

Rpt. 1  
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# STEEL STEAMER OR MOTORSHIP.

Received at London Office

31 OCT 1955  
11 NOV 1955

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 OCT 26 1955 Port of MONTREAL No. 10665

Survey held at KINGSTON, ONTARIO Date First Survey 1/2/55 Last Survey 14/6/1955

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) Single Screw Motor Ship "AMHERST ISLANDER" Machinery Aft

State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) Auto and Passenger Ferry State Type of Erections -

TONNAGE under } 69.54  
Tonnage Deck ... }  
Do. of space or spaces }  
between Tonnage Dk. }  
and Upper Dk. }  
Total -  
Gross Tonnage 183.75  
Register Tonnage 114.21

\*A1 "For service between Amherst Island

& Milhaven, Ont. State if with freeboard as condition of Class -

Length from fore part of stem to after part of stern stock post on summer L.W.L. See Sec. 3 (1a) 99.50

Breadth (greatest moulded) B 37.50

Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) D 10.06

1st Longitudinal Number (L x D) = 1001

2nd Numeral L x (B + D) = 4733

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

Proportions—Depth to Length—Uppermost continuous deck to top of keel 2.89

Do. Long Bridge to top of keel -

Draught Moulded 6.50

Built at Kingston, Ontario, Canada

Launched April 28th, 1955 Yard No. 48

Builders Kingston Shipyards Limited

Owners Dept. of Highways, Toronto

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

Residence -

Port of Registry Kingston

If surveyed while building, afloat, or in dry dock

While building, afloat & in dry dock 11/5/55

## REGISTERED DIMENSIONS.

FEET

100.5

38.0

8.3

## 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.....	18"	/	Bracket Floors, Frame .....	-	-
" " from 1/2 length amidships to Collision bulkhead.....	18"	/	" " Reversed Frame.....	-	-
" " in peaks .....	18"	/	" " Vertical Struts .....	-	-
SIDE FRAMING.			Centre Girder, depth and thickness amidships	-	-
Frame Amidships, Angle, <u>Toe welded</u> 6 3 1/2 3/8	Chine line	/	" " top Angles .....	-	-
" " Extends up to .....	Chine line	/	" " bottom Angles.....	-	-
Reversed Frame Amidships, Angle <u>T.W.</u> 4 3 5/16	Upper deck	/	Side Girders, No. each side and thickness.....	-	-
" " Extends up to .....	Upper deck	/	Margin Plate depth (excl. of flange) and thickness .....	-	-
Depth of Framing Girder.....	6" & 4"	/	" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem .....	-	-
Frames in Uppermost Continuous 'tween Decks, Angle, [ or [ .....	-	-	" " Vertical Angle to Tank side Bracket from forward 1/2 len. from stem to Panting Area .....	-	-
" " Second 'tween Decks, Angle, [ or [ .....	-	-	" " Gussets, spacing and scantling abaft 1/2 len. from stem.....	-	-
" " Third " " " " " " .....	-	-	" " Gussets, spacing and scantling from forward 1/2 len. from stem to Panting Area .....	-	-
" " from 1/2 len. for'd. to 15% len. from Stem Angle <u>T.W.</u> .....	As amids.	/	Tank Side Brackets, height above base line at toe of Frame and thickness	-	-
" " in Peaks, Angle or <u>T.W.</u> .....	As amids.	/	INNER BOTTOM PLATING.		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships .....	All welded	/	Breadth and thickness of Middle Line Strake..	-	-
State if Frame Joggled.....	No	/	Thickness of remainder in Holds .....	-	-
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved? .....	As approved	/	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?.....	-	-
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved? .....	As approved	/	BEAMS.		
SINGLE BOTTOM.			Uppermost Continuous Deck, amidships in T.W. <u>Welds</u> , Angle, <u>Toe welded</u> 6 3 1/2 3/8	6 3 1/2 3/8	/
Floors, Depth and thickness at mid-line in Holds Amidships.....	18 5/16	/	" " in way of Bridge, Angle, [ or [ .....	-	-
Height of Brackets at side above base line at toe of frame.....	See plans	/	Spacing .....	18"	/
Middle Line Keelson, on Floors, Angles, [ or [ .....	3/8	/	Second Deck, amidships, Angle, [ or [ .....	-	-
" " Through Plate or Intercoastal Plate .....	6 3/8	/	Spacing .....	-	-
" " Foundation Plate on Floors .....	6 3/8	/	Third Deck, amidships, Angle, [ or [ .....	-	-
" " Flat Plate Keel Angles .....	-	-	Spacing.....	-	-
Side Keelsons, No. each side.....	2	/	Fourth Deck, amidships, Angle, [ or [ .....	-	-
" " thickness of Intercoastal Plate.....	5/16	/	Spacing.....	-	-
" " Angles .....	6 3/8	/	Poop Deck, Angle, [ or [ .....	-	-
DOUBLE BOTTOM.			Spacing.....	-	-
Solid Floors, thickness and spacing .....	-	-	Bridge Deck, Angle, [ or [ .....	-	-
" " Are Frame and Reversed Frame joggled? .....	-	-	Spacing.....	-	-
Bracket Floors, breadth and thickness at middle line .....	-	-	Forecastle Deck, Angle, [ or [ .....	-	-
" " breadth and thickness at margin plate.....	-	-	Spacing.....	-	-

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## PILLARS AND DECKS.

[illegible]

## SHELL PLATING.

[illegible]

## WATERTIGHT BULKHEADS.

		Plating Thickness.	STIFFENERS. (T.W. Ang				
			VERTICAL.		HORIZONTAL.		
			Scantlings.	Spacing.	Scantlings.	Spacing.	
MIDSHIP	BULKH'D, Upper 'tween decks						
"	" Second "						
"	" Third "						
"	" Holds Frame 29	$\frac{1}{4}$ to $\frac{5}{16}$	$4 \times 3 \times \frac{1}{4}$	$21\frac{1}{2}$ to 24"	-	-	
COLLISION	" (in Hold) Fr. 60	$\frac{1}{4}$ to $\frac{5}{16}$	$4 \times 3 \times \frac{1}{4}$	$21\frac{1}{2}$ to 30	-	-	
AFTER PEAK	" Fr. 4	$\frac{1}{4}$ to $\frac{5}{16}$	$4 \times 3 \times \frac{1}{4}$	18 to 24	-	-	

FORGINGS AND CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
KEEL, Bar .....		Plate keel		
STEM .....		6 x 1 rolled steel bar		
STERN FRAME {	Propeller Post .....	Flame cut from tested		
	& solepiece .....	forged tail shaft, bars & pl		
	Rudder .....	fabricated as approved.		
Speed of Vessel .....		9 3/4 Knots		
RUDDER—Type .....		Streamlined fabricated		
		as approved		
„ A x D .....		40		
„ Diam. of head .....		4 5/8		
„ Mainpiece at top pintle .....		E.W. plate construction		
„ „ heel .....		as approved		
„ how constructed .....		steel plates & cut from T.S.		
„ „ .....		forging as approved		
„ double or single plate .....		Double		
„ coupling, vertical or .....		Horizontal		
„ horizontal .....				

## STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) Open Hearth  
Steel Co. of Canada, Hamilton

Has the Steel been tested as required by the Rules? **Yes.**



[illegible]

AL DECLARATION. It should be stated (a) whether the vessel (if not a motorship) is fitted for the carriage and burning of oil used as fuel motorship  
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 (where required to be inserted in the Notation).

is vessel has been built under Special Survey in accordance with the Society's Rules and Regulations, and  
secretary's letters. The scantlings and arrangements of the ship are as given in the Report and as shown on  
As Fitted" plans now forwarded. All modifications to the original approved arrangements made during  
construction have been indicated on the plans and have been approved as being in accordance with, or by  
standards equivalent to, the Rule requirements. The materials and workmanship are of good quality. The E.R.  
tanks and fuel tanks have been tested to Rule requirements and found satisfactory. The W.T. Door, pumps,  
mast and steering gear have been tested and found satisfactory. The WT bulkheads, WT door and weather decks  
have been tested and found satisfactory.

The amount of Entry Fee..... £ : : \$ 419 \$ 630.00  
Special Survey Fee..... £ : :  
Travelling Expenses, if any ..... \$ 275.00

Fees applied for, OCT 26 1955  
Received by me, 19

(Special notations, where part of class, to be stated.)

We are  
I am of opinion the Vessel should be Classed **\*A1** "For service between Amherst Island and Milhaven, Ontario

State whether the Vessel has been built under Special Survey **Yes**

Certificate to be sent to **Montreal** Date of issue **27/1/56**

Signature *[Signature]*  
Surveyor to Lloyd's Register of Shipping.

Committee's Minute  
Character assigned **TUESDAY 20 DEC 1955**  
**+ A1 Ferry.**  
**For service between Amherst Island & Milhaven, Ontario.**  
**5.55 Km.**  
**+ LMC 6.55**  
**W. M. L.**

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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.)

Oil fuel flash point above 150°F is carried in loose tanks in the Engine room. The requirements of Section 20 of the Rules for steel ships where applicable have been complied with.

Forgings and Castings certificates

F37/55 Rudder stock

C48864 Tiller, trunnions and crossheads

As fitted approved plans:

1 - Midship Section

2 - Framing Plan

3 - Shell Expansion

4 - Main Deck

5 - W. T. Bhds.

6 - Rudder and Shoe

7 - Centre & Side Girders

8 - Welding Schedule

9 - Bulwarks, House side and curb

10 - Houses on Main Deck

11 - Promenade Deck

12 - Houses on Promenade Deck

13 - Stern Cants & Steering Gear Seat

14 - Wastes, Drains and Scuppers

15 - Sea Chest

PARTICULARS OF ELECTRIC WELDING (if employed) The Vessel is completely welded

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book

Electrically welded

RADAR Equipment (State if fitted) No

State Type or Pattern No.

State Name of Maker and/or Supplier

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

1st Bower These are assembled anchors, and as they were  
2nd „ previously tested, no drop test was made.  
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 or Forecastle are joined to the B.D., this should be distinctly stated

Official No. 192697 Signal Letters / Extreme Breadth over Belting 37.58 ft. Over-all Length 106.04 ft.  
(Circ. 1611) (Circ. 1703)

No. and Material of Decks One steel

Parts of Bottom of Vessel coated with cement or approved composition None

Particulars of composition (if fitted) and of approval Marine mastic asphalt

PARTICULARS OF WATER BALLAST:—(Comprising all tanks which may be used for Water Ballast. (Circ. 1284)  
Wells are not to be included in the lengths of the tanks, but Cofferdams and Dry Tanks (if tested) are to be included.)

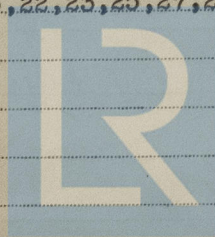
Where Fitted.	Length.	Water Capacity.	Where Fitted.	Length.	Water Capacity.
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft,			Fore peak tank,		
Double bottom, under Engines and Boilers,			After peak tank,		
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,			Other tanks, if fitted,		
Total length (if continuous) and Capacity			Ballast tanks at sides P.16.5 of E.R. (If necessary furnish further information by sketch.)	S.21.0	9 11

Order for Special Survey No. 267

Date 3-5-55

Dates of Surveys held while building

Feb. 1, 9, 21; March 2, 8, 15, 17, 25; April 13, 15, 22, 23, 25, 27, 28; May 5, 11, 19, 24, 25;  
June 3, 4, 5, 6, 7, 11, 13, 14



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Total No. of Visits 28