

RECEIVED

Rpt. 1.

7 APR 1944

IN D.O.

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 19th February, 1944 Port of Vancouver, B.C. No. 6116

Survey held at North Vancouver, B.C. Date First Survey 14th Sept. 1943 Last Survey 18th February 1944

On the (State if Machinery is Aft and if Single, Twin or Three Screw) Steel Single Screw Steamer FORT WALLACE

State Type (Full Rating of Complete Superstructure with or without Tonnage Openings) C.S.S. with T.O. closed State Type of Erections

TONNAGE under Tonnage Deck... 6707.28	CLASS 100 A1 with freeboard corresponding to a summer Mid. Dpt. of 26'-10"	State if with freeboard condition of Class Yes	Built at North Vancouver, B.C.
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		Launched 13th Dec. 1943 Yard No. 200
Total - - -	Breadth (greatest moulded) B 56.88		Builders Burrard Dry Dock Co. Ltd.
Gross Tonnage 7160.62	Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck See Sec. 3 (1c) D 37.33		Owner Minister of Munitions & Supply of Canada
Register Tonnage 4244.65	Depth to 2nd Deck 28.58		Managers Lambert Brothers Ltd. (Where necessary to be entered in Reg. Book.)
	1st Longitudinal Number (L x D) = 15529		Residence London
	2nd Numeral L x (B + D) = 39191		Port of Registry
REGISTERED DIMENSIONS. FEET.	Framing Depth "d," at middle of length. See Sec. 3 (1d) 25.08		If surveyed while building, afloat, or in dry dock.
Length 424.6	Proportions—Depth to Length—Uppermost continuous deck to top of keel 11.14		Building and afloat
Breadth 57.2	Do. Long Bridge to top of keel - - -		
Depth 34.9	Draught Moulded 26.86		

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.....	30 ✓		Bracket Floors, Frame	- - -	
" " from 3/4 length amidships to Collision bulkhead.....	27 ✓		" " Reversed Frame	- - -	
" " in peaks	24 ✓		" " Vertical Struts	- - -	
SIDE FRAMING.			Centre Girder, depth and thickness amidships	43 1/2 x .56 ✓	
Frame Amidships, Angle [or]	12 x 4 x .47 ✓		" " top Angles	3 1/2 3 1/2 .44 ✓	
" " Extends up to.....	2nd Deck ✓		" " bottom Angles	4 4 1/2 ✓	
Intern. Forward } Angle [or]	6 4 1/2 ✓		Side Girders (No. each side and thickness.....)	One 6 3 1/2 .44 ✓	
Reversed Frame } for Ice Stiffening ✓	(Toe to shell ✓)		Margin Plate depth (excl. of flange) and thickness	40 1/2 x .56 ✓	
" " Extends up to.....	- - -		" " Vertical Angle to Tank side Bracket abaft 1/4 len. from stem	Welded ✓	
Depth of Framing Girder.....	12 ✓		" " Vertical Angle to Tank side Bracket from forward 1/4 len. from stem to Panting Area Fr. 144 ✓	10 1/2 x 3/8 (Fl. 2") ✓	
Frames in Uppermost Continuous 'tween Decks, Angle [or]	6 3 1/2 1/2 ✓		" " Gussets, spacing and scantling abaft 1/4 len. from stem	Continuous ✓	
" " No. 1 Hold with shester Deck 425 ✓	12 x 4 x .59 ✓		" " Gussets, spacing and scantling from forward 1/4 len. from stem to Panting Area Fr. 144 to P.P. Bhd. ✓	17 x 3/8 (Fl. 2") ✓	
" " Tmn No. 2 Hold ✓	- - -		Tank Side Brackets, height above base line at toe of Frame and thickness	10 1/2 x .44 ✓	
" " from 1/2 len. for'd. to 15% len. from Stem	- - -		INNER BOTTOM PLATING.		
" " in Peaks, Angle or [or]	8 3/4 .34 ✓		Breadth and thickness of Middle Line Strake.....	88 x 1/2 ✓	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	1 at 6 1/2 Dias. ✓		Thickness of remainder in Holds44 ✓	
State if Frame Joggled	No ✓		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 ✓	
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	Yes ✓		BEAMS.		
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	Yes ✓		Uppermost Continuous Deck, amidships } in Wells, Angle [or]	8 3 1/2 .46 ✓	
SINGLE BOTTOM.			" " in way of Bridge, Angle, [or]	- - -	
Floors, Depth and thickness at mid-line in Holds			Spacing	Ev. Fr. (BA 9x3 1/2 x .44 ✓)	
Height of Brackets at side above base line at toe of frame			Second Deck, amidships, Angle [or] Ch. 12x4x4x.467 ✓		
Middle Line Keelson, on Floors, Angles, [or]			Spacing	Ev. Fr. ✓	
" " Through Plate or Intercoastal Plate.....			Third Deck, amidships, Angle, [or]		
" " Foundation Plate on Floors			Spacing		
" " Flat Plate Keel Angles			Fourth Deck, amidships, Angle, [or]		
Side Keelsons, No. each side			Spacing		
" " thickness of Intercoastal Plate.....			Poop Deck, Angle, [or]		
" " Angles			Spacing		
DOUBLE BOTTOM.			Bridge Deck, Angle, [or]		
Solid Floors, thickness and spacing	3/8 Ev. Fr. ✓		Spacing		
" " Are Frame and Reversed Frame joggled? No	Cut at seams ✓		Forecastle Deck, Angle, [or]		
Bracket Floors, breadth and thickness at middle line	- - -		Spacing		
" " 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 eleventh of the "Victory" type ships to be built by Burrard Dry Dock Co Ltd., to the order of the Minister of Munitions and Supply of Canada, and is a sistership to their Hull No. 180 - S.S. "FORT COLUMBIA" (Vancouver Report No. 5942) except that the four forward deep tanks have been omitted and in lieu of these the main side frames in No. 1 Hold have been reinforced by one side stringer and web frame each side as shown on the Blue print of drawing No. 7481A forwarded with our 1st Entry Hull Report No. 6085 - S.S. "Fort Dearborn"

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-9194 for cast steel stern frame.

Certificate No. F-9384 for Rudder.

Certificate No. F-10157 for steam steering engine, quadrant and tiller.

Certificate No. F-9863 for windlass

Certificate Nos. F-8990, F-9036, F-8933, F-8932, F-9034, F-8992, F-8939, F-8953, F-9035, F-9018 & F-8100 for winches.

Certificate Nos. F-6495, F-6494 & F-9446 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 has 2 openings each closed with steel hinging W.T. doors.

PARTICULARS OF ELECTRIC WELDING (if employed) Plate butts and seams of U.T. hold bhd's. (trans. & cr. line tunnel and cr. line N.W.T. bhd's; Plate Butts of upper and 2nd decks; side and bottom shell; inner bottom tank top (part) and margin; cr. girder, hatch side girders and tw. dk. bhd's; Stiffeners of O.T. Hold bhd's. (trans. & cr. line); tunnel and thrust recess and cr. line non W.T. bhd's; all connections to D.B. tanks; margin plates W.T. floors and gusset plates; 2nd deck and D.T. stringer plates and D.B. tank margin plates to shell and upper dk. stringer plates to sheerstrake at ends; Hold bhd's. and tunnel sides to D.B. tank top; Other items of minor importance. Electrodes comply 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 6155 lbs. J.F.H. F-6495 28-8-43 2nd " 6146 lbs. J.F.H. F-6494 17-9-43 Stream 2318 lbs. J.F.H. F-9446 8-11-43	2018 lbs. J.F.H. F-6495 28-8-43 2007 lbs. J.F.H. F-6494 28-8-43 772 lbs. J.F.H. F-9446 1-11-43

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 B.K.Z.R. 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 boilers) and in bilges throughout except in deep tanks for 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,		
Double bottom, forward, Nos. 1, 2 & 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 - Sept. 14, 20, Oct. 14, 21, 22, 26, 27, 30, Nov. 3, 5, 10, 12, 15, 17, 18, 20, 24, Dec. 1, 6, 7, 9, 10, 12, 13,
1944 - Jan. 14, 29, Feb. 4, 8, 9, 11, 12, 14, 16, 17, 18

Total No. of Visits 36