

Rpt. 1. 34096

(Note:- The tonnages given below are previous figures. State if Report has been sent on the Freeboard of the Vessel. Yes
New tonnage figures not available.) State if Report is sent on the Machinery of the Vessel. Yes

Date of completion of report December 28th, 1946 Port of TORONTO, CANADA No. 1225

Survey held at Port Arthur, Ont. Date First Survey October 8th, 1946 Last Survey October 26th, 1946

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) Single Screw Steam Vessel "OTTAWA MAYCOVE", (Machinery fitted aft)

State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) Closed Shelter Deck State Type of Erections None

TONNAGE under Tonnage Deck 234.97 CLASS 100A1 State if with freeboard as condition of Class Yes
"With Freeboard" FEET.
"Part Welded"
Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) L 140.0
Breadth (greatest moulded) B 27.0
Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) D 17.5
1st Longitudinal Number (L x D) = 2450
2nd Numeral L x (B + D) 140 x (27 + 17.5) = 6230
Framing Depth "d," at middle of length. See Sec. 3 (1d) 8.0
Proportions—Depth to Length — Uppermost continuous deck to top of keel — Do. Long Bridge to top of keel —
Draught Moulded 11.5
Built at Port Arthur, Ont.
Launched November 28/45 Yard No. 98
Builders Port Arthur Shipbuilding Co. Ltd.
Owners Chinese Govt. Supply Agency
Managers (Where necessary to be entered in Reg. Book.)
Residence
Port of Registry Shanghai
If surveyed while building, afloat, or in dry dock Afloat after completion

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	4 3 .32 ✓	
" " from 1/2 length amidships to Collision bulkhead	21 ✓		" " Reversed Frame	4 3 .32 ✓	
" " in peaks Fore Peak	24 ✓		" " Vertical Struts		
SIDE FRAMING.			Centre Girder, depth and thickness amidships	30 ✓ .32 ✓	
Frame Amidships, Angle, []	5 x 3 x .32 ✓		" " top Angles	Welded ✓	
" " Extends up to Upper Deck Alternative			" " bottom Angles	Welded ✓	
Intermediate Frames 2nd. to Upper Dk. 3 x 2 1/2 x .25			Side Girders, No. each side and thickness	62 per letter 18-4-47 .25 ✓	
Reversed Frame Amidships, Angle	- - -		Frames 25-63 Tank top side to side	.32 to .25 Ford.	
" " Extends up to	- - -		Margin Plate depth (excl. of flange) and thickness	Plate level welded to shell	
Depth of Framing Girder	5" ✓		" " Vertical Angle to Tank side Bracket abaft 1/4 len. from stem		
Frames in Uppermost Continuous 'tween Decks, Angle	5 x 3 x .32 Alternate		" " Vertical Angle to Tank side Bracket from forward 1/4 len. from stem to Panting Area		
" " Second 'tween Decks, Angle, []	3 x 2 1/2 x .25 ✓		" " Gussets, spacing and scantling abaft 1/4 len. from stem		
" " Third " " " "	- - -		" " Gussets, spacing and scantling from forward 1/4 len. from stem to Panting Area		
" from 1/2 len. for'd. to 15% len. from Stem	5 3 .32 ✓		Tank Side Brackets, height above base line at toe of Frame and thickness	3'-6 .25	
" in Peaks Angle or []	5 3 .32 ✓		INNER BOTTOM PLATING.		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	5/8 4-3/8 ✓		Breadth and thickness of Middle Line Strake	48 .32	
State if Frame Joggled Yes			Thickness of remainder in Holds	.32 to .25	
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved? 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? As approved	Yes ✓		BEAMS.		
SINGLE BOTTOM.			Uppermost Continuous Deck, amidships	4 x 3 x .25 ✓	
Floors, Depth and thickness at mid-line in [] Machinery Spaces	.38		" " []		
Height of Brackets at side above base line at toe of frame	3'-6"		" " []		
Middle Line Keelson, []	.32		Spacing	24" ✓	
" " []	.32		Second Deck, amidships, Angle, [or []	4 x 3 x .32 to 5 x 3 x .44 ✓	
" " []	.75		Spacing	24" ✓	
" " []	- - -		Third Deck, amidships, Angle, [or []	4 x 3 x .32 to 5 x 3 x .44 ✓	
" " Flat Plate Keel Angles	- - -		Spacing	.24	
Side Keelsons, No. each side	.44		Fourth Deck, amidships, Angle, [or []		
" " thickness of Intercoastal Plate	.32		Spacing		
" " Angles	4 x 3 x .38		Poop Deck, Angle, [or []		
DOUBLE BOTTOM.			Spacing		
Solid Floors, thickness and spacing	.25 24"		Bridge Deck, Angle, [or []		
" " Are Frames and Reversed Frames joggled? Yes			Spacing		
Bracket Floors, breadth and thickness at middle line	18 .25 Flanged 21"		Forecastle Deck, Angle, [or []		
" " breadth and thickness at margin plate Sides	24 x .25		Spacing		

PILLARS AND DECKS.					
	INCHES IN SHIP.			Any Departure from Approved Plans to be Noted.	
PILLARS, No. of Rows.....	As approved ✓				
" in 'tween Decks, Size and Spacing.....	"				
" " " " "					
" in Holds " "	"				
" " " " "					
Centre Line Bulkhead.					
Stiffeners and Spacing.....	-				
Plating, thickness of	-				
STRINGERS AND DECKS.					
Uppermost Continuous Deck.					
Stringer Plate, breadth and thickness in way of Wells.....	27 ✓ .32 ✓ to .25 aft				
" " " " in way of Bridge.....	-				
" Angle in Wells	2 1/2 2 1/2 .32 per letter 18-4-07				
Thickness of Plating abreast Deck openings } in way of Wells25 ✓				
Thickness of Plating abreast Deck openings } in way of Bridge	-				
Thickness of Plating within line of openings..	.32 ✓				
Sheathed Aft If Sheathed, material and thickness	BC Fir 2 1/2" ✓				
Second Deck.					
Stringer Plate, breadth and thickness in Wells.....	41 ✓ .32 ✓				
Stringer Plate, breadth and thickness in way of Bridge.....	41 ✓ .44 ✓				
Thickness of Plating abreast Deck openings } in way of Wells25 ✓				
Thickness of Plating abreast Deck openings } in way of Bridge	- - -				
Thickness of Plating within line of openings..	.25				
If Sheathed, material and thickness.....					
Third Deck.					
Stringer Plate, breadth and thickness.....					
If Plated, state thickness.....					
Fourth Deck.					
Stringer Plate, breadth and thickness.....					
If plated, state thickness.....					
Poop Deck.					
Stringer Plate, breadth and thickness.....					
Plating, Sheathing, material and thickness.....					
Bridge Deck.					
Stringer Plate, breadth and thickness.....					
Plating, Sheathing, material and thickness.....					
Forecastle Deck.					
Stringer Plate, breadth and thickness.....					
Plating, Sheathing, material and thickness.....					

[illegible]

Extending to Upper Deck (Sec. 3 c).....Two ✓
 " Deck next below.....Two ✓
 As per Rule.....

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted
KEEL, Bar		Flat Plate keel.	✓	
STEM 6 x 1 1/2	✓	Contour plate at top.	50	
STERN FRAME { Propeller Post		Steel 7-8/8 x 3 1/2	✓	
{ Rudder		Casting C.C. & F. Co. Mtl.	✓	
Speed of Vessel.				
RUDDER—Type		Balance	✓	
" A X D				
" Diam. of head 4"	✓	Forging C.E. & F. Co. Welland		
Speed 9.5 knots	✓	5"	✓	
Mainpiece at top pintle				
" " heel		5"	✓	
" how constructed		Plates welded	✓	
" double or single plate		Double .38	✓	
" coupling, vertical or		Vertical	✓	
" horizontal				

Plating Thickness.		STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKH'D, Upper three decks					
"	" Second "				
"	" Third "				
"	No. 40 Holds	.25 ✓	5 x 3 x .32 ✓	2-0 ✓	Toe Welded ✓
COLLISION	No. (60) <i>65 on bulk 18 4</i> (in Hold)	.25 ✓	4 x .32 FE ✓	2-6 & ✓	
		.38 ✓	4 x 3 x .32 ✓	2-0 ✓	
		.30 ✓	3 1/2 x .25 FE ✓	3-4 ✓	"
		.32 ✓		3-4 ✓	
		.38 ✓	4 x 3 x .32 ✓	2-0 ✓	Toe Welded ✓
AFTER PEAK					

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) Open Hearth
Algoma Steel Corporation, Phoenix Iron Company, Steel Company of Canada Limited.
Canadian Tube & Steel Products Ltd., Peck Rolling Mills, Dominion Steel & Coal Corp.
 Has the Steel been tested as required by the Rules? Yes, by British Corporation Surveyors.

Number of Certificate.		ANCHORS.	WEIGHT, EX. STOCK.		WEIGHT OF STOCK.		TEST, FIB. CERTIFICATE.			WEIGHT REQUIRED BY TABLE 53.		Description of Anchor.		Makers.	Where and when tested and Superintendent.	
			Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.				
M7592B	1st Bower.....		11	3	4											
M7592A	2nd "		11	2	22	✓							11-1-0 ✓	Stockless	Canada Car	Not available
	3rd "								Not Available				11-1-0 ✓	"	& Foundry Co.	
	Collective Weight.		23	1	26	✓							22-2-0 ✓		Montreal	
M7550	Stream		5	1	17	✓							4-1-0 ex. stock	"	"	

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.	Statury.	Break- ing.	Supplied.	Per Rule.	Length.	Diam.					Length.	Diam.		Fathoms.	Ins.
CF. 16905	167	1 1/8	22 1/2	34 1/8	108-1-26	95 1/2	165	1 1/8	Welded Stud Chain & Link	Canada Vancouver, B.C.		6/12 TOWLINE	75	2 1/2	15.2	75	2 1/2
										H.P. 9.9.45		6/12 HAWSERS & WARPS	60	2 1/2	15.2	60	2 1/2
		Cir.							Cir.			Hemp	120	4 1/2	as approved	120	4 1/2

Steering Gear, Type (Power or hand) Hand Hydraulic ✓ Alternative Means of Steering Block & Tackle ✓

Steering Chains (Size and Test) None ✓ Windlass Steam 5" x 6" ✓ 1 wood lifeboat 24.04 x 8 x 3.33
Boats

Ceiling in Holds, thickness and material None ✓ 1 wood motorboat 24 x 8.06 x 3.33

Cargo Hatchways.—(Upper Deck) Steel plates and angles ✓ Cleats only, no battens

Size of Hatchways No. 1 (Fwd.) 12'-0 x 18'-0 No. 2 12'-0 x 18'-0 No. 3 12'-0 x 18'-0 Thickness of Hatches 2" ✓

Number of Shifting Beams) 3 No. 4 3 No. 5 3 No. 6 3
and/or Port and Starboard

Builder's Signature See preboard Rpt.

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 was constructed under the Special Survey of the British Corporation Surveyors to plans identical with those approved by this Society, and with materials tested by the British Corporation Surveyors. ✓

oil fuel is carried in two double bottom tanks, frames 25 to 40, 40 to 50, P & S, and in settling tanks in engine room, frames 19 to 22. Flash point of oil above 150°F.

The Vessel was now examined internally and externally afloat and the workmanship and materials were found satisfactory and in accordance with the approved plans.

The following alterations have now been carried out to make the vessel eligible for a Freeboard corresponding to a moulded draught of 11'-6".

One web frame 15" x 3/8" plate with reverse bar fitted in each lower hold; reverse bar extended to shelter deck.
Brackets 12" x 15" x 5/16" fitted to intermediate 'tween deck frames at lower deck.
Tonnage hatch on shelter deck permanently closed.
Side cargo doors permanently closed.
Stiffeners on No. 25 bulkhead reinforced with a 3" x 3/8" face bar.
All the foregoing done by electric welding with approved electrodes.
Scuppers and sanitary discharges arranged in accordance with the Freeboard Regulations.

The amount of Entry Fee	£	:	:	Fees applied for, Dec. 28 1946 Received by me, 19.....	(Special notations, where part of class, to be stated.) I am of opinion the Vessel should be Classed <u>100A1</u> "With Freeboard" "Part Welded"
Special Survey Fee.....	\$	245.00	:		
Travelling Expense, if any \$	138.35	:			

State whether the Vessel has been built under Special Survey. No. B.C. Class

Certificate to be sent to _____ Date of issue waiting H. working

Signature John Stephen
Surveyor to Lloyd's Register of Shipping.

Committee's Minute
Character assigned

FRI. 21 MAR 1947

100A1 "with foreboard" Subject
"For China Coastal & River Service"

S.S. T₈₀ - 10.46 Fitted for oil fuel F.P. above 150°F. "Cargo battens not fitted"
 Mucky aft. LMC 10.46
 F.D. O.G.
~~10.46~~ Classed 10.46.
 Note for SRL

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.)

Sister Vessel, S.S. "OTTAWA MAYCREST", Montreal Report No. 6900.

PARTICULARS OF ELECTRIC WELDING (if employed) All butts of shell welded, all butts of Upper and 2nd. deck welded, 2nd. deck welded to shell, bulkhead plating seams and butts welded. Tank top seams and butts welded and welded to shell, Centre girder and side girder in double bottom welded to shell and tank top. Approved electrodes used throughout.

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book. "Part Welded" "Cargo hold not filled" See Interim Cert.

Particulars of Drop Test of Cast Steel Anchors, viz:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower. 1320 lbs. (Head 935 lbs.) (B.C.) - P.L. - M7593B - 10.10.45 9284
	2nd " 1310 lbs. (Head 930 lbs.) (B.C.) - P.L. - M7593A - 10.10.45 9284
	3rd " 605 lbs. (Head 445 lbs.) (B.C.) - P.L. - M7596 - 29.10.45 9284

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 28'-6 1/2" Over-all Length 151'-0" No. and Material of Decks 2 - Steel Parts of Bottom of Vessel coated with cement or approved composition Peaks, F.W. tanks and double bottom water ballast tanks cement washed. Particulars of composition (if fitted) and of approval Oil tanks, no coating.

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,	65 to stem	14.0 22.5
Double bottom, under Engines and Boilers,	—	—	After peak tank,	0-6	21.0
Double bottom, if under Engines only,	—	—	Deep tank, forward,	62-65	22.0
Double bottom, if under Boilers only,	25.51	52'-2" -78	Other tanks, if fitted,	Cofferdam 50-51	2.0 3
Double bottom, forward,	51-62	19'-6" 20'-4" 22		Fuel Oil Tanks 40-50	20.0 30
Total length (if continuous) and Capacity.	71'-6"	100		Fuel Oil Tanks 35-40	30.0 45

Continuous Survey by British Corporation Surveyors. Order for Special Survey No. Date Lloyd's Register Foundation Total No. of Visits