

# STEEL STEAMER ~~or~~ MOTORSHIP.

Received at London Office

**DISCLOSED  
SECTION**

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 December, 1943

Port of Vancouver, B.C.

No. 6062

Survey held at Vancouver and North Vancouver, B.C.

Date First Survey 22nd July, 1943

Last Survey 8th December

1943

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

Steel Single Screw Steamer. " F O R T      S T . C R O I X "

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

C.S.S. with T.O. closed

### State Type of Erections

TONNAGE under } 6707.24  
Tonnage Deck.... }

CLASS \*100 A.1 with State if with freeboard } **Yes**  
Freeboard corresponding condition of Class }  
to a summer Mld.Dft.of 26'-10" FEET.

Built at Vancouver, and North Vancouver, B.C.

Launched 29th Sept, 1943 Yard No. 193

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 416.00

*Builders* Burrard (Vancouver) Dry Dock Co. Ltd

[illegible]

Depth, at middle of length from top of keel to top)

Owners Minister of Munitions and Supply  
of Canada.

Gross Tonnage.....7160.44

depth to 2nd Deck-28.58'..... 15529  
1st Longitudinal Number (L x D).....

Managers United Baltic Corporation, Ltd.,  
(Where necessary to be entered in Reg. Book.)

Residence London

**REGISTERED DIMENSIONS.**  
FEET.

Framing Depth "d," at middle of length. See } 25.00  
Sec. 3 (1d) .....

Port of Registry.

*If surveyed while building, afloat, or in dry dock.*

Length ..... 424.61

Do. Long Bridge to top of keel { .....

Building and afloat.

Breadth ..... 57.21

**Draught Moulded** ..... 26.86

Depth 34.91

## 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.
<b>FRAMES, Spacing amidships</b> .....	30 ✓		<b>Bracket Floors, Frame</b> .....	- - -	
" " from 3/8 length amidships to } Collision bulkhead.....}	27 ✓		" " Reversed Frame .....	- - -	
" " in peaks .....	24 ✓		" " Vertical Struts .....	- - -	
<b>SIDE FRAMING.</b>			<b>Centre Girder, depth and thickness amidships</b>	43 1/2 x .56 ✓	
Frame Amidships, Angle, [ or ]	12x 4x 4x .47 ✓		" " top Angles .....	3 1/2 3 1/2 .44 ✓	
" " Extends up to.....	2nd Deck		" " bottom Angles .....	4 4 1/2 ✓	
<b>Intern. Forward</b> <b>Reversed Frame Amidships, Angle</b> .....	6 4 1/2		<b>Side Girders, (No. each side and thickness</b> .....	One	
<b>For Ice Stiffening</b>	(Toe to Shell)		<b>(B.As top &amp; Bottom</b>	6 3 1/2 .44 ✓	
" " Extends up to.....	- - -		<b>Margin Plate</b> depth (excl. of flange) and	40 1/2 x .56 ✓	
<b>Depth of Framing Girder</b> .....	12		" " <del>Vertical Angle</del> to Tank side		
<b>Frames in Uppermost Continuous 'tween</b>	6 3 1/2 1/2 ✓		Bracket abaft 1/4 len. from		
<b>Decks, Angle [ or ]</b> .....			stem .....	Welded ✓	
" " <b>Second 'tween Decks, Angle, [ or ]</b>	- - -		" " <del>Vertical Angle</del> to Tank side		
" " <b>No. 1 Hold</b> .....	10x 3 1/2 x 3 1/2 x .425 ✓		Bracket from forward 1/4 len.		
" " <b>Third</b> " " " " " "	WITH STRENGTHENING AS APPROVED		from stem to Panting Area		
" " <b>No. 2 Hold</b>	12x 4x 4x .59 ✓		Gussets, spacing and scantling	10 1/2 x 3/8 (Fl. 2") ✓	
from 1/2 len. for'd. to 15% len. from	-		abaft 1/4 len. from stem	Continuous ✓	
Stem .....			" " Gussets, spacing and scantling	17x 3/8 (Fl. 2") ✓	
" " in Peaks, Angle or [	8 3 1/2 .34 ✓		from forward 1/4 len. from	Continuous ✓	
<b>Diameter and Spacing of Rivets through Frame</b>	7/8 @ 6 1/2 Dias. ✓		from Panting Area		
and Shell Plating amidships .....			<b>Tank Side Brackets, height above base line</b>	104 1/4 x .44 ✓	
<b>State if Frame Joggled</b> .....	No ✓		at toe of Frame and thickness		
Are the scantlings and arrangements in the			<b>INNER BOTTOM PLATING.</b>		
<b>Panting Area</b> in accordance with the Rules	Yes ✓		Breadth and thickness of Middle Line Strake.....	88 x 1/2 ✓	
and/or as approved? .....			Thickness of remainder in Holds .....	.44 ✓	
Are the scantlings and arrangements in way of the			Are Rule requirements complied with regarding		
<b>Bottom Forward</b> in accordance with the Rules	Yes ✓		increases of scantlings in way of double	Yes ✓	
and/or as approved? .....			bottom in E. & B. space and framing in		
<b>SINGLE BOTTOM.</b>			<del>Boiler Room?</del> .....		
<b>Floors, Depth and thickness at mid-line in</b>			<b>BEAMS.</b>		
Holds .....			<b>Uppermost Continuous Deck, amidships</b>	8 3 1/2 .46 ✓	
Height of Brackets at side above base			" " <del>in Wells, Angle [ or ]</del>		
line at toe of frame .....			" " in way of Bridge, Angle, [ or ]	- - -	
<b>Middle Line Keelson, on Floors, Angles,</b>			Spacing .....	Ev. Fr. 9x 3 1/2 .44 ✓	
<b>[ or ]</b> .....			<b>Second Deck, amidships, Angle, [ or ]</b>	12x 4x 4x .467 ✓	
" " Through Plate or			Spacing .....	Ev. Fr.	
Intercoastal Plate....			<b>Third Deck, amidships, Angle, [ or ]</b>		
" " Foundation Plate on			Spacing .....		
Floors .....			<b>Fourth Deck, amidships, Angle, [ or ]</b>		
" " Flat Plate Keel Angles			Spacing .....		
<b>Side Keelsons, No. each side</b> .....			<b>Fifth Deck, amidships, Angle, [ or ]</b>		
" " thickness of Intercoastal Plate....			Spacing .....		
" " Angles .....			<b>Poop Deck, Angle, [ or ]</b>		
<b>DOUBLE BOTTOM.</b>			Spacing .....		
<b>Solid Floors, thickness and spacing</b> .....	3/8 Ev. Fr. ✓		<b>Bridge Deck, Angle, [ or ]</b>		
" " Are Frame and Reversed Frame	Cut at seams. ✓		Spacing .....		
joggled? .....			<b>Forecastle Deck, Angle, [ or ]</b>		
<b>Bracket Floors, breadth and thickness at</b>	- - -		Spacing .....		
middle line .....					
" " breadth and thickness at	- - -				
margin plate .....					







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 seventh of the "Victory" type ships to be built by Burrard (Vancouver) Dry Dock Company Limited, to the order of the Minister of Munitions and Supply of Canada, and is a sistership to their Hull No. 181 - S.S. "FORT YUKON" (Ver. Rpt. No. 5950) --See also note below. The approved plans have been retained here for dealing with sisterships building and to be built.

Blue print of Midship Section plan (finished) forwarded herewith.

Interim Certificate issued - copy attached.

Immersed main ship's side openings certificate issued - copy attached.

A copy of each of the following Certificates attached hereto:-

Certificate No. F-8468 for cast steel stern frame.

Certificate No. F-8945 for rudder.

Certificate No. F-9209 for steam steering engine, quadrant and tiller.

Certificate No. F-8568 for Windlass.

Cert. Nos. F-7926, F-7515, F-8247, F-9243, F-8132 F-7417, F-9283, F-9282, F-7414, F-8827 and F-9362 for winches

Cert. Nos. F-2540, F-2574 and F-2535 for anchors.

There are seven (7) divisional bulkheads in tween decks all watertight, having no openings except on the after bulkhead of the after magazines which have 2 openings each closed with steel hinging W.T. doors.

Note: This is the first Burrard (Vancouver) Dry Dock Company Limited "Victory" type ship where the four forward deep tanks have been omitted. In lieu of deep tanks' top the main side frames in No. 1 hold have been reinforced by one side stringer and web frame as shown on the certified copy of approved drawing No. 7439A sent with our 1st Entry Hull Report No. 6046-S.S. "BEATON PARK"

PARTICULARS OF ELECTRIC WELDING (if employed) Plate Butts and seams of 2nd deck, ~~forward deep tank top~~, O.T. hold bhd. (Trans. & cr. line); for peak bhd., tunnel and cr. line N.W.T. bhd.; Plate butts of upper deck; side and bottom shell; inner bottom tank top (part) and margin, cr. girder, hatch side girders and tw. dk. bhd.; Stiffeners O.T. hold bhd. (trans. & cr. line). tunnel and thrust recess, fore peak bhd. and tw. dk. bhd.; All connections to D.B. tanks' margin plates, W.T. floors and gusset plates; 2nd deck and ~~and~~ D.T. ~~top~~ stringer plates and D.B. tank margin plates to shell and upper dk. stringer plates to sheerstrake at ends; Hold bhd. and tunnel sides to D.B. tank top; Other items of minor importance. Electrodes complying with Section 4, paras. 1-9 of the Rules have been employed for manual welding, and the Rules for the application of Electric Arc Welding to Ship Construction have been complied with where applicable.

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book. Cruiser stern, Direction finder, Echo sounder, Wireless, Gyro compass. The double bottom and deep tanks are fitted for the carriage of oil fuel - F.P. above 150 F.

	HEAD	SHANK
Particulars of Drop Test of Cast Steel Anchors, viz:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower 5940 lbs. P.D.M. F-2540 27-7-43 2nd " 5880 lbs. P.D.M. F-2574 28-9-43 Stream 2340 lbs. P.D.M. F-2535 28-6-43	2224 lbs. P.D.M. F-2540 27-7-43 2261 lbs. P.D.M. F-2574 11-8-43 797 Lbs. P.D.M. F-2535 28-6-43

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 B.K.Y.V. Extreme Breadth over Belting no Belting Over-all Length 441.5" (Circ. 1611) (Circ. 1703)

No. and Material of Decks Two - steel

Parts of Bottom of Vessel coated with cement or approved composition Cement wash only in No. 4 double bottom tank (under engine and boiler space) and in bilges throughout, except in deep tanks carrying oil fuel which remain uncoated. Cement in peaks.

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.	Water Capacity.	Where Fitted.	Length.	Water Capacity.
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft, Nos. 5 and 6	135.	306.0	Fore peak tank,	22.	145.
Double bottom, under Engines and Boilers, No. 4.	42.5	185.0	After peak tank,	24.	160.
Double bottom, if under Engines only, C/dam	2.5	-	Deep tank, aft, of M/C Space	20.	753.
Double bottom, if under Boilers only, C/dam	2.5	-	Deep tank forward, No. 1 262 T No. 2 460 T	60.75	722
Double bottom, forward, Nos. 1, 2, and 3.	185.75	631.0	Other tanks, if fitted,	-	-
Total length (if continuous) and Capacity.	368.25	1122.0	(If necessary, furnish further information by sketch.)	-	-

Order for Special Survey No. 80  
Date 9-6-43  
Dates of Surveys held while building 1943 July 22. Aug. 24, 30. Sept. 1, 4, 7, 8, 9, 10, 11, 13, 14, 15, 16, 17, 18, 20, 21, Sept. 22, 23, 24, 25, 27, 29, 30. Oct. 23. Nov. 17, 30. Dec. 1, 2, 4, 6, 7, 8