

# With or Without Disconnected Erections.

## STEEL STEAMER.

Date of completion of report 3<sup>rd</sup> April 1918 Port of Seattle Wash No. 549  
Survey held at Seattle Wash Date, First Survey Sept 21<sup>st</sup> 1917 Last Survey Afterward 25<sup>th</sup> 1918  
On the (State if Single, Twin, or Triple Screw) Single Screw Steamer West Arrow Pig

**TONNAGE under Tonnage Deck** 5769.33  
Do. between Tonnage Decks 139.09  
**Total under Upper Dk.**  
Do. of Poop 134.22  
Do. of R.Q. Dk. 91.17  
Do. of Bridge House 115.69  
Do. of Forecastle 167.63  
Do. of Houses on Dk. 34.64  
Do. of excess of Hatchways 25.22  
Do. above Crown of Engine Room 273.83  
**Gross Tonnage** 5852.37  
Less Crew Space 1037.15  
Less above Crown of Engine Room 28.47  
Less Navigation Spaces 76.76  
**Register Tonnage** 4435.96  
as cut on Beam

**CLASS** 100A1  
**Breadth** (greatest moulded) 54.0  
**Depth** at middle of length from top of keel to top of upper deck beams at side 29.45  
**Transverse Number** 83.75  
**Length** on deck from fore part of stem to after part of stern post 410.45  
**Longitudinal Number** 34375  
**Depth "d,"** at middle of length (See Secs. 2 & 13) 18.00  
**Proportions**—Depth to Length—Upper Deck Beam at side to top of keel 13.77  
" " Long Bridge Deck Beam at side to top of keel 10.73

**Master** H. W. Dowling  
**Year of appointment** (1) As Master in service of owner of present vessel—1918  
(2) As Master of this vessel—1918  
**Built at** Seattle Washington  
**When built** 1918 **Launched** Jan 19<sup>th</sup> 1918  
**By whom built** The Skinner & Eddy Corp  
**Owners** The United States Shipping Board  
**Managers** Emergency Fleet Corp  
(Where necessary to be entered in Reg. Book.)  
**Residence** United States  
**Port belonging to** Seattle

**Destined Voyage** Sealed Orders **If Surveyed while Building, Afloat, or in Dry Dock** Building

Deck	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
410	54	0	54	0	29	45	29	45	8	2	2
Ship per Register, Length <u>410.0</u> breadth <u>54.0</u> depth <u>29.1</u>											
Moulded depth, ft. <u>38</u> ins. <u>3</u> To Bridge Dk. Round of Upper Dk. Beam, Actual <u>13 1/2</u> ins.											
Moulded depth, ft. <u>29</u> ins. <u>9</u> To Upper Dk.											
FRAMING.						PILLARS.					
Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship
Amidships	3.8	25.6	9	3.8	25.6	PILLARS, in 'tween Deck, size and spacing					
Angles	3 1/2	11.4	6	3 1/2	11.4	" " Hold					
of Double Bottoms at Solid Floors	3 1/2	9.8	3 1/2	3 1/2	9.8	" " Quarter 'tween Dks., " "					
" " " " " "	"	"	"	"	"	" " in Hold					
frames from centre to centre amidships	24	"	24	"	"	" " " "					
" " " " " "	24	"	24	"	"	" " " "					
" " " " " "	24	"	24	"	"	" " " "					
FRAME, Angles, in peaks	3 1/2	4.9	3 1/2	3 1/2	4.9	" " " "					
of Double Bottoms at Solid Floors	3 1/2	9.8	3 1/2	3 1/2	9.8	" " " "					
" " " " " "	"	"	"	"	"	" " " "					
depth of girder	9	"	9	"	"	" " " "					
depth and thickness of Floor Plate	"	"	"	"	"	" " " "					
at mid-line for 1/2 length amidships	"	"	"	"	"	" " " "					
of Engine and Boiler Spaces	"	"	"	"	"	" " " "					
at the ends of vessel	"	"	"	"	"	" " " "					
at 1/2 the half breadth, as per Rule	"	"	"	"	"	" " " "					
extended at the Bilges	"	"	"	"	"	" " " "					
Cell, Double Bottoms	44	40	44	40	"	" " " "					
ate if flanged (top & bottom)	70	"	70	"	"	" " " "					
acing of Solid floors	24	"	24	"	"	" " " "					
IDER, in Dbl. bottom, dpth. & thcknss.	44	52	44	52	"	" " " "					
" Angles, Top	3 1/2	12.4	3 1/2	3 1/2	12.4	" " " "					
" " Bottom	5	18.1	5	5	18.1	" " " "					
" " to Floors	5	18.1	5	5	18.1	" " " "					
ERS, number on each side & thickness	40	40	40	40	"	" " " "					
state if flanged (top and bottom)	70	"	70	"	"	" " " "					
Angles (top and bottom)	3 1/2	9.8	3 1/2	3 1/2	9.8	" " " "					
" to Floors	3	8.3	3	3	8.3	" " " "					
MARGIN PLATE, depth (exclusive of flange) and thickness	38	48	38	48	"	" " " "					
" " Angle to Outside Plating	4	12.8	4	4	12.8	" " " "					
" " Floors	3 1/2	9.8	3 1/2	3 1/2	9.8	" " " "					
" " " " " "	"	"	"	"	"	" " " "					
Height of Outside Brackets above at bilge	68	"	68	"	"	" " " "					
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	44	52	44	52	"	" " " "					
" " in Engine and Boiler space	8.52	13.56	8.52	13.56	"	" " " "					
" " Remainder in Holds	40	"	40	"	"	" " " "					
BEAMS, Upper Deck, Single Angle, Bulb	4x3.438x18.6	4x3.438x18.6	4x3.438x18.6	4x3.438x18.6	"	" " " "					
" " Angle, Plate, Tee Bulb, or Channel	4x3.438x18.6	4x3.438x18.6	4x3.438x18.6	4x3.438x18.6	"	" " " "					
" " In way of Long Bridge	24	"	24	"	"	" " " "					
" " Spacing	12	32x32.4	12	32x32.4	"	" " " "					
BEAMS, Second Deck, Single Angle, Bulb	12x3.438x18.6	12x3.438x18.6	12x3.438x18.6	12x3.438x18.6	"	" " " "					
" " Angle, Plate, Tee Bulb, or Channel	54	"	54	"	"	" " " "					
" " Spacing	4x3.438x18.6	4x3.438x18.6	4x3.438x18.6	4x3.438x18.6	"	" " " "					
BEAMS, Third and Fourth Deck, Single Angle, Bulb	4x3.438x18.6	4x3.438x18.6	4x3.438x18.6	4x3.438x18.6	"	" " " "					
" " Angle, Plate, Tee Bulb, or Channel	24	"	24	"	"	" " " "					
" " Angles on upper edge	4x3.438x18.6	4x3.438x18.6	4x3.438x18.6	4x3.438x18.6	"	" " " "					
" " Spacing	24	"	24	"	"	" " " "					
BEAMS, Poop Deck, Angle, Bulb, Angle, Plate, Tee Bulb, or Channel	4x3.438x18.6	4x3.438x18.6	4x3.438x18.6	4x3.438x18.6	"	" " " "					
" " Angles on upper edge	54	"	54	"	"	" " " "					
" " Spacing	4x3.438x18.6	4x3.438x18.6	4x3.438x18.6	4x3.438x18.6	"	" " " "					
BEAMS, Bridge Deck, Angle, Bulb, Angle, Plate, Tee Bulb, or Channel	4x3.438x18.6	4x3.438x18.6	4x3.438x18.6	4x3.438x18.6	"	" " " "					
" " Angles on upper edge	24	"	24	"	"	" " " "					
" " Spacing	4x3.438x18.6	4x3.438x18.6	4x3.438x18.6	4x3.438x18.6	"	" " " "					
BEAMS, Forecastle Deck, Angle, Bulb, Angle, Plate, Tee Bulb, or Channel	4x3.438x18.6	4x3.438x18.6	4x3.438x18.6	4x3.438x18.6	"	" " " "					
" " Angles on upper edge	24	"	24	"	"	" " " "					
" " Spacing	4x3.438x18.6	4x3.438x18.6	4x3.438x18.6	4x3.438x18.6	"	" " " "					







<p> <i>Sen. 49.0°</i>  <i>32.2.46</i>  <i>2</i>  <i>3 of 6.7"</i>  <i>22.7.42</i> </p>	<p> <i>Sen. 49.0°</i>  <i>32.2.46</i>  <i>2</i>  <i>3 of 6.7"</i>  <i>22.7.42</i> </p>
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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 should appear in the Register Book) 2 Stk (Stl)

Official No. 216012 ; Signal Letters LJRP . State if Machinery is fitted aft No  
How are the surfaces preserved from oxidation? Inside Paint Cement & Bitumastic Outside Paint

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

Where Fitted.	*Length.	Water Capacity.	Where Fitted.
	Feet.	Tons.	
Double bottom, aft,	135.0	411	Fore peak tank,
Double bottom, under Engines and Boilers,	45	184	After peak tank,
<del>Double bottom, if under Engines only,</del>			Deep tank, aft,
<del>Double bottom, if under Boilers only,</del>			Deep tank, forward,
Double bottom, forward,	175.5	603	Other tanks, if fitted, <i>Oil settling tank Amudshij</i>
355.5 = Total capacity of double bottom		1198	(If necessary, furnish further information by sketch.)

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

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

Order for Special Survey No. 92

Date *Oct. 3<sup>rd</sup> 1914*

No. 12 in builder's yard.

## DATES of Surveys held while building

Sept 21. 28 Oct 3. 5. 10. 13. 15. 18. 23. 30 Nov 9. 13. 22. 28 &  
January 1918-4. 7. 12. 14. 15. 17. 19 Feb 2. 8. 13. 15. 16. 18. 28

Surveyor's Signature

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John. Whitehead