

RECEIVED

4 JUN 1946

IN DO.

STEEL STEAMER ~~III~~ MOTORSHIP.

Received at London Office.

1 - JUN 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 (Now).

88354

Date of completion of report 27th March, 1946 Port of Vancouver, B. C. No. 6859
 Survey held at North Vancouver, B. C. Date First Survey 20th Sept., 1945 Last Survey 18th March, 1946

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) Steel Single Screw Steamer "OTTAWA PARADE". (Machinery Aft)
 State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) C.S.S. with tonnage opening. State Type of Erections S.S. Deck.
 Forecastle on Vancouver, B. C. and North Vancouver, B. C.

TONNAGE under Tonnage Deck... 636.16

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

Total

Gross Tonnage 909.11

Register Tonnage 424.14

REGISTERED DIMENSIONS.

Length 214.1

Breadth 36.7

Depth 11.45

CLASS * 100 A 1 with freeboard. State if with freeboard as condition of Class Yes

Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) 210.0

Breadth (greatest moulded) 36.5

Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) 21.58

1st Longitudinal Number (L x D) 4532

2nd Numeral L x (B + D) 12197

Framing Depth "d," at middle of length. See Sec. 3 (1d) 11.38

Proportions—Depth to Length—Uppermost continuous deck to top of keel 9.7

Do. Long Bridge to top of keel

Draught Moulded 13'-11 5/16"

Built at North Vancouver, B. C.

Launched 8th Jan., 1946. Yard No. 247.

Builders Burrard Drydock Co. Ltd.

Owners Canadian Government

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

Residence Ottawa

Port of Registry

If surveyed while building, afloat, or in dry dock

Building, afloat and in drydock.

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	24	✓	Bracket Floors, Frame B.A.	6 x 3 1/2 x .28	✓
" " from 3/4 length amidships to Collision bulkhead	24	✓	" " Reversed Frame O.A.	4 x 3 x .31	✓
" " in peaks	24	✓	" " Vertical Struts	None	✓
SIDE FRAMING.			Centre Girder, depth and thickness amidships	33 x .40	✓
Frame Amidships, Angle E or F	6 x 3 1/2 x .28	✓	" " top Angles centre girder welded		✓
" " Extends up to upper & 2nd dks. alternately.		✓	" " bottom Angles top and bottom.		✓
Reversed Frame Amidships, Angle	- - -		Side Girders, No. each side and thickness	One @ .31	✓
" " Extends up to	- - -		Margin Plate depth (excl. of flange) and thickness	28-3/8 x .38	✓
Depth of Framing Girder	6	✓	" " Vertical Angle to Tank side Bracket abaft 1/4 len. from stem	Welded	✓
Frames in Uppermost Continuous 'tween Decks, Angle E or F	6 x 3 1/2 x .28	✓	" " Vertical Angle to Tank side Bracket from forward 1/4 len. from stem to Panting Area	Welded	✓
" " Second 'tween Decks, Angle, E or F	- - -		" " Gussets, spacing and scantling abaft 1/4 len. from stem	9" x 3/8	✓
" " Third " " " "	- - -		" " Gussets, spacing and scantling from forward 1/4 len. from stem to Panting Area	on alt. frs. ✓	
" " from 1/2 len. for'd. to 15% len. from Stem B.A.	6 x 3 1/2 x .28	✓	" " Tank top carried to shell	31 x .31	✓
" " in Peaks, Angle or F	6 x 3 1/2 x .28	✓	Tank Side Brackets, height above base line at toe of Frame and thickness		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	3/4" @ 7 dias.	✓	INNER BOTTOM PLATING.		
State if Frame Joggled	No	✓	Breadth and thickness of Middle Line Strake	48 x .38	✓
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	Yes	✓	Thickness of remainder in Holds	.38	✓
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or 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?	As approved	✓
SINGLE BOTTOM. in Engine Room.			BEAMS.		
Floors, Depth and thickness at mid-line in Holds Engine Room	37" x .44	✓	Uppermost Continuous Deck, amidships in-Wells, Angle E or F	5 x 3 x .38	✓
Height of Brackets at side above base line at toe of frame	-		" " in way of Bridge, Angle, E or F	- - -	
Middle Line Keelson, on Floors, Angles, E or F	-		Spacing	24"	✓
" " Through-Plate on Intercoastal Plate	37" x .38	✓	Half Beams		
" " Foundation Plate on Floors	7/8" & 1"	✓	Second Deck, amidships, Angle E or F B.A.	6 x 3 1/2 x .38	✓
" " Flat-Plate Keel Angles	welded to Keel	✓	Full Beams	6 x 3 1/2 x .28	✓
Girder			Spacing	24"	✓
Side Keelsons, No. each side	One	✓	Third Deck, amidships, Angle, E or F		
" " thickness of Intercoastal Plate	.50"	✓	Spacing		
" " Angles	welded to Floors	✓	Fourth Deck, amidships, Angle, E or F		
DOUBLE BOTTOM.			Spacing		
Solid Floors, thickness and spacing	.31 @ 48	✓	Poop Deck, Angle, E or F		
" " Are Frames and Reversed Frame joggled?	No	✓	Spacing		
Bracket Floors, breadth and thickness at middle line	15 x .31	✓	Bridge Deck, Angle, E or F		
" " breadth and thickness at margin plate	24 x .31	✓	Spacing		
			Forecastle Deck, Angle, E or F		
			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.
PILLARS, No. of Rows.....	2	✓	Stringer Plate, breadth and thickness in way of Bridge	- - -	
" in 'tween Decks, Size and Spacing.....	6-5/8 dia. x .43	✓	Thickness of Plating abreast Deck openings in way of Wells29	✓
" " " " " "	28' max.	✓	Thickness of Plating abreast Deck openings in way of Bridge	- - -	
" in Holds " " " "	10 1/2 dia. x .50	✓	Thickness of Plating within line of openings..	.29	✓
" " " " " "	28' max.	✓	If Sheathed, material and thickness.....	No sheathing.	✓
Centre Line Bulkhead.			Third Deck.		
Stiffeners and Spacing.....	None	✓	Stringer Plate, breadth and thickness.....		
Plating, thickness of.....	- - -		If Plated, state thickness.....		
STRINGERS AND DECKS.			Fourth Deck.		
Uppermost Continuous Deck.			Stringer Plate, breadth and thickness.....		
Stringer Plate, breadth and thickness in Wells	65 x .34	✓	If plated, state thickness.....		
" " " " in way of Bridge	- - -		Poop Deck.		
" Angle in Wells.....	3 1/2 x 3 1/2 x .38	✓	Stringer Plate, breadth and thickness.....		
Thickness of Plating abreast Deck openings in way of Wells32	✓	Plating, Sheathing, material and thickness.....		
Thickness of Plating abreast Deck openings in way of Bridge	- - -		Bridge Deck.		
Thickness of Plating within line of openings..	.29	✓	Stringer Plate, breadth and thickness.....		
If Sheathed, material and thickness	B.C. Fir 2 1/2	✓	Plating, Sheathing, material and thickness.....		
Second Deck.			Forecastle Deck.		
Stringer Plate, breadth and thickness in Wells	64 1/2 x .31	✓	Stringer Plate, breadth and thickness.....	.29	✓
			Plating, Sheathing, material and thickness.....	.29	✓
			No sheathing.		✓

SCANTLINGS.					RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. State if joggled? <u>side shell only.</u>						
	AMIDSHIPS.		FORWARD.			SINGLE OR DOUBLE.	RIVETS.		No. of Rows of RIVETS	BUTTS.		STRAIPPED OR LAPPED.
	Breadth.	Thickness.	Thickness.	Aft.			Diam.	Spacing cr. to cr.		Diam.	Spacing cr. to cr.	
	Inches.	Inches.	Inches.	Inches.		Inches.	Inches.		Inches.	Inches.		
FLAT PLATE KEEL	45	.50	.50	.50		Double	3/4	3	Butts welded			
" DBLG. (if any)	-	-	-	-								
BOTTOM PLATING, No. of of Strakes 2		.40	.38	.38		Double	3/4	3	Butts welded			
BILGE PLATING, No. of Strakes 1		.40	.38	.38		"	"	"	"	"		
SIDE PLATING, No. of Strakes 2		.38	.38	.38		"	"	"	"	"		
UPPER DECK, Sheer- strake <u>in-Wale</u>	66	.44	.38	.38		"	"	"	"	"		
UPPER DECK, Sheer- strake in Bridge.....	-	-	-	-		Seams of keel, "A", "C" & "D" Strakes welded in way of fore peak tank, Port & Starboard, also in way of after Peak Tank.						
STRAKE BELOW Sheer- strake <u>in-Wale</u>	66	.40	.38	.38		Double	3/4	3	Butts welded			
STRAKE BELOW Sheer- strake in Bridge	-	-	-	-								
POOP SIDE PLATING	-	-	-	-								
BRIDGE SIDE PLATING.....	-	-	-	-								
FOREC'TLE SIDE PLATING	-	-	.30	-		Single	3/4	3	Butts welded			

Total No. of W.T. BULKHEADS in Vessel— 4 BH. (2 on Wk, 3 on 2nd dle)

Extending to Upper Deck (Sec. 3 c)	two - frs. 93 & 96 ✓
" Deck next below	three - frs. 6, 32 & 69.
As per Rule	three.

	Casting or Forging.	Ins.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to Be Noted.
KEEL, Bar	Flat plate		✓		
STEM	{ Rolled Bar	7x1 $\frac{1}{2}$	✓		
STERN FRAME {	Propeller Post	C.S. 6 $\frac{1}{2}$ x5 $\frac{1}{2}$	✓	Van.	Eng. Works.
	Rudder "	" 6 $\frac{1}{2}$ x5 $\frac{1}{2}$	✓		
Speed of Vessel		10 $\frac{1}{2}$ knots.			
RUDDER—Type	Streamline	made by Van.			
" A X D	162.5	✓		Eng. Wks.	
" Diam. of head	6 $\frac{1}{2}$	✓			
" Mainpiece at top pintle	5 $\frac{1}{2}$ x6 $\frac{1}{2}$	✓			
" " heel	5 $\frac{1}{2}$ x3 $\frac{1}{2}$	✓			
" how constructed	Built and rivetted.				
" double or single plate coupling, vertical or horizontal	Double	.45"			
	Vertical	- 6-2 $\frac{3}{8}$ dia.	✓		bolts.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) Open Hearth
The Steel Co. of Canada Ltd., Dominion Foundries & Steel Ltd., U.S. Steel, Algoma Steel Products
Co. Ltd., Manitoba Rolling Mills Co. Ltd.
 Has the Steel been tested as required by the Rules? Yes (Partly by American Bureau).

Number of Certificate.	Anchors.	Weight, Ex. Stock.		Weight of Stock.		Test, Per Certificate.		Weight of Stock on Day Specified.	Description of Anchor.	Makers.	Where and when tested and Superintendent.
		Gross. lbs.	Net. lbs.	Gross. lbs.	Net. lbs.	Gross. lbs.	Net. lbs.				
F-18078	1st Bower.....	2761	1bs.	-	-	55,440	lbs.	25 1/2		Westland	
F-18076	2nd "	2759	1bs.	-	-	55,440	lbs.	25 1/2	"Baldt"	Iron & Steel	Vancouver, B.C.
F-18079	3rd "	2756	1bs.	-	-	55,440	lbs.	25 1/2	Type	Foundries,	24-9-45
	Collective Weight.	8276	1bs.					76 1/2	Stockless	Ltd.,	L.B. Hampton.
F-18077	Stream	911	1bs.	-	-	23,184	lbs.	8 (specified)		Vancouver, B.C.	

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.	Statu- tory.	Break- ing.	Supplied.	Per Rule.	Length.	Diam.					Length.	Cir.		Length.	Cir.
F-16887	212	1 1/2	✓	✓	27590 lbs.	27104 lbs.	210	1 1/2	H.T. Electro-Weld Steel Metal Stud Products Ltd.	Vancouver, B.C.	13-9-45	TOWLINE	90	3 1/2	21.7	90	3 1/2
			✓	✓					Link Vancouver, B.C.		H. J. Rees.	HAWSEBS & WARPS	90	6	-	90	6
			✓	✓									90	5	-	90	5
down Stream 42 lbs. 100 ft. Steel Wire	75	3 1/2	✓	✓	25.7		75	3 1/2	FSWR	6 x 12							

Steering Chains (Size and Test) ----- Windlass Steam 9" x 10" ✓ Boats 4 @ 24.2'x8.2'x3.4' ✓
(one being motor)

Cargo Hatchways.—(Upper Deck)..... Steel plates and angles..... Thickness of Hatches..... 2½" B.C. Fir. ✓

Size of Hatchways No. 1 (Fwd.) 28'0" x 14'0" No. 2 52'0" x 14'0" No. 3 4'6" x 14'0" No. 4 -- No. 5 -- No. 6 --

Number of Shifting Beams) No. 1 - 5. No. 2 - 10. ✓
and/or Fore and Afters)

Burrard Dry Dock Company, Limited

Lee Wilson
President

GENERAL 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. **Yes**
(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).

This ship has been constructed in conformity with the Society's 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.

The materials and workmanship are of good quality.✓
The double bottom, cofferdam, peaks, auxiliary ballast, feed, fresh water and O.F. settling tanks, decks, bulkheads, watertight ship's side doors, steering gear and windlass have been tested as required by the Rules and found satisfactory.✓

The freeboards assigned by the Committee have been marked on the ship's sides, verified, cut in and painted. ✓

Oil is carried as fuel in the double bottom tanks (except in way of No. 1 D.B. tank) and in 2 settling tanks, situated at fore end of boiler room. The flash point of the oil is not lower than 150° F. and Section 20 of the Rules has been complied with.

The ship has also been surveyed during construction on behalf of the Minister of Munitions and Supply of Canada in accordance with the Hull Specification requirements which have been satisfactorily carried out.

The amount of Entry Fee	\$ 15.00	:	Fees applied for, <i>arr.</i> 4 Mar., 1946 <i>PL</i>
Load Line Fee	\$ 40.00	:	
Special Survey Fee.....	\$400.00	:	
Travelling Expense, if any	\$ 45.00	:	Received by me, _____ 19____ ✓
Owner's Rep.	\$600.00	:	

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

I am of opinion the Vessel should be Classed * 100 A 1 with
freeboard, fitted for oil fuel 3,46 F.P.
above 150° F.

Signature..... R. L. Scott.
Surveyor to Lloyd's Register of Shipping.

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

Certificate to be sent to Verma, YK Date of issue 26/7/46

Committee's Minute

Character assigned

FRI. 14 JUN 1946

+100A1 "with foreboard"

3.46 Ver. Fitted for oil fuel 3.46 F.P. above 150° F

Lloyd's A. C. P.

machy. aft

+LMC 346

F.D. 0.9

The Surveyors are requested not to write on or

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Foundation

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.)

This ship is the third of the "B" Type Coasters built by Burrard Drydock Co. Ltd., Vancouver, B. C., to the order of the Minister of Munitions & Supply of Canada and is a sistership to the Burrard Drydock Co. Ltd.'s Hull No. 243, S.S. "OTTAWA PAGE" (Ver. Report No. 6803).

The approved plans have been retained here for dealing with sisterships building and to be built. Blue print of midship section plan (as built) forwarded herewith.

Interim Certificate issued - copy attached.

A copy of each of the following certificates attached hereto:—

Certificate No. F-18346 for cast steel stern frame.

Certificate No. F-18252 for rudder.

Certificate No. F-18433 for steam steering engine, quadrant and tiller.

Certificate No. F-10012 for windlass.

Certificates Nos. F-15984, F-16059, F-17843, F-17844, F-17845 & F-17883 for winches.

Certificate No. 509 for capstan.

PARTICULARS OF ELECTRIC WELDING (if employed) Butts of keel, Tank Top, Tank Margin, W.T.Bhds., all Decks & shell plating, cargo hatch coamings, casings and Deckhouses. Seams keel, "A", "C" & "D" strakes in way of Aft & Fore Peak Tanks, Tank Top, W.T.Bhds., Oil Settling Tanks, casings and Deckhouses; Stiffeners on W.T.Bhds., Oil Settling Tanks, inside chain locker, casings and Deckhouses; W.T.Bhds. to Tank Top, shell and decks; Oil Settling Tank ends to side frames; All structure inside Double Bottom Tanks (excluding frames to shell). Tank side brackets to Tank Margin; Gusset plates to Tank Margin & Side Brackets; Main and Auxiliary Engine Seatings; upper and 2nd Dk. girders to decks; Tripping Brackets to Deck Girders and Beams; Heads and Heels of Hold & 'Tween Dk. pillars; Ventilator coamings to decks; Deckhouses to deck; Masts and derrick posts; Deck fittings and Minor items.

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book Part welded, machinery aft, cruiser stern.

Fitted for oil fuel - F.P. above 150° F.

Particulars of Drop Test of Cast Steel Anchors, viz:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower	2038 lbs. N.N.	F-18339	20-9-45	608 lbs. N.N.	F-18339	13-9-45
	2nd "	2031 lbs. N.N.	F-18299	13-9-45	613 lbs. N.N.	F-18299	20-9-45
	3rd "	2029 lbs. N.N.	F-18340	20-9-45	612 lbs. N.N.	F-18340	20-9-45
	Stream	636 lbs. N.N.	F-18300	13-9-45	250 lbs. N.N.	F-18300	6-9-45

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop — ft., R.Q.D. — ft., Bridge — ft., Forecastle 29.9 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 37.9 ft. (Circ. 1611) Over-all Length 224.2 ft. (Circ. 1703)

No. and Material of Decks 1 Dk. & Sh. Dk. Steel. Exposed upper deck sheathed with 2½" B.C. Fir.

Parts of Bottom of Vessel coated with cement or approved composition. Bottom of ship not coated in Nos. 2 & 3 D.B. Tanks & in No. 4 D.B. Tank under Boilers where Oil Fuel is carried. No. 1 D.B. Tank, F.W. Tank frs. 93-96 & Hold Bilges coated with "Farbertite"; cement in after and fore peak Tanks.

Particulars of composition (if fitted) and of approval "Farbertite".

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.)

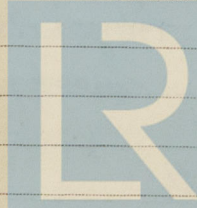
Where Fitted.	Length. Feet.	Water Capacity. S.W. Tons.	Where Fitted.	Length. Feet.	Water Capacity. S.W. Tons.
Double bottom, aft,	—	—	Fore peak tank,	—	37
Double bottom, under Engines and Boilers,	—	—	After peak tank,	—	24
Double bottom, if under Engines only, Cofferdam	2.0	—	Deep tank, aft,	—	—
Double bottom, if under Boilers only, No. 4	20.0	20.0	Deep tank, forward,	—	—
Double bottom, forward, Nos. 1, 2 & 3	122.0	240.4	Other tanks, if fitted, F.W. tanks (upper & lower)	6	77
Total length (if continuous) and Capacity	144.0	260.4	Frs. 93 & 96. (If necessary, furnish further information by sketch.)		

Order for Special Survey No. 124

Date 19 - 3 - 45

Dates of Surveys held while building

Constant attendance from 20th Sept., 1945 to 18th March, 1946 for Classification and Owners' Representation.



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Total No. of Visits