

2 OCT 1944

Rpt. 1.

STEEL STEAMER or MOTORSHIP

Received at London Office

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 *September 13, 1944*Port of *Saint John, N.B.*No. *663*Survey held at *Saint John, N.B.*Date First Survey *September 2, 1943*Last Survey *September 7*

1944

On the *Single Screw Steamer "BLOOMFIELD PARK"*State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) *Full Scantling*State Type of Erections *Prop. Bridge & Forecastle*TONNAGE under Tonnage Deck... *2521.40*CLASS *100A1*State if with freeboard as condition of Class *No*Built at *Saint John, N.B.*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 310.0*Launched *June 8th, 1944* Yard No. *18*Total *✓*Breadth (greatest moulded) *B 46.3*Builders *St. John Dry Dock & Shipbuilding Co. Ltd.*Gross Tonnage *2883.89*Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) *NORMAL SHEER 24.5*
*FLAT SHEER 25.16*Owners *Canadian Government*Register Tonnage *1655.33*1st Longitudinal Number (L x D) *= 7595*Managers *Messrs. Park Steamship Co. Ltd.*

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

2nd Numeral L x (B + D) *= 21957*Residence *410, St. Nicholas St., Montreal, P.Q.*REGISTERED DIMENSIONS.
FEET.Length *315.5*Length Overall *328.0*Breadth *46.5*Depth *23.0*Framing Depth "d," at middle of length. See Sec. 3 (1d) *21.42*Proportions—Depth to Length—Uppermost continuous deck to top of keel *12.65*
Do. Long Bridge to top of keel *9.25*Port of Registry *Montreal, P.Q.*

If surveyed while building, afloat, or in dry dock

Draught Moulded *20'-8 3/8"**Building and afloat.*

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	<i>24</i> ✓		Bracket Floors, Frame		
" " from 1/3 length to Collision bulkhead.....	<i>24</i> ✓		" " Reversed Frame	<i>None</i> ✓	
" " in peaks.....	<i>24</i> ✓		" " Vertical Struts		
SIDE FRAMING.			Centre Girder, depth and thickness amidships	<i>37 x 7/16</i>	<i>Approved 37x-46</i>
Frame Amidships, Angle, <i>E or C</i>	<i>10 3 1/2 -46</i> ✓		" " top Angles <i>Double</i>	<i>3 x 3 x 3/8</i>	
" " Extends up to	<i>Upper Deck</i> ✓		" " bottom Angles <i>Double</i>	<i>3 1/2 x 3 1/2 x 7/16</i>	
Reversed Frame Amidships, Angle			<i>Longitudinal in D.B. Tanks (clear of E & B.)</i>		<i>Approved</i>
" " Extends up to..			Side Girders, each side and thickness <i>Top</i>	<i>6 x 3 1/2 x .40</i>	<i>6 x 3 1/2 x 5/16</i>
Depth of Framing Girder	<i>None</i> ✓		<i>Bottom</i>	<i>6 x 3 1/2 x .52</i>	<i>6 x 3 1/2 x 7/16</i>
Frames in Uppermost Continuous 'tween Decks, Angle, C or E			Margin Plate depth (excl. of flange) and thickness	<i>29 1/2 x 7/16</i>	<i>29 1/2 x .42</i>
" " Second 'tween Decks, Angle, C or E			" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem	<i>3 x 3 x 3/8</i>	
" " Third " " " "			" " Vertical Angle to Tank side Bracket forward 1/2 len. from stem	<i>5 x 5 x 3/8</i>	
Framing in Peaks, Angle or C	<i>7 3 1/2 -32</i>	<i>Approved 7x3x-32</i>	" " Gussets, spacing and scantling abaft 1/2 len. from stem.....	<i>22 x 1/32 aft</i>	<i>Approved .34</i>
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	<i>3/4 - 5/16</i> ✓		" " Gussets, spacing and scantling forward 1/2 len. from stem.....	<i>28 x 1/32 fwd</i>	<i>Approved .34</i>
State if Frame Joggled <i>Bottom Frames</i> <i>Side Frames</i>	<i>Yes</i> <i>No</i> ✓		Tank Side Brackets, height above base line at toe of Frame and thickness	<i>59 x 3/8</i>	<i>Approved 59x-38</i>
PANTING ARRANGEMENTS (Sec. 7), state system and particulars <i>Frames 12" channels</i> <i>Shell .50"</i> <i>No side stringers</i>			INNER BOTTOM PLATING.		
STRENGTHENING OF BOTTOM FORWARD. State Particulars	<i>5" x 5" x 3/8" Bottom Frames</i> <i>Shell 9/16"</i> <i>6 rows of Inter L or plan</i> <i>approved .55"</i>		Breadth and thickness of Middle Line Strake	<i>65 1/2 x 3/8"</i>	<i>Approved 65 1/2 x .40</i>
SINGLE BOTTOM.			Thickness of remainder in Holds	<i>11/32 + 3/32 Hatches</i>	<i>(43-.42 under Hatches) (43-.42 under Hatches) (43-.42 under Hatches)</i>
Floors, Depth and thickness at mid-line in Holds			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?	<i>Yes</i> ✓	
Height of Brackets at side above base line at toe of frame			BEAMS.		
Middle Line Keelson, on Floors, Angles, C or E			Uppermost Continuous Deck, amidships in Wells, Angle, E or C	<i>6 x 3 1/2 x .40</i>	<i>Approved 6 x 3 1/2 x 5/16</i>
" " " Through Plate or Intercoastal Plate... ..			" " in way of Bridge, Angle, E or C <i>(1/2 Beams)</i>	<i>7 x 3 1/2 x .32</i>	<i>7 x 3 x .33</i>
" " " Foundation Plate on Floors			Spacing	<i>24"</i> ✓	
" " " Flat Plate Keel Angles			Second Deck, amidships, Angle, C or E		
Side Keelsons, No. each side			Spacing.....		
" " thickness of Intercoastal Plate... ..			Third Deck, amidships, Angle, C or E	<i>None</i> ✓	
" " Angles			Spacing.....		
DOUBLE BOTTOM.			Fourth Deck, amidships, Angle, C or E		
Solid Floors, thickness and spacing	<i>1/32" @ 24"</i>	<i>Approved .34"</i>	Spacing.....		
" " Are Frame and Reversed Frame joggled?	<i>Yes</i> ✓		Poop Deck, Angle, E or C	<i>6 x 3 1/2 x .40</i>	<i>Approved 6 x 3 1/2 x 5/16</i>
Bracket Floors, breadth and thickness at middle line	<i>None</i> ✓		Spacing.....	<i>24</i>	<i>Approved 6 x 3 1/2 x 5/16</i>
" " breadth and thickness at margin plate.....			Bridge Deck, Angle, E or C	<i>6 x 3 1/2 x .40</i>	<i>Approved 6 x 3 1/2 x 5/16</i>
			Spacing.....	<i>24</i>	<i>7 x 3 x .33</i>
			Forecastle Deck, Angle, E or C	<i>7 x 3 1/2 x .32</i>	<i>Approved 7 x 3 x .33</i>
			Spacing	<i>24</i>	<i>6 x 3 1/2 x 5/16</i>

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.
	Breadth.	Thickness.			Breadth.	Thickness.	
in 'tween Decks, Size and Spacing.....	None ✓				None ✓		
" " " " "							
in Holds 12"x12" H section	At frames 36, 95, & 137		Approved 12"x8" H ✓				
" " " " "							
Centre Line Bulkhead.	None ✓						
Stiffeners and Spacing.....							
Plating, thickness of							
STRINGERS AND DECKS.							
Uppermost Continuous Deck.							
Stringer Plate, breadth and thickness in Wells	83 1/2 x 5/8		Approved 83 1/2 x .65 ✓		None ✓		
" " " " in way of Bridge	83 1/2 x 3/8		Approved 83 1/2 x .35 ✓				
" Angle in Wells	6 x 6 x 5/8		Approved 6"x6"x.65 ✓				
Thickness of Plating abreast Deck openings in way of Wells	5/8		Approved .65 ✓				
Thickness of Plating abreast Deck openings in way of Bridge	5/16		Approved .30 ✓				
Thickness of Plating within line of openings...	5/16 & 11/32		Approved .30 & .35 ✓				
If Sheathed, material and thickness	No sheathing						
Second Deck.							
Stringer Plate, breadth and thickness in Wells...	None ✓						
Stringer Plate, breadth and thickness in way of Bridge							
Thickness of Plating abreast Deck openings in way of Wells							
Thickness of Plating abreast Deck openings in way of Bridge							
Thickness of Plating within line of openings...							
If Sheathed, material and thickness							
Third Deck.							
Stringer Plate, breadth and thickness.....							
If Plated, state thickness.....							
Fourth Deck.							
Stringer Plate, breadth and thickness.....							
If Plated, state thickness							
Poop Deck.							
Stringer Plate, breadth and thickness	11/32		Approved .35 ✓				
Plating, Sheathing, material and thickness }	5/16 & 11/32		.25 & .30				
Bridge Deck.							
Stringer Plate, breadth and thickness.....	65 1/2 x 5/8 x 3/8		.60 & .40				
Plating, Sheathing, material and thickness }	11/32		.35				
Forecastle Deck.							
Stringer Plate, breadth and thickness.....	11/32		.35 ✓				
Plating, Sheathing, material and thickness }	5/16 & 3/8		.30 & .40				

SHELL PLATING.

SCANTLINGS.						RIVETING.					
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.		BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		State if jogged?		RIVETS.		STRAPPED OR LAPPED.	
	Breadth.	Thickness.	Thickness.	Thickness.		SINGLE OR DOUBLE.	RIVETS.	No. of Rows of Rivets.	RIVETS.		
	Inches.	Inches.	Inches.	Inches.			Diam.	Spacing cr. to cr.	Diam.	Spacing cr. to cr.	
FLAT PLATE KEEL	46 1/2	5/8	5/8	5/8	Approved .65 .59 .59	Double	7/8	3 3/4	3 rows	7/8	3 1/8 Lapped
" DBLG. (if any)	None								None		
BOTTOM PLATING, No. of Strakes	3	1/2	9/16	7/16 & 1/2	.50 .55 .50	Double	3/4	3	3 rows	3/4	2 5/8
BILGE PLATING, No. of Strakes	1	1/2	7/16	7/16 & 1/2	.50 .42 .50	"	3/4	3	"	3/4	2 5/8
SIDE PLATING, No. of Strakes	2	1/2	3/8	3/8 & 5/8	.50 .40 .50	"	3/4	3	"	3/4	2 5/8
UPPER DECK, Sheer-strake in Wells.....			9/16 & 5/8	9/16 & 5/8	.55 & .55	-	-	-	4 rows and 3 rows	1 & 7/8	4 & 3/2
UPPER DECK, Sheer-strake in Bridge ...	65	1/2			.65 .65	-	-	-	4 rows and 3 rows	1	4
STRAKE BELOW Sheer-strake in Wells.....			9/16 & 1/2	7/16 to 9/16	.55 & .50 .45 to .55	Double	7/8	3 3/4	3 rows	7/8	3 1/8
STRAKE BELOW Sheer-strake in Bridge ...		1/2 & 9/16			.50 & .55	"	3/4	3	"	7/8 & 3/4	3 1/8
POOP SIDE PLATING				11/32	.35 & .33	Single	3/4	3	1 row	3/4	2 5/8
BRIDGE SIDE PLATING ...		7/16 & 1/2			.45 & .50	"	3/4	3	3 rows	3/4	2 5/8
FORECASTLE SIDE PLATING			3/8		.38	-	-	-			

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—	
Extending to Upper Deck (Sec. 3 c)	5 ✓
" Deck next below	✓
As per Rule	5

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar	Flat Plate Keel			
STEM	Rolled 8 1/4 x 2 1/4			
STERN FRAME	Propeller Post	Castings 9 1/4 x 6	Canadian Car and Foundry Co. Ltd.	
	Rudder	" 9 1/4 x 6	"	
RUDDER—A x D	270.6			
Speed of Vessel	10 knots			
RUDDER mainpiece at head ...	Forging 8 1/2" dia	Canadian Car and Foundry Co. Ltd.		
" " heel ...	" 6 1/2"	"		
" how constructed	Forged arms shrunk & keyed			
" double or single plate	Single 1" thick			
" coupling, vertical or horizontal	Horizontal 6-2 1/2" dia. fitted bolts			

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKHEAD, Upper tween decks					
" " Second "	None				
" " Third "					
" " Holds	7/16 to 1/4	10 x 3 1/2 x .525	2'0" to 2'9"	None	
COLLISION	(in Hold)	5 x 3 x 3/8 L	2'0"	2 Horiz. Str. 5'0"	
AFTER PEAK		5 x 3 x 5/16 L	1'0"	1 Horiz. 6'0"	
	5/16	7 x 3 1/2 x .325	2'2"	Slider 11/32"	

STEEL.	Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) Open Hearth.
	Bethlehem Steel Co., The Phoenix Iron Co., W.S. Export Co., Steel Company of Canada Ltd., Dominion Steel & Coal Corp., Romionion Foundries & Steel Btd., Algoma Steel Corp.
	Has the Steel been tested as required by the Rules? Yes ✓

EQUIPMENT No. 23209 ✓										LETTER u ✓	ANCHORS.
Number of Certificate.	Anchors.	WEIGHT, EX. STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.			Where and when tested and Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	
2429	1st Bower ...	48	2	14	Stockless			Statutory tests not made in accordance with S. Regs. No. 14			Sorel, P. Q. 30 th March, 1944. H. G. L. Pidditch
2428	2nd " ...	47	3	16							
	3rd " ...										
	Collective weight.										
2430	Stream	14	2	1	Stockless			12 (ex stock) Last steel stockless			- do -

CHAIN CABLES.										15 (stockless)	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.	Statutory.	Breaking.	Supplied.		Per Rule.	Length.	Diam.	Length.					Cir.	Fathoms.		Ins.	Tons.
1946	225	1 15/16	67 5/10	94 5/10	457	3	15	511 1/2	270	1 15/16	S.L.	Baldt Anchor Chain & Forge Co.	Chester, Pa. 10th January, 1944 J. R. Helms	TOWLINE...	100	4 3/8 6/12	43.4	100	4
														HAWSERS & WARPS	2 @ 90	2 3/8 6/12	12.8	2 @ 90	2 1/4
														"	2 @ 90	2 1/2 6/12	15	2 @ 90	2 1/2
Iron Stream Chain or Steel Wire	90	4 3/8 6/12	✓	✓	43.4	✓			90	4 1/4	S.L.	Baldt J.S.W.R.							

Steering Gear, Steam 8"x8" Wilson Birnie type by Stephens-Adamson mfg. Co. ✓ Steering Gear, Hand Wires and blocks to warping winch on poop.

Boats 1 @ 26'6" x 8'5" x 3'5' (motor driven) Steering Chains, Size and Test none (Telemotor control) Windlass 9 1/2"x11" by Stephens Adamson mfg. Co.

Ceiling in Holds, thickness and material (over bilges only) 2 1/2" spruce Cargo Battens, thickness, material and spacing 6"x2" spruce spaced about 9"

Cargo Hatchways.—(Upper Deck) 31 1/2" steel coamings Thickness of Hatches 2 1/2" spruce

Size of No. 1 Hatchway (Forward) 32' x 22' No. 2 34' x 24' No. 3 24' x 8' No. 4 34' x 24' No. 5 32' x 22' No. 6

Number of Shifting Beams and Fore and Afters No. 1-5, No. 2-6, No. 3A-1, No. 3-6, No. 4-5

For St. John Dry Dock & Shipbuilding Co. Ltd.
Builder's Signature *[Signature]* General Superintendent

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 conformity with Societys Rules and Regulations and the Secretary's Letters.

The scantlings and arrangements are in accordance with or equivalent to those shown on the approved plans.

Materials and workmanship are of good quality.

The Double Bottom Tanks, Fore and Aft Peak Tanks, have been tested to the Rule Requirements and the W. I. Bulkheads and Weather Decks have been hose tested with satisfactory results.

The steering gear, auxiliary steering gear, anchors and cables and windlass have been tested and found satisfactory.

The Load Line markings have been verified and cut in on vessel's sides.

Note: The anchor and cable equipment is in accordance with Emergency Requirements.

The anchors have not been subject to statutory tests (See Certificates). It is recommended that this be done at end of present emergency.

The amount of Entry Fee £ : : Fees applied for, Sept. 13, 1944

Special Survey Fee... £ : : Received by me, 19

Load Line Certificate Travelling Expenses, if any £ \$ 53.00

Owners Representation \$ 1000.00

I am of opinion the Vessel should be Classed **✱ 100 A1**

State whether the Vessel has been built under Special Survey yes Signature *[Signature]* Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to New York Date of issue 12/10/44

Committee's Minute
Character assigned

TUES. 10 OCT 1944

+100A1
+LMC 9.44 20. CL

Wise, S. J.
[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.)

Vessel is a sister ship to Yard Nos. 14, 15, 16 and 17. S.S. "Rockwood Park", "Hartmouth Park", "Lawrence Park" and "Jaronga Park", Saint John Report Nos. 313, 364, 546 and 605.

Plan of midship section as built enclosed.

Forging and casting certificates attached.

Electric Welding: Ventilator coamings to deck plating, deck fittings, tank margin plate to shell, peak stringer plates to shell, Fore Peak Tank top stringer plate to shell, tunnel plating to tank top. Upper dk. stringer plate to shell in Poop & Forecastle, Busset plates to tank top, aff. Pl. Bhd. (Tr. 2) to shell and deck.

Notations: Cruiser Stern D.F. L.A. & C.P.

Overall Length (Linc. 1703) - 328'-0"

The substituted plate thicknesses and sections noted as a departure from the approved plans have been approved by the New York office as a war emergency measure to suit the limited rollings permitted during the emergency.

		Cwts.	Qrs.	Lbs.
Separate dropped weights of 1 st Bower Anchor:				
	Head	31	-	1 - 0 ✓
	Shank & Shackle	14	-	2 - 12
	Pin	2	-	3 - 2
2 nd " "				
	Head	30	-	1 - 12 ✓
	Shank & Shackle	14	-	3 - 2
	Pin	2	-	3 - 2
Stream Anchor				
	Head	7	-	3 - 27 ✓✓
	Shank & Shackle	5	-	1 - 12
	Pin	1	-	0 - 18

Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower	48 - 2 - 14	H.G.L.P.	2429	30 th March, 1944.
	2nd "	47 - 3 - 16	H.G.L.P.	2428	30 th March, 1944.
	Stream Anchor	14 - 2 - 1	H.G.L.P.	2430	30 th March, 1944.
	" "				

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 33 ft., R.Q.D. ft., Bridge 82 ft., Forecastle 34 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) 1 deck - steel

Official No. 175583 : Signal Letters V G V L ± Bottom of Vessel coated with cement in E & B Tanks if not give particulars of composition remainder of Bottom - cement fillets in way of seams & laps. Bottom in Fore and Aft Peak Tanks cemented.

PARTICULARS OF WATER BALLAST.—

Where Fitted.	Length.	Water Capacity.	Where Fitted.	Length.	Water Capacity.
Double bottom, aft,	106	228	Fore peak tank,	✓	59
Double bottom, under Engines and Boilers,	-	-	After peak tank,	✓	109
Double bottom, if under Engines only,	20	64	Deep tank, aft,		
Double bottom, if under Boilers only,	18	-	Deep tank, forward,		
Double bottom, forward,	126	341	Other tanks, if fitted,		
Total Length of D.B.		633	(If necessary, furnish further information by sketch.)		
Total Length of D.B.		270'-0"	* The wells are not to be included in the lengths of the tanks.		

Order for Special Survey No. 213

Date May 20th, 1943.

Dates of Surveys held while building

1943: Sept. 2, 9, 25; Oct. 1, 21; Nov. 12, 20, 23, 27; Dec. 2, 8, 11, 20, 23; 1944: Jan. 4, 18, 19, 27, 28, 31; Feb. 1, 8, 12, 18, 22, 26; March 1, 10, 17, 22, 29; April 1, 5, 8, 13, 15, 22, 28; May 3, 8, 12, 16, 19, 26, 30; June 5, 8, 30; July 6, 7, 12, 17, 20, 25, 26; August 4, 14, 16, 18, 21, 22, 23, 25, 30; Sept. 1, 5, 7.

Total No. of Visits 69.