

With or Without
Disconnected Erections.

STEEL STEAMER.

Received at London Office
MAY 23 1921

Date of completion of report 21st April 1921
Survey held at Victoria B.C.
State if Report is also sent on the Machinery of the Vessel
Port of Vancouver B.C.
Date, First Survey 28th April 1919
Last Survey 18th April 1921
No. 866

On the (State if Single, Twin, or Triple Screw) *Single Screw Steamer*
TONNAGE under Tonnage Deck 4882.11
CLASS *+100A1*
FREET.
Master *E. S. WILSON*

Do. between Tonnage Dk. and 3rd and 4th Dk. 152.34
Total under Upper Dk. 4882.11
Do. of Poop 152.34
Do. of R.C.D. 57.4
Do. of Bridge House 28.40
Do. of Forecastle 28.89
Do. of Houses on Dk. 159.98
Do. of excess of Hatchways 58.51
Do. above Crown of 76.74
Engine Room 5454.76
Gross Tonnage 5454.76
Less Crew Space 5442.62
Less above Crown of 2079.45
Engine Room 5454.76
TONNAGE FOR FEES 5442.62
Less Engine Room 3363.17
Less Navigation Spaces 3363.17
Register Tonnage as cut on Beam 3363.17
Destined Voyage *Egypt*
If Surveyed while Building, Afloat, or in Dry Dock *yes*
Year of appointment (1) As Master in service of owner of present vessel: 1919
(2) As Master of this vessel: 1921
Built at *Victoria B.C.*
When built *1921* Launched *29th April 1920*
By whom built *Harbour Marine*
Owners *Canadian Government*
Managers *Department of Marine*
(Where necessary to be entered in Reg. Book.)
Residence *Ottawa Canada*
Port belonging to *Montreal.*

Dimensions of Ship per Register, Length 400 breadth 52.4 depth 28.8
Moulded depth, ft. 38 ins. 11 1/2 To Bridge Dk. Round of Upper 13 ins.
Moulded depth, ft. 31 ins. 0 To Upper Dk. Dk. Beam, Actual)

| FRAMING. | | | | | | PILLARS. | | | | | |
|--|----------------|----------------|---|-----------------|-----------------|--|----------------|----------------|-----------------|-----------------|-----------------|
| NAME, Angles, or Bars amidships | Inches in Ship | Inches in Ship | Inches in Ship | Inches per Rule | Inches per Rule | PILLARS In 'tween Deck, size and spacing | Inches in Ship | Inches in Ship | Inches per Rule | Inches per Rule | Inches per Rule |
| Do. in peaks | 9 1/2 | 3 1/2 | 26 1/2 | 9 1/2 | 3 1/2 | " " Hold | 6 x 6 x 50 | 6 x 6 x 50 | | | |
| Do. in way of Double Bottoms at Solid Floors | 4 | 3 1/2 | 40 | 4 | 3 1/2 | " " Quarter 'tween Dks., | | | | | |
| " " at intermdt. Bkts. | 9 | 3 1/2 | 218 | 9 | 3 1/2 | " " in Hold | | | | | |
| acing of Frames from centre to centre amidships | 26 | | | 26 | | | | | | | |
| " " from 1/2 length to Collision bulkhead | 26 | | | 26 | | | | | | | |
| " " in peaks | 24 | | | 24 | | | | | | | |
| VERSED FRAME, Angles | 3 | 3 1/2 | 38 | 3 | 3 1/2 | | | | | | |
| Do. in way of Double Bottoms at Solid Floors | 4 | 3 1/2 | 40 | 4 | 3 1/2 | | | | | | |
| " " at intermdt. Bkts. | 8 | 3 | 188 | 8 | 3 | | | | | | |
| AMING, depth of girder | 9 1/2 | 6 | | 9 1/2 | 6 | | | | | | |
| DOORS, depth and thickness of Floor Plate | | | | | | | | | | | |
| " " at mid-line for 1/2 length amidships | | | | | | | | | | | |
| " " in way of Engine and Boiler Spaces | | | | | | | | | | | |
| " " thickness at the ends of vessel | | | | | | | | | | | |
| " " depth at 1/2 the half breadth, as per Rule | | | | | | | | | | | |
| " " height extended at the Bilges | | | | | | | | | | | |
| DOORS in Cell. Double Bottoms | 43 | 42 | 50 | 43 | 40 | | | | | | |
| " " state if flanged (top & bottom) | no | | | no | | | | | | | |
| " " Spacing of Solid floors | 78 | amidships | 26 in 53 rd and 31 st | | | | | | | | |
| NTRE GIRDER, in Dbl. bottom, dpth. & thcknss. | 43 | 50 | 43 | 43 | 43 | | | | | | |
| " " Angles, Top | 6 | 6 | 60 | 6 | 6 | | | | | | |
| " " Bottom | 6 | 6 | 66 | 6 | 6 | | | | | | |
| " " to Floors | 6 | 6 | 46 | 6 | 6 | | | | | | |
| Brackets at intermdt. frmg., wdth & thcknss | 39 | 226 | 38 | 39 | 12 | | | | | | |
| DE GIRDERS, number on each side & thickness | one | 446 | 38 | one | 42 | | | | | | |
| " " state if flanged (top and bottom) | yes | | | yes | | | | | | | |
| " " Angles (top and bottom) | 3 1/2 | 3 1/2 | 40 | 3 1/2 | 3 1/2 | | | | | | |
| " " to Floors | 3 1/2 | 3 1/2 | 40 | 3 1/2 | 3 1/2 | | | | | | |
| RGIN PLATE, depth (exclusive of flange) and thickness | 40 | 48 | 58 | 40 | 48 | | | | | | |
| " " Angle to Outside Plating | 3 1/2 | 3 1/2 | 40 | 3 1/2 | 3 1/2 | | | | | | |
| " " Floors | 3 1/2 | 3 1/2 | 40 | 3 1/2 | 3 1/2 | | | | | | |
| Brackets at intermdt. frmg., wdth & thcknss | 39 | 426 | 38 | 39 | 42 | | | | | | |
| Height of Outside Brackets above at bilge | 41 | | | 41 | | | | | | | |
| ER BOTTOM PLATING, breadth and thickness of Middle Line Strake | 43 | 50 | | 43 | 50 | | | | | | |
| " " in Engine and Boiler space | 50 | 55 | 56 | 50 | 55 | | | | | | |
| " " Remainder in Holds | 38 | 40 | 50 | 38 | 40 | | | | | | |
| MS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel | 9 | 3 1/2 | 239 | 9 | 3 1/2 | | | | | | |
| " " In way of Long Bridge | 9 | 3 1/2 | 239 | 9 | 3 1/2 | | | | | | |
| " " Spacing | 26 | | | 26 | | | | | | | |
| MS, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel | 10 | 3 1/2 | 279 | 10 | 3 1/2 | | | | | | |
| " " Spacing | 26 | | | 26 | | | | | | | |
| MS, Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel | | | | | | | | | | | |
| " " Angles on upper edge | | | | | | | | | | | |
| " " Spacing | | | | | | | | | | | |
| MS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel | 7 1/2 | 3 | 171 | 7 1/2 | 3 | | | | | | |
| " " Angles on upper edge | | | | | | | | | | | |
| " " Spacing | 26 | 24 | | 26 | 24 | | | | | | |
| MS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel | 9 | 3 1/2 | 239 | 9 | 3 1/2 | | | | | | |
| " " Angles on upper edge | | | | | | | | | | | |
| " " Spacing | 26 | | | 26 | | | | | | | |
| BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel | 9 | 3 1/2 | 239 | 9 | 3 1/2 | | | | | | |
| " " Angles on upper edge | | | | | | | | | | | |
| " " Spacing | 26 | 24 | | 26 | 24 | | | | | | |

| WEB FRAMES. | | | | FORGINGS or CASTINGS. | | | |
|---|-----------------|------------------|---------------------|---------------------------------------|-----------------|------------------|---------------------|
| | Inches in Ship. | Inches per Rule. | Inches as Approved. | | Inches in Ship. | Inches per Rule. | Inches as Approved. |
| WEB-FRAMES, In Fore Body. No. and spacing breadth & thickness | two 10-10 | two 10-10 | two 10-10 | KEEL, Bar, depth and thickness | Flat plate keel | | |
| No. of Side Stringers | 30" x 50 | 30" x 50 | 30" x 50 | STEM, moulding and thickness | 10 1/2 x 2 3/4 | 10 1/2 x 2 3/4 | 10 1/2 x 2 3/4 |
| WEB-FRAMES, In E. & B. Space. No. & spacing breadth & thickness | one 30" x 50 | one 30" x 50 | one 30" x 50 | STERN-POST for Rudder do. do. | 9 x 7 1/2 | 9 x 7 1/2 | 9 x 7 1/2 |
| WEB-FRAMES, In After Body. No. and spacing breadth & thickness | one 30" x 50 | one 30" x 50 | one 30" x 50 | " for Propeller | 10 1/2 x 7 1/2 | 10 1/2 x 7 1/2 | 10 1/2 x 7 1/2 |
| No. of Side Stringers | one 6 x 4 x 20 | one 6 x 4 x 20 | one 6 x 4 x 20 | RUDDER—A x D* Table 22. Speed | 12 knots | 12 knots | 12 knots |
| Size of Face Angles to Web-Frames..... | 24 x 40 | 24 x 40 | 24 x 40 | " Main-Piece, diameter at head | 10 3/4" | 10 3/4" | 10 3/4" |
| BRACKET PLATES to Stringers between Web Frames, depth and thickness..... | | | | " " at heel | 7 1/2" | 7 1/2" | 7 1/2" |

| BULKHEADS. | | | | STIFFENERS. | | | | Single or Double Frames. | | Height up state deck. | |
|----------------------|------------|------------|---------------------|-------------------|--------|----------|------------|--------------------------|-----------------------|-----------------------|--|
| Vessel. | Per Rules. | Thickness. | Horizontal Spacing. | Vertical Spacing. | Size. | Spacing. | Thickness. | Height up state deck. | Height up state deck. | Height up state deck. | |
| after Rein | 10 1/2 | 10 1/2 | 10 1/2 | 10 1/2 | 10 1/2 | 10 1/2 | 10 1/2 | 10 1/2 | 10 1/2 | 10 1/2 | |
| W.T.BULKHEADS | 10 1/2 | 10 1/2 | 10 1/2 | 10 1/2 | 10 1/2 | 10 1/2 | 10 1/2 | 10 1/2 | 10 1/2 | 10 1/2 | |
| in after Head | 10 1/2 | 10 1/2 | 10 1/2 | 10 1/2 | 10 1/2 | 10 1/2 | 10 1/2 | 10 1/2 | 10 1/2 | 10 1/2 | |
| Engine Room | 10 1/2 | 10 1/2 | 10 1/2 | 10 1/2 | 10 1/2 | 10 1/2 | 10 1/2 | 10 1/2 | 10 1/2 | 10 1/2 | |
| Water Tank | 10 1/2 | 10 1/2 | 10 1/2 | 10 1/2 | 10 1/2 | 10 1/2 | 10 1/2 | 10 1/2 | 10 1/2 | 10 1/2 | |
| " COLLISION " | 10 1/2 | 10 1/2 | 10 1/2 | 10 1/2 | 10 1/2 | 10 1/2 | 10 1/2 | 10 1/2 | 10 1/2 | 10 1/2 | |
| PARTITION " | 10 1/2 | 10 1/2 | 10 1/2 | 10 1/2 | 10 1/2 | 10 1/2 | 10 1/2 | 10 1/2 | 10 1/2 | 10 1/2 | |
| LONGITUDINAL " | 10 1/2 | 10 1/2 | 10 1/2 | 10 1/2 | 10 1/2 | 10 1/2 | 10 1/2 | 10 1/2 | 10 1/2 | 10 1/2 | |

Are the outside Plates doubled two spaces of Frames in length *Yes*

Are the Sluice Valves and Watertight Doors in efficient working order? *Yes*

| PLATING. | | | | RIVETING. | | | |
|--|------------|----------|------------|--------------------------|------------|----------|------------|
| AS IN SHIP. | | | | PER RULE OR AS APPROVED. | | | |
| AMIDSHIP. | | FORWARD. | | AMIDSHIP. | | FORWARD. | |
| Breadth. | Thickness. | Breadth. | Thickness. | Breadth. | Thickness. | Breadth. | Thickness. |
| FLAT PLATE KEEL..... | 47 | 10 | 70 | 47 | 10 | 70 | 10 |
| GARBOARD OF A STRAKE | 93 | 66 | 54 | 93 | 66 | 54 | 66 |
| State actual thickness in case of Double Bottom. | 93 | 66 | 54 | 93 | 66 | 54 | 66 |
| B | 93 | 66 | 54 | 93 | 66 | 54 | 66 |
| C | 93 | 66 | 54 | 93 | 66 | 54 | 66 |
| D | 93 | 66 | 54 | 93 | 66 | 54 | 66 |
| E | 93 | 66 | 54 | 93 | 66 | 54 | 66 |
| F | 93 | 66 | 54 | 93 | 66 | 54 | 66 |
| G | 93 | 66 | 54 | 93 | 66 | 54 | 66 |
| H | 93 | 66 | 54 | 93 | 66 | 54 | 66 |
| J | 93 | 66 | 54 | 93 | 66 | 54 | 66 |
| K | 93 | 66 | 54 | 93 | 66 | 54 | 66 |
| L | 93 | 66 | 54 | 93 | 66 | 54 | 66 |
| M | 93 | 66 | 54 | 93 | 66 | 54 | 66 |
| N | 93 | 66 | 54 | 93 | 66 | 54 | 66 |
| O | 93 | 66 | 54 | 93 | 66 | 54 | 66 |
| P | 93 | 66 | 54 | 93 | 66 | 54 | 66 |
| Q | 93 | 66 | 54 | 93 | 66 | 54 | 66 |
| R | 93 | 66 | 54 | 93 | 66 | 54 | 66 |
| S | 93 | 66 | 54 | 93 | 66 | 54 | 66 |
| T | 93 | 66 | 54 | 93 | 66 | 54 | 66 |
| U | 93 | 66 | 54</ | | | | |

Form 3548-1, 1-1-1921. Lloyd's Register of Shipping. Equipment, Anchors, Chain Cables, Hawseers and Warps, Boats, Pumps, Windlass, Engine Room Skylights, Coal Bunker Openings, Number of Scuppers, Ceiling in Holds, Cargo Hatchways, State size No. 1 Hatch, Number of Web Plates, Bulwarks, The foregoing is a correct description, Builder's Signature, Correspondence, Workmanship, Is the riveted work properly closed?, Are the liners between the frames and plates solid single pieces?, Are the butts of plating planed or otherwise fitted?, Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., conform well to each other?, Are the rivet holes well and sufficiently countersunk in the plate and punched from the faying surfaces?, Do any rivets break into or through the seams or butts of the plating?, Are the butts of Plating, Stringers, &c., properly shifted and strapped?, Have all the upper and weather decks been tested as required by the Rules (Sec. 26, par. 20)?, Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)?, General Remarks, Committee's Minute, Character assigned, Lloyd's arch, L.M.C. 4, 21, 20, B.L., TUE. NOV. 4 1921, © 2020 Lloyd's

GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 49.5 ft., R.Q.D. — ft., Bridge 113.13 ft., Forecastle 27.23 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 as it should appear in the Register Book). 2 Dn (Hd)

Official No. 150349; Signal Letters T.Q.D.V.

State if Machinery is fitted aft

How are the surfaces preserved from oxidation? Inside pt. paint Outside faint

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

| Where Fitted. | *Length. Feet. | Water Capacity. Tons. | Where Fitted. | *Length. Feet. | Water Capacity. Tons. |
|---|-------------------|--------------------------|--|-------------------|--------------------------|
| Double bottom, aft, | <u>110-6</u> | <u>306</u> | Fore peak tank, | <u>19-6</u> | <u>149-0</u> |
| Double bottom, under Engines and Boilers, | <u>47-8</u> | <u>162</u> | After peak tank, | <u>21-0</u> | <u>131-0</u> |
| Double bottom, if under Engines only, | <u>—</u> | <u>—</u> | Deep tank, aft, | <u>—</u> | <u>—</u> |
| Double bottom, if under Boilers only, | <u>—</u> | <u>—</u> | Deep tank, forward, | <u>—</u> | <u>—</u> |
| Double bottom, forward, | <u>171-2</u> | <u>558</u> | Other tanks, if fitted, | <u>—</u> | <u>—</u> |
| Total capacity of double bottom | | <u>1026</u> | (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

yes

Order for Special Survey No. 13

Date 23 June 1919

No. 2 in builder's yard.

DATES OF SURVEYS held while building

1919 April 28, May 21, June 24, July 18, 31, Aug 4, 14, 29, Sept 10, Oct 3, 21, 25
Nov 14, 27, Dec 12, 1920 Jan 6, 30, Feb 5, 10, 11 Mar 4, 30, April 19, 20, 29
May 13, 20, 25, June 10, 17, 23, 29, July 5, 10 Aug 5, 18, Sept 2, 16, 22, 28, 29 Nov 4, 11, 15, 24, 27
Dec 7, 16, 18, 24, 29 1921 Jan 5, 10, 20, Feb 1, 2, 5, 11, 14, 22, 28 Mar 4, 11, 18
April 8, 18

Total No. of Visits 66

Surveyor's Signature

Joan Edwards

© 2020 Lloyd's Register Foundation