

TM 7-41 T. Printed in U. S. A.

PAGE TWO

	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.....	AS		Stringer Plate, breadth and thickness in way of Bridge	-	
" in 'tween Decks, Size and Spacing.....	PER		Thickness of Plating abreast Deck openings in way of Wells	-	
" " " " "	APPROVED		Thickness of Plating abreast Deck openings in way of Bridge	-	
" in Holds " "	PLAN ✓		Thickness of Plating within line of openings..	-	
" " " " "			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	73 11 / 32		If plated, state thickness.....	-	
" " " " in way of Bridge	-		Poop Deck.		
" Angle in Well Channel	10 X 3 1/2 X .375 21.9 Lbs ✓		Stringer Plate, breadth and thickness.....	-	
Thickness of Plating abreast Deck openings } in way of Wells	11 / 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..	5/16 ✓		Stringer Plate, breadth and thickness.....	-	
If Sheathed, material and thickness	-		Plating, Sheathing, material and thickness.....	-	
Second Deck.			Forecastle Deck.		
Stringer Plate, breadth and thickness in Wells	-		Stringer Plate, breadth and thickness.....	-	
			Plating, Sheathing, material and thickness.....	-	

SCANTLINGS.

STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.
	AMIDSHIPS.		FORWARD.	AFT.	
	Breadth. Inches.	Thickness. Inches.	Thickness. Inches.	Thickness. Inches.	
FLAT PLATE KEEL	45	15 32	3/8	3/8	
" DBLG. (if any)	-	-	-	-	
BOTTOM PLATING, No. of Strakes	60 61	5/16	5/16	5/16	
BILGE PLATING, No. of Strakes	5X5	1 1/2"	-	-	
CHINE ANGLE	1	-	-	-	
SIDE PLATING, No. of Strakes	-	-	-	-	
UPPER DECK, Sheer-strake	69 1/2"	5/16	5/16	5/16	
UPPER DECK, Sheer-strake in Bridge	-	-	-	-	
STRAKE BELOW Sheer-strake	72	5/16	5/16	5/16	
STRAKE BELOW Sheer-strake in Bridge	-	-	-	-	
POOP SIDE PLATING	-	-	-	-	
BRIDGE SIDE PLATING	-	-	-	-	
FORE'C'TLE SIDE PLATING	-	-	-	-	

EDGES.				BUTTS.		
State if joggled		Yes, sides only ✓				
SINGLE OR DOUBLE.	RIVETS.		No. OF ROWS OF RIVETS	RIVETS.		STRAPPED OR LAPPED.
	Diam.	Spacing. cr. to cr.		Diam.	Spacing. cr. to cr.	
Inches.	Inches.			Inches.	Inches.	
ELECTRICALLY WELDED ✓				ELECTRICALLY WELDED ✓		
" "	" "	" "	" "	" "	" "	" "
Two Rows ✓ each flange	$\frac{7}{8}$	$3\frac{1}{8}$ ✓		"	"	"
Single	$\frac{3}{4}$	3 ✓		"	"	"
Single	$\frac{3}{4}$	3 ✓		"	"	"
-						
-						
-						

FORGINGS and CASTINGS.

Total No. of W.T. BULKHEADS in Vessel—		Extending to Upper Deck (Sec. 3 c)		Deck next below		As per Rule	
		Three ✓		-		THREE AS APPROVED	
		STIFFENERS.					
		VERTICAL.		HORIZONTAL.			
		Scantlings.	Spacing.	Scantlings.	Spacing.		
MIDSHIP BULKH'D, Upper tween decks							
" " Second "							
" " Third "							
" " Holds		1/2	5X2 1/2 X.30	30			
COLLISION " (in Hold)		9/32-1/2	5X3 1/2 X10.7	24			
AFTER PEAK "		9/32-1/2	5X3 1/2 X10.7	30			

		Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Note
KEEL, Bar			FLAT PLATE KEEL		✓
STEM		Angle	6X6X9/16		✓
STERN FRAME		Propeller Post	C.S. 5 1/2 X 2 1/2	Lynn MacLeod	
		Rudder	C.S. 6 X 1 1/2	" "	
Speed of Vessel			7.8		
RUDDER—Type		balanced	Ordinary Single Plate		✓
" A X D			As per approved plan		✓
" Diam. of head			4 1/2		✓
" Mainpiece at top pintle			-		
" " heel			3 1/2		✓
" how constructed			Arms shrunk & keyed		✓
" double or single plate			Single .75		
" coupling, vertical or horizontal			None		

STEEL.	Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) <u>OPEN HEARTH</u>
	<u>Dominion Coal & Steel Co. Peck Rolling Mills, Phoenix Iron Co. Algoma Steel Co.</u>
	Has the Steel been tested as required by the Rules? <u>YES</u>

PAGE THREE

HAWSERS AND WARPS

Cargo battens not fitted
Achy. Certificate to be endorsed re criticals

013409-013416-0072²/₂

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.)

APPROVED PLANS FORWARDED WITH THIS REPORT:—

Midship Section - F.P. Keel, - Keelsons & Shell Plating - Framing Plan - Welding Schedule - Hatch Plan - Main Dk. plating, Bulwark & Bulkheads - Rudder & Stern Post - Shaft Brackets - Boss Castings - Engine Seating - Bridge deck & deckhouse - Oil fuel Storage tank - Rudder quadrant - Hull Piping - Layout of Steering Gear.

CASTING & FORGING CERTIFICATES:

2 Cast steel Shaft Brackets & Cast Steel Boss Castings.
1 Rudder Stock
1 Rudder quadrant.
1 Stern Frame
1 Rudder Arms.

CABLES HULL 34

MILD STEEL STUD LINK,		TORONTO - DOMINION CHAIN CO.		A.T.G.	
CERT.NO.	DIA.	WT.	TENSILE	BREAKING	DATE
9389	1"	833Lbs.	40320	60480	29-3-44
9390	1"	842	"	"	"
9391	1"	832	"	"	"
9392	1"	831	"	"	"
9393	1"	834	"	"	"
9394	1"	844	"	"	"
9395	1"	833	"	"	"
9396	1"	836	"	"	"
9397	1"	830	"	"	"
9398	1"	833	"	"	"
9399	1"	833	"	"	"

PARTICULARS OF ELECTRIC WELDING (if employed) Bottom shell plating, butts & seams, side shell plating butts, floors to shell, bulkheads & seams and butts of deck plating.

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book

Bulkhead, bottom shell and deck electrically welded.
Side shell butts welded.
No Cargo battens.

Particulars of Drop Test of Cast Steel Anchors, viz:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower	1036 Lbs.	J.K.H.	14880	3-2-45
	2nd "	1036 Lbs.	J.K.H.	14881	3-2-45
	Stream	324 Lbs.	HGLP	7524	16-3-45

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. 173924 Signal Letters — Extreme Breadth over Belting — Over-all Length 164'-1" (Circ. 1611) (Circ. 1703)

No. and Material of Decks One deck-Steel

Parts of Bottom of Vessel coated with cement or approved composition PAINTED 3 COATS RED LEAD.

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,	20.5	82.1
Double bottom, under Engines and Boilers,	—	—	After peak tank,	15.0	65.8
Double bottom, if under Engines only,	—	—	Deep tank, aft,	—	—
Double bottom, if under Boilers only,	—	—	Deep tank, forward,	—	—
Double bottom, forward,	—	—	Other tanks, if fitted,	—	—
Total length (if continuous) and Capacity	—	—	(If necessary, furnish further information by sketch.)		

Order for Special Survey No. 184

Date 15 Nov 1944

Dates of Surveys held while building

JANUARY 1945: 9, 22. FEB. 2, 5, 7, 9, 13, 15, 16, 17, 21, 23, 24, 26, 28. MARCH 1, 2, 5, 7, 9, 13, 15, 19, 21, 22. APRIL 7, 10, 13, 17, 24. MAY 12, 28. JUNE 11, 12, 18, 22, 30. JULY 9, 12.

Total No. of Visits 39