

STEEL STEAMER or MOTORSHIP.

Received at London Office 17 AUG 1942

State if Report has been sent on the Freeboard of the Vessel. YesState if Report is sent on the Machinery of the Vessel. Yes- Now.Date of completion of report 10th June, 1942Port of Vancouver, B. C.No. 5764Survey held at Vancouver, B. C.Date First Survey 4th Aug. 1941Last Survey 8th June

1942

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

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

C.S.S. with T.O. closedState Type of Erections ---TONNAGE under Tonnage Deck 6704.73CLASS *100 A1 with State if with freeboard Yes
Freeboard corresponding as condition of Class
to a Summer Mld. Draft 26'10"Built at Vancouver, B. C.Launched 7th March, 1942 Yard No. 101Builders West Coast Shipbuilders, Ltd.Owners Minister of Munitions & Supply of CanadaManagers H. Hogarth & Sons
(Where necessary to be entered in Reg. Book.)Residence GlasgowPort of Registry ---

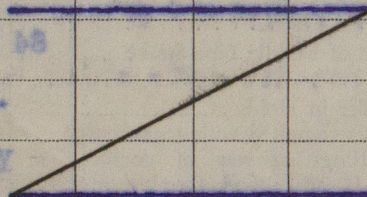
If surveyed while building, afloat, or in dry dock

Building Afloat & in Dry Dock.Do. of space or spaces between Tonnage Dk. and Upper Dk. ---Total ---Gross Tonnage 7133.39Register Tonnage 4257.21REGISTERED DIMENSIONS.
FEET.Length 424.6Breadth 57.2Depth 34.9Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) 416.0Breadth (greatest moulded) B 56.88Depth at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) D 37.331st Longitudinal Number (L x D) 15217 = 155292nd Numeral L x (B + D) 38879 = 39191Framing Depth "d," at middle of length. See Sec. 3 (1d) 25.08Proportions—Depth to Length — Uppermost continuous deck to top of keel 11.14Do. Long Bridge to top of keel ---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 3/8 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 x 3 1/2 x .44	
" " Extends up to.....	2nd Dk.		" " bottom Angles	4 x 4 x .50	
Reversed Frame Amidships, Angle.....	---		Side Girders, No. each side and thickness	One	
" " Extends up to.....	---		B.A.'s Top & Bottom	6 x 3 1/2 x .44	
Depth of Framing Girder.....	12		Margin Plate depth (excl. of flange) and thickness	---	
Frames in Uppermost Continuous 'tween Decks, Angle [or]	6x3 1/2 x .50		" " Vertical Angle to Tank side Bracket abaft 1/4 len. from stem	Welded to tank side brackets	
" " Second 'tween Decks, Angle, [or]	---		" " Vertical Angle to Tank side Bracket from forward 1/4 len. from stem to Panting Area	10 1/2 x .40 Fl. 2" Continuous	
" " No. 1 Hold Frs. 135-162 CH	15x4x4x.625		" " Gussets, spacing and scantling abaft 1/4 len. from stem	Fr. 144.	
" " No. 2 Hold Frs. 106-135 CH	12x4x4x.625		" " Gussets, spacing and scantling from forward 1/4 len. from stem to Panting Area	17 x .40 Fl. 2" Continuous	
" " from 1/2 len. for'd. to 15% len. from Stem	---		Tank Side Brackets, height above base line at toe of Frame and thickness	104 1/2 x .45	
" " in Peaks, Angle, [or]	8x3 1/2 x .34		INNER BOTTOM PLATING.		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	7/8" At 6 1/2" Dias.		Breadth and thickness of Middle Line Strake.....	84 x .48	
State if Frame Joggled	No		Thickness of remainder in Holds44	
Are the scantlings and arrangements in the Panting Area 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?	Yes	
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	Yes		BEAMS.		
SINGLE BOTTOM.			Uppermost Continuous Deck, amidships	8x3 1/2 x .48	
Floors, Depth and thickness at mid-line in Holds	---		" " in way of Bridge, Angle, [or]	---	
Height of Brackets at side above base line at toe of frame	---		Spacing	Every frame	
Middle Line Keelson, on Floors, Angles, [or]	---		Second Deck, amidships, Angle, [or]	9x3 1/2 x .38 BA	
" " Through Plate or Intercoastal Plate.....	---		Spacing	12x4x4x.47 CH	
" " Foundation Plate on Floors	---		Third Deck, amidships, Angle, [or]	---	
" " Flat Plate Keel Angles	---		Spacing	---	
Side Keelsons, No. each side	---		Fourth Deck, amidships, Angle, [or]	---	
" " thickness of Intercoastal Plate.....	---		Spacing	---	
" " Angles	---		Poop Deck, Angle, [or]	---	
DOUBLE BOTTOM.			Spacing	---	
Solid Floors, thickness and spacing36 @ 30"		Bridge Deck, Angle, [or]	---	
" " Are Frame and Reversed Frame joggled?	Yes		Spacing	---	
Bracket Floors, breadth and thickness at middle line	---		Forecastle Deck, Angle, [or]	---	
" " breadth and thickness at margin plate	---		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 x 6 x 3/8 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.....	12 x 4 x 7/16" CH 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 3/8			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.		BUTTS.			
	AMIDSHIPS.		FORWARD.			State if forgled?		No. of Rows of RIVETS	RIVETS.		STRAFFED OR LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.		SINGLE OR DOUBLE.	RIVETS.		Diam.	Spacing cr. to cr.	
	Inches.	Inches.	Inches.	Inches.			Diam. Inches.	Spacing. Inches.	Inches.	Inches.	
FLAT PLATE KEEL	52	.78	.68	.68		Dble.	7/8	3-1/3	Butts Welded		
" DBLG. (if any)	-	-	-	-							
BOTTOM PLATING, No. of Strakes61	.56	.52		Dble.	7/8	3-1/3	"	"	
BILGE PLATING, No. of Strakes61	.56	.49							
SIDE PLATING, No. of Strakes61	.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		Dble.	7/8	3-1/3	"	"	
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.....				Keel or Forging.....	Scantlings.....	Maker's Name.....	Any Departure from Approved Plans to be Noted.....
Extending to Upper Deck (Sec. 3 c).....				Upper	Flat Plate		
Deck next below.....				Lower	M.S. Fashion Plate		
As per Rule.....					10 x 2 1/2" US Steel		
				STERN FRAME (Propeller Post).....	C.S. App. Eng. Wks.		
STIFFENERS.				Speed of Vessel.....	Not exceeding 12 knots		
				RUDDER-Type.....	Semi-balanced streamlined.		
MIDSHIP BULKHEAD.....				" A x D.....	282		
Upper tween decks.....				" Diam. of head.....	9 1/2"		
Second.....				" Mainpiece at top pintle.....	12" Dia.		
Third.....				" " heel.....	9 1/2" Dia.		
Holds.....				" how constructed.....	Built & Riveted		
COLLISION (in Hold).....				" double or single plate coupling, vertical or horizontal.....	Double Horizontal		
AFTER PEAK.....							
STEEL.				Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture).....			
				U.S. Steel Corp'n., Phoenix Steel Corp'n., Algoma Steel Corp'n., Steel Co. of Canada			
				Bethlehem Steel Corp'n., Manitoba Rolling Mills.			
				Has the Steel been tested as required by the Rules? Yes			

EQUIPMENT No. 39800										LETTER at		ANCHORS.	
Number of Certificate.	Anchor.	WEIGHT, EX. STOCK.	WEIGHT OF STOCK.	TEST, PER CERTIFICATE.	WEIGHT REQUIRED BY SPECIFICATION.	Description of Anchor.	Makers.	Where and when tested and Superintendent.					
F 3100.C	1st Bower.....	77 1/2 lbs.			68-00	BALOT TYPE	VULCAN IRON WORKS LTD.	WINNIPEG, MAN. 8.3.42					
F 3100.D	2nd ".....	70 1/2 lbs.			68-00	STOCKLESS.	"	" 9.3.42					
	3rd ".....	15 1/2 lbs.			136-00								
F 3100.A	Collective Weight.....	26 1/2 lbs.			23 1/4	BALOT TYPE STOCKLESS.	VULCAN IRON WORKS LTD.	WINNIPEG, MAN. 13.7.42					
	Stream.....												

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.							
	Length.	Diam.	Supplied.	Per Rule.						Length.	Cir.	Length.	Cir.						
1/444	225	2 1/2	36 3/8 lbs.	79 1/2	60-00	STEEL LINK.	SAARON, Pa.	26-2-42		TOWLINE.	120	1 1/4	14-76	120					
			42 1/2 lbs.			NATIONAL MALLEABLE & STEEL CASTINGS CO.	A.T. GRIMES.			HAWERS & WARPS	20-90	2 1/4	19-90	20-90					
						BRITISH ROPES CANADIAN FACTORY LTD.					20-90	2 1/2	15-25	20-90					
Stream Steel Wire	90	5/8	10 1/2	53-0 (6R12)															

Steering Gear, Type (Power or hand) **Steam with telemotor control** Alternative Means of Steering **Blocks & tackle to after warping winch.**

Steering Chains (Size and Test) **Steam 11" x 13"** Boats **18 2810" (Motor)**

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

Cargo Hatchways, (Upper Deck) **Steel plates & angles** Thickness of Hatches **3" 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'** Cross Bunker **No. 6 8' x 20'**

Number of Shifting Beams **Nos. 1, 2, 4 & 5 - each 5.** No. 3 - 2. Cross Bunkers - 1.

Builder's Signature. For WEST COAST SHIPBUILDERS LTD.
W. M. Laren.
 General Manager.

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 tanks, 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 side 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 in the First Entry Certificate. The ship has also been surveyed during construction on behalf of the British Purchasing Commission in accordance with the Hull specification requirements which have been carried out to my satisfaction.

The amount of Entry Fee..... \$ **50.00** Fees applied for, **10th June 1942**
 Special Survey Fee..... \$ **2155.00** Received by me, **19**
 Freeboard \$ **90.00**
 Travelling Expense, if any \$ **50.00**
 Owners' Representatives \$ **1000.00**

I am of opinion the Vessel should be Classed ***100 A1 with Freeboard.**

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

Certificate to be sent to **New York** Date of issue **1/12/42**
 Committee's Minute **FBI, 21 AUG 1942**
 Character assigned **+100 A1**

Signature **H. Derry**
 Surveyor to Lloyd's Register of Shipping.

2020
 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 first of sixteen ships to be built by the West Coast Shipbuilders, Ltd., to the order of the Minister of Munitions & Supply of Canada, and is a sister ship to the Burrard Dry Dock Co's. Yard No. 130 - S.S. "FORT ST. JAMES" (Vancouver Report No. 5718)

The approved plans have been retained for dealing with sister ships 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:-

No. F-1819 - steam windlass.

No. F-1893 - rudder.

No. F-1709 - steering engine, quadrant and tiller.

No. F-1111 - Stern frame.

Nos. F-1509 - 1510 - 1511 - 1512 - 1513 - 1540 - 1541 - 1542 - 1543 - 1539 - 1554 - steam winches

This ship sustained slight bottom damage, which was stated to have been caused by grounding, whilst lying at the Shipbuilders fitting-out wharf between 7th March, 1942 and 2nd June, 1942. Vancouver Report No. 5769 is forwarded herewith.

PARTICULARS OF ELECTRIC WELDING (if employed) D.B. tanks, W.T. floors, margin plates to shell, to side frame margin brackets and to floors, gusset plates to tank top and side frame margin brackets, hold bulkheads to tank top, 2nd deck closing plates to shell and frames, plate butts of shell, tank top, (part) tunnel top and sides, 2nd deck, upper deck, centre girder and hatch side girders, other items of minor importance.

ELECTRODES:- Complying with Sect. 4, paras. 1-9 of the Rules have been employed for Manual welding and the Rules for the application of electric welding to ship construction have been complied with.

SPECIAL NOTATIONS:- Either as part of the vessel's class or for record in the Register Book Cruiser stern, Direction finding Apparatus, Echo Sounder, Wireless.

Particulars of Drop Test of Cast Steel Anchors, viz:-
Weight, Surveyor's Initials, Number of Certificate, Date of Test.

1st Bower	5660 lbs.	J.F.H.	F3100C	30-4-42
2nd "	5610 lbs.	J.F.H.	F3100D	30-4-42
Stream	1990 lbs.	J.F.H.	F3100A	30-4-42

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 439.9' (Circ. 1611) (Circ. 1703)

No. and Material of Decks Two (2) - steel

Parts of Bottom of Vessel coated with cement or approved composition Double bottom tanks & peaks cemented on bottom shell throughout and cement washed elsewhere except under S & B spaces 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 & 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 & 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)	S.W. 20.0	89.	Deep tank, forward, (Starboard)	S.W. 20.	375
Double bottom, forward, (Nos. 1, 2, 3, & 4)	S.W. 188.25	648.	Other tanks, if fitted,	--	--
Total length (if continuous) and Capacity	368.25	1149.			

(If necessary, furnish further information by sketch.)

Order for Special Survey No. 48

Date 17-7-41

Dates of Surveys held while building

1941 - Aug. 4, 16, 20, 29 Sept. 2, 5, 8, 10, 12, 15, 16, 24, 26 Oct. 1, 3, 6, 7, 11, 16
Oct. 20, 23, 27, 29, 30 Nov. 4, 10, 14, 17, 19, 21, 24, 26, 28 Dec. 1, 2, 3, 5,
Dec. 8, 12, 15, 16, 19, 20, 22, 23, 24, 29, 30.
1942 - Jan. 5, 6, 7, 8, 12, 13, 14, 15, 17, 20, 26, 27, 28, 29, 30 Feb. 2, 4, 10, 16, 20,
Feb. 23, 24, 25, 27 Mar. 2, 3, 4, 5, 6, 7, 23, 27, 30, 31 Apr. 3, 4, 6, 13, 14, 16,
Apr. 17, 21, 23, 24, 25, 27, 30, May 1, 2, 4, 5, 7, 8, 9, Total No. of Visits 122
May 12, 13, 16, 18, 19, 21, 22, 23, 25, 26, 27, 28, 29, 30, 31 June 1, 2, 3, 5, 8.