

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 August 25th, 1942

Port of Vancouver, B. C.

No. 5784

Survey held at North Vancouver, B. C.

Date First Survey 1st April, 1942

Last Survey 29th July

1942

On the (State if Machine fitted Aft and if Single, Twin or Triple Screw) Steel Single Screw Steamer "FORT PITT"

State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) C.S.S. with T.O. closed

State Type of Erections

TONNAGE under Tonnage Deck 6704.50

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

Total

Gross Tonnage 7133.04

Register Tonnage 4256.69

REGISTERED DIMENSIONS.

FEET.

Length 424.6'

Breadth 57.2'

Depth 34.9'

CLASS 100 A1 with Freeboard Corresponding to a Summer Mld. Dft.

Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) 416.00

Breadth (greatest moulded) 56.88

Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) 37.33

1st Longitudinal Number (L x D) 15529

2nd Numeral L x (B + D) 39191

Framing Depth "d," at middle of length. See Sec. 3 (1d) 25.08

Proportions—Depth to Length—Uppermost continuous deck to top of keel 11.14

Do. Long Bridge to top of keel

Draught Moulded 26.86'

Built at North Vancouver, B. C.

Launched 17th June, 1942 Yard No. 143

Builders Burrard Dry Dock Co. Ltd.

Owners Minister of Munitions & Supply of Canada.

Managers H. Hogarth & Sons

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

Residence Glasgow

Port of Registry

If surveyed while building, afloat, or in dry dock

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	30		Bracket Floors, Frame	- - -	
" " from 3/8 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 .54	
Frame Amidships, Angle [or]	12x4x4x.47		" " top Angles	3 1/2 3 1/2 .44	
" " Extends up to	2nd Deck		" " bottom Angles	4 4 .50	
Reversed Frame Amidships, Angle	- - -		Side Girders, (No. each side and thickness) One		
" " Extends up to	- - -		(B.A.S. Top & Bottom	6 3 1/2 .44	
Depth of Framing Girder	12		Margin Plate depth (excl. of flange) and thickness	40 1/2 x .54	
Frames in Uppermost Continuous 'tween Decks, Angle [or]	6 3 1/2 .50		" " Vertical Angle to Tank side Bracket abaft 1/4 len. from stem	Welded to Tank side Brackets	
" " Second 'tween Decks, Angle [or]	15x4x4x.625		" " Vertical Angle to Tank side Bracket from forward 1/4 len. from stem to Panting Area	10 1/2 x .40 (FL 2")	
" " Third 'tween Decks, Angle [or]	12x4x4x.625		" " Gussets, spacing and scantling abaft 1/4 len. from stem	Continuous	
" " from 1/2 len. for'd. to 15% len. from Stem	- - -		" " Gussets, spacing and scantling from forward 1/4 len. from stem to Panting Area	17" x .40 (FL 2")	
" " in Peaks, Angle [or]	8 3 1/2 .34		" " Frame 144.	Continuous	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	7/8 At 6 1/2 Dias.		Tank Side Brackets, height above base line at toe of Frame and thickness	104 1/2 x .45	
State if Frame Joggled	No		INNER BOTTOM PLATING.		
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	Yes		Breadth and thickness of Middle Line Strake	84 x .48	
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	Yes		Thickness of remainder in Holds	.44	
SINGLE BOTTOM.			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	
Floors, Depth and thickness at mid-line in Holds			BEAMS.		
Height of Brackets at side above base line at toe of frame			Uppermost Continuous Deck, amidships in Wells, Angle [or]	8 3 1/2 .46	
Middle Line Keelson, on Floors, Angles, [or]			" " in way of Bridge, Angle, [or]	- - -	
" " Through Plate or Intercoastal Plate			Spacing	Every Frame	
" " Foundation Plate on Floors			Second Deck, amidships, Angle [or]	9x3 1/2 x .38	
" " Flat Plate Keel Angles			Spacing	Every Frame	
Side Keelsons, No. each side			Third Deck, amidships, Angle, [or]		
" " thickness of Intercoastal Plate			Spacing		
" " Angles			Fourth Deck, amidships, Angle, [or]		
DOUBLE BOTTOM.			Spacing		
Solid Floors, thickness and spacing	.36" At 30"		Poop Deck, Angle, [or]		
" " Are Frame and Reversed Frame joggled?	Yes		Spacing		
Bracket Floors, breadth and thickness at middle line	- - -		Bridge Deck, Angle, [or]		
" " breadth and thickness at margin plate	- - -		Spacing		
			Forecastle Deck, Angle, [or]		
			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. One in tween decks only.						Stringer Plate, breadth and thickness in way of Bridge					
" in 'tween Decks, Size and Spacing.		6	6	on alt. frs.		Thickness of Plating abreast Deck openings in way of Wells		.35			
" " " "		-	-	-		Thickness of Plating abreast Deck openings in way of Bridge		-			
" in Holds		-	-	-		Thickness of Plating within line of openings.		.34			
" " " "		-	-	-		If Sheathed, material and thickness.					
Centre Line Bulkhead, in Holds						Third Deck.					
Stiffeners and Spacing.		12x4x7/16"		on alt. frs.		Stringer Plate, breadth and thickness.					
Plating, thickness of.		.30		-		If Plated, state thickness.					
STRINGERS AND DECKS.						Fourth Deck.					
Uppermost Continuous Deck.						Stringer Plate, breadth and thickness.					
Stringer Plate, breadth and thickness in Wells		61	x	.64		If plated, state thickness.					
" " " " in way of Bridge		-	-	-		Poop Deck.					
" Angle in Wells		6	x	6	x	Stringer Plate, breadth and thickness.					
Thickness of Plating abreast Deck openings in way of Wells		.55		-		Plating, Sheathing, material and thickness.					
Thickness of Plating abreast Deck openings in way of Bridge		-	-	-		Bridge Deck.					
Thickness of Plating within line of openings.		.40		-		Stringer Plate, breadth and thickness.					
If Sheathed, material and thickness		-	-	-		Plating, Sheathing, material and thickness.					
Second Deck.						Forecastle Deck.					
Stringer Plate, breadth and thickness in Wells		50"	x	.43"		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. State if jogged?	BUTTS.			
	AMIDSHIPS.		AFT.				No. of Rows of Rivets	Rivets.		STRAPPED OR LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.				Diam.	Spacing, cr. to cr.	
FLAT PLATE KEEL	52	.78	.68	.68		Double	7/8	3.3"	Butts Welded	
" DBLG. (if any)	-	-	-	-		-	-	-	-	
BOTTOM PLATING, No. of Strakes	Four	.61	.56	.52		Double	7/8	3.3"	Butts Welded	
BILGE PLATING, No. of Strakes	One	.61	.56	.49		-	-	-	-	
SIDE PLATING, No. of Strakes	Three	.61	.56	.48		-	-	-	-	
UPPER DECK, Sheer-strake in Wells	84	.70	.50	.50		-	-	-	-	
UPPER DECK, Sheer-strake in Bridge	-	-	-	-		-	-	-	-	
STRAKE BELOW Sheer-strake in Wells	78	.61	.50	.48		Double	7/8	3.3"	Butts Welded	
STRAKE BELOW Sheer-strake in Bridge	-	-	-	-		-	-	-	-	
POOP SIDE PLATING	-	-	-	-		-	-	-	-	
BRIDGE SIDE PLATING	-	-	-	-		-	-	-	-	
FORECASTLE SIDE PLATING	-	-	-	-		-	-	-	-	

WATERTIGHT BULKHEADS.					FORGINGS and CASTINGS.				
Total No. of W.T. BULKHEADS in Vessel					Casting or Forging.				
Extending to Upper Deck (Sec. 3 c)					Ins.				
Deck next below					Ins.				
As per Rule					Ins.				
					Maker's Name.				
					Any Departure from Approved Plans to be Noted.				
					KEEL, Bar				
					Upper M.S. Fashion Plate				
					Lower Rolled Bar 10"x21"				
					STERN FRAME				
					Propeller Post				
					Rudder				
					Speed of Vessel				
					Not exceeding 12 Knots				
					RUDDER—Type				
					Semi-Balanced Streamlined				
					" A x D				
					282				
					Diam. of head				
					9 1/2 Dia.				
					Mainpiece at top pintle				
					12 Dia.				
					" heel				
					9 1/2 Dia.				
					how constructed				
					Built, Riv., & E.W.				
					double or single plate				
					Double				
					coupling, vertical or				
					Horizontal				
					horizontal				
					Horizontal				
Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture).									
Carnegie-Illinois Steel Corp'n., Central Iron & Steel Co., Inland Steel Co. of Canada, Ltd., Algoma Steel Products Co. Ltd., Bethlehem Steel Coy., Manitoba Rolling Mills Co. Ltd., & Phoenix Iron Co.									
Has the Steel been tested as required by the Rules? Yes									

EQUIPMENT No. 39800										LETTERS & A.										ANCHORS.									
Number of Certificate.		Anchors.		WEIGHT, EX. STOCK.		WEIGHT OF STOCK.		TEST, PER CERTIFICATE.		WEIGHT REQUIRED BY SPECIFICATION.		Description of Anchor.		Makers.		Where and when tested and Superintendent.													
F3136		1st Bower		4705 lbs.		4705 lbs.		68.0		68.0		BALDT. TYPE.		VULCANIRON		WINNIPEG, MAN.													
F3135		2nd "		4680 "		4680 "		68.0		68.0		STOCKLESS (CS)		WORKS, IS		MAY 1942, J.F. HIND													
F3138		3rd "		4680 "		4680 "		68.0		68.0		STOCKLESS		WORKS, IS		MAY 1942, J.F. HIND													
F3138		Collective Weight		13965 "		13965 "		203.0		203.0		C.S. BALDT. TYPE		C.S. BALDT. TYPE		WINNIPEG, MAN.													
F3138		Stream		2435 "		2435 "		25.4		25.4		STOCKLESS		WORKS, IS		MAY 1942, J.F. HIND													

CHAIN CABLES.										HAWERS AND WARPS.													
Number of Certificate.		Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.		Length and size supplied.		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.	
9514		225		25		4215		225		25		DETACHABLE LINKS		CHESTER, PA.		TOWLINE		120		4 1/2		120	
9514		115		25		830		115		25		DETACHABLE LINKS		CHESTER, PA.		HAWERS & WARPS		200		2 1/2		200	
9514		75		25		4215		75		25		DETACHABLE LINKS		CHESTER, PA.		HAWERS & WARPS		200		2 1/2		200	
9514		90		5		18 = 12		90		5		DETACHABLE LINKS		CHESTER, PA.		HAWERS & WARPS		200		2 1/2		200	

Steering Gear, Type (Power or hand) Steam with telemotor control (Alternative Means of Steering Efficient arrangement of blocks and tackle led to after warping winch.)

Steering Chains (Size and Test) Windlass Steam - 11" x 13" (Boat 1026' x 8.00' x 3.25')

Ceiling in Holds, thickness and material 2 1/2" thk. B.C. Fir Cargo Battens, thickness, material and spacing 1 1/2" thk. B.C. Fir

Cargo Hatchways.—(Upper Deck) Strong steel plates and angles Thickness of Hatches 3" thk. B.C. Fir

Size of Hatchways No. 1 (Fwd.) 33'9"x20' No. 2 35'x20' No. 3 15'x20' No. 4 35'x20' No. 5 35'x20' x Bkr. 8'x20'

Number of Shifting Beams Nos. 1, 2, 4 and 5 — each 5. No. 3 — 2 x Bkr. — 1.

Builder's Signature Burrard Dry Dock Company, Limited

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. 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 (where required to be inserted in the Notation).

This ship has been constructed in accordance with the approved plans, instructions and printed Rules of the Society. The materials and workmanship are of good quality.

The double bottom, peaks, deep and fresh water tanks, decks, bulkheads, tunnels, watertight doors, steering gear, and windlass have been tested and found satisfactory. The freeboards assigned by the Committee have been marked on the ship's sides and verified. The equipment of anchors and chain cables is in accordance with the War Emergency Reduction of Equipment requirements and it is recommended that a suitable Notation be entered on the First Entry Certificate.

The weights of anchors supplied are slightly below those specified but the collective weight of the two lower anchors exceeds two thirds of the Tabular Collective weight.

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 carried out to our satisfaction.

The amount of Entry Fee \$ 50.00 Fees applied for, both July 1942

Special Survey Fee \$ 1645.00 Received by me, W. A. C.

Owners' Rep. \$ 1000.00 of opinion the Vessel should be Classed * 100 A1

Travelling Expense, if any £ - with Freeboard.

State whether the Vessel has been built under Special Survey Yes Signature W. A. C.

Certificate to be sent to New York Date of issue 1/12/42 Surveyor W. A. C.

Committee's Minute TUE 10 NOV 1942

Character assigned +100A1

With freeboard

Both of hull & deck

Ed. E. S. D.

Mark M.

2021

Lloyd's Register 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 twelfth of this type to be built by Burrard Dry Dock Co. Ltd., and is a sistership to their Yard No. 130 - S.S. "FORT ST. JAMES" (Vancouver Report No. 5718).

The approved plans have been retained for dealing with sisterships building and to be built.

Blue print of plan of Midship Section is forwarded herewith.

Interim Certificate issued - copy attached.

A copy of each of the following Certificates attached hereto.
Certificate No. F-1804 for Cast Steel Stern frame.

Certificate No. F-3548 for Rudder.

Certificate No. F-3530 for steam steering engine, quadrant and tiller.

Certificate No. F-1551 for steam windlass.

Certificate Nos. F-1814, F-1854, F-1812, F-1811, F-1852, F-1849, F-1850, F-1853, F-1851, F-1813 and F-3359, for Winches.

Tonnage openings in tween deck bulkheads have all been efficiently closed with steel plates, rivetted on bulkheads Nos. 19 and 135 and bolted elsewhere as per approved plans. All tween deck bulkheads have been hose tested and found satisfactory.

PARTICULARS OF ELECTRIC WELDING (if employed) All connections to double bottom tanks' margin plates, watertight floors and gusset plates; 2nd deck stringer closing plates all welded; plate butts of shell plating, tank top (part), tunnel, 2nd and upper decks, centre girder and hatch side girders; hold bhd. and tunnels sides to tank top plating; 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.

Particulars of Drop Test of Cast Steel Anchors, viz:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower	5535 lbs.	J.F.H.	F3136	16-5-42
	2nd "	5540 lbs.	J.F.H.	F3135	16-5-42
	Stream	2000 lbs.	J.F.H.	F3138	16-5-42

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 **No belting** Over-all Length **441.5'**
(Circ. 1611) (Circ. 1703)
No. and Material of Decks **Two - (2) steel** (Nos. 5 & 6 Double bottom tanks and peaks cemented in bottom)
Parts of Bottom of Vessel coated with cement or approved composition **(shell and cement washed elsewhere, except, under E & B space where there is bitumastic solution and enamel on girders and floors and bitumastic solution on underside of tank top plating. Steelwork in bilges, bitumastic solution and enamel throughout.)**
Particulars of composition (if fitted) and of approval **Bitumastic Solution and Enamel.**

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. 7 and 8	S.W. 135.0	306.	Fore peak tank,	S.W. 22.	145.
Double bottom, under Engines and Boilers.	---	---	After peak tank,	S.W. 24.	160.
Double bottom, if under Engines only No. 6	S.W. 25.0	106.	Deep tank, Port	S.W. 20.	390.
Double bottom, if under Boilers only No. 5 (dry)	S.W. 20.0	89.	Deep tank, Star'd.	S.W. 20.	375.
Double bottom, forward Nos. 1, 2, 3 and 4	S.W. 188.25	648.	Other tanks, if fitted,		
Total length (if continuous) and Capacity	S.W. 368.25	1149	(If necessary, furnish further information by sketch.)		

Order for Special Survey No.

Fees Payable
Date in London.

Dates of Surveys
held while building

1942 - April 1, 2, 6, 7, 17, 20, 23, 27, 30 May 1, 5, 11, 15, 18, 19, 20, 21, 22, 23, 25
May 27, 28, 29.
June 1, 2, 3, 4, 5, 6, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 25.
July 17, 18, 23, 24, 27, 29.

Lloyd's Register
Foundation
Total No. of Visits 47