

STEEL STEAMER or MOTORSHIP

Received at London Office

25 JUL 1942

State if Report has been sent on the Freeboard of the Vessel YesState if Report is sent on the Machinery of the Vessel YesDate of completion of report 19th June, 1942 Port of VANCOUVER, B.C. No. 5459.Survey held at VANCOUVER & N. VANCOUVER Date First Survey 24th SEPT. 1941. Last Survey 3rd JUNE, 1942.On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) STEEL SINGLE SCREW STEAMER "FORT ELLICE"State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) C.S.S. WITH TO. CLOSED. State Type of Erections —TONNAGE under Tonnage Deck... 6701.48.Do. of space or spaces between Tonnage Dk. and Upper Dk. —Total —Gross Tonnage 7129.24.Register Tonnage 4254.74.REGISTERED DIMENSIONS.
FEET.Length 424.6'Breadth 54.2'Depth 34.9'CLASS +100A1. WITH State if with freeboard YES.
FREEBOARD CORRESPONDING as condition of Class
TO SUMMER MLD. DRAFT OF 26-10"Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) L 416.00Breadth (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 34.33DEPTH 7. SECOND DECK = 28.88'1st 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 VANCOUVER, B.C.Launched 14th APRIL 1942 Yard No. 135.Builders BURRARD, DYCK CO. LTDOwners H. M. GOVERNMENT IN THE UNITED KINGDOM.Managers LAMBERT BROTHER LTD.
(Where necessary to be entered in Reg. Book.)Residence LONDON.Port of Registry —If surveyed while building, afloat, or in dry dock BUILDING & 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.....	29"		" " Reversed Frame	—	
" " in peaks	24"		" " Vertical Struts	—	
SIDE FRAMING.			Centre Girder, depth and thickness amidships	43 1/2" x 54."	
Frame Amidships, <u>Angle</u> , [or]	12" x 4" x 4" x 47"		" " top Angles	3 1/2" x 3 1/2" x 44"	
" " Extends up to.....	2 ND DECK.		" " bottom Angles	4" x 4" x 50"	
Reversed Frame Amidships, Angle.....	—		Side Girders, No. each side and thickness.....	ONE	
" " Extends up to.....	—		Margin Plate depth (excl. of flange) and thickness.....	6" x 3 1/2" x 44"	
Depth of Framing Girder.....	12"		" " Vertical Angle to Tank side Bracket abaft 1/4 len. from stem.....	WELDED TO TANK SIDE BRACKETS.	
Frames in Uppermost Continuous 'tween Decks, Angle <u>Angle</u>	6" x 3 1/2" x 50"		" " Vertical Angle to Tank side Bracket from forward 1/4 len. from stem to Panting Area.....	10 1/2" x 40 Fl. 2"	
" " Second 'tween Decks, Angle, [or]	—		Gussets, spacing and scantling abaft 1/4 len. from stem.....	CONTINUOUS.	
" " Third No 1. HOLE. FRS. 136-162 NO. 2. " FRS. 106-135.....	15" x 4" x 4" x 625 L		" " Gussets, spacing and scantling from forward 1/4 len. from stem to Panting Area.....	17" x 40 Fl. 2"	
" " from 1/2 len. for'd. to 15% len. from Stem.....	12" x 4" x 4" x 625 L		Tank Side Brackets, height above base line at toe of Frame and thickness.....	10 1/4" x 45."	
" " in Peaks, <u>Angle</u> or [.....	8" x 3 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 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.....	8" x 3 1/2" x 46"	
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, <u>Angle</u> , [or]	12" x 4" x 47" L	
" " Through Plate or Intercoastal Plate.....			Spacing	9" x 3 1/2" x 38" L	
" " 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" AT 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		

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 a sister ship to the same Builders Yard No 130 - "Fort St James"
(Vancouver Report No 5718)

The approved plans have been retained for dealing with sister ships building & to be built.

Blue print of the midship section is forwarded herewith.

Intern Certificate issued — Copy attached.

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

Certificate No F 1406 for steam steering engine, quadrant and tiller.

Certificate No F 3182 for steam windlass.

Certificates No F 3260, 3261, 3293, 3262, 3186, 1884, 3209, 3259, 3211, 3210, 3208 for steam Winches.

Certificate No F 1334 for sternframe.

Certificate No F 3239 for Rudder.

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

ELECTRODES. complying with Sect H. Paras 1 to 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 where applicable.

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.	5754 lbs.	T.H.D.	B.C. 14167	10-11-40
2nd "	5690 lbs.	T.H.D.	B.C. 14166	10-11-41
SPREAM	1850 lbs.	T.H.D.	B.C. 14164	10-11-41

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 (Circ. 1611) Over-all Length (Circ. 1703) 438.5
No. and Material of Decks Two (2) steel. Double bottom tanks & peaks cemented on bottom shell
Parts of Bottom of Vessel coated with cement or approved composition Thru' out & cement washed, elsewhere except under E & B
spaces where there is bitumastic enamel & solution on girders & floors & bitumastic solution on underside of tank top plating. Steelwork in bilges bitumastic solution & enamel thru' out.
Particulars of composition (if fitted) and of approval Bitumastic solution & 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, (No 7 & 8) S.W.	138.0	306.	Fore peak tank, SW	22.	145
Double bottom, under Engines and Boilers, (No 6) SW	25.0	106.	After peak tank, SW	24.	160
Double bottom, if under Engines only, (No 5) SW	20.0	89.	Deep tank, aft, (PORT) SW	20.	390
Double bottom, if under Boilers only, (No 4) SW	188.25	648	Deep tank, forward, (STARBOARD) SW	20.	375.
Double bottom, forward, (Nos 1, 2, 3 & 4) SW	368.25	1149.	Other tanks, if fitted, —	—	—
Total length (if continuous) and Capacity			(If necessary, furnish further information by sketch.)		

Order for Special Survey No. 420.

Date 14th February 1942

Dates of Surveys held while building

1941. SEPT. 24, 26, 29; OCT. 2, 14, 16, 17, 24, 30; Nov. 6, 12. DEC. 17, 19, 23.
1942. JAN. 9, FEB. 10, 12, 13, 24, 25; MAR. 2, 4, 24, 25, 27, 28, 30, 31;
APR. 1, 2, 3, 4, 6, 7, 8, 9, 10, 11, 13, 14; MAY. 1, 4, 7, 9, 11, 12, 13, 14, 16, 18, 19, 20, 22, 23,
MAY. 27, 28, 30; JUNE 1, 2, 3.

Total No. of Visits 60.

For S.S.O.F. see "Fort St. James" Vol 5718.