

STEEL STEAMER or MOTORSHIP

Received at London Office

26 FEB 1943

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 December 30th, 1942 Port of Vancouver, B. C. No. 5857

Survey held at Vancouver and North Vancouver, B. C. Date First Survey 21st Sept., 1942 Last Survey 23rd December, 1942

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

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.... 6704.02

CLASS *100 A1 with Freeboard corresponding to a Summer Mld. Dft. State if with freeboard condition of Class Yes

Built at Vancouver and North Vancouver, B.C.

Launched 18th Nov., 1942 and No. 152

Builders Burrard Dry Dock Co. Ltd.

Owners Minister of Munitions & Supply of Canada.

Managers The Hain Steamship Co. Ltd.

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

Residence London

Port of Registry

If surveyed while building, afloat, or in dry dock

Building and afloat.

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

Total

Gross Tonnage 7133.86

Register Tonnage 4243.85

REGISTERED DIMENSIONS. FEET.

Length 424.6

Breadth 57.2

Depth 34.9

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)

B 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)

D 37.33

Depth to 2nd Deck 28.58

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

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 3/5 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 & Btm. 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]	- - -		" " Vertical Angle to Tank side Bracket from forward 1/4 len. from stem to Panting Area	10 1/2 x .40" (FL 2")	
No.1 Hold (Frs.135-162) CH. 15x4x4x.625			" " Gussets, spacing and scantling abaft 1/4 len. from stem	Continuous	
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")	
" " 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 [8 3 1/2 .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 in Wells, Angle [or]	8 3 1/2 .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, Angle, [or]	9x3 1/2 x .38	
" " Through Plate or Intercoastal Plate.....			Spacing	Every Frame	
" " 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" 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		

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. <u>One - in tween decks only.</u>				
" in 'tween Decks, Size and Spacing.....	6 6 5 on Alt. Frs.			
" " " " " "	- - -			
" in Holds " " "	- - -			
" " " " " "	- - -			
Centre Line Bulkhead. in Holds				
Stiffeners and Spacing.....	CH 12x3 1/2 x 3 1/2 x .45 on Alt. Frs.			
Plating, thickness of.....	.30			
STRINGERS AND DECKS.				
Uppermost Continuous Deck.				
Stringer Plate, breadth and thickness in Wells	61 x .64			
" " " " in way of Bridge	- - -			
E.W. to Shell Sheer Strake				
" <u>Angle in Wells</u>				
Thickness of Plating abreast Deck openings in way of Wells	.55			
Thickness of Plating abreast Deck openings in way of Bridge	- - -			
Thickness of Plating within line of openings..	.40			
If Sheathed, material and thickness	- - -			
Second Deck.				
Stringer Plate, breadth and thickness in Wells	50" x .43"			
Stringer Plate, breadth and thickness in way of Bridge				
Thickness of Plating abreast Deck openings in way of Wells				
Thickness of Plating abreast Deck openings in way of Bridge				
Thickness of Plating within line of openings..				
If Sheathed, material and thickness.....				
Third Deck.				
Stringer Plate, breadth and thickness.....				
If Plated, state thickness.....				
Fourth Deck.				
Stringer Plate, breadth and thickness.....				
If plated, state thickness.....				
Poop Deck.				
Stringer Plate, breadth and thickness.....				
Plating, Sheathing, material and thickness.....				
Bridge Deck.				
Stringer Plate, breadth and thickness.....				
Plating, Sheathing, material and thickness.....				
Forecastle Deck.				
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?..... Yes			BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		SINGLE OR DOUBLE.	RIVETS.		No. OF ROWS OF RIVETS	RIVETS.		STRAPPED OR LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.			Diam.	Spacing. cr. to cr.		Diam.	Spacing. cr. to cr.	
	Inches.	Inches.	Inches.	Inches.								
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	}							
BILGE PLATING, No. of } Strakes{	One	.61	.56	.49		Double	7/8	3.3"		Butts Welded		
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.....												
FORE'C'TLE SIDE PLATING												

WATERTIGHT BULKHEADS.

FORGINGS and CASTINGS.

On record: YBA/Coll's Wdk, 6 1/2 and dk/6 divisional WT Bths in Tween dks		Casting or Forging.		Scantlings.		Maker's Name.		Any Departure from Approved Plans to be Noted.		
Total No. of W.T. BULKHEADS in Vessel—		Ins.		Ins.		Ins.		Ins.		
Extending to Upper Deck (Sec. 3 c) One (1) (Coll. on Fr. 162)										
Deck next below Seven (7) (Fr. Nos. 12, 40, 58, 66, 93, 106 and 135)										
In Tween Decks — Six divisional W.T. Bths. (Fr. 19, 40, 66, 93, 106 and 135)										
As per Rule Seven (7)										
		STIFFENERS.								
Plating Thickness.		VERTICAL.		HORIZONTAL.						
Ins.		Scantlings.	Spacing.	Scantlings.	Spacing.					
MIDSHIP BULKHEAD (Fr. 93) Upper tween decks		.26	6x3 1/2 x 38	30	-					
" " Second " "		-	-	-	-					
" " Third " "		-	-	-	-					
" " Holds		.26/.39	12x3 1/2 x 38	30	-					
COLLISION " (in Hold) (Fr. 162)		.33/.50	7x3 x 36	24 3	Stgrs.	6'-0"				
AFTER PEAK " (Fr. 12)		.30/.35	7x3 x 38	24 2	"	6'-6"				
STEEEL.		Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)						Open Hearth		
		The Steel Co. of Canada, Ltd., Manitoba Rolling Mills Co. Ltd., Carnegie-Illinois Steel Corp., The Phoenix Iron Co., Dominion Steel and Coal Corp. Ltd., Algoma Steel Products Co. Ltd., Inland Steel Co., Bethlehem Steel Co.						Yes		
		Has the Steel been tested as required by the Rules?						Yes		

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 twenty-eighth 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.

Immersed main ship's side openings' Certificate issued - Copy attached.

A copy of each of the following Certificates attached hereto.

Certificate No. F-3866 for cast steel stern frame.

Certificate No. F-5244 for rudder.

Certificate No. F-4878 for steam steering engine, quadrant and tiller.

Certificate No. F-4726 for windlass.

Certificate Nos. F-3372, F-3370, F-4698, F-5237, F-3267, F-3369, F-5202, F-5249, F-3264, F-3371 & F-3715 for winches.

Certificate Nos. F-4174, F-4173 & F-4130 for anchors.

There are six divisional bulkheads in the tween decks, all watertight having the tonnage openings closed with rivetted plates except on bulkhead No.93 (between tween deck coal bunker and No.94 tween decks) which has steel hinging W.T. doors.

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's. 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 of the Application of Electric Arc Welding to Ship Construction have been complied with where applicable. Also Upper Dk. stringer plate E.W. to sheer strake, tween dk. bhd's. all E.W. and Deckhouses all E.W.

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	5700 lbs.	J.F.H.	F4174	29-9-42
	2nd "	5640 lbs.	J.F.H.	F4173	29-9-42
	Stream	2015 lbs.	J.F.H.	F4130	11-9-42

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. Parts of Bottom of Vessel coated with cement or approved composition Nos. 5 (B.R.) and 6 (E.R.) D.B. tanks and 3 fr. spaces fwd. and aft of them have 2" thk. cement on bottom shell. Remainder of D.B. tanks and bilges fore and aft cement washed throughout.

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, aft Port		S.W. 20.	390.
Double bottom, if under Boilers only No.5 (Dry)		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.		S.W. 368.25	1149	(If necessary, furnish further information by sketch.)			

Order for Special Survey No. 51 Date 31-7-41 1942. Sept. 21, Oct. 13,14,15,16,17,19,20,21,26,27. Nov. 2,3,4,6,7,9,10,11,12,13,14,15,16,17,26, Dec. 5,10,15,16,17,19,21,22,23. Total No. of Visits 35