

Rpt. 1.

STEEL STEAMER OF MOTORSHIP

Received at London Office 27 MAY 1946

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 15th February, 1946 Port of Vancouver, B.C. No. 6822
Survey held at Prince Rupert, B.C. Date First Survey 22nd. May, 1945 Last Survey 4th April, 1946

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

State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) C.S.S. with tonnage opening Forecastle on State Type of Erections S.S. Deck

TONNAGE under Tonnage Deck... 634.76

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

Total

Gross Tonnage 898.27

Register Tonnage 419.63

REGISTERED DIMENSIONS. FEET.

Length 214.3

Breadth 36.6

Depth 11.5

CLASS 100 A1 with Freeboard

State if with freeboard as condition of Class Yes

Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) 210.00

Breadth (greatest moulded) 36.5

Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) 21.58

1st Longitudinal Number (L x D) 4531.8

2nd Numeral L x (B + D) 12196.8

Framing Depth "d," at middle of length. See Sec. 3 (1d) 11.38

Proportions—Depth to Length — Uppermost continuous deck to top of keel 9.7
Do. Long Bridge to top of keel

Draught Moulded 13'-11-5/16"

Built at Prince Rupert, B.C.

Launched 18th. October, 1945 Yard No. 58

Builders Prince Rupert Drydock & Shipyard

Owners Canadian Government

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

Residence Ottawa.

Port of Registry

If surveyed while building, afloat, or in dry dock

Building, afloat and in dry dock.

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.....	24	✓	Bracket Floors, Frame B.A.	6 x 3 1/2 x .28	✓
" " from 3/8 length amidships to Collision bulkhead.....	24	✓	" " Reversed Frame O.A.	4 x 3 x .31	✓
" " in peaks	24	✓	" " Vertical Struts	None	✓
SIDE FRAMING.			Centre Girder, depth and thickness amidships	33 x .40	✓
Frame Amidships, Angle, [or]	6 x 3 1/2 x .28	✓	" " top Angles Centre girder welded		✓
" " Extends up to Upper & 2nd. Decks alternately		✓	" " bottom Angles top and bottom		✓
Reversed Frame Amidships, Angle.....	- - -		Side Girders, No. each side and thickness.....	1 @ .31	✓
" " Extends up to.....	- - -		Margin Plate depth (excl. of flange) and thickness	28-3/8 x .38	✓
Depth of Framing Girder.....	6	✓	" " Vertical Angle to Tank side Bracket abaft 1/4 len. from stem	Welded	✓
Frames in Uppermost Continuous 'tween Decks, Angle, [or]	6 x 3 1/2 x .28	✓	" " Vertical Angle to Tank side Bracket from forward 1/4 len. from stem to Panting Area	Welded	✓
" " Second 'tween Decks, Angle, [or]	- - -		" " Gussets, spacing and scantling abaft 1/4 len. from stem	9 x 3/8 on alternate frs.	✓
" " Third " " " "	- - -		" " Gussets, spacing and scantling from forward 1/4 len. from stem to Panting Area.....	Tank Top carried to shell	✓
" " from 1/2 len. for'd. to 15% len. from Stem B.A.	6 x 3 1/2 x .28	✓	Tank Side Brackets, height above base line at toe of Frame and thickness	31 x .31	✓
" " in Peaks, Angle or [.....	6 x 3 1/2 x .28	✓	INNER BOTTOM PLATING.		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	3" @ 7 diag.	✓	Breadth and thickness of Middle Line Strake.....	48 x .38	✓
State if Frame Joggled	Yes		Thickness of remainder in Holds .....	.38	✓
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?	As approved	✓
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	Yes	✓	BEAMS.		
SINGLE BOTTOM. (In Engine Room) ✓			Uppermost Continuous Deck, amidships in Wells, Angle, [or]	5 x 3 x 3/8	✓
Floors, Depth and thickness at mid-line in Engine Room	37 x .44	✓	" " in way of Bridge, Angle, [or]	- - -	
Height of Brackets at side above base line at toe of frame	- - -		Spacing	24	✓
Middle Line Keelson, on Floors, Angles, [or]	- - -		Half Beams		
" " Intercoastal Plate.....	37 x .38	✓	Second Deck, amidships, Angle, [or]	6 x 3 1/2 x .38	✓
" " Foundation Plate on Floors	7/8" A 1"	✓	Full Beams	6 x 3 1/2 x .38	✓
" " Flat Plate Keel Angles Welded to keel		✓	Spacing	24	✓
Girder			Third Deck, amidships, Angle, [or]	- - -	
Side Keelsons, No. each side	One	✓	Spacing	- - -	
" " thickness of Intercoastal Plate.....	Welded to Floors	✓	Fourth Deck, amidships, Angle, [or]	- - -	
" "	- - -		Spacing	- - -	
DOUBLE BOTTOM.			Poop Deck, Angle, [or]	- - -	
Solid Floors, thickness and spacing .....	.31 @ 48	✓	Spacing	- - -	
" " Are Frame Joggled?	Yes	✓	Bridge Deck, Angle, [or]	- - -	
Bracket Floors, breadth and thickness at middle line	15 x .31	✓	Spacing	- - -	
" " breadth and thickness at margin plate	24 x .31	✓	Forecastle Deck, Angle, [or]	5 x 3 x .31	✓
			Spacing	24	✓

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.....	2	✓	Stringer Plate, breadth and thickness in way of Bridge	- - -	
" in tween Decks, Size and Spacing....	6-5/8 dia. x .43	✓	Thickness of Plating abreast Deck openings in way of Wells .....	.29	✓
" " " "	28 ft. max.	✓	Thickness of Plating abreast Deck openings in way of Bridge	- - -	
" in Holds " "	10 3/4 dia. x .50	✓	Thickness of Plating within line of openings..	.29	✓
" " " " "	28 ft. max.	✓	If Sheathed, material and thickness.....	- - -	
Centre Line Bulkhead.			Third Deck.		
Stiffeners and Spacing.....	None	✓	Stringer Plate, breadth and thickness.....		
Plating, thickness of.....	- - -		If Plated, state thickness.....		
STRINGERS AND DECKS.			Fourth Deck.		
Uppermost Continuous Deck.			Stringer Plate, breadth and thickness.....		
Stringer Plate, breadth and thickness in Wells	66 x .34	✓	If plated, state thickness.....		
" " " " in way of Bridge	- - -		Poop Deck.		
" Angle in Wells.....	3 1/2 x 3 1/2 x .38	✓	Stringer Plate, breadth and thickness.....		
Thickness of Plating abreast Deck openings } in way of Wells .....	.32	✓	Plating, Sheathing, material and thickness.....		
Thickness of Plating abreast Deck openings } in way of Bridge	- - -		Bridge Deck.		
Thickness of Plating within line of openings..	.29	✓	Stringer Plate, breadth and thickness.....		
If Sheathed, material and thickness	B.C. Fir-2 1/2	✓	Plating, Sheathing, material and thickness.....		
Second Deck.			Forecastle Deck.		
Stringer Plate, breadth and thickness in Wells	66 x .31	✓	Stringer Plate, breadth and thickness.....	.29	✓
			Plating, Sheathing, material and thickness.....	.29	✓
			No sheathing		✓

SHELL PLATING.

SCANTLINGS.					RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. State if jogged?.....			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.			Inches.	Inches.		Inches.	Inches.	
FLAT PLATE KEEL	45	.50	.50	.50		Double	3/4	3	Butts welded			
" DBLG. (if any)	-	-	-	-								
BOTTOM PLATING, No. } of Strakes 2 .....		.40	.38	.38		Double	3/4	3	Butts welded			
BILGE PLATING, No. of } Strakes 1 .....		.40	.38	.38		"	"	"	"	"		
SIDE PLATING, No. of } Strakes 2 .....		.38	.38	.38		"	"	"	"	"		
UPPER DECK, Sheer- } strake in Well	66	.44	.38	.38		"	"	"	"	"		
UPPER DECK, Sheer- } strake in Bridge	-	-	-	-								
STRAKE BELOW Sheer- } strake in Well	66	.40	.38	.38		Double	3/4	3	Butts welded			
STRAKE BELOW Sheer- } strake in Bridge	-	-	-	-								
POOP SIDE PLATING	-	-	-	-								
BRIDGE SIDE PLATING	-	-	-	-								
FORECASTLE SIDE PLATING	-	-	.30	-		Single	3/4	3	Butts welded			

WATERTIGHT BULKHEADS.

FORGINGS and CASTINGS.

STIFFENERS.					
Plating Thickness.	VERTICAL.		HORIZONTAL.		
	Ins.	Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKH'D, Upper tween decks	.25	4x3x1/4	0.4	31 1/2	
" " Second "	-	-	-		
" " Third "	-	-	-		
" " Holds Fr. 69	.31	5x3x.31	0.4	28	
COLLISION " (in Hold) Fr. 96	.38	5x3x.38	0.4	24	1 Strg. 6'0"
AFTER PEAK " " Fr. 6	1/2	3 1/2 x 2 1/4 x .31	27		

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) Open Hearth

Page Hersey Tubes Ltd., Steel Co. of Canada Ltd., Algoma Steel Corporation Ltd., Dominion Steel & Coal Corp. Ltd.

Dominion Bridge Co. Ltd. (Calgary Rolling Mill), Manitoba Rolling Mill Co. Ltd.

Has the Steel been tested as required by the Rules? Yes

EQUIPMENT No. 12663				LETTER A		ANCHORS.		
Number of Certificate.	Anchor.	WEIGHT, EX. STOCK.	WEIGHT OF STOCK.	TEST, PER CERTIFICATE.	WEIGHT SPECIFIED	Description of Anchor.	Makers.	Where and when tested and Superintendent.
F17892	1st Bower.....	2749 lbs.	-	55440 lbs.	25 1/2	Cast Steel	Westland	Vancouver, B.C.
F17893	2nd ".....	2745 "	-	55440 lbs.	25 1/2	"Bald" Type	Iron &	30 - 7 - 45
F17891	3rd ".....	2742 "	-	55432 lbs.	25 1/2	Stockless	Steel	L.B. Hampton
	Collective Weight.	8236 "	-		76 1/2		Foundries	
	Stream.....	900 "	-	23184 lbs.	8 (Specified)	Do.	Ltd.	Do.

CHAIN CABLES.

HAWSERS AND WARPS.

Number of Certificate.	Length and size supplied.		Test per Certificate.	WEIGHT OF CHAIN CABLE		Length and Size per Table 53.		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.	Diam.					Length.	Cir.		Length.	Cir.
45	210	1 1/2	132190 lbs.	26930 lbs.	242	210	1 1/2	H.T. Electro-Weld steel link	Vancouver, B.C.	13 - 8 - 45	TOWLINE	90	3 1/2	29	90	3 1/2
77	5 off 1 1/2		132190 lbs.	155 lbs.				Electric Steel Fary.	H.J. Rees	Vancouver, B.C.						
75	16 off 1 1/2		132190 lbs.	288 lbs.				Do.	L.B. Hampton	Vancouver, B.C.		1090	6	-	1090	6
								Do.	L.B. Hampton	Vancouver, B.C.		1090	5	-	1090	5
Stream	75	3 1/2	29.5			75	3 1/2	6X12 F.S.W.R.								

ering Gear, Type (Power of hand) Steam with telemeter control. Alternative Means of Steering Hand steering gear.

ering Chains (Size and Test) Windlass Steam - 9" X 10" Boats 4 @ 24.3' x 8' x 3.4' -
One with meter.

ling in Holds, thickness and material None fitted Cargo Battens, thickness, material and spacing 2" B.C. Fir 9" clear

go Hatchways.—(Upper Deck) Steel plates and angles. Thickness of Hatches 2 1/2" B.C. Fir.

of Hatchways No. 1 (Fwd.) 28'0" x 14'0" No. 2 52'0" x 14'0" No. 3 44'0" x 14'0" No. 4 --- No. 5 --- No. 6 ---

umber of Shifting Beams) No. 1 - 5. No. 2 - 10.

and/or Fore and Afters)

PRINCE RUPERT DRY DOCK & SHIPYARD

Builder's Signature

B. Hall

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. Yes
(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 conformity with the Society's Rules and Regulations and the Secretary's letters. The scantlings and arrangements are in accordance with, or equivalent to, those shown on the approved plans.

The materials and workmanship are of good quality.

The double bottom, peaks, auxiliary ballast, feed, fresh water, & O.F. settling tanks, decks, bulkheads, watertight doors, steering gear and windlass have been tested as required by the Rules and found satisfactory.

The freeboards assigned by the Committee have been marked on the ship's sides, verified and out in, & painted.

Oil is carried as fuel in the double bottom tanks (except in No. 1 double bottom tank in way of No. 1 Hold at forward end) and in two settling tanks situated at the fore end of the Boiler room. The flash point of the oil is not lower than 150°F. and Section 20 of the Rules has been complied with.

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 satisfactorily carried out, except a few minor items.

The ship is now laid up at Prince Rupert, awaiting disposal by the Assets Corporation.

The amount of Entry Fee \$ 15.00

Exam. Fee \$ 25.00

Special Survey Fee \$ 100.00

Travelling Expense, if any \$ 100.00

Steamer's Exp. \$ 100.00

Fees applied for,

22 Feb., 1946

Received by me,

19

(Special notations, where part of class, to be stated.)

I am of opinion the Vessel should be Classed 100 A1 with
Freeboard. Fitted for oil fuel 4.46 F.P. above 150°F.

State whether the Vessel has been built under Special Survey Yes

Certificate to be sent to Ver via H.Y.K. Date of issue. 26/7/46

Signature

Surveyor to Lloyd's Register of Shipping.

Committee's Minute

Character assigned

+ 100 A1
with freeboard

4.46 Ver.

Lloyds A.R.C.P.

+ L.M.C. 4.46

Fitted for oil fuel 4.46 F.P. above 150°F.

Waiter X

F.D. O.G.

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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.)
List of the Plans should be embodied.)

This ship is the first of the Type "B" Coasters built by the Prince Rupert Drydock & Shipyard to order of the Minister of Munitions and Supply of Canada and is a sistership to S.S. "OTTAWA PANDA" (Ver. Report No. 6)

The approved plans have been retained here for dealing with sisterships building and to be built.
Blue print of Midship Section plan (finished) forwarded herewith.
Interim Certificate issued - copy attached.

A copy of each of the following Certificates attached hereto:-
Certificate No. F16291 for cast steel stern frame.
Certificate No. F18324 for rudder.
Certificate No. F17863 for steam steering engine, quadrant and tiller.
Certificate No. F10677 for windlass.
Certificate No. F16550, F16551, F16552, F16036, F15983, & F16060, Each for one winch.
Certificate No. 501 for capstan.

PARTICULARS OF ELECTRIC WELDING (if employed) Buttocks of Keel, Tank Top, Tank Margin, all Decks and Shell plating, Cargo Hatch coamings, casings and Deckhouses. Beams of Tank Top, Oil Settling Tanks and Deckhouses. Stiffeners on Oil Settling Tanks and Deckhouses. W.T. Ends to Tank Top; Oil Settling Tank ends to side frames; All structure inside Double Bottom Tanks (excluding bottom frames to floors and shell plating and Brackets of Bracket Floors to bottom frames and reverse frames); Tank side brackets to Tank Margin; Gussset plates to Tank Margin; Main and auxiliary engine seatings, Deck Girders to 2nd deck; Heads and Heels of Hold and Tween Deck Pillars; Ventilator coamings to decks; Deckhouses to decks; Masts and Derrick Posts; Deck fittings and minor items.

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book. Part welded. Machinery aft. Cruiser stern. Fitted for the carriage of Oil Fuel - F.P. above 150°F.

Particulars of Drop Test of Cast Steel Anchors, viz:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	HEAD		SHANK	
	1st Bower	2024 lbs., N.N., F17847, 25 - 7 - 45	610 lbs., N.N., F17847, 25 - 7 - 45	
	2nd "	2026 lbs., N.N., F17760, 18 - 7 - 45	604 lbs., N.N., F17760, 18 - 7 - 45	
	3rd "	2018 lbs., N.N., F17763, 18 - 7 - 45	609 lbs., N.N., F17763, 18 - 7 - 45	
	Stream	621 lbs., N.N., F17849, 25 - 7 - 45	254 lbs., N.N., F17849, 25 - 7 - 45	

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop - - - ft., R.Q.D. - - - ft., Bridge - - - ft., Forecastle 29.9 (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 37.9 ft. (Circ. 1611) Over-all Length 224.2 ft. (Circ. 1703)
No. and Material of Decks Two - Steel. Exposed steel upper deck sheathed with 2 1/2" B.C. Fir.
Parts of Bottom of Vessel coated with cement or approved composition Bituminous composition in hold bilges, and fresh water trimming tank between Fr. Nos. 93 & 96. Cement wash in No. 1 double bottom tank only. Cement in peaks. Bottom of ship not coated in Nos. 2 and 3 D.B. Tanks and in No. 4 Tank under Boilers where Oil Fuel is carried.
Particulars of composition (if fitted) and of approval

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,	-	-	Fore peak tank,	-	-
Double bottom, under Engines and Boilers,	-	-	After peak tank,	-	37
Double bottom, under Engines only, <u>Cofferdam</u> ✓	2.0	-	Deep tank, aft,	-	24
Double bottom, under Boilers only, <u>No. 4</u> ✓	20.0	20.0	Deep tank, forward, <u>(Upper & Lower)</u>	-	-
Double bottom, forward, <u>No. 1, 2 & 3</u> ✓	122.0	240.4	Other tanks, if fitted <u>F.H. Tanks Bln. Fr. 93 & 96</u> ✓	-	-
Total length (if continuous) and Capacity	144.0	260.4	(If necessary, furnish further information by sketch.)	6	75

Order for Special Survey No. <u>128</u>	1945 May 22, 28, 31	June 1, 14, 27, 28, 29	July 7, 11, 16, 17, 18, 20, 23, 25,
Date <u>19 - 3 - 45</u>	28, 30, 31	August 1, 2, 3, 4, 6, 7, 8, 9, 10, 14, 18, 20, 21, 22, 23, 29, 30	Sept. 4
	October 10, 11, 12, 13, 15, 16, 17, 18, 19, 20, 22, 23, 24, 25	December 6, 7, 8, 10, 11,	
	12, 13	1946 January 7, 8, 9, 10, 11, 12, 15, 16, 17, 18, 19, 21, 22, 23, 24, 25, 26,	
	28, 29, 30, 31	March 31	April 4.
	Total No. of Visits <u>31</u>		

Has the Steel been tested