

## Disconnected Erections.

# STEEL STEAMER.

Received at London Office..

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

Date of completion of report \_\_\_\_\_  
Survey held at Alameda

Port of San Francisco

Date, First Survey 29<sup>th</sup> May 1917 Last Survey

San Francisco No. 2673  
Last Survey Feb 26th 1912

On the (State if Single, Twin, or Triple Screw)

5/8 "Herbert L. Pratt"

Rig Schooner

Master H. H. Bennett

Year of appointment

(1) As Master in service of  
owner of present vessel:—191  
(2) As Master of this  
vessel:—191.

Built at Alameda, Cal

When built 1917-18 Launched 8 Nov 1917

By whom built *Bethlehem Shipbuilding*

Owners *The Atlantic Refining Co*

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

Residence Philadelphia Pa.

Port belonging to *Philadelphia*

Destined Voyage Seattle

*If Surveyed while Building, Afloat, <sup>AND</sup> or in Dry Dock* YES.

<b>Net Tonnage</b>	<i>53720</i>		<b>Destined Voyage</b>	<i>Seaside</i>		<b>Surgeon</b>		
<b>Length on Deck per Rule</b>	Feet.	Inches.	<b>BREADTH—Moulded</b>	Feet.	Inches.	<b>DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams</b>	Feet.	Inches.
	<i>435</i>	<i>0</i>		<i>56</i>	<i>0</i>	<b>Second Dk. Beams</b>	<i>26</i>	<i>6</i>
						<b>No. of Decks with flat laid</b>	<i>Two</i>	
						<b>No. of Tiers of Beams</b>	<i>Two</i>	

Dimensions of Ship per Register, Length 435.0 breadth 56.0 depth 32.0

FRAMING.		Inches in Ship	Inches in Ship	Inches in Ship	Inches per Rule Or as	Inches per Rule per Rule	Inches per Rule per Rule
		See	Page	4			
NAME, Angles, or C or L Bars amidships		7	13½	40	7	5½	40
AFTER							
Do. in peaks	ANGLE	3½	3½	44	3½	3½	44
Do. in way of Double Bottoms at Solid Floors.	E & B SPACE AFT						
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PILLARS, In 'tween Deck, size and spacing		Size in Ship.	Spacing in Ship.	per Rule Or as	Approved.
"	Hold	"	"		
"	Quarter 'tween Dks.,	"	"		
"	in Hold	"	"		
CENTRE LINE KEELSON, Vertical Plate above } floors, Through Plate, or Intercoastal Plate }					
"	Rider Plate.....				
"	Flat Plate Keel Angles .....				
"	Horizontal Plates on Floors .....				
"	Angles or Bulb Angles .....				
SIDE KEELSONS, Number					
"	Angles or Bulb Angles .....				
"	Plate above floors, for .....				
"	Intercoastal Plate, for .....				
"	Attached to outside Plating with Angle ...				
BILGE KEELSON, Angles .....					
"	Intercoastal Plate for .....				
"	Attached to outside Plating with Angle ...				
SIDE STRINGERS, Number					
"	Angle .....				
"	Intercoastal Plate, for .....				
"	Attached to outside plating with Angle .....				
Upper Deck Stringer Plate, br'dth & thickness } (clear of Bridge) }		63" x 14		63" x	
"	" " " " } (in way of Bridge) }	6" x 6" x 60		6" x 6" x	
"	" " " Angle (clear of Bridge) ...				
"	" Tie Plate at sides of Hatchways .....				
"	Deck. * Iron or Steel, for Full lng.		46		
"	" Thickness (clear of Bridge) .....				
"	" " (in way of Bridge) .....				
"	Wood Deck. Material & thickness				
Second Deck Stringer Plate, br'dth & thickness		75	48	75	
"	Angles on ditto, No. ....	5 x 5		5 x 5	
"	Tie Plates outside Hatchways .....				
"	Deck. * Iron or Steel, for Full lng.	40		40	
"	Wood Deck. Material & thickness				
Third Deck Stringer Plate, br'dth & thickness					
"	Angles on ditto, No. ....				
"	Tie Plates, outside Hatchways .....				
"	Deck. * Material and thickness				
Fourth and Fifth Deck Stringer Plate, } breadth & thickness }					
"	" " " Angles on ditto, No. ....				
"	" " " Tie Plates outside Hatchways				
"	" " " Deck. Material & thickness				
Poop Deck Stringer Plate, breadth & thickness		37	36	37	
"	Angle on ditto .....	3 1/2 x 3 1/2	36	3 1/2 x 3 1/2	
"	Tie Plates .....	3" PINE	OVER	CREW'S	
"	Deck. Material and thickness. STEEL		30		
Bridge Deck Stringer Plate, br'dth & thickness		63	42		
"	Angle on ditto .....	3 1/2 x 3 1/2	42	3 1/2 x 3 1/2	
"	Tie Plates .....				
"	Deck. Material and thickness. STEEL		30		
Forecastle Deck Stringer Plate, b'dth & th'kns					
"	Angle on ditto .....	3 1/2 x 3 1/2	36	3 1/2 x 3 1/2	
"	Tie Plates .....				
"	Deck. Material and thickness. STEEL		36		

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



Form No. 1A. WEB FRAMES. FORGINGS or CASTINGS. BULKHEADS. PLATING. RIVETING. MASTS, SPARS, &c.

EQUIPMENT No. 40675. LETTER Bt. ANCHORS. TONNAGE U.D.K. OR PLATING No. FOR TRAWLERS. CHAIN CABLES. HAWSERS AND WARPS. Boats. Steering Gear, Steam Amidship. Steering Gear, Hand Aft. Pumps, Number AS PER PUMPING PLAN. Diameter of Barrel. State whether they are in efficient working order. Windlass is STEAM BY UNION IRON WORKS. Capstan ONE, AFT. Engine Room Skylights. How constructed? STEEL PLATES & ANGLES. What arrangements for deadlights in bad weather? STEEL FLOPS & BULL'S EYES. Coal Bunker Openings. How constructed? STEEL PLATES & ANGLES. How are lids secured? CLEATS & BATTENS. Height above deck? 18". Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. 6 SCUPPERS EACH SIDE. OPEN RAILS. Ceiling in Holds, thickness and material. Cargo Battsens, thickness and material. Cargo Hatchways. How formed? Steel plate & angles. OIL HATCHES AS PER DECK PLAN. Hatches, If strong and efficient? YES. State size No. 1 Hatch (Forward) 10'0" x 10'0". No. 2 Hatch. No. 3 Hatch. No. 4 Hatch. Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch ONE. No. of Breasthooks Ten. No. of Crutches DEEP FLOORS. Bulwarks, height above deck and description OPEN RAILS. Main Rail, material and size. The foregoing is a correct description. Surveyor's Signature A. Bennett & J. Mcintosh. Builder's Signature (here only) J. L. O'Neil. Correspondence. State dates and initials of letters respecting this case (Reference should be made in any correspondence connected with the case). London 11/25/16, 11/12/18, cable 2/2/18, New York 6/5/16, 1/8/17. Workmanship. Are the butts of plating planed or otherwise fitted? Planed where practicable. Is the riveted work properly closed? Yes. Are the liners between the frames and plates solid single pieces? None, longitudinal framing. Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., conform well to each other? Yes. Are the rivet holes well and sufficiently countersunk in the plate and punched from the facing surfaces? Yes. Do any rivets break into or through the seams or butts of the plating? A FEW. Are the butts of Plating, Stringers, &c., properly shifted and strapped? YES. Have all the upper and weather decks been tested as required by the Rules (Sec. 26, par. 20)? YES. State results of tests Satisfactory. Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? YES. State results of tests Satisfactory. General Remarks (State quality of workmanship, &c.) This vessel has been built in accordance with the approved plans & the rules of this society: The materials & workmanship are of good quality. The cargo tanks, cofferdams, oil fuel tanks & water ballast tanks have all been tested as required by the rules & found satisfactory. Sister Vessel to S.S. "J.L. O'Neil" S. To Rpt. 2641. The Surveyor should state the Number of Report and Name of any Sister Vessel. Plans to be forwarded with F.E. Report showing vessel as built. FREEBOARD FEE 50:00. The amount of Entry Fee 25:00. Special Survey Fee 10:18. Travelling Expenses, if any 8:58. State whether the Vessel has been built under Special Survey YES. I am of opinion this Vessel should be Classed 100 A.I. carrying petroleum in bulk. With, or without Freeboard, as condition of Class WITHOUT. Longitudinal framing. Committee's Minute New York MAR 26 1918. Character assigned +100 A.I. Carr: Pet. in bulk. note: Long frame incl. aft. 1/2" to 1/4" over. Elec. Light. W 942-0246 2 1/2



## pt. 4a.

Date of writing Report \_\_\_\_\_

No. in Survey \_\_\_\_\_  
Reg. Book. \_\_\_\_\_

\_\_\_\_\_ on the \_\_\_\_\_

Master \_\_\_\_\_

Engines made a \_\_\_\_\_

Boilers made at \_\_\_\_\_

Registered Horses \_\_\_\_\_

Shaft Horse Power \_\_\_\_\_

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**TURBINE ENGINE**

Diameter of Rotor \_\_\_\_\_

Diameter of Journals \_\_\_\_\_

Diameter of Wheel \_\_\_\_\_

Width of Face \_\_\_\_\_

No. of Screw Shafts \_\_\_\_\_

No. of Blades \_\_\_\_\_

Thickness at Bottom \_\_\_\_\_

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**ARTICULAR JOINTS**

1ST EXPANSION \_\_\_\_\_

2ND " \_\_\_\_\_

3RD " \_\_\_\_\_

4TH " \_\_\_\_\_

5TH " \_\_\_\_\_

6TH " \_\_\_\_\_

7TH " \_\_\_\_\_

8TH " \_\_\_\_\_

No. and size of Bolts \_\_\_\_\_

No. and size of Bolts \_\_\_\_\_

No. and size of Bolts \_\_\_\_\_

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**CHAIN LOCKER**

No. of Bilge Injectors \_\_\_\_\_

Are all the bilge injectors \_\_\_\_\_

Are all connections \_\_\_\_\_

Are they fixed sufficient \_\_\_\_\_

Are they each fitted \_\_\_\_\_

What pipes are connected \_\_\_\_\_

Are all Pipes, Cocks \_\_\_\_\_

Are the Bilge Suction \_\_\_\_\_

Is the Screw Shaft \_\_\_\_\_

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**BOILERS, & CONDENSERS**

Total Heating Surface \_\_\_\_\_

Working Pressure \_\_\_\_\_

Can each boiler be \_\_\_\_\_

each boiler. \_\_\_\_\_

Smallest distance \_\_\_\_\_

Thickness \_\_\_\_\_

long. seams \_\_\_\_\_

Per centages of strength \_\_\_\_\_

Size of compensating \_\_\_\_\_

Length of plain pipes \_\_\_\_\_

Working pressure \_\_\_\_\_

Pitch of stays to \_\_\_\_\_

Material of stays \_\_\_\_\_

Material \_\_\_\_\_

Diameter at small \_\_\_\_\_

Thickness \_\_\_\_\_

Diameter of tubes \_\_\_\_\_

Pitch across width \_\_\_\_\_

thickness of girders \_\_\_\_\_

Working pressure \_\_\_\_\_

Thickness of shell \_\_\_\_\_

Working pressure \_\_\_\_\_

NOTE:—This slip to be pasted on the fourth page of the Report, and reference to same to be made under framing, etc., on the first page.

501215 T

BOILERS, &  
Total Heating  
Working Press  
Can each boiler be  
each boiler 2 9  
Smallest distance  
Thickness 7/8  
long. seams T. 3

Official No. 215960 ; Signal Letters LJQD . State if Machinery is fitted aft Yes

How are the surfaces preserved from oxidation? Inside BY PAINT & ASPHALT outside OIL TANKS Outside BY PAINT

Per centages of stay  
Size of compensat  
Length of plain p  
Working pressur  
Pitch of stays to  
Material of stays  
Material

Diameter at small  
Thickness  
Diameter of tubes  
Pitch across wide  
thickness of girdle  
Working pressure  
Thickness of shell  
Working pressure

\* 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.....Yes

DATES of Surveys  
held while building

Date <sup>in</sup> 25 May 1916

No. 144 in builder's yard.

1917 May 29, June 8, 9, 13, 30, July 10, 16, 18, 23, 25, 27, 31, August 3, 6,  
10, 11, 17, 27, 29, Sept. 4, 13, 17, 19, 28, October 1, 5, 10, 16, 17, 18, 19, 20,  
22, 23, 24, 25, 26, 29, 30, November 1, 2, 5, 6, 7, 8, 12, 21, 23, Decem  
4, 18, 21, 24, 26, 27, January 1918, 4, 5, 7, 8, 9, 10, 11, 12, 14, 16, 17,  
19, 21, 22, 23, 24, 25, 26, 28, 29, 31, Feb. 1, 7, 11, 14, 15, 16, Total No. of Visits 88  
18, 19, 20, 21, & 25

Surveyor's Signature *A. Bennett & P. M. Intosh*