

Rpt. 1.
RECEIVED

21 JAN 1944

IN D.O.

Date of completion of report 15th January, 1943

Date of re-typing report- 15th September, 1943.

Survey held at Vancouver, B.C.

Date First Survey

24th Sept. 1942

Last Survey

7th January,

19 43

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

Steel Single Screw Steamer "FORT FINLAY"

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....

6704.11

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

Total

Gross Tonnage

7133.95

Register Tonnage

4243.92

REGISTERED DIMENSIONS.
FEET.

Length

424.6'

Breadth

57.2'

Depth

34.9'

CLASS *100 A.1 with Freeboard corresponding to a Summer Mld Dft. 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 416.0

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

26.86

Draught Moulded

Built at Vancouver, B. C.

Launched 17th November 1942 Yard No. 112

Builders West Coast Shipbuilders, Ltd.

Owners Minister of Munitions & Supply of Canada.

Managers Messrs. Sir R. Ropner & Co. Ltd.

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

Residence West Hartlepool.

Port of Registry

If surveyed while building, afloat, or in dry dock

Whilst 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 3/4 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 9/16	✓
Frame Amidships, Angle [or]	12x4x4x.47	✓	" " top Angles	3 1/2 x 3 1/2 x .44	✓
" " Extends up to	2nd deck	✓	" " bottom Angles	4 x 4 x .50	✓
Reversed Frame Amidships, Angle	--		Side Girders, No. each side and thickness	One	✓
" " Extends up to	--		BA.S Top & Bottom	6x3 1/2 x .44	✓
Depth of Framing Girder	12	✓	Margin Plate depth (excl. of flange) and thickness	40 1/2 x 9/16	✓
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	✓
" " Second 'tween Decks, Angle [or]	--		" " Vertical Angle to Tank side Bracket from forward 1/4 len. from stem to Panting Area	Brackets	✓
No.1 Hold (Frs. 135 - 162)	15x4x4x.625	✓	" " Gussets, spacing and scantling abaft 1/4 len. from stem	10 1/2 x 3 (FL 2")	✓
No.2 Hold (Frs. 106 - 135)	12x4x4x.625	✓	" " Gussets, spacing and scantling from forward 1/4 len. from stem to Panting Area	Continuous	✓
" " from 1/2 len. for'd. to 15% len. from Stem	--		Fr.144	17 x 3 (FL 2")	✓
" " in Peaks, Angle [or]	8 x 3 1/2 x .34	✓	Fr.144 to fore peak and Tank Side Brackets, height above base line at toe of Frame and thickness	Continuous 10 1/2 x 7/16"	✓
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	7/8 At 6 1/2 Dia.	✓	INNER BOTTOM PLATING.		
State if Frame Joggled	No	✓	Breadth and thickness of Middle Line Strake	84 x 1/2	✓
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	Yes	✓	Thickness of remainder in Holds	7/16	✓
Are the scantlings and arrangements in way of the Bottom Forward 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	✓
SINGLE BOTTOM.			BEAMS.		
Floors, Depth and thickness at mid-line in Holds			Uppermost Continuous Deck, amidships	8x3 1/2 x .48	✓
Height of Brackets at side above base line at toe of frame			" " in way of Bridge, Angle, [or]	--	
Middle Line Keelson, on Floors, Angles, [or]			Spacing	Every frame	✓
" " Through Plate or Intercoastal Plate			Second Deck, amidships, Angle [or]	9x3 1/2 x .38	✓
" " Foundation Plate on Floors			Spacing	Every frame	✓
" " Flat Plate Keel Angles			Third Deck, amidships, Angle [or]		
Side Keelsons, No. each side			Spacing		
" " thickness of Intercoastal Plate			Fourth Deck, amidships, Angle [or]		
" " Angles			Spacing		
DOUBLE BOTTOM.			Poop Deck, Angle [or]		
Solid Floors, thickness and spacing	11/32 @ 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.				INCHES IN SHIP.		Any Departure from Approved Plans to be Noted.	
PILLARS, No. of Rows.	One - in tween decks only						
" in tween Decks, Size and Spacing.	6x6x5/8 on alt. frs.						
" in Holds							
Centre Line Bulkhead, in Holds	12x4x4x7/16 on alt. frs.						
Stiffeners and Spacing.	5/16						
Plating, thickness of							
STRINGERS AND DECKS.							
Uppermost Continuous Deck.							
Stringer Plate, breadth and thickness in Wells	61 x 5/8						
" in way of Bridge							
Angle in Wells	6 x 6 x 8						
Thickness of Plating abreast Deck openings	9/16"						
Thickness of Plating abreast Deck openings							
Thickness of Plating within line of openings.	3/8"						
If Sheathed, material and thickness							
Second Deck.							
Stringer Plate, breadth and thickness in Wells	50 x 7/16"						

SCANTLINGS.				RIVETING.				
STRAKES.	AS IN VESSEL.			ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.				
	AMIDSHIPS.	FORWARD.	AFT.					
	Breadth.	Thickness.	Thickness.					
	Inches.	Inches.	Inches.					
FLAT PLATE KEEL	52	3/4	11/16	11/16				
" DBLG. (if any)								
BOTTOM PLATING, No. of Strakes	5/8	1/2	1/2					
BILGE PLATING, No. of Strakes	5/8	1/2	1/2					
SIDE PLATING, No. of Strakes	5/8	1/2	1/2					
UPPER DECK, Sheer-strake in Wells	84	11/16	1/2	1/2				
UPPER DECK, Sheer-strake in Bridge								
STRAKE BELOW SHEER-strake in Wells	78	5/8	1/2	1/2				
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	One (1) Coll. on Fr. 162								
Extending to Upper Deck (Sec. 3 c)	Seven (7) Frs. 12, 40, 58, 66, 93, 106								
In tween decks: Six divisional W.T. Bulkheads Fr. 19 & 135.	As per Rule Seven (7) 40, 66, 93, 106 and 135.								
STIFFENERS.									
	Plating Thickness.	VERTICAL.	HORIZONTAL.						
		Scantlings.	Spacing.						
MIDSHIP BULKHD.	Upper tween decks	1/4	6x3x1.38	30"					
"	Second								
"	Third								
"	Holds	1/4	12x3x1.38	30"					
COLLISION	(in Hold)	Fr. 162	11/32	7x3x.36	24"	3 Strgs 6'0"			
AFTER PEAK		Fr. 162	5/16	7x3x.38	24"	" 6'0"			
STEEL.	Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture).								
	Algoma Steel Corp., Manitoba Rolling Mills, Central Iron & Steel, Phoenix Iron Co., U.S. Steel Corp., Steel Company of Canada.								
	Has the Steel been tested as required by the Rules? Yes								

EQUIPMENT No. 39800										LETTER #		ANCHORS.	
Number of Certificate.	Anchor.	Weight, Ex. Stock.	Weight of Stock.	Test, Per Certificate.	Specification.	Description of Anchor.	Makers.	Where and when tested and Superintendent.					
F5038	1st Bower.	7823			68	C.S. "Baldt"	Vulcan Iron Works Ltd.	Winnipeg	J.F. Hind				
F5040	2nd "	7810			68	Type Stockless							
	3rd "												
	Collective Weight.	15633			136	G.S. "Baldt"	Vulcan Iron Works Ltd.	Winnipeg	J.F. Hind				
F5041	Stream	2771			234	Type Stockless							
CHAIN CABLES.													
Number of Certificate.	Length and size supplied.	Test per Certificate.	Weight of Chain Cable.	Length and Size of Cable.	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.	Fathoms.				Length.	Cir.	Length.	Cir.	
1562	225 2 1/2	2 1/2	71492 lbs. 600	225 2 1/2	2 1/2	stud Baldt	Chester, PA	TOWLINE.	120	4 1/2	65.3	120	4 1/2
1556	2 1/2	2 1/2	1000 lbs	--	--	link Co.	J.K. Helms		183	2 1/2	15.5	2090	2 1/2
						NACO National	Sharon, PA		183	2 1/2	13.28	2090	2 1/2
						Links	A.T. Grimes						
	91 5/8	5	53.22		90	Wrights Canadian Ropes, Ltd.	--						
Steering Gear, Type (Power or hand) Steam with telemotor control Alternative Means of Steering Blocks and tackle to aft warping winch													
Steering Chains (Size and Test) Windlass Steam 11" x 13" Boats 10260"													
Ceiling in Holds, thickness and material 2 1/2" B.C. Fir Cargo Batts, thickness, material and spacing 1-3/4" B.C. Fir (9" Clear													
Cargo Hatchways. (Upper Deck) Steel plates and angles Thickness of Hatches 3" B.C. Fir Cross Bunker No. 6 8'x20'													
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 & 5 Nos. 3 - 2 Cross Bunker - 1.													
Builder's Signature WEST COAST SHIPBUILDERS LTD.													
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 tanks 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. Regarding the anchors all the requirements of Sections 12 & 13 of the Rules for Quality and testing of Materials have been carried out except the statutory tests of Sections 12 for which tensile tests on the materials of head and shank were substituted, (28 tons per square inch minimum with the usual extension). It is recommended that a suitable Notation be entered in the First Entry Certificate because of these departures from the Rules. This ship has been surveyed on behalf of the Minister of Munitions and Supply of Canada 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, 6th Jan. 1943													
Special Survey Fee 2145.00 Received by me, 19													
Travelling Expense, if any 50.00													
Owners' Repres. 1000.00													
State whether the Vessel has been built under Special Survey Yes													
Certificate to be sent to Myh. Date of issue 4/9/44													
Committee's Minute													
Character assigned +100 A.1 with freeboard													
+LMC 1.43 FD CL													

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 twelfth of this type to be built by the West Coast Shipbuilders, Ltd., to the order of the Minister of Munitions & Supply of Canada and is a sistership to the West Coast Shipbuilders (Yard No.101 - "FORT CHILCOTIN") - (Vancouver Report No. 5764).

The approved plans have been retained for sisterships building and to be built.

Blue print of the plan of the midship section is forwarded herewith.

Interim Certificate issued - copy attached.

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

No. F-4604 cast steel stern frame.

No. F-5276 rudder.

No. F-4879 steering engine, quadrant and tiller.

No. F-4696 steam windlass.

Nos. F-3297, F-3295, F-5205, F-5204, F-3266, F-3296, F-5206, F-5207, F-3265, F-3298, F-3711 for winches

Nos. F-5038, F-5040 & F-5041 for anchors.

There are six divisional bulkheads in the tween decks, all watertight having tonnage openings closed with riveted plates, except on Bhd. No.93 (between tween deck bunker and No.3 tween deck) which has steel hinging W.T. doors. All tween deck bulkheads have been hose tested and found satisfactory.

This ship sustained slight side shell damage in way of engine room on port side, whilst lying at the Builders' fitting-out wharf, the cause of which was stated to be unknown. (Vancouver Report No. 5866 is forwarded herewith.

PARTICULARS OF ELECTRIC WELDING (if employed) D.B. Tanks:- W.T. floors, margin plates, to shell, side frame brackets and to floors, gusset plates to tank top and frame bracket, - - - - - hold bulkheads to tank top, 2nd deck closing plates to shell and frames, plate butts of shell, 2nd deck, upper deck, centre girder, hatch side girders and other items of minor importance. Electrodes:- Complying with section 4, 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.

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	5718 lbs.	J.F.H.	F-5038	17-11-42
	2nd "	5860 lbs.	J.F.H.	F-5040	17-11-42
	Stream	2041 lbs.	J.F.H.	F-5041	17-11-42

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 439.8' (Circ. 1611) (Circ. 1703)

No. and Material of Decks Two - Steel

Parts of Bottom of Vessel coated with cement or approved composition D.B. tanks cement washed and fillets on bottom shell, except in way of F & B spaces, where there is 1-1/2" cement on bottom shell, cement washed elsewhere throughout. Bitumastic solution and enamel on tank top in E & B spaces. Steelwork in bilges cement washed throughout. 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.)

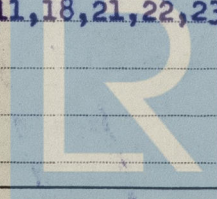
Where Fitted.	Length.	Water Capacity.	Where Fitted.	Length.	Water Capacity.
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft, Nos. 7 & 8 S.W.	135.0	306	Fore peak tank, S.W.	22.	145
Double bottom, under Engines and Boilers, No. 6 S.W.	25.0	106	After peak tank, S.W.	24.	160
Double bottom, if under Engines only, No. 5 S.W.	20.0	89	Deep tank, Port S.W.	20.	390
Double bottom, if under Boilers only, Nos. 1, 2, 3 & 4 S.W.	188.25	648	Deep tank, forward, Starbd. S.W.	20.	375
Double bottom, forward, Nos. 1, 2, 3 & 4 S.W.	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. 59

Date 30-3-42

Dates of Surveys held while building

1942. Sept. 24, Oct. 22, 23, 26, 27, 28, 31. Nov. 2, 3, 5, 6, 9, 10, 11, 12, 13, 14, Nov. 15, 16, 17. Dec. 7, 8, 10, 11, 18, 21, 22, 23, 28, 29, 30, 31. 1943 Jan. 2, 5, 7.



Lloyd's Register Foundation

Total No. of Visits

35