

STEEL STEAMER or MOTORSHIP

Received at London Office 11 JAN 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 **October 27th, 1942**Port of **Vancouver, B. C.**No. **5827**Survey held at **Vancouver and North Vancouver, B.C.**Date First Survey **3rd July, 1942**Last Survey **15th October, 1942**

On the (State if Machinery Fitted Aft and if Single, Twin or Triple Screw)

Steel Single Screw Steamer "FORT THOMPSON"

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

6704.21CLASS ***100 A1 with Freeboard corresponding to a Summer Mid. Dpt. of 26'-10"**

State if with freeboard condition of Class

YesBuilt at **Vancouver and North Vancouver, B.C.**

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

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

L 416.00Launched **5th Sept., 1942** Yard No. **146**

Total

Breadth (greatest moulded)

B 56.88Builders **Burrard Dry Dock Co. Ltd.**

Gross Tonnage

7133.58

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

D 37.33Owners **Minister of Munitions & Supply of Canada.**

Register Tonnage

4243.53

1st Longitudinal Number (L x D)

15529Managers **Glen & Co. Ltd.**

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

2nd Numeral L x (B + D)

39191Residence **Glasgow.**

REGISTERED DIMENSIONS.

FEET.

Length

424.6'

Breadth

57.2'

Depth

34.9'

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'

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 x 3 1/2 .44	
" " Extends up to	2nd Deck.		" " bottom Angles	4 x 4 .50	
Reversed Frame Amidships, Angle	- - -		Side Girders, (No. each side and thickness)	One	
" " Extends up to	- - -		(BA.S. Top & Bottom	6 x 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 x 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)	15x4x4x.625		" " Gussets, spacing and scantling abaft 1/4 len. from stem	Continuous	
" " Third " " " "	- - -		" " Gussets, spacing and scantling from forward 1/4 len. from stem to Panting Area	17" x .40 (FL 2")	
No.2 Hold (Frs.106-135)	12x4x4x.625		Tank Side Brackets, height above base line at toe of Frame and thickness	104 1/2 x .45	
" " from 1/2 len. for'd. to 15% len. from Stem	- - -				
" " in Peaks, Angle or [or]	8 x 3 1/2 .34				
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	3/8 At 6 1/2 Dias.				
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	
			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	
SINGLE BOTTOM.			BEAMS.		
Floors, Depth and thickness at mid-line in Holds			Uppermost Continuous Deck, amidships	8 x 3 1/2 .46	
Height of Brackets at side above base line at toe of frame			" " in Way, Angle [or]	- - -	
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]		
			Spacing		
DOUBLE BOTTOM.			Poop Deck, Angle, [or]		
Solid Floors, thickness and spacing	.36" At 30"		Spacing		
" " Are Frame and Reversed Frame joggled?	Yes		Bridge Deck, Angle, [or]		
Bracket Floors, breadth and thickness at middle line	- - -		Spacing		
" " breadth and thickness at margin plate	- - -		Forecastle Deck, Angle, [or]		
			Spacing		

PILLARS AND DECKS.				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>				Stringer Plate, breadth and thickness in way of Bridge			
" in 'tween Decks, Size and Spacing				Thickness of Plating abreast Deck openings			
" " " " " "				Thickness of Plating abreast Deck openings in way of Bridge			
" in Holds				Thickness of Plating within line of openings.			
Centre Line Bulkhead in Holds				If Sheathed, material and thickness.			
Stiffeners and Spacing.				Third Deck.			
Plating, thickness of				Stringer Plate, breadth and thickness.			
STRINGERS AND DECKS.				If Plated, state thickness.			
Uppermost Continuous Deck.				Fourth Deck.			
Stringer Plate, breadth and thickness in Way				Stringer Plate, breadth and thickness.			
" " " " " "				If plated, state thickness.			
" Angle in Way				Poop Deck.			
Thickness of Plating abreast Deck openings in way of Well				Stringer Plate, breadth and thickness.			
Thickness of Plating abreast Deck openings in way of Bridge				Plating, Sheathing, material and thickness.			
Thickness of Plating within line of openings.				Bridge Deck.			
If Sheathed, material and thickness				Stringer Plate, breadth and thickness.			
Second Deck.				Plating, Sheathing, material and thickness.			
Stringer Plate, breadth and thickness in Way				Forecastle Deck.			
				Stringer Plate, breadth and thickness.			
				Plating, Sheathing, material and thickness.			

SHELL PLATING.				SHELL PLATING.			
SCANTLINGS.		RIVETING.		SCANTLINGS.		RIVETING.	
AS IN VESSEL.		EDGES.		AS IN VESSEL.		EDGES.	
AMIDSHIPS.		Yes		AMIDSHIPS.		Yes	
Breadth.	Thickness.	Single or Double.	Rivets.	Breadth.	Thickness.	Single or Double.	Rivets.
Inches.	Inches.		Diam. Spacing.	Inches.	Inches.		Diam. Spacing.
Inches.	Inches.		Inches. Inches.	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	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 Well	84 .70 .50 .50						
UPPER DECK, Sheer-strake in Bridge	- - - -	-	- - - -	-			
STRAKE BELOW Sheer-strake in Well	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				As			
As per Rule				Seven (7)			
STIFFENERS.				STERN FRAME			
VERTICAL.		HORIZONTAL.		Propeller Post			
Scantlings.	Spacing.	Scantlings.	Spacing.	Rudder			
Inches.	Inches.	Inches.	Inches.	Speed of Vessel			
MIDSHIP BULKHEAD (Fr. 93)	26 6x3 1/2 x 38	30	-	RUDDER—Type			
" " Second	- - - -	-	-	A x D			
" " Third	- - - -	-	-	Diam. of head			
" " Holds	26 39 12 3 1/2 x 38	30	-	Mainpiece at top pintle			
COLLISION " (in Hold)	Fr. 162 33 30 7x3x.36	24 3 Stgs. 6'-0"	-	heel			
AFTER PEAK " (Fr. 12)	30 35 7x3x.38	24 2 " 6'-6"	-	how constructed			
Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)				Built, Rivd., & E.W.			
The Steel Co. of Canada, Ltd., Manitoba Rolling Mills Co. Ltd., Carnegie-Illinois Steel Corp., The Phoenix Iron Co., Algoma Steel Products Co. Ltd., Inland Steel Co., Bethlehem Steel Co., & The Youngstown Sheet & Tube Co.				Double			
Has the Steel been tested as required by the Rules?				Horizontal			
Yes							

EQUIPMENT No. 39800				LETTER a				ANCHORS.			
Number of Certificate.		WEIGHT, EX. STOCK.		WEIGHT OF STOCK.		TEST, PER CERTIFICATE.		WEIGHT REQUIRED BY SPECIFICATION.		Description of Anchor.	
F4109		76 55 185		Cwts. qrs. lbs.		Tons cwt. qrs. lbs.		Cwts.		Makers.	
F4108		76 50 185		Cwts. qrs. lbs.		Tons cwt. qrs. lbs.		Cwts.		Where and when tested and Superintendent.	
F4112		153 05 185		Cwts. qrs. lbs.		Tons cwt. qrs. lbs.		Cwts.		Makers.	
Stream		24 15 185		Cwts. qrs. lbs.		Tons cwt. qrs. lbs.		Cwts.		Where and when tested and Superintendent.	

CHAIN CABLES.				HAWERS AND WARPS.			
Number of Certificate.		Length and size supplied.		Length and size supplied.		Length and size supplied.	
Length.		Diam.		Length.		Diam.	
Fathoms.		Inches.		Fathoms.		Inches.	
1334		225 2 1/2		225 2 1/2		225 2 1/2	
F4109		225 2 1/2		225 2 1/2		225 2 1/2	
F4108		225 2 1/2		225 2 1/2		225 2 1/2	
F4112		225 2 1/2		225 2 1/2		225 2 1/2	
Stream		225 2 1/2		225 2 1/2		225 2 1/2	

Steering Gear, Type (Power or hand)				Efficient arrangement of blocks and tackle led			
Steam with telemotor control				(Alternative Means of Steering to after warping winch.)			
Steering Chains (Size and Test)				Windlass Steam 11" x 13"			
Ceiling in Holds, thickness and material				2 1/2" thk. B.C. Fir			
Cargo Hatchways.—(Upper Deck)				Strong steel plates and angles			
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' No. 6 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			
				President			

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			
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 ship has also been surveyed during				construction on behalf of the Minister of Munitions & Supply of Canada in accordance with the Hull			
Specification requirements which have been carried out to our satisfaction. The equipment of anchors				and chain cables is in accordance with the War Emergency Reduction of Equipment requirements. Regarding			
the anchors all the requirements of Sections 12 and 13 of the Rules for Quality and Testing of Materials				have been carried out except the Statutory Tests of Section 12 for which tensile tests on the materials			
of each head and shank were substituted, (28 tons per sq. inch minimum, with the usual extension).				It is recommended that a suitable Notation be entered on the First Entry Certificate because of these			
departures from the Rules.							

The amount of Entry Fee				Fees applied for			
\$ 50.00				26th Oct. 1942			
Special Survey Fee				\$ 2145.00			
Freeboard				\$ 100.00			
Travelling Expense, if any				\$ 50.00			
Owners' Rep.				\$ 1000.00			
State whether the Vessel has been built under Special Survey				Yes			
Certificate to be sent to				Wyk.			
Date of issue				22/3/42			
Committee's Minute				+ 100 A1			
Character assigned				With freeboard			
Built of steel, rivd. ply. Elec. Weld				OK. E.S.S.			
note for S.R.L.				Wike Tof (H) Anyl.			
Surveyors to Lloyd's Register of Shipping.				+ Amb 10.42			

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-first 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-3398 for cast steel stern frame.

Certificate No. F-4350 for rudder.

Certificate No. F-3979 for steam steering engine, quadrant and tiller.

Certificate No. F-3876 for windlass.

Certificate Nos. F-1838, F-1840, F-3577, F-3586, F-1781, F-1783, F-4285, F-4299, F-1841, F-1839, & F-4314 for winches.

Tonnage openings in tween deck bulkheads have all been efficiently closed with steel plates, rivetted on all bulkheads except No.93 where bolted as per approved plans. All tween deck bulkheads have been hose tested and found satisfactory. (No.93 bulkhead is between tween deck bunker and No.3 tween decks.)

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 for the Application of Electric Arc Welding to Ship Construction have been complied with where applicable. Upper Deck stringer plate welded to shell sheer strake.

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	5520 lbs.	J.F.H.	F4109	10-8-42
	2nd "	5525 lbs.	J.F.H.	F4108	10-8-42
	Stream	1970 lbs.	J.F.H.	F4112	10-8-42

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 (Circ. 1611) Over-all Length 441.5' (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 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 and enamel throughout. Bitumastic solution and enamel 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, Star'd.	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
Dates of Surveys held while building
1942. - July 3, 24 Aug. 6, 22, 27 Sept. 5, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, Sept. 18, 19, 22, 28 Oct. 7, 9, 10, 13, 15.

Total No. of Visits 25