

Rpt. 1.

STEEL STEAMER ~~OF~~ MOTORSHIP

Received at London Office

29 NOV 1945

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

m.d. Rpt.

Date of completion of report September 29th, 1945 Port of Montreal, Que. No. 6709

Survey held at Montreal, Que. Date First Survey Nov. 28th, 1944 Last Survey Sept. 24th, 1945

On the (State if Machinery, and Aft and if Single, Twin or Triple Screw) Steel Twin Screw Transport Ferry L.S.T. (3) 3519

State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) Special Type State Type of Erections None

TONNAGE under Tonnage Deck... 4054.94

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

Total 4054.94

Gross Tonnage 4290.74

Register Tonnage 2430.45

## REGISTERED DIMENSIONS. FEET.

Length 330.6

Breadth 54.1

Depth 27.1

CLASS A-

Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) 1319.2

Breadth (greatest moulded) 54.0

Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) 27.0

1st Longitudinal Number (L x D) 8618.4

2nd Numeral L x (B + D) 25855.2

Framing Depth "d," at middle of length. See Sec. 3 (1d) 9.5

Proportions—Depth to Length—Uppermost continuous deck to top of keel 11.82

Do. Long Bridge to top of keel

Draught Moulded (mean) 12.25

Built at Montreal, Que.

Launched Apr. 20th, 1945 and No. 207

Builders Canadian Vickers Limited

My Lords Commissioners of the Admiralty

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

Residence

Port of Registry

If surveyed while building, afloat, or in dry dock and

Yes

## 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	-		Bracket Floors, Frame		
" " from 3/4 length amidships to Collision bulkhead	-		" " Reversed Frame		
" " in peaks	24		" " Vertical Struts		
SIDE FRAMING. Longitudinal Framing			Centre Girder, depth and thickness amidships		
Frame Amidships, Angle, [ or [ Rpt. 1/7 attached			" " top Angles		
" " Extends up to			" " bottom Angles		
Reversed Frame Amidships, Angle			Side Girders, No. each side and thickness		
" " Extends up to			Margin Plate depth (excl. of flange) and thickness		
Depth of Framing Girder			" " Vertical Angle to Tank side Bracket abaft 1/4 len. from stem		
Frames in Uppermost Continuous 'tween Decks, Angle [ or [			" " Vertical Angle to Tank side Bracket from forward 1/4 len. from stem to Panting Area		
" " Second 'tween Decks, Angle, [ or [			" " Gussets, spacing and scantling abaft 1/4 len. from stem		
" " Third " " " "			" " Gussets, spacing and scantling from forward 1/4 len. from stem to Panting Area		
" " above 3rd deck angle from 1/2 len. for'd. to 15/16 len. from Stem below 3rd deck B.A.	5	3 8.2 5 x 3 x 7.8	Back Side Brackets, height above base line at toe of Frame and thickness		
" " in Peaks, Fore peak 12' 6" Att. peak B.A. 6	6	3 10.7 6 x 3 x 11.12	INNER BOTTOM PLATING.		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	8	3 10.7 6 x 3 x 11.12	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 as approved?	Yes		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 as approved?	Yes		BEAMS.		
SINGLE BOTTOM.			Uppermost Continuous Deck, amidships in Wells, Angle [ or [		
Floors, Depth and thickness at mid-line in Holds			" " in way of Bridge, Angle, [ or [		
Height of Brackets at side above base line at toe of frame			Spacing		
Middle Line Keelson, on Floors, Angles, [ or [			Second Deck, amidships, Angle, [ or [		
" " Through Plate or Intercoastal Plate			Spacing		
" " Foundation Plate on Floors			Third Deck, amidships, Angle, [ or [		
" " Flat Plate Keel Angles			Spacing		
Side Keelsons, No. each side			Fourth Deck, amidships, Angle, [ or [		
" " thickness of Intercoastal Plate			Spacing		
" " Angles			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		



## 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>			Stringer Plate, breadth and thickness in way of Bridge .....	-	
" " in 'tween Decks, Size and Spacing.....	As per		Thickness of Plating abreast Deck openings } <del>in way of Bridge</del>	7.65 lbs.	
" " " " " "	Approved		Thickness of Plating abreast Deck openings } in way of Bridge .....	-	
" " in Holds " "	Plans		Thickness of Plating within line of openings..	-	
" " " " " "			If Sheathed, material and thickness.....	-	
<b>Centre Line Bulkhead.</b>			<b>Third Deck.</b>		
Stiffeners and Spacing.....	Spaced 8'0"	6 6 19.6 lbs.	Stringer Plate, breadth and thickness.....	10 lbs.	
" " 2'0"	4 3 5.74 lbs.		If Plated, state thickness.....	10 lbs.	
Plating, thickness of.....	5 lbs.		Longitudinal Bulkhead 15'0"		
<b>STRINGERS AND DECKS.</b>			<del>Fourth Deck</del> from Cr. Line P&S		
<b>Uppermost Continuous Deck.</b>			<del>Stringer Plate</del> breadth and thickness.....	12 lbs-10 lbs.	
Stringer Plate, breadth and thickness <del>now at</del>	63-5/8 x 15 lbs.		Stiffeners, vertical (size 15"-10 lbs. 4" flg.)		
" " " " in way of Bridge			<del>thickness of plating</del> (spacing 8'0")		
" Angle <del>now at</del>	3 1/2 3 1/2 11.05		<del>Bow Deck</del> (size 8 4 17.2 toe welds)		
Thickness of Plating abreast Deck openings }	12 lbs.		<del>Stringer Plate</del> breadth and thickness.....		
<del>in way of Bridge</del>			Stiffeners, Longitudinal size 7 3/4 13.6 B.A.		
Thickness of Plating abreast Deck openings }	-		<del>Plating Stringer Plate</del> (spacing 30"-27")		
<del>in way of Bridge</del>			<b>Bridge Deck.</b>		
Thickness of Plating within line of openings..	12 lbs.		Stringer Plate, breadth and thickness.....		
If Sheathed, material and thickness .....	-		Plating, Sheathing, material and thickness.....		
<b>Second Deck.</b>			<b>Forecastle Deck.</b>		
Stringer Plate, breadth and thickness in Wells	18 x 10 lbs.		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.		State if joggled?	No	No.	No. of Rows of Rivets	Rivets.		STRAPPED OR LAPPED.	
	Breadth.	Thickness.	Thickness.	Thickness.						SINGLE OR DOUBLE.	Diam.		Spacing.
	Inches.	lbs.	lbs.	lbs.			Inches.	cr. to cr.	Inches.	cr. to cr.	Inches.	Inches.	
FLAT PLATE KEEL .....	72'	20'	20'	20'		Generally	3/4	3'					
" DBLG. (if any) .....	-	-	-	-		Double ford	7/8	3'		Vee butt welded			
BOTTOM PLATING, No. of Strakes .....	-	15'	40'	15'		Generally	3/4	3'					
BILGE PLATING, No. of Strakes .....	32 1/2	15	17	12'		Double ford	7/8	3'		Vee butt welded			
SIDE PLATING, No. of Strakes .....	-	14	10	10'		"	3/4	3'		" "	" "	" "	
UPPER DECK, Sheer strake in <del>Walls</del> .....	52	20	12	12'		"	"	"		" "	" "	" "	
UPPER DECK, Sheer strake in Bridge .....	-	-	-	-		"	"	"		" "	" "	" "	
STRAKE BELOW Sheer strake in <del>Walls</del> .....	64 1/2	14	10	10'		"	"	"		" "	" "	" "	
STRAKE BELOW Sheer strake in Bridge .....	-	-	-	-		Double	3/4	3'		Vee butt welded			
POOP SIDE PLATING .....	-	-	-	-		-	-	-		-	-	-	
BRIDGE SIDE PLATING .....	-	-	-	-	-	-	-		-	-	-		
FOREC'TLE SIDE PLATING .....	-	-	-	-	-	-	-		-	-	-		

## WATERTIGHT BULKHEADS.

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

Extending to Upper Deck (Sec. 3 c)

" Deck next below.

As ~~per R/R~~ approved ✓

## FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
KEEL, Bar		Flat Plate	Keel	
STEM	Hinged	Bow doors	fitted	
STERN FRAME	Propeller Posts	Fabricated	M.S. welded	
	Rudder	"	" " "	
	Skews	C.S.	per dwg. Can. Car. & F.	
Speed of Vessel	14 knots			
RUDDER—Type	Twin	Ordinary		
" A × D	90.4			
" Diam. of head	C.S. 7" dia.	Can. Car. & F.		
" Mainpiece at top pintle	-	-	-	
" " heel	-	-	-	
" how constructed	Fabricated	M.S. welded		
" double or single plate	13 lbs.			
" coupling, vertical or horizontal	Horizontal			

		Plating Thickness.	STIFFENERS.			
			VERTICAL.		HORIZONTAL.	
			Scantlings.	Spacing.	Scantlings.	Spacing.
	in wings			15" to		
MIDSHIP BULKH'D,	Upper tween decks	7 lbs.	3"x2½"x½"	39"	-	-
"	Second "	7-10 lbs.	5"x3"x8."	2 31½"	-	-
"	Third "	-	-	-	-	-
"	Holds (No. 28)	12 lbs.	Toe welded	20½" to Toe welded		
		10 lbs.	6"x3½"x7/16"	24½"	6"x3½"x7/16"	
COLLISION	(in Hold) (No. 7)	10 lbs.	6"x3½"x7/16"	24½"	-	
AFTER PEAK	(No. 59-61)	8 lbs.	4"x3"x5/16"	28" to Toe		
		12 lbs.	6"x4"x7/16"	22½" Welded		

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture): Open Hearth  
Steel Company of Canada, Dominion Bridge & Steel Co., Algoma Steel Corp., Dominion Steel  
and Coal Co., Phoenix Iron Works, U.S.A., Bethlehem Steel Corp., etc.  
 Has the Steel been tested as required by the Rules? Yes







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.)

Vessel built to plans approved by Admiralty from original plans as approved by the Society,

Casting Certificates:—

Rudder stock - Port	4385-A	30.6.44	G.P.
" " - Stbd	4385-B	30.6.44	G.P.
Skeg - Port	4416	12.7.44	G.P.
" - Stbd	4417	12.7.44	G.P.
Tiller Arm - Port	6455-B	30.1.45	G.P.
" " - Stbd	6455-A	30.1.45	G.P.

PARTICULARS OF CHAIN CABLES

No. of Cert.	Length Supplied Fathoms	Weight Supplied lbs.	Makers of Cables	Where and When tested and Supertinent	No. of Cert.	Length Supplied Fathoms	Weight supplied lbs.	Makers of Cables	Where and When tested and Supertinent
1357	7½	968		Niagara Falls, Ont. 28.6.45 A.T.G.	1366	15	1922		Niagara 28.6.45
1358	7½	968	Dominion	" "	1367	15	1924	Dominion	" "
1359	7½	970		" "	1430	15	1918		" "
1360	7½	970	Chain	" "	1431	15	1926	Chain	11.7.45
1361	7½	966		" "	1432	15	1920		" "
1362	7½	968	Co.	" "	1433	15	1920	Co.	" "
1363	7½	970		" "	1434	15	1922		13.7.45
1364	7½	966		" "	1435	15	1924		" "
1365	15	1920		" "	1436	15	1922		" "

PARTICULARS OF ELECTRIC WELDING (if employed). Seams and butts of Lower, Main and Upper decks, centre line bulkhead and longitudinal bulkheads. Butts of keel plates, sheerstrake and shell plating. Longitudinal bulkhead stiffeners, centre line bulkhead intermediate stiffeners. Lower and main deck transverses and upper deck transverses at wings.

Wilson No. 98 approved shielded arc electrodes and "Unionmelt" welding process used.

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

Cruiser-stern, Twin Screw, Fitted for oil fuel, F.P. above 150°F.

Longitudinal framing, Machinery aft, Part electrically welded.

R.D.F.

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

1st Bower	4055 lbs.	J.F.H.	F.15230	9.9.45
2nd "	4057 lbs.	J.F.H.	F.15228	29.3.45
Kedge anchor	4053 lbs.	J.F.H.	F.15229	29.3.45

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. — Signal Letters — Extreme Breadth over Belting 55.1' Over-all Length 345.4' (Circ. 1611) (Circ. 1703)

No. and Material of Decks — Three decks, steel. Second deck, steel, at sides only.

Parts of Bottom of Vessel coated with cement or approved composition. Fore peak, aft peak and tanks clear of oil fuel tanks two coats "Farbertite". Fresh water tank cement washed. Oil fuel and diesel oil tanks one coat heavy filtered mineral oil.

Particulars of composition (if fitted) and of approval "Farbertite" approved by British Admiralty Technical Mission 26.9.44

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.	Water Capacity. Tons.
Double bottom, aft,			Fore peak tank, Stem - Fr.7	14.0	48
Double bottom, under Engines and Boilers,			After peak tank, Fr.59 - Fr. 74	30.0	138
Double bottom, if under Engines only,			Deep tank, aft, Fresh Water Tank	30.0	215
Double bottom, if under Boilers only,			Deep tank, forward, Fr.11 - Fr.28 (Total)	112.0	1797
Double bottom, forward,			Other tanks, if fitted, (W.T. Compt. Fr.7 - Fr.11 16.0	180	
Total length (if continuous) and Capacity.			(If necessary, furnish further information by sketch.)		

Constant attendance from Nov. 28th, 1944 to Sept. 24th, 1945.

Order for Special Survey No. 178

Date 31 May 1944

Dates of Surveys held while building



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