

STEEL STEAMER or MOTORSHIP

129 DEC 1942

Received at London Office

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 October 23rd, 1942 Port of Vancouver, B. C. No. 5825

Survey held at Vancouver, B. C. Date First Survey July 16th, 1942 Last Survey October 17th, 1942

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

State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) C.S.S. with T.O. closed

State Type of Erections

TONNAGE under 6704.22
Tonnage DeckDo. of space or spaces
between Tonnage Dk.
and Upper Dk.

Total

Gross Tonnage 7133.59

Register Tonnage 4256.40

REGISTERED DIMENSIONS.
FEET.

Length 424.6

Breadth 57.2

Depth 34.9

CLASS *100 A1 with State if with freeboard
Freeboard corresponding condition of Class
to a Summer Mld. Draft 26'-10"Length from fore part of stem to after part of stern
post on summer L.W.L. See Sec. 3 (1a) 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 Dk. 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) 25.08Proportions—Depth to Length — Uppermost con-
tinuous deck to top of keel 11.14Do. Long Bridge to top
of keel

Draught Moulded 26.86'

Built at Vancouver, B. C.

Launched 15th August, 1942 and No. 107

Builders West Coast Shipbuilders, Ltd.

Owners Minister of Munitions & Supply
of Canada.Managers McCowen & Gross, Ltd.
(Where necessary to be entered in Reg. Book.)

Residence London

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 3/8 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	4x4x.50	
Reversed Frame Amidships, Angle			Side Girders, No. each side and thickness	One	
" " Extends up to			B.A.'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 .54	
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	
" " Second 'tween Decks, Angle, [or]			" " Vertical Angle to Tank side Bracket from forward 1/4 len. from stem to Panting Area	Tank side brackets	
" " No.1 Hold Frs. 135-162 CH	15x4x4x.625		" " Gussets, spacing and scantling abaft 1/4 len. from stem	10 1/2 x .40 FL 2"	
" " No.2 Hold Frs. 106-135 CH	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	12x4x4x.625		" " Tank Side Brackets, height above base line at toe of Frame and thickness	17 x .40 FL 2"	
" " in Peaks, Angle, [or]	8x3 1/2 x .34			104 1/2 x .45	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	7" at 6 1/2 Dias.		INNER BOTTOM PLATING.		
State if Frame Joggled	No		Breadth and thickness of Middle Line Strake	84 x .48	
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	Yes		Thickness of remainder in Holds	.44	
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 in Wells, Angle, [or]	8 x 3 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 BA	
" " Foundation Plate on Floors			Spacing	12x4x4x.47 CH	
" " Flat Plate Keel Angles				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 @ 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		

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 seventh 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 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:-

No. F-1741 for cast steel stern frame.

No. F-3910 for rudder.

No. F-3737 for steam steering engine, quadrant and tiller.

No. F-3429 for windlass.

Nos. F-1780, F-1782, F-4235, F-4234, F-1733, F-1731, F-4311, F-4312, F-1730, F-1732, & F-4313 for winches.

Tonnage openings in tween deck bulkheads have been efficiently closed with steel plates, riveted on all bulkheads excepting No.93 bulkhead which is fitted on with bolts, spaced 5-3/4" centre to centre between rivets in stiffeners (as per approved plan)..

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 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	5675 lbs.	J.F.H.	F4098	29-7-42
	2nd "	5620 lbs.	J.F.H.	F4099	30-7-42
	Stream	2040 lbs.	J.F.H.	F4102	29-7-42

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 439.7' (Circ. 1611) (Circ. 1708)

No. and Material of Decks Two (2) - steel

Parts of Bottom of Vessel coated with cement or approved composition (Double bottom tanks, cement wash and fillets on bottom shell throughout and cement washed elsewhere except under E & B spaces where there is cement on bottom shell, 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.)
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, aft (Port) S.W.	20.	390
Double bottom, if under Boilers only, No.5 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	368.25	1149.	(If necessary, furnish further information by sketch.)		

Order for Special Survey No. 48
Date 17-7-41
1942. July 16,20,24,27,28,29,30. Aug. 1,3,5,6,7,8,10,11,13,14,15.
Sept. 1,3,8,9,12,14,18,21,24,25,27,28,29,30.
Oct. 1,2,5,6,7,9,17.

Total No. of Visits 39