

## STEEL STEAMER or MOTORSHIP.

Received at London 18 JAN 5

State if Report has been sent on the Freeboard of the Vessel *no.*State if Report is sent on the Machinery of the Vessel *yes.*

Date of completion of report *17<sup>th</sup> December 1954* Port of *Montreal* No. *4024*  
 Survey held at *Lauson P.Q.* Date First Survey *10<sup>th</sup> August* Last Survey *17<sup>th</sup> November 1934*  
 On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) *"Dartmouth" Steam Screw Ferry (Screw each end)*

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

State Type of Erections

TONNAGE under Tonnage Deck... *375.0* CLASS *+100 A.1. For* State if with freeboard as condition of Class *no.*Built at *Lauson, P.Q.*

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

Launched *12<sup>th</sup> Nov. 1934* Yard No. *570*

Total

Builders *David Shipbuilding & Repairing Co. Ltd.*

Gross Tonnage

Owners *Dartmouth Ferry Commission*

Register Tonnage

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

Residence

Port of Registry *Halifax*

If surveyed while building, afloat, or in dry dock

*While building.*

## REGISTERED DIMENSIONS.

Length *125*  
 Breadth *50*  
 Depth *13*

Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) *L 125*  
 Breadth (greatest moulded) *B 50*  
 Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) *D 13*  
 1st Longitudinal Number (L x D) = *1625*  
 2nd Numeral L x (B + D) = *7875*  
 Framing Depth "d," at middle of length. See Sec. 3 (1d) *9.61*  
 Proportions—Depth to Length—Uppermost continuous deck to top of keel *9.61*  
 Do. Long Bridge to top of keel *8.5*  
 Draught Moulded *8.5*

## 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.
<b>FRAMES, Spacing amidships</b>	<i>22</i>	<i>1</i>	<b>Bracket Floors, Frame</b>		
" " from $\frac{3}{4}$ length to Collision bulkhead	<i>22</i>	<i>1</i>	" " Reversed Frame		
" " in peaks	<i>18</i>	<i>1</i>	" " Vertical Struts		
<b>SIDE FRAMING.</b>			<b>Centre Girder, depth and thickness amidships</b>		
Frame Amidships, Angle, <i>C</i> or <i>D</i> <i>Angle</i> <i>4 1/2 x 3 x 40</i>	<i>4 1/2 x 3 x 40</i>	<i>1</i>	" " top Angles		
" " Extends up to <i>main deck</i>	<i>main deck</i>	<i>1</i>	" " bottom Angles		
Reversed Frame Amidships, Angle			<b>Side Girders, No. each side and thickness</b>		
" " Extends up to			<b>Margin Plate depth (excl. of flange) and thickness</b>		
Depth of Framing Girder <i>4 1/2</i>	<i>4 1/2</i>	<i>1</i>	" " Vertical Angle to Tank side		
Frames in Uppermost Continuous 'tween Decks, Angle, <i>C</i> or <i>D</i>			" " Bracket abaft $\frac{1}{4}$ len. from stem		
" " Second 'tween Decks, Angle, <i>C</i> or <i>D</i>			" " Vertical Angle to Tank side		
" " Third " " "			" " Bracket forward $\frac{1}{4}$ len. from stem		
Framing in Peaks, Angle or <i>C</i> <i>Angle</i> <i>4 1/2 x 3 x 34</i>	<i>4 1/2 x 3 x 34</i>	<i>1</i>	" " Gussets, spacing and scantling abaft $\frac{1}{4}$ len. from stem		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships <i>5/8" 7 diam.</i>	<i>5/8" 7 diam.</i>	<i>1</i>	" " Gussets, spacing and scantling forward $\frac{1}{4}$ len. from stem		
State if Frame Joggled <i>no.</i>	<i>no.</i>		<b>Tank Side Brackets, height above base line at toe of Frame and thickness</b>		
<b>PANTING ARRANGEMENTS</b> (Sec. 7), state system and particulars			<b>INNER BOTTOM PLATING.</b>		
<b>STRENGTHENING OF BOTTOM FORWARD.</b> State Particulars			Breadth and thickness of Middle Line Strake		
<b>SINGLE BOTTOM.</b>			Thickness of remainder in Holds		
Floors, Depth and thickness at mid-line in Holds <i>2 1/2 x 32"</i>	<i>2 1/2 x 32"</i>	<i>1</i>	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?		
Height of Brackets at side above base line at toe of frame <i>2 1/4"</i>	<i>2 1/4"</i>	<i>1</i>	<b>BEAMS.</b>		
Middle Line Keelson, on Floors, Angles, <i>C</i> or <i>D</i> <i>2 1/2 x 3 1/2 x 50</i>	<i>2 1/2 x 3 1/2 x 50</i>	<i>1</i>	Uppermost Continuous Deck, amidships in Wells, Angle, <i>C</i> or <i>D</i> <i>5" x 3" x 36"</i>	<i>5" x 3" x 36"</i>	<i>1</i>
" " Through Plate or Intercostal Plate <i>Through Plt.</i>	<i>Through Plt.</i>	<i>1</i>	" " in way of Bridge, Angle, <i>C</i> or <i>D</i>		
" " Foundation Plate on Floors <i>12" x 52"</i>	<i>12" x 52"</i>	<i>1</i>	Spacing <i>22" 18" side</i>	<i>22" 18" side</i>	<i>1</i>
" " Flat Plate Keel Angles <i>3 1/2 x 3 1/2 x 34</i>	<i>3 1/2 x 3 1/2 x 34</i>	<i>1</i>	<b>Second Deck, amidships, Angle, <i>C</i> or <i>D</i></b>		
Side Keelsons, No. each side <i>7 1/2 wide</i>	<i>7 1/2 wide</i>	<i>1</i>	Spacing		
" " thickness of Intercostal Plate <i>30"</i>	<i>30"</i>	<i>1</i>	<b>Third Deck, amidships, Angle, <i>C</i> or <i>D</i></b>		
" " Angles <i>4" x 3 1/2 x 50"</i>	<i>4" x 3 1/2 x 50"</i>	<i>1</i>	Spacing		
	<i>3" x 3" x 30"</i>	<i>1</i>	<b>Fourth Deck, amidships, Angle, <i>C</i> or <i>D</i></b>		
<b>DOUBLE BOTTOM.</b>			Spacing		
Solid Floors, thickness and spacing			<b>Poop Deck, Angle, <i>C</i> or <i>D</i></b>		
" " Are Frame and Reversed Frame joggled?			Spacing		
Bracket Floors, breadth and thickness at middle line			<b>Bridge Deck, Angle, <i>C</i> or <i>D</i></b>		
" " breadth and thickness at margin plate			Spacing		
			<b>Forecastle Deck, Angle, <i>C</i> or <i>D</i></b>		
			Spacing		



## PILLARS AND DECKS.

	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.		INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
<b>PILLARS, No. of Rows.....</b>	1 Row 3" diam	/	Stringer Plate, breadth and thickness in way of Bridge .....		
" in 'tween Decks, Size and Spacing.....	2		Thickness of Plating abreast Deck openings in way of Wells .....		
" " " " " "			Thickness of Plating abreast Deck openings in way of Bridge .....		
" in Holds " "	7" x 1 1/2" x 1/2"	/	Thickness of Plating within line of openings...		
" " " " " "	Diagonal between Deck Bulkheads		If Sheathed, material and thickness .....		
<b>Centre Line Bulkhead.</b>			<b>Third Deck.</b>		
Stiffeners and Spacing.....			Stringer Plate, breadth and thickness.....		
Plating, thickness of .....			If Plated, state thickness.....		
<b>STRINGERS AND DECKS.</b>			<b>Fourth Deck.</b>		
<b>Uppermost Continuous Deck.</b>			Stringer Plate, breadth and thickness.....		
Stringer Plate, breadth and thickness in Wells	30" x 16"	/	If Plated, state thickness .....		
" " " " in way of Bridge	26	/	<b>Poop Deck.</b>		
" Angle in Wells .....			Stringer Plate, breadth and thickness .....		
Thickness of Plating abreast Deck openings in way of Wells .....	30"	/	Plating, Sheathing, material and thickness ..		
Thickness of Plating abreast Deck openings in way of Bridge .....			<b>Bridge Deck.</b>		
Thickness of Plating within line of openings...			Stringer Plate, breadth and thickness.....		
If Sheathed, material and thickness .....	Covered with Asphaltic Plank		Plating, Sheathing, material and thickness ..		
<b>Second Deck.</b>			<b>Forecastle Deck.</b>		
Stringer Plate, breadth and thickness in Wells...			Stringer Plate, breadth and thickness.....		
			Plating, Sheathing, material and thickness ..		

## SHELL PLATING.

[illegible]

## WATERTIGHT BULKHEADS.

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

Extending to Upper Deck (Sec. 3 c) *Three* ✓

„ Deck next below ✓

As per Rule

## FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
<b>KEEL, Bar</b> .....				
<b>STEM</b> .....				
<b>STERN FRAME</b> {				
Propeller Posts.....	Steel	5 3/4" x 3 1/2"	Steel	
1 each end	Casting		Steel	
Rudder	"	"	Foundries	
<b>RUDDER</b> <sup>2</sup> / <sub>3</sub> A x D.....				
<b>Speed of Vessel</b> .....	11 Knots			
<b>RUDDER</b> mainpiece at head ...	Forging	5 1/2' dia		
" " heel ...				
" how constructed ...	Cast Steel Frame	Stream lined		
" double or single plate	Double plate			
" coupling, vertical or				
horizontal.....	Horizontal			

		Plating Thickness.	STIFFENERS.			
			VERTICAL.		HORIZONTAL.	
			Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKH'D, Upper tween decks						
"	"	Second	"			
"	"	Third	"			
"	"	Holds .....				
COLLISION		"	(in Hold) .....			
AFTER PEAK		"	" .....			

See attached letter

STEEL.	Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)
	<i>Dominion Steel and Foundry, Hamilton Ont. Nova Scotia Steel &amp; Pipe Co. Ltd. Glasgow</i> <i>British Export Co.</i>
	Has the Steel been tested as required by the Rules? <i>Yes.</i>







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.)

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

1st Bower	6. 0. 16	N.C.	8000	25 <sup>th</sup> May 1950
2nd "	6. 0. 27		8065	15 <sup>th</sup> June 1950
3rd "				

**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. 158089 ; Signal Letters \_\_\_\_\_ Is bottom of Vessel coated with cement ☒ if not give particulars of composition \_\_\_\_\_

**PARTICULARS OF WATER BALLAST.—**

Where Fitted.	Length. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Fore peak tank,	14	70.3
Double bottom, under Engines and Boilers,	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	After peak tank,	14	70.3
Double bottom, if under Engines only,	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Deep tank, aft,		
Double bottom, if under Boilers only,	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Deep tank, forward,		
Double bottom, forward,	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Other tanks, if fitted,		
Total capacity of double bottom		<input checked="" type="checkbox"/>	(If necessary, furnish further information by sketch.)		

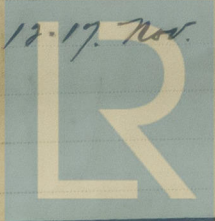
\* The wells are not to be included in the lengths of the tanks.

Order for Special Survey No. 102

Date 8<sup>th</sup> Aug. 1934

Dates of Surveys held while building

10. Aug. 6. 7. 18. 21 Sept. 1. 13 Oct. 12. 17. Nov.



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