

With or Without

REC'D NEW YORK MAY 12 1921
STEEL STEAMER

Received at London Office MON. 23 MAY. 1921

Disconnected Erections.

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

Date of completion of report May 10. 1921
Survey held at Montreal

Port of Montreal
Date, First Survey June 12. 1920

Last Survey May 4. 1921
No. 1891

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

S.S. "CANADIAN COMMANDER"

Rig Schooner

TONNAGE under

CLASS #100A1.

FEET.

Master A. T. Mackenzie

Year of appointment

(1) As Master in service of
owner of present vessel: 1920
(2) As Master of this
vessel: 1921

Do. between Tonnage Dk. and 3rd and 4th Dk.

Breadth (greatest moulded) 52.2

Total under Upper Dk. 4860.53

Depth at middle of length from top of keel to top of upper deck beams at side 31.2

Do. of Prop

Transverse Number 83

Do. of Bridge House

Length on deck from fore part of stem to after part of stern post 399.5

Do. of Forecastle

Longitudinal Number 33200

Do. of Houses on Dk.

Depth "d," at middle of length (See Secs. 2 & 13) 18.4

Do. of excess of Hatchways

Proportions—Depths to Length—Upper Deck Beam at side to top of keel 12.9

Do. above Crown of Engine Room 5492.83

" Long Bridge Deck Beam at side to top of keel 10.2

Gross Tonnage

Less Crew Space

Less above Crown of Engine Room

TONNAGE FOR FEES

Less Engine Room

Less Navigation Spaces

Register Tonnage 3347.47

Destined Voyage Annonmouth.

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 |
|--|-------|---------|-----------------|-------|---------|--|-------|---------|-----------------------------|-----------------------|
| 399 | 5 | 52 | 2 1/2 | Do. | Do. | Do. | Do. | Do. | 2 | 2 |
| Moulded depth, ft. 31 ins. 9 3/4 To Bridge Dk. Round of Upper Dk. Beam, Actual 13 ins. | | | | | | | | | | |
| Moulded depth, ft. 31 ins. 2 1/2 To Upper Dk. | | | | | | | | | | |
| Dimensions of Ship per Register, Length 400' breadth 52.4' depth 28.5' | | | | | | | | | | |
| FRAMING. | | | | | | PILLARS. | | | | |
| FRAME, Angles, on E or L Bars amidships | | | | | | PILLARS—In 'tween Deck, size and spacing | | | | |
| Do. in peaks | | | | | | Hold channels JF | | | | |
| Do. in way of Double Bottoms at Solid Floors | | | | | | Quarter 'tween Dks., | | | | |
| at intermdt. Dks. | | | | | | in Hold | | | | |
| Spacing of Frames from centre to centre amidships | | | | | | KEELSONS & STRINGERS. | | | | |
| from 1/2 length to Collision bulkhead in peaks | | | | | | CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate | | | | |
| in Peaks | | | | | | Rider Plate | | | | |
| REVERSED FRAME, Angles | | | | | | Flat Plate Keel Angles | | | | |
| Do. in way of Double Bottoms at Solid Floors | | | | | | Horizontal Plates on Floors | | | | |
| at intermdt. Dks. | | | | | | Angles or Bulb Angles | | | | |
| FRAMING, depth of girder | | | | | | SIDE KEELSONS, Number | | | | |
| FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships | | | | | | Angles or Bulb Angles | | | | |
| in way of Engine and Boiler Spaces | | | | | | Plate above floors, for length | | | | |
| thickness at the ends of vessel | | | | | | Intercoastal Plate, for length | | | | |
| depth at 1/2 the half breadth, as per Rule | | | | | | Attached to outside Plating with Angle | | | | |
| height extended at the Bilges | | | | | | BILGE KEELSON, Angles | | | | |
| FLOORS in Cell, Double Bottoms | | | | | | Intercoastal Plate for length | | | | |
| state if flanged (top & bottom) | | | | | | Attached to outside Plating with Angle | | | | |
| Spacing of Solid floors | | | | | | SIDE STRINGERS, Number | | | | |
| CENTRE GIRDER, in Dbl. bottom, dpth. & thickness | | | | | | Angle | | | | |
| Angles, Top | | | | | | Intercoastal Plate, for length | | | | |
| Bottom | | | | | | Attached to outside plating with Angle | | | | |
| to Floors | | | | | | Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge) | | | | |
| Brackets at intermdt. frmg., wdth & thkns | | | | | | br'dth & thickness (in way of Bridge) | | | | |
| SIDE GIRDERS, number on each side & thickness | | | | | | Angle (clear of Bridge) | | | | |
| state if flanged (top and bottom) | | | | | | Tie Plate at sides of Hatchways | | | | |
| Angles (top and bottom) | | | | | | Deck, Iron or Steel, for Full lng. | | | | |
| to Floors | | | | | | Thickness (clear of Bridge) | | | | |
| MARGIN PLATE, depth (exclusive of flange) and thickness | | | | | | (in way of Bridge) | | | | |
| Angle to Outside Plating | | | | | | Wood Deck, Material & thickness | | | | |
| Floors | | | | | | Second Deck Stringer Plate, br'dth & thickness | | | | |
| Brackets at intermdt. frmg., wdth & thkns | | | | | | Angles on ditto, No. | | | | |
| Height of Outside Brackets above at bilge | | | | | | Tie Plates outside Hatchways | | | | |
| INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake | | | | | | Deck, Iron or Steel, for Full lng. | | | | |
| in Engine and Boiler space | | | | | | Wood Deck, Material & thickness | | | | |
| Remainder in Holds | | | | | | Third Deck Stringer Plate, br'dth & thickness | | | | |
| BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel | | | | | | Angles on ditto, No. | | | | |
| In way of Long Bridge | | | | | | Tie Plates, outside Hatchways | | | | |
| Spacing | | | | | | Deck, Material and thickness | | | | |
| BEAMS, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel | | | | | | Fourth and Fifth Deck Stringer Plate, breadth & thickness | | | | |
| Angles on upper edge | | | | | | Angles on ditto, No. | | | | |
| Spacing | | | | | | Tie Plates outside Hatchways | | | | |
| BEAMS, Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel | | | | | | Deck, Material & thickness | | | | |
| Angles on upper edge | | | | | | Poop Deck Stringer Plate, breadth & thickness | | | | |
| Spacing | | | | | | Angle on ditto | | | | |
| BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel | | | | | | Tie Plates | | | | |
| Angles on upper edge | | | | | | Deck, Material and thickness | | | | |
| Spacing | | | | | | Bridge Deck Stringer Plate, br'dth & thickness | | | | |
| BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel | | | | | | Angle on ditto | | | | |
| Angles on upper edge | | | | | | Tie Plates | | | | |
| Spacing | | | | | | Deck, Material and thickness | | | | |
| BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel | | | | | | Forecastle Deck Stringer Plate, br'dth & th'kns | | | | |
| Angles on upper edge | | | | | | Angle on ditto | | | | |
| Spacing | | | | | | Tie Plates | | | | |
| BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel | | | | | | Deck, Material and thickness | | | | |
| Angles on upper edge | | | | | | If Iron or Steel Deck, state if whole or part, and if Wood Deck is laid thereon. | | | | |
| Spacing | | | | | | | | | | |

WEB FRAMES. In Fore Body, No. and spacing. No. of Side Stringers. WEB-FRAMES, In E. & B. Space, No. and spacing. WEB-FRAMES, In After Body, No. and spacing. No. of Side Stringers. BRACKET PLATES to Stringers between Web Frames, depth and thickness. BULKHEADS. W.T. BULKHEADS. COLLISION PARTITION. LONGITUDINAL. Are the outside Plates doubled two spaces of Frames in length? No. Are the Watertight Doors in efficient working order? Yes.

PLATING. STRAKES. AS IN SHIP. PER RULE OR AS APPROVED. EDGES. BUTTS. Rivets. Double or Treble and for what Length. Rivets. Straps. Thick. Breadth. For what Length. IF LAPPED. Rivets. Thick. Breadth. For what Length. THICKNESS OF SHEET PILE. CLEAR OF LONG BRIDGE DO. OF STRAKE BELOW DBLG. OF Flat Plate Keel. Sheerstrakes. POOP SIDES. BRIDGE SIDES. FORECASTLE SIDES.

Upper Deck. Stringer Plate. Second Deck. Stringer Plate. FRAMES extend in one length from. REVERSED FRAMES on floors and frames extend from. MASTS, SPARS, &c. LOWER MASTS. Bowsprit. Topmasts, Yards and Remains of Spars. Rigging, Material and Size, Shrouds. Sails.

FORGINGS OR CASTINGS. KEEL, Bar, depth and thickness. STEM, moulding and thickness. STERN-POST for Rudder do. do. for Propeller. RUDDER-A&D Table 22. Speed. Main-Piece, diameter at head. at heel. RUDDER, how constructed. Thickness of Plates or Single Plate. Manufacturer's name or trade mark of the Iron or Steel (state process of manufacture of Steel) used for Frames, Floors, Beams, Keelsons, Tie and Stringer Plates, Plating, &c. Riveting. Rivets. Double or Treble and for what Length. Rivets. Straps. Thick. Breadth. For what Length. IF LAPPED. Rivets. Thick. Breadth. For what Length.

EQUIPMENT No. LETTER. ANCHORS. TONNAGE U. D.K. OR PLATING No. FOR TRAWLERS. Number of Certificate. Anchors. Weight, Ex. Stock. Weight of Stock. Test per Certificate. Description of Anchor. Makers. Where and when tested and Superintendent.

Particulars of Drop Test of Cast Steel Anchors, viz.: Weight, Surveyor's Initials, Number of Certificate, Date of Test. CHAIN CABLES. HAWERS AND WARPS. Number of Certificate. Length and size supplied. Test per Certificate. Weight of Chain Cable. Length and size per Table 31. Description. Makers of Cables. Where and when tested, and Superintendent. Material. Length and size supplied. Breaking Test of Steel Wire. Length and size per Table 31.

Boats. Steering Gear, Steam. Steering Gear, Hand. Pumps, Number. Windlass. Engine Room Skylights. Coal Bunker Openings. Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. Ceiling in Holds, thickness and material. Cargo Hatchways. State size No. 1 Hatch (Forward). No. 2 Hatch. No. 3 Hatch. No. 4 Hatch. Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch. No. of Breasthooks. No. of Crutches. Bulwarks, height above deck and description. The foregoing is a correct description. Builder's Signature. Surveyor's Signature.

Correspondence. Workmanship. Is the riveted work properly closed? Are the liners between the frames and plates solid single pieces? to plate, &c., conform well to each other? from the facing surfaces? Are the butts of plating planed or otherwise fitted? Do the holes for riveting plate to frames, butt straps, or plate are the rivet holes well and sufficiently countersunk in the plate and punched from the facing surfaces? Do any rivets break into or through the seams or butts of the plating? 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 (State quality of workmanship, &c.).

This vessel has been constructed in accordance with the Surveyor's letters, the approved plans and the rules for the class contemplated. The workmanship and materials are good. The W.T. bulkheads in the Green Deck are platted vertically. One edge of each plate is flanged 5 inches and intermediate angle frames 5" x 3 1/2" x 3/16" are fitted making a spacing of 30 inches. Girders and strong beams are fitted in the E & B space as shown on the approved plans.

Canadian Pioneer Bull. Reg. No. 1681. Canadian Pioneer Bull. Reg. No. 1682. Canadian Pioneer Bull. Reg. No. 1683. Canadian Pioneer Bull. Reg. No. 1684. Canadian Pioneer Bull. Reg. No. 1685. Canadian Pioneer Bull. Reg. No. 1686. Canadian Pioneer Bull. Reg. No. 1687. Canadian Pioneer Bull. Reg. No. 1688. Canadian Pioneer Bull. Reg. No. 1689. Canadian Pioneer Bull. Reg. No. 1690.

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. Fees applied for. The amount of Entry Fee. Special Survey Fee. Travelling Expenses, if any. State whether the Vessel has been built under Special Survey. I am of opinion this Vessel should be Classed. With, or without Freeboard, as condition of Class. Committee's Minute. Character assigned.

Wrote by. A.C.P. + L.M.C. 21. R.D., C.D. Lloyd's Register. W 387 F003076 (212).

Date of writing

No. in
Reg. Book.Master *A. J.*Engines *ma*Boilers *ma*

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PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop *49.6* ft., R.Q.D. ft., Bridge *20.3* ft., Forecastle *41.2* 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 Decks Steel*

Official No. *141832*; Signal Letters *T. Q. D. W.*

State if Machinery is fitted aft *No.*

How are the surfaces preserved from oxidation? Inside *Paint. No cement in D.B. except filler at plate* Outside *Paint.*

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, | <i>114.8</i> | <i>309</i> | Fore peak tank, | <i>19</i> | <i>149</i> |
| Double bottom, under Engines and Boilers, | <i>39.0</i> | <i>156</i> | After peak tank, | <i>23</i> | <i>133</i> |
| Double bottom, if under Engines only, | <i>✓</i> | | Deep tank, aft, | <i>✓</i> | |
| Double bottom, if under Boilers only, | <i>✓</i> | | Deep tank, forward, | <i>✓</i> | |
| Double bottom, forward, | <i>178.8</i> | <i>560</i> | Other tanks, if fitted, | <i>✓</i> | |
| Total capacity of double bottom | <i>226</i> | <i>1025</i> | (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. *70*

Date *3/10/19*

No. *79* in builder's yard.

DATES OF SURVEYS
held while building

1919. Jan. 12. 21. 22. 25. 29. 30 July. 2. 7. 14. 15. 20. 25. 26. 30. Aug. 3. 6. 11. 16. 21. 26. 31. Sept. 2. 6. 10. 13. 23. 30. Oct. 4. 7. 11. 12. 13. 14. 15. 19. 20. 22. 24. 25. 28. 29. 30. Nov. 8. 11. 17. 18. 22. 25. 29. Dec. 3. 13. 22. 1921. Feb. 23. Apr. 5. 7. 11. 13. 16. 19. 24. May. 4.

Total No. of Visits *60*

Surveyor's Signature

H. J. Alderson

Lloyd's Register
Foundation