

Rpt. 1.

NOW "MARLEEN"  
STEEL STEAMER or MOTORSHIP

Received at London Office

12 SEP 1946

State if Report has been sent on the Freeboard of the Vessel. YES

State if Report is sent on the Machinery of the Vessel. YES

Date of completion of report 21st. AUGUST 1946

Port of QUEBEC, P.Q.

No. 6906

Survey held at QUEBEC, P.Q.

Date First Survey 3rd. APRIL 1945

Last Survey 29th. June 1946

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw)

SINGLE SCREW STEAM VESSEL "OTTAWA MAYCLIFF" (Machinery fitted aft.)

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

Open Shelter Deck with Tonnage Opening

State Type of Erections None

TONNAGE under Tonnage Deck... 234.97

CLASS 100A1 with State if with freeboard) Freeboard "Part Welded" condition of Class

Built at QUEBEC, P.Q.

Do. of space or spaces between Tonnage Dk. and Upper Dk. 75.46

Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) L 140.0

Launched 30th. November 1945 Yard No. 66

Breadth (greatest moulded) B 27.0

Builders Morton Engineering &amp; Dry Dock Co. Ltd.

Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) D 17.5

Owners Dominion of Canada

N.V. Motorship Martha

1st Longitudinal Number (L x D) 2450

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

2nd Numeral L x (B + D) 140 x (27 + 17.5) 6230

Residence

Framing Depth "d," at middle of length. See Sec. 3 (1d) 8.0

Port of Registry Amsterdam

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

If surveyed while building, afloat, or in dry dock

Do. Long Bridge to top of keel

Building &amp; afloat.

Draught Moulded

## 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.
IES, Spacing amidships 1/2	24	✓	Bracket Floors, Frame	4 3 .32	✓
" from 1/2 length amidships to Collision bulkhead	21	✓	" " Reversed Frame	4 3 .32	✓
Aft Peak	24	✓	" " Vertical Struts		✓
" in peaks Fore Peak	21	✓	Centre Girder, depth and thickness amidships	30 .32	✓
FRAMING.			" " top Angles	Welded	✓
ne Amidships, Angle, E or F	5X 3X .32	✓	" " bottom Angles	Welded	✓
" Extends up to Upper deck alternative			Side Girders, No. each side and thickness	1 .25	✓
mediate Frames 2nd to Upper Dk. 5X 2 1/2 X .25		✓	Margin Plate depth (excl. of flange) and thickness	32 to .25	✓
Reversed Frame Amidships, Angle			" " Vertical Angle to Tank side Bracket abaft 1/4 len. from stem	plate level welded to shell	✓
" Extends up to			" " Vertical Angle to Tank side Bracket from forward 1/4 len. from stem to Panting Area		✓
of Framing Girder	5"	✓	" " Gussets, spacing and scantling abaft 1/4 len. from stem		✓
s in Uppermost Continuous 'tween Decks, Angle X or I	5X 3X .32 Alternate	✓	" " Gussets, spacing and scantling from forward 1/4 len. from stem to Panting Area		✓
" Second 'tween Decks, Angle X or I	3X 2 1/2 X .25	✓	Tank Side Brackets, height above base line at toe of Frame and thickness	3'-6 .25	✓
" Third " " "			INNER BOTTOM PLATING.		
from 1/2 len. for'd. to 15% len. from Stem	5 3 .32	✓	Breadth and thickness of Middle Line Strake	48 .32	✓
Aft Peak	5 3 .32	✓	Thickness of remainder in Holds	32 to .25	✓
in Peaks, Angle ONE	5 3 .32	✓	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?	Yes	✓
ter and Spacing of Rivets through Frame and Shell Plating amidships	5/8 4 3/8	✓	BEAMS.		
f Frame Joggled	Yes	✓	Uppermost Continuous Deck, amidships	4X 3X .25	✓
e scantlings and arrangements in the ing Area in accordance with the Rules or as approved?	As approved	✓	" " in way of Bridge, Angle		✓
scantlings and arrangements in way of the om Forward in accordance with the Rules or as approved?	As approved	✓	" " Spacing	24"	✓
E BOTTOM.			Second Deck, amidships, Angle, E or F	4X 3X .32	✓
s, Depth and thickness at mid-line in) Holes Machinery spaces	.38	✓	" " Spacing	24"	✓
Height of Brackets at side above base line at toe of frame	3'-6"	✓	Third Deck, amidships, Angle, E or F	4X 3X .32	✓
Line Keelson, on Floors, Angles	.32	✓	" " Spacing	24"	✓
" " Through Plate or Intercoastal Plate	.32	✓	Fourth Deck, amidships, Angle, E or F	4X 3X .32	✓
" " Foundation Plate on Floors	.75	✓	" " Spacing	24"	✓
" " Flat Plate Keel Angles			Poop Deck, Angle, E or F		✓
Keelsons, No. each side	1	✓	" " Spacing		✓
" thickness of Intercoastal Plate	.32	✓	Bridge Deck, Angle, E or F		✓
" Angles	4X 3X .58	✓	" " Spacing		✓
DOUBLE BOTTOM.			Forecastle Deck, Angle, E or F		✓
Solid Floors, thickness and spacing	.25 24	✓	" " Spacing		✓
" " Are Frames and Reversed Frame joggled?	Yes	✓			
Bracket Floors, breadth and thickness at middle line	18 .25 Flanged 2 1/2	✓			
" " breadth and thickness at margin plate	24 X .25	✓			



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## SHELL PLATING

## WATERTIGHT BULKHEADS.

Total No. of <u>W.T. BULKHEADS</u> in Vessel—		Extending to Upper Deck (Sec. 3 c) <u>Two</u>		Deck next below <u>Two</u>		As per Rule <u>As approved.</u>	
		STIFFENERS.					
		VERTICAL.		HORIZONTAL.			
		Scantlings.	Spacing.	Scantlings.	Spacing.		
MIDSHIP BULKH'D, Upper tween decks							
" " Second "							
" " Third "							
" No. 40 Holds		<u>.25</u>	<u>5X3X.32</u>	<u>2-0</u>	<u>Toe Welded</u>	<u>✓</u>	
COLLISION No. 62 (in Hold)		<u>.38</u>	<u>4X3X.32</u>	<u>2-0</u>	"		
AFTER PEAK " In Tween Dk		<u>.32</u>	<u>3X.25</u>	<u>2-6</u>	"		
		<u>.38</u>	<u>4X3X.38</u>	<u>2-0</u>	<u>Toe Welded</u>	<u>✓</u>	
		<u>.25</u>					
Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) <u>OPEN HEARTH</u>							
<u>ALGOMA Steel Corporation, Phoenix Iron Company, Steel Company of Canada Limited, Canadian Tube &amp; Steel Products Ltd. Peck Rolling Mills, Dominion Steel &amp; Coal Corp.</u>							
Has the Steel been tested as required by the Rules? <u>YES</u>							



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## HAWSERS AND WARPS.

0034  $2/2$



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 List of the Plans should be embodied.)

Sister Vessel,

S.S. "OTTAWA MAYCREST"

Montreal Report No. 6900.....

Forging Certificates of Stern Frame, Upper & bottom rudder stock, Anchor and cables forwarded with this report.

PARTICULARS OF ELECTRIC WELDING (if employed) All butts of shell welded. All butts of upper and 2nd deck welded. 2nd. deck welded to shell. bulkhead plating seams and butts welded. Tank top seam and butts welded and welded to shell. Centre girder and side girders in double bottom welded to shell and tank top. Approved electrodes used throughout.

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

"PART WELDED"

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

1st Bower	1325Lbs. (Head 940Lbs.)	J.A.S.	4213	30-8-45
2nd "	1310Lbs. (Head 925Lbs.)	J.A.S.	4214	30-8-45
3rd Stream	525Lbs. (head 445Lbs.)	J.A.S.	4215	30-8-45

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

Official No. Signal Letters

Extreme Breadth over Belting 28'-6 1/2" Over-all Length 151'-0" (Circ. 1703)

No. and Material of Decks

2 - Steel 10k + Shells

Parts of Bottom of Vessel coated with cement or approved composition Peaks, F.W. Tanks and double bottom water ballast Tank cement washed. Cement on bottom in way of B. Sp.?

Particulars of composition (if fitted) and of approval

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. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.
Double bottom, aft,			Fore peak tank,	65 to stem ✓ 14.0
Double bottom, under Engines and Boilers,			After peak tank,	0-6 ✓ 5.0
Double bottom, if under Engines only,			Feed tank Starb. 22-25 ✓ 6.0	
Double bottom, if under Boilers only,	25-51	52'-0" 28	Deep tank, aft,	21-25 ✓ 5.25
Double bottom, forward,	51-62	20'-4" 22	Deep tank, forward,	62-65 ✓ 2.0
Total length (if continuous) and Capacity.	71'-6" 100		Other tanks, if fitted,	Cofferdam 50-51 20.0
			(If necessary, furnish further information by sketch.)	Fuel oil tanks 40-50 30.0
				Fuel oil tanks 25-40 30.0

Order for Special Survey No. 186

Date 13-11-1944

Dates of Surveys held while building

3RD. APRIL 1945 TO 29TH. JUNE 1946

CONSTANT ATTENDANCE.



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Total No. of Vessels