

RETAIN

Rpt. 1.

STEEL STEAMER or MOTORSHIP

Received at London Office

4 MAR 1947

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

SECTION

No 814

Date of completion of report 4th January, 1942 Port of Vancouver, B. C. No. 5850

Survey held at Victoria, B. C. Date First Survey 4th July, 1942 Last Survey 12th December, 1942

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

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

TONNAGE under 6701.83 Tonnage Deck...

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

Total

Gross Tonnage 7128.16

Register Tonnage 4252.62

REGISTERED DIMENSIONS. FEET.

Length 424.6

Breadth 57.2

Depth 34.9

CLASS *100 A1 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)

Breadth (greatest moulded) 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)

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

Built at Victoria, B. C.

Launched 11th Oct., 1942 and No. 24

Builders Victoria Machinery Depot Co. Ltd.

Owners Minister of Munitions & Supply of Canada.

Managers W.H. Seager & Co. Ltd.,

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

Residence Cardiff.

Port of Registry

If surveyed while building, afloat, or in dry dock

26.86' 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 .56	✓
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.....	-	-	(BA.S. Top & Bottom	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) [or [	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")	✓
" " from 1/2 len. for'd. to 15% len. from Stem	12x4x4x.625	✓	Fr.144 to R.P. Bnd.	Continuous	✓
No.2 Hold (Frs.106-135) [or [	8 3 1/2 .34	✓	Tank Side Brackets, height above base line at toe of Frame and thickness	10 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 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.		
ANGLE BOTTOM.			Uppermost Continuous Deck, amidships	8 3 1/2 .46	✓
Floors, Depth and thickness at mid-line in Holds			" " in Wells, Angle [or [-	-
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	12x4x4x.47	✓
Flat Plate Keel Angles			Third Deck, amidships, Angle, [or [	Every Frame	✓
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 .....	.35" 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.

	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. One- in tween decks only.			Stringer Plate, breadth and thickness in way of Bridge		
" in 'tween Decks, Size and Spacing...	6 6 1/2 (O.A.)		Thickness of Plating abreast Deck openings in way of Wells	.35	
" " " " " "	on alt. frs.		Thickness of Plating abreast Deck openings in way of Bridge		
" in Holds			Thickness of Plating within line of openings.	.34	
" " " " " "			If Sheathed, material and thickness.		
Centre Line Bulkhead in Holds			Third Deck.		
Stiffeners and Spacing	12 x 3 1/2 x 3 1/2 x 7 1/2		Stringer Plate, breadth and thickness		
Plating, thickness of	on alt. frs.		If Plated, state thickness.		
	.30		Fourth Deck.		
STRINGERS AND DECKS.			Stringer Plate, breadth and thickness		
Uppermost Continuous Deck.			If plated, state thickness.		
Stringer Plate, breadth and thickness in Wells	61 x .64		Poop Deck.		
" " " " " in way of Bridge			Stringer Plate, breadth and thickness		
E.W. to Shell-Sheer-Strake			Plating, Sheathing, material and thickness		
Angle in Wells			Bridge Deck.		
Thickness of Plating abreast Deck openings in way of Wells	.55		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.	.40		Forecastle Deck.		
If Sheathed, material and thickness			Stringer Plate, breadth and thickness		
Second Deck.			Plating, Sheathing, material and thickness		
Stringer Plate, breadth and thickness in Wells	50" x .43"				

SHELL PLATING.

SCANTLINGS.					RIVETING.				
STRAKES.	AS IN VESSEL.				EDGES.		BUTTS.		
	AMIDSHIPS.		FORWARD.	AFT.	State if jogged?	No	No. of Rows of Rivets	RIVETS.	
	Breadth. Inches.	Thickness. Inches.	Thickness. Inches.	Thickness. Inches.				Diam. Inches.	Spacing. cr. to cr. 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 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									
FORECASTLE SIDE PLATING									

WATERTIGHT BULKHEADS.

For record: 7 BH (Coll to Wdk. 6 to 2nd dk) 6 divisional WT BHs in 'tween dks
Total No. of W.T. BULKHEADS in Vessel—
 Extending to Upper Deck (Sec. 3 c) One (1) Coll. on Fr. 162
 Deck next below Seven (7) (106 & 135)
In Tween Decks—Six divisional W.T. Bhd. (Fr. 19, 40, 66, 93, 106 & 135)
 As per Rule Seven (7)

	Plating Thickness. Ins.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKHEAD (Fr. 93) Upper tween decks	.26	6 x 3 1/2 x .38	30	-	-
" " Second	-	-	-	-	-
" " Third	-	-	-	-	-
" " Holds	.26/.39	12 x 3 1/2 x .38	30	-	-
COLLISION " (in Hold Fr. 162)	.33/.50	7 x 3 x .36	24	3 Stgs.	6'-0"
AFTER PEAK " (Fr. 12)	.30/.35	7 x 3 x .38	24	2 "	6'-6"

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
KEEL Bar	Flat Plate	-	-	-
STEM (Upper Lower)	M.S. Fashion Plate Rolled Bar 10" x 2"	-	Algoma Steel Products Co. Ltd.	-
STERN FRAME (Propeller Post Rudder)	C.S. As Appd. - Ver. Eng. Wks.	-	-	-
Speed of Vessel	Not exceeding 12 Knots			
RUDDER—Type	Semi-Balanced Streamlined			
" A x D	282	-	-	-
" Diam. of head	-	9 1/2 Dia.	-	-
" Mainpiece at top pintle	-	12 Dia.	-	-
" " heel	-	9 1/2 Dia.	-	-
" how constructed	Built, Riv. & E.W.			
" double or single plate coupling, vertical or horizontal	Double	-	-	-
	Horizontal	-	-	-

STEEL. Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) Open Hearth
 Steel Company of Canada, Algoma Steel Products Co., Alan Wood Steel Co., Manitoba
 Rolling Mills, Phoenix Iron Works, and Bethlehem Steel Co.
 Has the Steel been tested as required by the Rules? Yes

No 71. Cont. No. 1539 The Cable (225 ft.), 19 joining bolls and 2 (only) end sheathes

NO 731- Cert. No. 1559. This cable (225 fms.), 19 joining links and 2 (only) end shackles fitted at Victoria, B.C. This one end shackle fitted at Victoria, B.C.

EQUIPMENT No. 39800				LETTER af		ANCHORS. 2-1		
Number of Certificate.	Anchor.	WEIGHT, EX. STOCK.	WEIGHT OF STOCK.	TEST, PER CERTIFICATE.	WEIGHT REQUIRED BY SPECIFICATION.	Description of Anchor.	Makers.	Where and when tested and Superintendent.
F-4165	1st Bower.....	4735 lbs.			68.0	Baldt Type Stockless	Vulcan Ironworks Ltd.	Winnipeg, Manitoba 2/6/42
F-4166	2nd ".....	4670 lbs.			68.0	" " "	Winnipeg, Manitoba	J.F. Hind
	3rd ".....							
	Collective Weight.	15405 lbs.			136.0			
F-4170	Stream.....	2785 lbs.			23 3/4	Baldt Type Stockless	Vulcan Ironworks Ltd. Winnipeg, Manitoba	2/9/42. J.F. Hind

CHAIN CABLES.

HAWSERS AND WARPS.

Number of Certificate.	Length and size supplied.		Test per Certificate.	WEIGHT OF CHAIN CABLE		Length and size supplied.	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.						Length.	Cir.		Length.	Cir.
1559	225	2 5/8	A 303320 lb.	69751 lb.	600	225	2 5/8	National Malleable Iron Co. Sharon, P.A.	18/9/42, A.T. Grimes	TOWLINE	120	4 3/4	75.5	120	4 3/4
1571	1 end shackle for 2 5/8 cable		A 303320 lb.	170 lb.				Sharon, P.A.	16/10/42, A.T. Grimes	HAWSERS & WARPS	2090	2 3/4	17.85	2090	2 3/4
			B 424630 lb.	69,921 lb.							2090	2 1/2	15.8	2090	2 1/2
Iron Stream Chain or Steel Wire	90	5"	Tons 59.83	(6x12)		90	5"	British Rope Canadian Factory, Ltd.							

Steering Gear, Type (Power or hand) Steam with telemotor control (Efficient arrangement of blocks and tackle led to after warping winch.)

Steering Chains (Size and Test) Windlass Steam - 11" x 13" Boats 2020' x 6.75' x 2.60'
1026' x 8.00' x 3.25'
1028' x 8.60' x 3.75' (Motor)

Ceiling in Holds, thickness and material 2 1/2" thk. B.C. Fir Cargo Battens, thickness, material and spacing 2" thk. B.C. Fir

Cargo Hatchways.—(Upper Deck) Strong steel plates and angles Thickness of Hatches 3" thk. B.C. Fir

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' x Bkr. No. 6 7'11"x20'

Number of Shifting Beams Nos. 1, 2, 4 and 5 -- each 5. No. 3 - 2. x Bkr. - 1.

Builder's Signature Victoria Machinery Depot Co., 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, peaks, deep and fresh water tanks, decks, bulkheads, tunnels, watertight doors, hand pumps, 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 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 ship has also been surveyed during construction on behalf of the Minister of Munitions and Supply of Canada in accordance with the Hull Specification requirements which have been carried out to our satisfaction.

The amount of Entry Fee \$ 50.00 Fees applied for, 14th Dec. 1942 (Special notations, where part of class, to be stated.)
Special Survey Fee..... \$ 2145.00 Received by me, D.S. Foreyth I am of opinion the Vessel should be Classed *100 A1
Travelling Expense, if any \$ 100.00 with Freeboard.
Owner's Rep. \$ 1000.00

State whether the Vessel has been built under Special Survey Yes

Signature D.S. Foreyth
Surveyor to Lloyd's Register of Shipping.

Certificate sent to New York Date of issue 15th April 1943

Committee's Minute

Character assigned With freeboard

Build of shell & str. plat. Elec. Weld.
OL, E.S.D.
Note for S.R.D.
Note 115

6146 2 1/2
20, C.L.
Lloyd's Register Foundation

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 fifth of this type to be built by Victoria Machinery Depot Co. Ltd., and is a sistership to their Yard No. 20 - S.S. "FORT CAMOSUN" (Vancouver Report No.5760).

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-4349 for cast steel stern frame.

Certificate No. F-4723 for rudder.

Certificate No. F-4634A for steam steering engine, quadrant and tiller. Certificate No. F-6976- Mainplate

Certificate No. F-3160 for steam windlass. Certificate No. F-4323- Upper

Certificate Nos. F-4692, F-4322, F-4856, F-4857, F-4693, F-4318, F-4855, F-4858, F-4430, F-4690 & F-4216 for winches. Stock.

Certificate Nos. F-4165, F-4166, F-4170 for anchors.

Tonnage openings in tween deck bulkheads have all been efficiently closed with steel plates rivetted in position excepting at bulkhead No.93 where hinged steel W.T. doors fitted port and starboard.

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 b'hd'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. Also upper deck stringer plate to upper deck sheerstrake.

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	5740 lbs.	J.F.H.	F-4165	22-9-42
2nd "	5555 lbs.	J.F.H.	F-4166	22-9-42
Stream	1980 lbs.	J.F.H.	F-4170	26-9-42

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'

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

Parts of Bottom of Vessel coated with cement or approved composition Double bottom tanks Nos. 5 & 6, and parts Nos. 4 & 7 adjacent to machinery spaces and peaks cemented on bottom shell, double bottom tanks Nos. 1,2,3, part 4, part 7, and 8 fitted with efficient cement fillets at bottom shell/edges; steel work elsewhere cement washed. Particulars of composition (if fitted) and of approval (Bitumastic Solution and Enamel) washed. Steel work in bilges cement washed except in way of machinery spaces where bitumastic solution and enamel applied.

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 (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. 55

Date 24-11-41

Dates of Surveys held while building

1942. July 4,7,15,24,31 Aug. 6,8,13,14,20,28,29. Sept. 1,3,5,8,9,10,11,14, Sept. 15,16,18,19,21,22,24,25,26,28,29,30 Oct. 1,2,5,6,7,8,9,10,11, Oct. 13,17,20,21,23,26,27,28,30,31 Nov. 2,4,6,7,9,10,11,12,13,14,16, Nov. 17,18,19,20,21,23,24,25,26,27,28. Dec. 1,2,3,4,5,6,8,9,10,11,12.

Total No. of Visits 84