

# STEEL STEAMER or MOTORSHIP

Received at London Office 17 AUG 1942

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**

Date of completion of report **10th June, 1942** Port of **Vancouver, B. C.** No. **5764**

Survey held at **Vancouver, B. C.** Date First Survey **4th Aug. 1941** Last 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. closed** State Type of Erections **---**

TONNAGE under Tonnage Deck **6704.73** CLASS **\*100 A1 with** (State if with freeboard) **Yes** Built at **Vancouver, B. C.**

Do. of space or spaces between Tonnage Dk. and Upper Dk. **--** Freeboard corresponding as condition of Class **to a Summer Mld. Draft 26'10"** Launched **7th March, 1942** Yard No. **101**

Total **--** Length (from fore part of stem to after part of stern) **L 416.0** Builders **West Coast Shipbuilders, Ltd.**

Gross Tonnage **7133.39** Breadth (greatest moulded) **B 56.88** Owners **Minister of Munitions & Supply of Canada**

Register Tonnage **4257.21** 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** Managers **H. Hogarth & Sons**

1st Longitudinal Number (L x D) **15217 = 15529** (Where necessary to be entered in Reg. Book.)

2nd Numeral L x (B + D) **38879 = 39191** Residence **Glasgow**

REGISTERED DIMENSIONS. FEET. Framing Depth "d," at middle of length. See Sec. 3 (1d) **25.08** Port of Registry **--**

Length **424.6** Proportions—Depth to Length — Uppermost continuous deck to top of keel **11.14** If surveyed while building, afloat, or in dry dock

Breadth **57.2** Do. Long Bridge to top of keel **--** **Building Afloat & in Dry Dock.**

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 3/8 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>B.A.'s Top &amp; Bottom</b>	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	
" " <b>No.1 Hold Frs. 135-162 CH</b>	15x4x4x.625		" " Gussets, spacing and scantling abaft 1/4 len. from stem .....	17x.40 Fl. 2" Continuous	
" " <b>No.2 Hold Frs. 106-135 CH</b>	12x4x4x.625		" " Gussets, spacing and scantling from forward 1/4 len. from stem to Panting Area .....	to fore Peak Bhd.	
" " from 1/2 len. for'd. to 15% len. from Stem .....	8x3 1/2 x .34		Tank Side Brackets, height above base line at toe of Frame and thickness	104 1/2 x .45	
" " in Peaks, Angle, [ or ]	3" At 6 1/2" Dias.		INNER BOTTOM PLATING.		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships .....			Breadth and thickness of Middle Line Strake.....	84 x .48	
State if Frame Joggled .....	No		Thickness of remainder in Holds .....	.44	
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 spacing .....	.36 @ 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 .....		

W275-0060 (1/2)



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	2nd "	Stream	Weight	Surveyor's Initials	Certificate No.	Date
				5660 lbs.	J.F.H.	F3100C	30-4-42
				5610 lbs.	J.F.H.	F3100D	30-4-42
				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, <b>Port</b>	S.W. 20.	390
Double bottom, if under Boilers only, (No. 5)	S.W. 20.0	89.	Deep tank, <b>Starboard</b>	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.			

Order for Special Survey No.	Date	Dates of Surveys held while building	Total No. of Visits
48	17-7-41	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, June 1, 2, 3, 5, 8. May 12, 13, 16, 18, 19, 21, 22, 23, 25, 26, 27, 28, 29, 30, 31	122

For S.O.F. see 30th Shipyardian (Vol. 5778)