

Rpt. 1. **DISCLOSED**
SECTION
No.

STEEL STEAMER or MOTORSHIP.

Received at London Office 18 AUG 1930

State if Report has been sent on the Freeboard of the Vessel *No*

DISCLOSED
SECTION

State if Report is sent on the Machinery of the Vessel *No*

Date of completion of report *30th July 1930*

Port of *Montreal, P.Q.*

No. *3273*

Survey held at *Montreal, P.Q.*

Date First Survey *28th Jan. 1930*

Last Survey *27th July 1930*

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) *Tow Barge "Redchief."*

State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings)

State Type of Erections

TONNAGE under 1645.17
Tonnage Deck...

CLASS *A.I. "Formie"* State if with freeboard *No*
as condition of Class

Built at *Montreal, P.Q.*

Do. of space or spaces between Tonnage Dk. and Upper Dk.

Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) *L 256'0"*

Launched *18th July* Yard No. *116*

Total

Breadth (greatest moulded) *B 43'6"*

Builders *Canadian Vickers Ltd.*

Gross Tonnage *1723.03*

Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) *D 15'0"*

Owners *Red Barge Line Ltd.*

Register Tonnage *1526.43*

1st Longitudinal Number (L x D) = *3720*

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

2nd Numeral L x (B + D) = *14508*

Residence *Montreal, P.Q.*

REGISTERED DIMENSIONS. FEET.

Framing Depth "d" at middle of length. See Sec. 3 (1d) *12.7*

Port of Registry *Soul, P.Q. see CR.*

Length *248'0" C. 4' 4" thick*

Proportions—Depth to Length—Uppermost continuous deck to top of keel *14'0"*

If surveyed while building, afloat, or in dry dock

Breadth *43'6" moulded*

Draught Moulded *14'0"*

Depth *15'0"*

FRAMES, DOUBLE BOTTOM AND BEAMS.

	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.		INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.	
FRAMES, Spacing amidships	24"		Bracket Floors, Frame			
" " from $\frac{3}{4}$ length to Collision bulkhead.....}	24"		" " Reversed Frame			
" " in peaks.....}	For peak and frames 24"		" " Vertical Struts			
SIDE FRAMING.			Centre Girder, depth and thickness amidships.....			
Frame Amidships, Angle, [or [.....	Angle 5" x 3" x $\frac{7}{8}$ "		" " top Angles			
" " Extends up to.....	Deck		" " bottom Angles			
Reversed Frame Amidships, Angle			Side Girders, No. each side and thickness	side ballast tanks		
" " Extends up to...			Margin Plate depth (excl. of flange) and thickness			
Depth of Framing Girder.....	5"		" " Vertical Angle to Tank side Bracket abaft $\frac{1}{4}$ len. from stem			
Frames in Uppermost Continuous 'tween Decks, Angle, [or [.....}			" " Vertical Angle to Tank side Bracket forward $\frac{1}{4}$ len. from stem			
" " Second 'tween Decks, Angle, [or [.....			" " Gussets, spacing and scantling abaft $\frac{1}{4}$ len. from stem.....}			
" " Third " " " " " "			" " Gussets, spacing and scantling forward $\frac{1}{4}$ len. from stem.....}			
Framing in Peaks, Angle or [.....	Angle 5" x 3" x $\frac{7}{8}$ "		Tank Side Brackets, height above base line at toe of Frame and thickness }			
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	$\frac{3}{4}$ " 5 $\frac{1}{4}$ " C.W.		INNER BOTTOM PLATING.			
State if Frame Joggled			Breadth and thickness of Middle Line Strake ...	24" x $\frac{3}{8}$ "		
PANTING ARRANGEMENTS (Sec. 7), state system and particulars }	21" x $\frac{1}{16}$ " Plate } Stringers 5" x 3" x $\frac{7}{8}$ " L		Thickness of remainder in Holds			
STRENGTHENING OF BOTTOM FORWARD. State Particulars	Cont frames		Are Rule requirements complied with regarding increases of scantlings in way of double bottom in E. & B. space and framing in Bunkers and Boiler Room?.....	$\frac{1}{4}$ " thick in No. 4 Hold No. 1, 2, 3, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100 cutting 2 $\frac{1}{2}$ " thick. 5" x 3" x $\frac{7}{8}$ " L 46" [at hatch ends.		
SINGLE BOTTOM.			BEAMS.			
Floors, Depth and thickness at mid-line in Holds	15" x 33.9 lbs. channels		Uppermost Continuous Deck, amidships in Wells, Angle, [or [.....			
Height of Brackets at side above base line at toe of frame			" " in way of Bridge, Angle, [or [.....			
Middle Line Keelson, on Floors, Angles, [or [.....			Spacing	24"		
" " Through Plate or Intercoastal Plate.....			Second Deck, amidships, Angle, [or [.....			
" " Foundation Plate on Floors	2 1/2" plate 24" x $\frac{7}{8}$ " in centre		Spacing.....			
" " Flat Plate Keel Angles	5" x 3" x $\frac{7}{8}$ " 1/2" in centre		Third Deck, amidships, Angle, [or [.....			
Side Keelsons, No. each side	side ballast tanks		Spacing.....			
" " thickness of Intercoastal Plate...			Fourth Deck, amidships, Angle, [or [.....			
" " Angles			Spacing.....			
DOUBLE BOTTOM.			Poop Deck, Angle, [or [.....			
Solid Floors, thickness and spacing			Spacing.....			
" " Are Frame and Reversed Frame joggled?.....}			Bridge Deck, Angle, [or [.....			
Bracket Floors, breadth and thickness at middle line.....}			Spacing			
" " breadth and thickness at margin plate.....}			Forecastle Deck, Angle, [or [.....			
			Spacing			

PILLARS AND DECKS.

PILLARS, No. of Rows.....	INCHES IN SHIP.		Any Departure from Approved Plans to be Noted.		INCHES IN SHIP.		Any Departure from Approved Plans to be Noted.
1. <i>Star Off and Peak.</i>							
in 'tween Decks, Size and Spacing.....	<i>2 1/4 dia.</i>	<i>Off and</i>			Stringer Plate, breadth and thickness in way of Bridge		
" " " " " "					Thickness of Plating abreast Deck openings in way of Wells		
in Holds " " " "					Thickness of Plating abreast Deck openings in way of Bridge		
" " " " " "					Thickness of Plating within line of openings...		
Centre Line Bulkhead.					If Sheathed, material and thickness		
Stiffeners and Spacing.....					Third Deck.		
Plating, thickness of					Stringer Plate, breadth and thickness.....		
STRINGERS AND DECKS.					If Plated, state thickness.....		
Uppermost Continuous Deck.					Fourth Deck.		
Stringer Plate, breadth and thickness in Wells	<i>54" x .44</i>				Stringer Plate, breadth and thickness.....		
" " " " in way of Bridge					If Plated, state thickness		
" Angle in Wells					Poop Deck.		
Thickness of Plating abreast Deck openings in way of Wells	<i>.44</i>				Stringer Plate, breadth and thickness		
Thickness of Plating abreast Deck openings in way of Bridge					Plating, Sheathing, material and thickness ...		
Thickness of Plating within line of openings...	<i>5/16"</i>				Bridge Deck.		
If Sheathed, material and thickness					Stringer Plate, breadth and thickness.....		
Second Deck.					Plating, Sheathing, material and thickness ...		
Stringer Plate, breadth and thickness in Wells...					Forecastle Deck.		
					Stringer Plate, breadth and thickness.....		
					Plating, Sheathing, material and thickness ...		

SHELL PLATING.

SCANTLINGS.					RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		SINGLE OR DOUBLE.	RIVETS.		No. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.			Diam.	Spacing cr. to cr.		Diam.	Spacing cr. to cr.	
	Inches.	Inches.	Inches.	Inches.			Inches.	Inches.		Inches.	Inches.	
FLAT PLATE KEEL	<i>42"</i>	<i>.38</i>	<i>.38</i>	<i>.38</i>		<i>Double</i>	<i>3/4</i>	<i>3</i>	<i>Three</i>	<i>3/4</i>	<i>2 5/8</i>	<i>Lapped</i>
" DBLG. (if any)	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>		<i>✓</i>	<i>-</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>
BOTTOM PLATING, No. of Strakes		<i>.36</i>	<i>.36</i>	<i>.34</i>		<i>Single</i>	<i>3/4</i>	<i>3</i>	<i>Two</i>	<i>3/4</i>	<i>2 5/8</i>	<i>Lapped</i>
BILGE PLATING, No. of Strakes		<i>.50</i>	<i>.50</i>	<i>.36</i>		<i>Double</i>	<i>3/4</i>	<i>3</i>	<i>Two</i>	<i>3/4</i>	<i>2 5/8</i>	<i>Lapped</i>
SIDE PLATING, No. of Strakes		<i>.36</i>	<i>.34</i>	<i>.34</i>		<i>Double</i>	<i>3/4</i>	<i>3</i>	<i>Two</i>	<i>3/4</i>	<i>2 5/8</i>	<i>Lapped</i>
UPPER DECK, Sheer-strake in Wells.....						<i>Single</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>
UPPER DECK, Sheer-strake in Bridge ...												
STRAKE BELOW Sheer-strake in Wells.....												
STRAKE BELOW Sheer-strake in Bridge ...												
POOP SIDE PLATING												
BRIDGE SIDE PLATING ...												
FORECASTLE SIDE PLATING												

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—

Extending to Upper Deck (Sec. 3 c) *5. H. J. Bulkheads*" Deck next below *✓*As per Rule *4 Bulkheads*

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKHEAD, Upper tween decks					
" " Second "					
" " Third "					
" " Holds		<i>25 x 32</i>	<i>12 x 20</i>	<i>3 1/4</i>	
COLLISION " (in Hold)					
AFTER PEAK " "		<i>25 x 32</i>	<i>12 x 20</i>	<i>3 1/4</i>	

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar				
STEM				<i>Casting and shaped plate</i>
STERN FRAME { Propeller Post				
{ Rudder "				
RUDDER—A x D				<i>Balanced Rudder</i>
Speed of Vessel				<i>Forward 6 knots</i>
RUDDER mainpiece at head ...				<i>Forging 8" dia - 4" dia. at Tiller</i>
" " heel ...				<i>18" x 58 lbs. L.</i>
" how constructed				<i>Side plates, angles and wood filling</i>
" double or single plate				<i>Double 5/16 plates</i>
" coupling, vertical or horizontal				<i>String</i>

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)

*United States Steel, Illinois, & Bethlehem, Lackawanna.*Has the Steel been tested as required by the Rules? *Yes.*

EQUIPMENT No. ✓												LETTER	✓.	ANCHORS.	
Number of Certificate.	Anchors.	WEIGHT, EX. STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.				WEIGHT REQUIRED BY TABLE 53.	Description of Anchor.	Makers.	Where and when tested and Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.			
91660	1st Bower ...	30	3	7	✓	✓	✓	29	5	2	14	29	Stockless	Hugley & Lamb. Ltd., Newry	25 th Mar 1930
	2nd „ ...														L. D. Green
	3rd „ ...														H. A. Dwyer
	Collective weight.														
63509	Stream	7	3	5	2	0	4	9	18	0	14	7½	Iron Stock	Samuel Taylor & Sons (Dunlop, Hill) Ltd.	25 th Mar 1930

CHAIN CABLES.												HAWSERS AND WARPS.							
Number of Certificate.	Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.				Length and Size per Table 53.		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 53.	
	Length.	Diam.	Statu- tory.	Break- ing.	Supplied.	Per Rule.	Length.	Diam.	Length.	Cir.					Length.	Cir.			
	Fathoms.	Ins.	Tons.	Tons.	Cwts.	qrs.	lbs.	Cwts.	Fathoms.	Ins.					Fathoms.	Ins.	Tons.	Fathoms.	Ins.
65811	905	1 5/8	47 1/2	66 1/2	121.0	22			1 5/8		Stockless	Samuel Taylor & Sons Ltd	6 th Apr 1930	TOWLINE...					
													H. A. Dwydale	HAWSERS & WARPS					
														"					
														"					
Iron Stream Chain or Steel Wire	75	3 1/2	Wire.											"					

Steering Gear, Steam 6" x 6" Brunswick Type Steering Gear, Hand ✓
Boats 1 Boat 16'0" (Vickers) Steering Chains, Size and Test 3/4" dia Windlass & Towing Machine (Vickers)
Ceiling in Holds, thickness and material 2 1/2" Spruce Cargo Battens, thickness, material and spacing ✓
Cargo Hatchways.—(Upper Deck) Thickness of Hatches 2 1/4" Pine
Size of No. 1 Hatchway (Forward) 36'0" x 26'0" No. 2 36'0" x 26'0" No. 3 36'0" x 26'0" No. 4 36'0" x 26'0" No. 5 ✓ No. 6 ✓
Number of Shifting Beams and/or Fore and Afters 4 Beams to each hatch (Cross beams)
FOR CANADIAN VICKERS LIMITED
Builder's Signature *[Signature]* General Manager.

GENERAL DECLARATION. It should be stated (a) whether the vessel is fitted for the carriage and burning of oil used as fuel *no* (b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo *no*. The positions in which oil is carried as fuel or cargo should be indicated, together with the flash point.

This vessel has been built in accordance with the approved plans rules and letters. The side ballast tanks and peak tanks have been tested and found sound and tight. The decks and bulkheads have been hose tested and found satisfactory. The workmanship throughout is in my opinion good.

The amount of Entry Fee £ 25.00 Fees applied for, 30 July 1930. *AMT*
Special Survey Fee.... £ 8.04 Received by me, 26.9.30 *EBB*
Travelling Expenses, if any £ 20.00
State whether the Vessel has been built under Special Survey *Yes* Signature *Geo. Allan*
Certificate to be sent to *New York* Date of issue *26/8/30* Surveyor to Lloyd's Register of Shipping.

Committee's Minute TUE. 26 AUG 1930
Character assigned + A - Barge
For service between Prescott & Montreal
Cargo battens not fitted + DB. 7.30 125 lb.
[Signature]

GENERAL REMARKS—(The Surveyor should state the Number of Report and Name of any Sister Vessel. Plans showing Vessel as built should be forwarded and a List of the Plans should be embodied.)

This vessel is a duplicate of the Four Barges "Redhead", "Redstar", "Redwing" & "Redcloud" Repts. # 3226 # 3227 # 3235 # 3264
Approved copy of Midship section and Profile plans enclosed.

Particulars of Drop Test of Cast Steel Anchors, viz.:—
Weight, Surveyor's Initials, Number of Certificate, Date of Test.

1st Bower
2nd
3rd

30 cwt. 3 qrs. 7 lbs. L.D. Green Cert. #91660. 26th April 1929.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. ☒ ft., Bridge ☒ ft., Forecastle ☒ ft.
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated ☒

No. and Material of Decks (this information is to be given as it should appear in the Register Book)

Official No. 155295; Signal Letters

Is bottom of Vessel coated with cement ☒ no. if not give

PARTICULARS OF WATER BALLAST.—

Where Fitted.	Length.		Water Capacity.	Where Fitted.	Length.		Water Capacity.
	Feet.	Tons.			Feet.	Tons.	
Double bottom, aft,				Fore peak tank,	21'	210	
Double bottom, under Engines and Boilers,				After peak tank,	20'	160	
Double bottom, if under Engines only,				Deep tank, aft, side ballast tank no. 1. Port	102'	94	
Double bottom, if under Boilers only,				Deep tank, forward, " " " 1. Star.	102'	94	
Double bottom, forward,				Other tanks, if fitted, " " " 2. Port	104'	103	
				Other tanks, if fitted, " " " 2. Star.	104'	103	
Total capacity of double bottom				(If necessary, furnish further information by sketch)			
				Total. 764.			

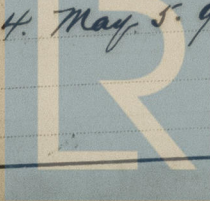
* The wells are not to be included in the lengths of the tanks.

Order for Special Survey No. 96

Date 6th Nov. 1929

Dates of Surveys held while building

Jan. 28. 31. Feb. 3. 7. 10. 17. 21. 24. 28. Mar. 3. 7. 10. 14. 18. 20. 25. 28. 31. April. 1. 5. 9. 10. 16. 17. 22. 24. May. 5. 9. June 5. 10. 16. 18. 24. 26. 28. July 7. 18. 21. 27.



Lloyd's Register
Foundation
Total No. of Visits 39