

PILLARS AND DECKS.

[illegible]

SHELL PLATING.

SCANTLINGS.					RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. State if joggled?.....			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	72	20	40	20		Generally	3/4	3				
" DBLG. (if any)	-	-	-	-		Double Ford	7/8	3	Vee butt welded			
BOTTOM PLATING, No. of of Strakes	4	15	40	15		Generally	3/4	3				
BILGE PLATING, No. of Strakes	32 1/2	15	17	12		Double Ford	7/8	3	Vee butt welded			
SIDE PLATING, No. of Strakes	3	14	10	10		"	3/8	3	" "	"		
UPPER DECK, Sheer- strake in Wells	52	20	12	12		"	"	"	" "	"		
UPPER DECK, Sheer- strake in Bridge	-	-	-	-		"	"	"	" "	"		
STRAKE BELOW Sheer- strake in Wells	64 1/2	14	10	10		Double	3/4	3	Vee butt welded			
STRAKE BELOW Sheer- strake in Bridge	-	-	-	-		"	"	"	" "	"		
POOP SIDE PLATING	-	-	-	-		"	"	"	" "	"		
BRIDGE SIDE PLATING	-	-	-	-	"	"	"	" "	"			
FOREC'TLE SIDE PLATING	-	-	-	-	"	"	"	" "	"			



WATERTIGHT BULKHEADS.

FORGINGS and CASTINGS.

Total No. of W.T. BULKHEADS in Vessel—					
Extending to Upper Deck (Sec. 3 c)		Two			
Deck next below		Four			
As per Rule		Approved			
	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKHD., Upper tween deck	Lbs. 7	3X2½X½	15" to 39"	-	-
" " Second "	7-10	5X3X8.2Lbs. 31½"	20" to -	-	-
" " Third "	-	-	-	-	-
" " Holds (No. 28)	12 10	EW 6X3½X7/16	20" to 24" EW	6X3½X7/16	27"
COLLISION " (in Hold) (No. 7)	10	6X3½X9/16	20" to 24"	-	-
AFTER PEAK " (No 59-61)	12	4X3X5/16	28"	Toe welded	-

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) Open Hearth
Steel Co. of Canada - Dominion Bridge & Steel Co.-Algoma Steel Corp. - Dominion Steel & Coal
Co. Phoenix Iron Works U.S.A. - Bethlehem Steel Corp. etc.
 Has the Steel been tested as required by the Rules? YES

FRAMING.		AMIDSHIPS.			ENDS.			Any Departure from Approved Plans to be Noted.	RIVETING.				
		In Ship.			In Ship.				Rivets in Longitudinal Frames.		Spacing of Rivets on each side of Transverses and Bulkheads.	Rivets in Brackets to Bulkheads.	
		Ins.	Ins.	LBS	Ins.	Ins.	LBS		Diam.	Speng.		Number.	Diameter.
				XX			XX		Ins.	Ins.	Inches.		Inches.
Framing of 													
Frames in Bridge 'tween Decks ...													
Frames from Uppermost Continuous Deck No. 1		5	2 1/2	9.8	5	2 1/2	9.8	5X3X9.43Lbs.	3/4	4 1/8	4 1/8	7	3/4
" 2		"	"	"	"	"	"	"	"	"	"	"	"
" 3		"	"	"	"	"	"	"	"	"	"	"	"
MAIN DECK		5	2 1/2	9.8	5	2 1/2	"	5X3X9.43Lbs.	"	"	"	"	"
" 4		"	"	"	"	"	"	"	"	"	"	"	"
" 5		"	"	"	"	"	"	"	"	"	"	"	"
LOWER DECK		7	3 1/2	13.6	7	3 1/2	13.6	7X3X13.6Lbs.	"	"	"	"	"
" 6		"	"	"	"	"	"	"	"	"	"	"	"
" 7		"	"	"	"	"	"	"	"	"	"	"	"
" 8		"	"	"	"	"	"	"	"	"	"	"	"
" 9		"	"	"	"	"	"	"	"	"	"	"	"
BILGE													
No. 10-No. 13		7	3 1/2	13.6	7	3 1/2	13.6	7X3X13.6Lbs.	"	"	"	"	"
LONG. BHD.		"	"	"	"	"	"	"	"	"	"	"	"
No. 14-No. 16		"	"	"	"	"	"	"	"	"	"	"	"
SIDE GIRDER		"	"	"	"	"	"	"	"	"	"	"	"
No. 17-No. 19		"	"	"	"	"	"	"	"	"	"	"	"
" 13													
" 14													
" 15													
" 16													
Spacing of Longitudinal Frames		Amidships 1'-8" to 2'-6"			Ford. 1'-8" to 2'-9"								
		At Ends Art -			1'-8" to 2'-9"								
Double Bottoms		Tank Top Longitudinals											
L. or C		Bottom											
Spacing of Longitudinals		Amidships											
		At Ends...											
Transverses.													
Side (in 'tween Decks)	Depth and Thickness	15"-12"X10Lbs.			15"-12"X10Lbs.								
	Face Angles	4"flange			4"flange								
	Lugs to Shell*	3	3	4.89	3	3	4.89		3/4	3 3/8			
Side (in Hold)	Depth and Thickness	15" X 10Lbs.			15" X 10Lbs.								
	Face Angles	4"flange			4"flange								
	Lugs to Shell*	3	3	4.89	3	3	4.89		3/4	3 3/8			
Bottom	Depth and Thickness	24" X 10Lbs.			24" X 10Lbs.								
	Face Angle Single	4	3	8.45	4	3	8.45	4X2 1/2 X 7.81Lbs.					
	Lugs to Shell*	3	3	4.89	3	3	4.89		3/4	3 3/8			
" " Back Bars ...													
Brackets		10Lbs. Bracket			4'-0" above base at side with 4"flange								
Spacing of Transverse Frames		8'-0"											
* State if joggled or liners.		ALL LUGS INTERCOSTAL BETWEEN LONGITUDINAL FRAMES											
Longitudinal Beams of 	Bridge Deck	AS APPROVED BY ADMIRALTY						Spacing.					
	Upper	B.A.	6	3 1/2	10.7	6	3 1/2	10.7	6"X3"X11.37Lbs. B.A.	24"-27"			
	Second	B.A.	5	2 1/2	7.3	5	2 1/2	7.3	5"X3"X8.17Lbs. O.A.	27"			
	Third	B.A.	6	3 1/2	10.7	6	3 1/2	10.7	6"X3"X11.37Lbs. B.A.	20 1/2"-27"			
Transverse Beams.													
Centre		24"X10Lbs. 5X3 1/2 X 5/16											
Side		12"X10Lbs. 4"flange											
2nd Deck		12"X10Lbs. 4"flange											
3rd Deck		12"X10Lbs. 5"flange											
4th Deck		12"X10Lbs. 4"flange											

The particulars of framing in peaks (if ordinary), Floors, Centre Girder, Side Girders and Margin Plate and their angle attachments, etc., to be entered in their respective places provided for on the Report Forms.

NOTE:—This slip to be pasted on the fourth page of the Report, and reference to same to be made under framing, etc., on the first page.

EQUIPMENT No. -				LETTER -				ANCHORS.			
Number of Certificate.	Anchor.	WEIGHT, EX. STOCK.		TEST, PER CERTIFICATE.		WEIGHT, EX. STOCK.		Description of Anchor.	Makers.	Where and when tested and Superintendent.	
F.14423	1st Bower.....	5	66 2	9	57 80	5600	5600	Admiralty Type	Vulcan Iron	Vancouver 21-12-44	
F.14424	2nd "	5	62 9	9	53 75	5600	5600	Stockless	Works	" " L.H.B.	
	3rd "								Winnipeg.		
	Collective Weight.	11	29 1			11,200					
F.14469	Kedge	5	6 21	9	51 75	5600	5600	- do -	- do -	Vancouver, 28-12-44	

CHAIN CABLES.										HAWSERS AND WARPS.									
APPROVED										APPROVED									
Number of Certificate.	Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE		Length and Size		Description.	Makers of Cables.	Where and when tested, and Superintendent.	Material.	Length and Size supplied.		Breaking Test of Steel Wire.	Length and Size		Breaking Test of Steel Wire.	Length and Size
	Length.	Diam.	Statu-tory.	Break-ing.	Supplied.	Per Rule.	Length.	Diam.					Length.	Cir.		Length.	Cir.		
See Page four	210	1 1/2	131488		26954	-	200	1 1/2	Link	SEE PAGE FOUR			16	6 3/4	142	16	6 3/4		
													150	5 1/4	70 1/2	150	5 1/4		
KEDGE	150	5	78.25				150	5	S.W.R.				2X150 3 1/2	25.72	2X150 3 1/2	2X150 3 1/2	25.72		
													2X150 2 1/2	13.22	2X150 2 1/2	2X150 2 1/2	13.22		
													4X 50 3 1/2	21.3	4X50 3 1/2				

Steering Gear, Type (Power or hand) Steam Hydraulic "Hastie" Type / Alternative Means of Steering Hand Gear

Steering Chains (Size and Test) Windlass Steam driven Twin Head Capstan 2 cyl. / Boats 2-36' Harbour launches

Ceiling in Holds, thickness and material 7 1/2" diam X 8" stroke

Cargo Hatchways.—(Upper Deck) Vehicle Hatch and Cargo Hatch / Thickness of Hatches 2 1/2 wood covers

Size of Hatchways No. 1 (Fwd.) 48' X 12' (No. 2 26' X 14' No. 3 - No. 4 - No. 5 - No. 6 -

Number of Shifting Beams Vehicle Hatch - 11 shifting Beams - No fore and afters. / Cargo Hatch - 4 " " " " " "

Builder's Signature DAVE SHIPBUILDING & REPAIRING 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 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 built 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 workmanship and Materials are good. Oil Fuel flash point above 150°

F. is carried in sixteen deep tanks as follows:- Frames 17-20 port, starb'd and centre - Frames 20-24 port starb'd and centre. Frames 24-26 Port, Starb'd and centre - Frames 26-32 port, starb'd and centre - Frames 32-34 Port - Frames 32-36 Starb'd - and Frames 46-49 port and starb'd (Settling tanks). Diesel Oil is carried in deep tank 34-36 Port.

All peak, ballast, F.W. Oil Fuel tanks and cofferdams have been tested under pressure and found satisfactory. Steering and anchor trials have been carried out to the satisfaction of the Admiralty.

Bilge Suctions tried with satisfactory results.

Watertight bulkheads, watertight doors, hatches and weather decks hose and/or air tested with satisfactory results.

The amount of Entry Fee 50.00 : Fees applied for, 28th June 1945

Special Survey Fee 19.00 : Received by me, 19.00

Travelling Expense, if any 175.00 : 19.00

Owners' Representation Fee 15.00 : 15.00

I am of opinion the Vessel should be Classed A- "FOR GOVERNMENT SERVICE"

Signature S. Bowman & R.D. Campbell

Surveyors to Lloyd's Register of Shipping.

Committee's Minute FRI. 24 AUG 1945

Character assigned +A- For Government Service

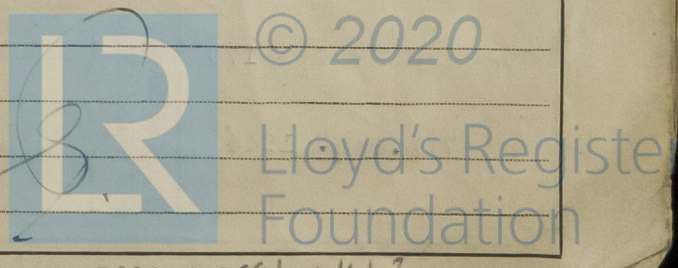
6.45 2bc. Fitted for oil fuel 6.45 F.P. above 150°F

LMC # 6.45

White Mth. F.D. Q.G.

al. G. P.

The Surveyors are requested not to write on or below the Committee's Minutes.



002842-002601-01613

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.)

Vessel built to plans approved by Admiralty from original plans as approved by the Society.
Two copies of midship section herewith.

Casting Certificates:-

Rudder Stook - Port	4479	G.P.
" " - Starb'd.	4463	G.P.
Skeg - Port	4443	G.P.
" - Starb'd	4444	G.P.
Tiller arm - Port	5368A	G.P.
" " - Starb'd	4934 B	G.P.

PARTICULARS OF CHAIN CABLES

NO.OF CERT.	LENGTH SUPPLIED FATHOMS	WEIGHT SUPPLIED LBS.	MAKERS OF CABLES	WHERE&WHEN TESTED AND SUPERINTENDT	NO.OF CERT.	LENGTH SUPPLIED FATHOMS	WEIGHT SUPPLIED LBS.	MAKERS OF CABLES	WHERE & WHEN TESTED AND SUPERINTEND'T
9039	7½	974			9035	15	1920		
9040	7½	972	Dominion	Toronto	9036	15	1914	Dominion	Toronto
9041	7½	976			9037	15	1922		
9042	7½	972	Chain	24-1-45	9038	15	1914	Chain	24-1-45
9130	7½	972			9125	15	1920		
9131	7½	970	Co.	A.T.Grimes	9126	15	1918	Co.	A.T.Grimes
9132	7½	974			9127	15	1914		
9133	7½	970	Ltd.		9128	15	1916	Ltd.	
9134	15	1916			9129	15	1920		

PARTICULARS OF ELECTRIC WELDING (if employed) Seams and butts of Lower, Main and Upper Decks, Centre Line Bulkhead and longitudinal bulkheads. Butts of Keel plates, sheerstrake and shell plating. Longitudinal bulkhead stiffeners, Centre line bulkhead intermediate stiffeners. Lower and main deck Transverses and Upper Deck Transverses at wings.
Wilson No.98 approved shielded arc electrodes and "Unionmelt" welding process used.

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book "FOR GOVERNMENT SERVICE".
Cruiser Stern, Twin Screw, Fitted for Oil Fuel F.P. above 150° F.
Longitudinal framing, machinery aft, part, electrically welded.

Particulars of Drop Test of Cast Steel Anchors, viz:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower	4032 Lbs.	J.F.H.	F-9583	20-11-44
	2nd "	4029 Lbs.	J.F.H.	F-9584	27-11-44
	Stern Anchor.	4007 Lbs.	J.F.H.	F-9596	6-12-44

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
Over scrambling ladders) over stern anchor stowage
Official No. — Signal Letters — Extreme Breadth over Belting (55.1' Over-all Length 345.4'
(Circ. 1611) (Circ. 1703)
No. and Material of Decks Three decks Steel - Second deck steel at sides only
Parts of Bottom of Vessel coated with cement or approved composition Fore Peak, Aft Peak and tanks clear of oil fuel tanks, one coat bituminous solution and 1 coat bituminous enamel. Fresh water tank cement washed. Oil fuel and diesel oil tanks one coat heavy filtered mineral oil.
Particulars of composition (if fitted) and of approval "Bitumen" approved by British Admiralty Technical Mission.

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, Stem - Fr 7	14.0	48
Double bottom, under Engines and Boilers,	—	—	After peak tank, FR.59 - FR.74	30.0	138
Double bottom, if under Engines only,	—	—	Deep tank, aft,	—	—
Double bottom, if under Boilers only,	—	—	Deep tank, forward, FR 11- Fr 28 (Total)	112.0	1797
Double bottom, forward,	—	—	Other tanks, if fitted, W.T. compt. fr.7-fr.11	16.0	180
Total length (if continuous) and Capacity	—	—	(If necessary, furnish further information by sketch.) Deep Tank fwd. fr. 36: 30' 21.5' - See letter 30-10-45.		

Order for Special Survey No. 170
Date 7th. Feb. 1944
Dates of Surveys held while building
CONSTANT ATTENDANCE FROM 1-3-44 to 4-6-45
Lloyd's Register Foundation
Total No. of Visits