

REC'D NEW YORK MAY 23 1921

With ~~or Without~~  
Disconnected Erections.

## STEEL STEAMER.

Received at London Office FRI. 10 JUN. 1921

Date of completion of report *May 20 - 1921* Port of *Montreal*  
Survey held at *Montreal* Date, First Survey *June 29 - 1920* Last Survey *May 16 1921*  
No. *1896*

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

*S.S. "CANADIAN LEADER"*Rig *Schooner*

TONNAGE under

CLASS *100A1*

FEET.

Master *J. Robertson*

Year of appointment

(1) As Master in service of  
owner of present vessel: 19 19  
(2) As Master of this  
vessel: 19 21Do. between Tonnage Dk.  
and 3rd and 4th Dk.

Breadth (greatest moulded) 52.16

Total under Upper Dk.

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

Do. of Poop

Transverse Number 83

Do. of R.Q. Dk.

Do. of Bridge House

Do. of Forecastle

Do. of Houses on Dk.

Do. of excess of Hatchways

Do. above Crown of

Engine Room

Gross Tonnage 5492.12

Less Crew Space

Less above Crown of

Engine Room

TONNAGE FOR FEES 5492.12

Less Engine Room

Less Navigation Spaces

Register Tonnage 3342.49

Destined Voyage

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

LENGTH on Deck	Feet.	Inches.	BREADTH—	Feet.	Inches.	DEPTH, ACTUAL—	Feet.	Inches.	No. of Decks with flat laid
as per Rule	140	4	Moulded	52	2	Top of Floors to top of Upper Dk. Beams	31	10	2
						Do. do. do. do. Second Dk. Beams	31	2 1/2	2

Dimensions of Ship per Register, Length 140.3' breadth 52.4' depth 28.5' Moulded depth, ft. 31 ins. 10 To Bridge Dk. Round of Upper Dk. Beam, Actual 13 ins.  
Moulded depth, ft. 31 ins. 2 1/2 To Upper Dk.

FRAMING.				PILLARS.			
NAME, Angle, or Erection	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
AME, Angles, or Erection Bars amidships	9.5	3.5	28.2	" " Hold channels IC	6x6x.50	52	6x6x.50
Do. in peaks	6	3.5	.38	" " Quarter 'tween Dks.,	10x3.5x22 1/2		10x3.5x22 1/2
Do. in way of Double Bottoms at Solid Floors	4	3.5	.40	" " in Hold			
" " at intermdt. Dks.	9	3.5	21.8				
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, in Peaks	8.5	3.5	.38				
Do. in way of Double Bottoms at Solid Floors	4	3.5	.40				
" " at intermdt. Dks.	8	3	18.8				
AMING, depth of girder	9.5		9.5				
DOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships	43	.42	43				
" in way of Engine and Boiler Spaces	43	.50	43				
" thickness at the ends of vessel		.38	.38				
" depth at 1/2 the half breadth, as per Rule	40.5		40.5				
" height extended at the Bilges	41		41				
DOORS in Cell. Double Bottoms							
" state if flanged (top & bottom)	no		no				
" Spacing of Solid floors	every 3" frame		every 3" frame				
NTRE GIRDER, in Dbl. bottom, dpth. & thcknss.	43	.50	43				
" " Angles, Top	6x6	.60	6x6				
" " Bottom	6x6	.66	6x6				
" " to Floors	6x6	.46	6x6				
" Brackets at intermdt. frmg., wdth & thcknss	39	.42	.38				
DE GIRDERS, number on each side & thickness	1	.42	.38				
" state if flanged (top and bottom)	3.5	3.5	.40				
" " Angles (top and bottom)	3.5	3.5	.40				
" " to Floors	3.5	3.5	.40				
RGIN PLATE, depth (exclusive of flange) and thickness	41	.48	.58				
" Angle to Outside Plating	3.5	3.5	.50				
" " Floors	3.5x3.5	.50	3.5x3.5				
" Brackets at intermdt. frmg., wdth & thcknss	5.0	.42	.38				
Height of Outside Brackets above at bilge	41		41				
IER BOTTOM PLATING, breadth and thickness of Middle Line Strake	43	.50	43				
" in Engine and Boiler space	1.0	.56	1.0				
" Remainder in Holds		.42	.38				
AMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	9	3.5	28.9				
" In way of Long Bridge	9	3.5	23.9				
" Spacing	26		26				
AMS, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	10	3.5	27.9				
" Spacing	26		26				
AMS, Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel							
" Angles on upper edge							
" Spacing							
AMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	7.5	3	17.1				
" Angles on upper edge							
" Spacing	26x24		26x24				
AMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	9	3.5	23.9				
" Angles on upper edge							
" Spacing	26		26				
AMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	9	3.5	21.8				
" Angles on upper edge							
" Spacing	26x24		26x24				
				KEELSONS & STRINGERS.			
				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 length			
				" Intercoastal Plate, for length			
				" Attached to outside Plating with Angle			
				BILGE KEELSON, Angles			
				" Intercoastal Plate for length			
				" Attached to outside Plating with Angle			
				SIDE STRINGERS, Number			
				" Angle			
				" Intercoastal Plate, for length			
				" Attached to outside plating with Angle			
				Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)	59x.90	.48	59x.90
				" " " br'dth & thickness (in way of Bridge)	59	.48	59
				" " Angle (clear of Bridge)	6x6x.52	.48	6x6x.52
				" Tie Plate at sides of Hatchways	.58	.50	.58
				Deck * Iron or Steel, for Full lng.	.42	.34	.42
				" Thickness (clear of Bridge)	.42	.34	.42
				" " (in way of Bridge)	.44	.36	.44
				Wood Deck, Material & thickness			
				Second Deck Stringer Plate, br'dth & thickness	49	.48	49
				" Angles on ditto, No.	3.5x3.5	.44	3.5x3.5
				" Tie Plates outside Hatchways			
				Deck * Iron or Steel, for Full lng.	.36	.32	.36
				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	35	.30	35
				" Angle on ditto	3.5x3.5	.34	3.5x3.5
				" Tie Plates		.25	
				" Deck, Material and thickness	5x2 1/2		5x2 1/2
				Bridge Deck Stringer Plate, br'dth & thickness	55	.54	55
				" Angle on ditto	6x6x.50		6x6x.
				" Tie Plates		.44	
				" Deck, Material and thickness		.40	
				Forecastle Deck Stringer Plate, b'dth & th'kns	35	.30	35
				" Angle on ditto	3.5x3.5	.34	3.5x3.5
				" Tie Plates		.25	
				" Deck, Material and thickness		.25	



FRI. 1 JUN.

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		WEIGHT REQUIRED BY TABLE 31.		Description of Anchor.		Makers.		Where and when tested and Superintendent.	
70 69 64	1st Bower ... 2nd " ... 3rd " ... 4th "	Owts. qrs. lbs.	16 21 5	- - -	- - -	Tons. owts. qrs. lbs.	48 15 2	3 0 2	Cwts. qrs. lbs.	60 0 0	Bolted Swivelless	Hoskinson & Co. Montreal 13-9-20 H. J. Alderson	" " "	" " "	" " "	9-8-20 3-8-20 "	
84214 84245	Stream ..... Kedge.....	16 7	2 0	21 0	4 0	18 9	0 5	2 0	14 7	16 0	Ordinary	J. Knight & Son N.B. Mon. 19-10-20 R. Green	" "	" "	" "	20-10-20 "	
Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.																	
1st Bower 43.2.1—W.J.A.—70—12.9.20 2nd " 42.1.3.—W.J.A.—69—9.8.20. 3rd " 40.0.10—W.J.A.—67—3.8.20. 4th "																	
CHAIN CABLES.																	
HAWSERS AND WARPS.																	
Boats 2 Lightboats 28'0"x8'6"x3'6" 2 ketches 18'0"x5'6"x2'6" Steering Gear, Steam Wilson Pump type Steering Gear, Hand combined. Pumps, Number 1 Donkton 1 hand pump 6 7/8 HP. Diameter of Barrel 5"-4" State whether they are in efficient working order Yes Windlass is Black Chapman type Capstan Hawsepump and aft. Engine Room Skylights.—How constructed? Steel plate & angles What arrangements for deadlights in bad weather Angled plates & bulkheads. Coal Bunker Openings.—How constructed? Steel plate & angles How are lids secured Latchbolts bolted down Height above deck? 18" Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. 8 Ports each side Scupperports each side Ceiling in Holds, thickness and material 2 1/2 inches or filys only. Cargo Battens, thickness and material 6"x2" spruce. Cargo Hatchways.—How formed? Steel plate & angles. Hatches, If strong and efficient? Yes. State size No. 1 Hatch (Forward) 30'4"x21'0" No. 2 Hatch 32'6"x21'0" No. 3 Hatch No. 4 Hatch 28'9"x21'0" Number of Web Plates, Shifting Beams and Afters to each Hatch No. 1. 5. No. 2. 6. No. 3. 5. No. 4. 5. No. 5. 5. No. 6. 5. No. 7. 5. No. 8. 5. No. 9. 5. No. 10. 5. No. of Breasthooks 4 No. of Crutches Bulwarks, height above deck and description 3'8" Plate metal cast & bracket Main Rail, material and size Steel B.P.A. 7 1/2"x3"x17 1/2" The foregoing is a correct description. Surveyor's Signature H. J. Alderson Builder's Signature (here only) General Manager Surveyor to Lloyd's Register of Shipping.																	
Correspondence.—State dates and initials of letters respecting this case (Reference should be made in any correspondence connected with the case) 24-5-18, 16-6-18, 25-8-18, 18-12-18, 3-4-19, 2-2-20. Workmanship. Are the butts of plating planed or otherwise fitted? Planed. Is the riveted work properly closed? Yes Are the liners between the frames and plates solid single pieces? Yes Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., conform well to each other? Yes Are the rivets break into or through the seams or butts of the plating? Very far. Have all the upper and weather decks been tested as required by the Rules (Sec. 26, par. 20)? Yes State results of tests Good Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? Yes State results of tests Good. General Remarks (State quality of workmanship, &c.) This vessel has been constructed in accordance with the Society's Rules, its approved plans and the rules for the class contemplated. The workmanship and materials are good. The W.T. bulkheads in the main decks are planed vertically. One edge of each plate is flanged 5" and inter multiple angle frames 5"x3 1/2"x.36 are fitted making a spacing of 30 inches. Enders and strong beams are fitted in the E.R. as shown on the approved plans.																	
Canadian Pioneer Std. Rpt. No. 1681 Canadian Planter Std. Rpt. No. 1779 " Ranger " " 1692 " Pilot " " 1838 " Signeur " " 1718 " Congress " " 1856 " Miller " " 1725 " Commander " " 1891 " Spinner " " 1766																	
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, May 12 1921 Received by me, 24/6/1921 R. J. Alderson Certificate to be sent to Montreal Date of issue 17.6.21. Surveyor to Lloyd's Register of Shipping.																	
Committee's Minute Character assigned FRI. 17 JUN. 1921 Good as per P. unfitted mol.																	

asc. P.

unfitted mol.

+ L. M. b. 5.21  
F. D. C. L.

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Lloyd's Register



GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 49.6 ft., R.Q.D. — ft., Bridge 120.3 ft., Forecastle 41.1 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 Guba Steel.  
 Official No. 141833; Signal Letters T.Q.F.B. State if Machinery is fitted aft No.  
 How are the surfaces preserved from oxidation? Inside Paint. No cement in D.B. except fillets at the plate edges 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.		Water Capacity.	Where Fitted.	Length.		Water Capacity.
	Feet.	Tons.			Feet.	Tons.	
Double bottom, aft,	<u>114.8</u>	<u>309</u>		Fore peak tank,	<u>19.</u>	<u>14.</u>	
Double bottom, under Engines and Boilers,	<u>39.0</u>	<u>156</u>		After peak tank,	<u>23.</u>	<u>13.</u>	
Double bottom, if under Engines only,	—	—		Deep tank, aft,	—	—	
Double bottom, if under Boilers only,	—	—		Deep tank, forward,	—	—	
Double bottom, forward,	<u>178.8</u>	<u>560</u>		Other tanks, if fitted,	—	—	
	Total capacity of double bottom	<u>1025</u>		(If necessary, furnish further information by sketch.)			

\* The wells are not to be included in the lengths of the tanks. 32.6

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

Order for Special Survey No. 71  
 Date 3-10-19  
 No. 80 in builder's yard.  
 DATES OF SURVEYS held while building  
1920 June 29. 30 July 2. 7. 26. 3. Aug. 6. 21. 26. 30. Sept. 2. 6. 10. 13. 23. 30. Oct. 4. 7. 11. 12. 14. 19. 22. 25. Nov. 1. 5. 8. 15. 16. 17. 18. 19. 22. 23. 25. 27. 29. 30. Dec. 3. 16. 13. 1921. Jan. 24. 31. Feb. 4. 15. 23. Mar. 8. 21. 28. 31. Apr. 1. 16. 22. 28. 29. May 1. 2. 3. 16.

Surveyor's Signature

M. J. Alderson

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