>47</i>
" state if flanged (top and bottom)	<i>3 1/2</i>	<i>3 1/2</i>	<i>9.1</i>	" " "	<i>✓</i>	<i>✓</i>	<i>✓</i>	" " " Angles on ditto, No.	<i>3 1/2</i>	<i>3 1/2</i>	<i>3 1/2</i>
" Angles (top and bottom)	<i>3 1/2</i>	<i>3 1/2</i>	<i>9.1</i>	" " "	<i>✓</i>	<i>✓</i>	<i>✓</i>	" " " Tie Plates outside Hatchways	<i>3 1/2</i>	<i>3 1/2</i>	<i>3 1/2</i>
" " to Floors	<i>3</i>	<i>3</i>	<i>8.3</i>	" " "	<i>✓</i>	<i>✓</i>	<i>✓</i>	" " " Deck * Iron or Steel, for	<i>3 1/2</i>	<i>3 1/2</i>	<i>3 1/2</i>
IN PLATE, depth (exclusive of flange) and thickness	<i>40</i>	<i>1.48</i>	<i>✓</i>	" " "	<i>✓</i>	<i>✓</i>	<i>✓</i>	" " " Wood Deck, Material & thickness	<i>No wood deck</i>	<i>✓</i>	<i>✓</i>
" Angle to Outside Plating	<i>4</i>	<i>4</i>	<i>12.1</i>	" " "	<i>✓</i>	<i>✓</i>	<i>✓</i>	" " " Third Deck Stringer Plate, br'dth & thickness	<i>47</i>	<i>1.41</i>	<i>47</i>
" " Floors	<i>5</i>	<i>3 1/2</i>	<i>12.0</i>	" " "	<i>✓</i>	<i>✓</i>	<i>✓</i>	" " " Angles on ditto, No.	<i>3 1/2</i>	<i>3 1/2</i>	<i>3 1/2</i>
Brackets at intermdt. frmg., wdth & thcknss	<i>20</i>	<i>40</i>	<i>✓</i>	" " "	<i>✓</i>	<i>✓</i>	<i>✓</i>	" " " Tie Plates outside Hatchways	<i>3 1/2</i>	<i>3 1/2</i>	<i>3 1/2</i>
Height of Outside Brackets above at bilge	<i>20</i>	<i>40</i>	<i>✓</i>	" " "	<i>✓</i>	<i>✓</i>	<i>✓</i>	" " " Deck * Material and thickness	<i>3 1/2</i>	<i>3 1/2</i>	<i>3 1/2</i>
BOTTOM PLATING, breadth and thickness of Middle Line Strake	<i>44</i>	<i>1.52</i>	<i>✓</i>	" " "	<i>✓</i>	<i>✓</i>	<i>✓</i>	" " " Fourth and Fifth Deck Stringer Plate, br'dth & thickness	<i>47</i>	<i>1.41</i>	<i>47</i>
" " in Engine and Boiler space	<i>44</i>	<i>1.52</i>	<i>✓</i>	" " "	<i>✓</i>	<i>✓</i>	<i>✓</i>	" " " Angles on ditto, No.	<i>3 1/2</i>	<i>3 1/2</i>	<i>3 1/2</i>
" " Remainder in Holds	<i>40</i>	<i>1.48</i>	<i>✓</i>	" " "	<i>✓</i>	<i>✓</i>	<i>✓</i>	" " " Tie Plates outside Hatchways	<i>3 1/2</i>	<i>3 1/2</i>	<i>3 1/2</i>
US, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	<i>7</i>	<i>3.43</i>	<i>18.6</i>	" " "	<i>✓</i>	<i>✓</i>	<i>✓</i>	" " " Deck, Material & thickness	<i>3 1/2</i>	<i>3 1/2</i>	<i>3 1/2</i>
In way of Long Bridge	<i>✓</i>	<i>✓</i>	<i>✓</i>	" " "	<i>✓</i>	<i>✓</i>	<i>✓</i>	" " " Poop Deck Stringer Plate, breadth & thickness	<i>35</i>	<i>1.06</i>	<i>35</i>
Spacing	<i>27</i>	<i>✓</i>	<i>27</i>	" " "	<i>✓</i>	<i>✓</i>	<i>✓</i>	" " " Angle on ditto	<i>3 1/2</i>	<i>3 1/2</i>	<i>3 1/2</i>
IS, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	<i>12</i>	<i>3.5</i>	<i>32.7</i>	" " "	<i>✓</i>	<i>✓</i>	<i>✓</i>	" " " Tie Plates	<i>3 1/2</i>	<i>3 1/2</i>	<i>3 1/2</i>
Spacing	<i>54</i>	<i>✓</i>	<i>54</i>	" " "	<i>✓</i>	<i>✓</i>	<i>✓</i>	" " " Deck, Material and thickness	<i>3 1/2</i>	<i>3 1/2</i>	<i>3 1/2</i>
BEAMS, Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	<i>9</i>	<i>3.8</i>	<i>28.6</i>	" " "	<i>✓</i>	<i>✓</i>	<i>✓</i>	" " " Bridge Deck Stringer Plate, br'dth & thickness	<i>56</i>	<i>1.56</i>	<i>56</i>
Angles on upper edge	<i>✓</i>	<i>✓</i>	<i>✓</i>	" " "	<i>✓</i>	<i>✓</i>	<i>✓</i>	" " " Angle on ditto	<i>56</i>	<i>1.56</i>	<i>56</i>
Spacing	<i>54</i>	<i>✓</i>	<i>54</i>	" " "	<i>✓</i>	<i>✓</i>	<i>✓</i>	" " " Tie Plates	<i>56</i>	<i>1.56</i>	<i>56</i>
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	<i>7</i>	<i>3.43</i>	<i>18.6</i>	" " "	<i>✓</i>	<i>✓</i>	<i>✓</i>	" " " Deck, Material and thickness	<i>56</i>	<i>1.56</i>	<i>56</i>
Angles on upper edge	<i>✓</i>	<i>✓</i>	<i>✓</i>	" " "	<i>✓</i>	<i>✓</i>	<i>✓</i>	" " " Forecastle Deck Stringer Plate, br'dth & thickness	<i>35</i>	<i>1.06</i>	<i>35</i>
Spacing	<i>27</i>	<i>✓</i>	<i>27</i>	" " "	<i>✓</i>	<i>✓</i>	<i>✓</i>	" " " Angle on ditto	<i>3 1/2</i>	<i>3 1/2</i>	<i>3 1/2</i>
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	<i>7</i>	<i>3.43</i>	<i>18.6</i>	" " "	<i>✓</i>	<i>✓</i>	<i>✓</i>	" " " Tie Plates	<i>3 1/2</i>	<i>3 1/2</i>	<i>3 1/2</i>
Angles on upper edge	<i>✓</i>	<i>✓</i>	<i>✓</i>	" " "	<i>✓</i>	<i>✓</i>	<i>✓</i>	" " " Deck, Material and thickness	<i>3 1/2</i>	<i>3 1/2</i>	<i>3 1/2</i>
Spacing	<i>27</i>	<i>✓</i>	<i>27</i>	" " "	<i>✓</i>	<i>✓</i>	<i>✓</i>	" " "	<i>3 1/2</i>	<i>3 1/2</i>	<i>3 1/2</i>

\* If Iron or Steel Deck, state if whole or part, and if Wood Deck is laid thereon.







GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 41.7 ft., R.Q.D. 5 ft., Bridge 44.7 ft., Forecastle 14.7 ft. (in feet and tenths). ~~When the Poop is joined to the B.D., this should be distinctly stated.~~

No. and Material of Decks (if Iron or Steel) and whether wholly or partially covered with wood, and No. of tiers of Beams (this information is to be given should appear in the Register Book) 2 Decks Steel 2 Tiers of Beams

Official No. 218010; Signal Letters L R B N

State if Machinery is fitted aft no

How are the surfaces preserved from oxidation? Inside 3 Coats of Paint Outside 3 Coats of Paint

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system or with girders on floors Cellular

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	<u>135.0</u>	<u>372.5</u>	Fore peak tank,	<u>22.5</u>	<u>132</u>
Double bottom, under Engines and Boilers,	<u>45.0</u>	<u>188.0</u>	After peak tank,	<u>16.0</u>	<u>14.3</u>
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,	<u>29.25</u>	<u>74.3</u>
Double bottom, forward,	<u>175.0</u>	<u>578.4</u>	Other tanks, if fitted,	<u>6.75</u>	<u>8.3</u>
	Total capacity of double bottom	<u>1138.9</u>	(If necessary, furnish further information by sketch.)		

\* The wells are not to be included in the lengths of the tanks. 355

State whether the above have been tested as required by the Rules. yes

Order for Special Survey No. 64

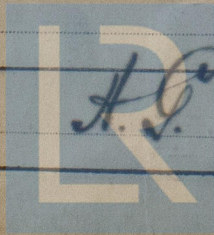
Date Feb 15<sup>th</sup> 1919

No. 17 in builder's yard.

DATE of Surveys held while building

19 Feb. 14, 17, 20, 22, 25, 28 Mar. 1, 6, 11, 13, 17, 21, 26, 28, 29 Apr. 1, 3, 8, 9, 12, Apr. 16, 18, 21, 25, 28, 29 May 1, 3, 6, 9, 12, 13.

Surveyor's Signature



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