

Great Lakes and Marine Industry News Update

December 2023 and January 2024



**Great Lakes
Division
Master
Mariners of
Canada**

**Xmas
Luncheon**

**December 16, 2023
Mandarin
Restaurant,
Burlington, Ont.**



Welcome to Julie Bédard, who joins the Laurentian Pilotage Authority as Executive Director, Marine Safety and Efficiency.

Ms. Bédard has extensive experience in the marine sector at Transport Canada (TC). Most recently, she worked on the implementation of the modernized Pilotage Act, as well as the creation of TC's new regulatory framework for pilotage in Canada.



Hugh Hutton calls it a day after 14 years of providing his expertise with Green Marine.

Green Marine's first-ever verifier is retiring from the role after providing the service to various participants over the past 14 years.

Also, retired from LRQA and Shore Supt. with Great Lakes Bulk Carriers and Beaudrill

Green Marine



Algoma Transport arriving Superior [David Schauer]

Algoma Transport departs with final cargo before scrapping
The final departure of the Algoma Transport from Superior, WI, with 26,439 tons of ore loaded at BNSF for Hamilton, ON. Once delivered, she is expected to sail to Port Colborne, ON, where she will be cut up by Marine Recycling Corp.

Owner Algoma Central Corp. announced earlier this year the Transport would be replaced by the new Algoma Bear. Algoma Transport was built in 1979 at Port Weller Dry Docks, St. Catharines, ON, for Upper Lakes Shipping Co. Ltd. at a cost of \$33 million.



Algoma Transport arrives at Marine Recycling Corp. Algoma Transport arrived at her final port on January 9, 2024. She tied up at Marine Recycling Corp., Port Colborne, ON, where she will be scrapped. She tied up near the Tecumseh, which is already being cut up.

NEWS 10

Algoma Transport arrives Port Colborne Marine Recycling [Barry Andersen]



**Algoma
Transport
arrives to
take her
spot with
Tecumseh
& Norisle**

[Brad Wood]

Brad Wood



Tecumseh [Bobby Dzz] 12-22- 2023 **Beached for scrapping at Marine Recycling Port Colborne**



Scrapping well underway on the Tecumseh [Tim Shafley]

Thorold Multimodal Hub receives 2023 Brownie Award

Par Maritime Magazine
2023-11-29

The Thorold Multimodal Hub, a collaborative venture between the BMI Group and HOPA Ports, has received a 2023 Brownie Award from the Canadian Brownfields Network. Honored in the 'Renew-Large Scale Project' category, the Thorold Multimodal Hub was recognized for its successful reimagining of a legacy industrial site for modern industrial uses.



ALGOMA CENTRAL CORPORATION NAMED ONE OF HAMILTON-NIAGARA'S TOP EMPLOYERS FOR THE SECOND YEAR IN A ROW

St. Catharines, Ontario November 23, 2023

Algoma Central Corporation (TSX: ALC) is proud to announce that it has been selected as one of Hamilton-Niagara's Top Employers for 2024. The Award recognizes Algoma's dedication to providing an environment where employees can thrive and reach their full potential. This will be the second year in a row Algoma has achieved this special recognition and highlights our continued commitment to creating an exceptional workplace, fostering a culture of inclusivity, investing in employees' well-being, and developing our workforce for the future.



LOGISTEC has won the Best Specialist Dry Bulk Terminal Award

Published by Oliver Kleinschmidt, Editorial Assistant Dry Bulk, Thursday, 23 November 2023 10:28

LOGISTEC Stevedoring Inc., a subsidiary of LOGISTEC Corporation (LOGISTEC) and a North American marine services provider, received the Best Specialist Dry Bulk Terminal Award at the International Bulk Journal's (IBJ) ceremony held in London, England. This prestigious award recognises LOGISTEC's expertise in providing safe and reliable dry bulk cargo handling services across its North American network of port terminals.



(Logistec photo of large terminal at Port of Hamilton)

Pier 12, Hamilton

Hamilton-Oshawa Port Authority named world's best dry bulk port at IBJ awards gala in England

By Glenn Hendry

Published November 27, 2023

Hamilton-Oshawa Port Authority (HOPA) was named the world's Best Dry Bulk Port at last week's prestigious International Bulk Journal (IBJ) Awards gala in London, England.



The Best Dry Bulk Port Award, one of the most anticipated of the evening saw HOPA fend off challenges from North Sea Port (Belgium/Netherlands); the Port of Rotterdam (Netherlands); Port of Port Hedland (Pilbara Ports, Australia); and RAK Ports (United Arab Emirates),



What an incredible experience at the Great Canadian Marine Careers Expo alongside our partners, the Canadian Coast Guard/Garde côtière canadienne and Royal Canadian Navy | Marine royale canadienne!

CMMC Great Lakes Division Capt. Rick Whyte (centre purple coat) represented us with the CMCF. Julia Fields (2nd from left) is Director of the Canadian Marine Careers Foundation (Imagine Marine)



At the “wheel” ...Capt. Rick Whyte represented CMMC Great Lakes Division with the Canadian Marine Careers Foundation at the recent Canadian Marine Careers Expo with the Canadian Navy.



**HMCS
Harry
DeWolf**

(Gary Waters
photo]

Canadian Navy ship touring East Coast, Quebec and Ontario as part of Canadian Marine Careers Expo... a COVID-19 outbreak aboard Canadian warship forces resulted in a partial cancellation of the Great Lakes tour

Heddle Shipyards investing in future of Port Weller Dry Docks

Company investment will create 30 new jobs in the area under its vessel life extension program.

By Dave Johnson Reporter Welland Tribune Monday, November 27, 2023

Heddle Shipyards is investing more than \$107-million in the future of Port Weller Dry Docks in St. Catharines and creating 30 new jobs in the area under its vessel life extension program.

Monday, Vic Fedeli, Minister of Economic Development, Job Creation and Trade, said Heddle will receive more than \$3.4 million through the province's Advanced Manufacturing and Innovation Competitiveness (AMIC) stream of its Regional Development Program.



Heddle Shipyards is investing more than \$107-million at its Port Weller Dry Docks.

Bob Tymczyszyn / Torstar

Heddle Shipyards has a new name.

HAMILTON, ON –Heddle Shipyards has been rebranded Ontario Shipyards. The name change took place Jan. 1.

“The name Ontario Shipyards embraces Ontario’s shipbuilding legacy and articulates a vision to complete the revitalization of shipyards in Ontario so that the province can once again become a global leader in ship repair and shipbuilding services. We will do so by modernizing and revolutionizing shipyard operations and building a highly skilled and motivated workforce,” the press release continued.



Algoma Bear about to depart China for Canada

**The new self-unloader
Algoma Bear (which
will replace the Algoma
Transport), is
completing her sea
trials and will be on her
journey to Canada in a
few weeks (sailing time
approx. two months)
once a slot has been
booked to transit the
Panama Canal (due to
the low water levels in
the Panama Canal,
ships are bidding on
slots for March transits
now).**

Algoma Bear [Janey Anderson Courtesy Ship Junkies – Lakes, Locks & Rivers



**Welcome ...
Fure Vanguard!**

**Sister ship
number nine in
the Vinga series
and the very
first vessel built
for FureBear as
a joint venture
with Algoma
Central
Corporation.**

Photo FureBear



MARINE DAY ON THE HILL

JOURNÉE MARITIME SUR LA COLLINE

November 21st, 2023

CHAMBER OF
MARINE COMMERCE



CHAMBRE DE
COMMERCE MARITIME

www.MarineDelivers.com



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ARMATEURS
DU SAINT-LAURENT

ST. LAWRENCE SHIPOPERATORS

GREAT LAKES
ST. LAWRENCE
GOVERNORS
& PREMIERS





Northern Venture – McKeil Marine's newest self unloader [Tyler Fairfield] 11-30-2023



**McKeil
Marine's
Northern
Venture
unloads road
salt at the
Snider Dock
on the east
wall of the
Welland
Canal in Port
Colborne.**

Welland Tribune

McKeil Marine's Northern Venture unloads road salt at the Snider Dock on the east wall of the Welland Canal in Port Colborne. Dave Johnson Metroland

Kathy McKeil on the way to China for conversion

McKeil Marine recent acquisition Algosea, renamed Kathy McKeil, left Sarnia Thursday for the Imperial Oil fuel dock and has now left for Montréal (ETA – Dec. 4 at 1800). Following a stop in Montréal, she will sail on the long voyage to China for her conversion to a bulk carrier, with a short stop in Las Palmas, Spain, en route.

Kathy McKeil [Rick Kingswood photo]

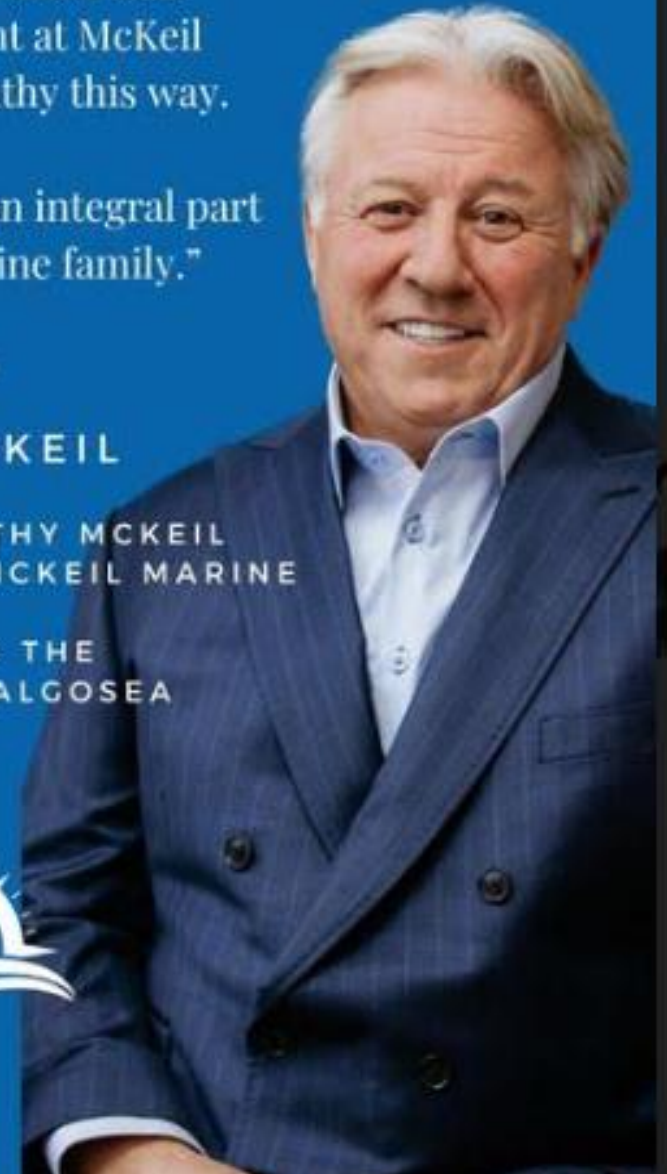
“We are both honoured that senior management at McKeil would recognize Kathy this way.

She has always been an integral part of the McKeil Marine family.”

BLAIR MCKEIL

HUSBAND OF KATHY MCKEIL
& VICE CHAIRMAN, MCKEIL MARINE

REGARDING THE
RENAMING OF ALGOSEA





The Montreal Port Authority (MPA) has named Julie Gascon as its next president and CEO. A master mariner, she is currently president and CEO of the Vancouver, B.C., based Pacific Pilotage Authority and will take up her new position on February 12, 2024.

Gascon, a graduate of the Canadian Coast Guard College, comes to the leadership role at Canada's second largest port with a track record that includes holding a number of strategic positions with Transport Canada and the Canadian Coast Guard. Photo Port of Montreal



CSL proudly announces a significant milestone in its Great Lakes biofuel program – one of the longest-running initiatives of its kind in the maritime industry.

With a cumulative 75,000 running hours on B100 biofuel over the past four years, CSL ships have made significant strides in supporting decarbonization efforts by replacing 55,000 metric tonnes of fossil fuel with biodiesel and avoiding 156,000 metric tonnes of CO₂.

CSL Leads Maritime Industry in Biofuel Adoption, Achieving Milestones in Decarbonization Efforts CSL

CSL

\$8.4 billion in infrastructure investments committed to Great Lakes

– St. Lawrence Seaway shipping

Par Maritime Magazine 2023-12-13

- \$636 million was invested in vessel construction and enhancements over the last five years. Another \$328 million will be invested by 2027.**
- \$2.1 billion was invested to enhance port and terminal infrastructure over the last five years. Another \$1.1 billion will be invested by 2027.**
- \$3 billion was invested in navigation infrastructure such as locks, navigation channels and breakwaters. Another \$1.2 billion will be invested by 2027.**



Fraser plans to double its workforce, creating hundreds of jobs

by Danielle Kaeding Tuesday, December 12, 2023

A company that owns a Superior shipyard is moving ahead with plans to secure up to \$40 million in financing to expand its operations.

Fraser Industries, parent company of Fraser Shipyards, is seeking funds as part of plans to reduce a four-year backlog of contracts to build and repair ships at its 62-acre production site in Superior.

The shipyard, which has operated for 135 years in Superior, repairs vessels of all sizes in Howards Bay along Lake Superior. Fraser owns several companies that repair and build boats for police and fire departments, ferries and the military. Photo from Fraser Shipyard website





Norgoma at Purvis Dock earlier this past June 2023. [Roger LeLievre)

Funds requested to scrap ex-passenger ship/museum Norgoma

Sault Ste. Marie, ON –

City council will be asked Monday to earmark \$395,000 from a reserve fund to scrap the M.S. Norgoma, which has been rusting for almost five years at a private berth near Algoma Steel.

If councillors agree, the cost of decommissioning the 188-foot former package freighter/ passenger ferry/ museum ship will be paid to Purvis Marine.



M/V Norgoma sold for scrap to Purvis Marine.

Sault Ste. Marie, ON

City council has decided to pay Purvis Marine \$395,000 to break the 188-foot M.S. Norgoma into scrap metal.

Purvis must now move the boat as soon as possible from its current \$40-a-day berth at Algoma Steel to a ship-breaking location.

Soo Today

Norgoma on maiden voyage 1950 [Peter B. Worden Collection-MHSD]



**31ST ANNUAL MARINERS SERVICE
AND
BLESSING OF THE GREAT LAKES FLEET**



THE INTERNATIONAL SHIPMASTER'S ASSOCIATION IS
PRESENTING THE ANNUAL MARINERS' SERVICE WHICH AS
A LOCAL MARINE TRADITION DATES TO THE MID 1800'S.

ALL GEORGIAN COLLEGE DECK AND ENGINEER CADETS,
MARINERS, FAMILIES AND FRIENDS FROM ALL PARTS OF THE
INDUSTRY, CAPTAINS, PILOTS, NAVY, COAST GUARD,
TUG FLEET CREWS, SAILORS, YACHT CLUBS, MARINE FIRE,
HISTORIANS, ARE INVITED TO ATTEND.

FOOD AND HOSPITALITY TO FOLLOW AFTER THE SERVICE.



SUNDAY FEBRUARY 25, 2024, 10:00 am
at
ST. GEORGE'S ANGLICAN CHURCH
1049 4TH AVE. EAST, OWEN SOUND, ONTARIO

FOR MORE INFORMATION PLEASE CONTACT:
isma.lodge15@gmail.com

PHOTO CREDIT: DAVE CARR

From ISMA Lodge 15

**31st Annual Mariners Service in
Owen Sound**

All CMMC members are invited.



SEAWAY MONTHLY TRAFFIC RESULTS

November 2023

Traffic (in thousands of tonnes)	SLSMC - Combined Traffic			
	Year to Date		Change from 2022	
	2022	2023	Tonnes	%
Total Cargo	32 211	32 634	422	1.31%
All Grain	8 329	8 581	252	3.02%
Iron Ore	5 826	5 677	-149	-2.56%
Coal	1 621	1 806	184	11.37%
Dry Bulk	10 295	11 014	719	6.98%
Liquid Bulk	3 164	3 098	-66	-2.10%
General Cargo	2 877	2 395	-482	-16.74%

Vessel Transits	2022	2023	Transits	%
Total Transits	3 579	3 424	-155	-4.33%

Amendments to the International Convention for the Safety of Life at Sea (SOLAS) for construction and safety equipment - SSB No.: 01/2024



From: Transport Canada RDIMS No .: 19955843 Date (Y-M-D) : 2024-01-12

**This bulletin applies to: SOLAS Convention vessels, and domestic vessels subject to:
the Vessel Construction and Equipment Regulations, and
Part 1 of the Vessel Fire Safety Regulations**

Definition of “ships constructed”: amendment to regulation II-1/1.3 **Towing and mooring equipment:** amendment to regulation II-1/3-8 **Stability calculation of the factor S_i :** amendment to regulation II-1/7-2.5 **Collision bulkhead piercing by a pipe:** new regulation II-1/12.6.2 **Openings in watertight bulkheads on passenger ships:** amendment to regulation II-1/13 **Openings in shell plating of passenger ships and freeboard deck of cargo ships:** amendment to regulation II-1/15.9 **new regulation II-1/15.10** **Internal watertight integrity on passenger ships:** amendment to regulation II-1/17.1 **new regulations II-1/17.2 and 17.3** **Hull integrity:** amendment to regulation II-1/17-1.1 **Damage control information:** new regulation II-1/19.5 **Operation and inspection of watertight doors in passenger ships:** amendment to regulation II-1/21.1 **Prevention of water ingress:** amendments to regulations II-1/22.5, 22.6 and 22.14 **new regulation II-1/22.7**

RESOLUTION MSC.482(103) in force on January 1, 2024

Water level detectors on cargo ships: new regulation II-1/25-1 **Survival craft launching:** amendment to regulation III/33.2

RESOLUTION MSC.521(106) in force on July 1, 2024

Safety measures for ships carrying industrial personnel: new chapter XV

International Code of Safety for Ships Carrying Industrial Personnel (IP Code)

Port of Toronto Caps Off Record 2023 Cruise Season

TORONTO (December 18, 2023)

– PortsToronto has capped off another record year at the Port of Toronto Cruise Ship Terminal, with 45 ships bringing nearly 18,000 passengers to Toronto in 2023, representing another record season for Great Lakes cruising. The Port of Toronto hosts ships from a range of cruise lines including Viking, Hapag-Lloyd, Ponant, Plantours, American Queen and Pearl Seas. New this year, the port welcomed for their inaugural visits the Viking Polaris and Hanseatic Inspiration.



Japan's Nippon Steel to buy U.S. Steel in \$14.9 billion deal

Japan's Nippon Steel clinched a deal on Monday to buy U.S. Steel for \$14.9 billion in cash, prevailing in an auction for the 122-year-old iconic steelmaker over rivals including Cleveland-Cliffs and ArcelorMittal.

The deal price of \$55 per share represents a 142% premium to Aug. 11, the last trading day before Cleveland-Cliffs unveiled a \$35-per-share cash-and-stock bid for U.S. Steel.

Reuters



The U.S. Steel logo on a laker, 1970s. Roger LeLievre Coll.



Pittsburgh S.S. Co. Milwaukee, Wisc. 1938

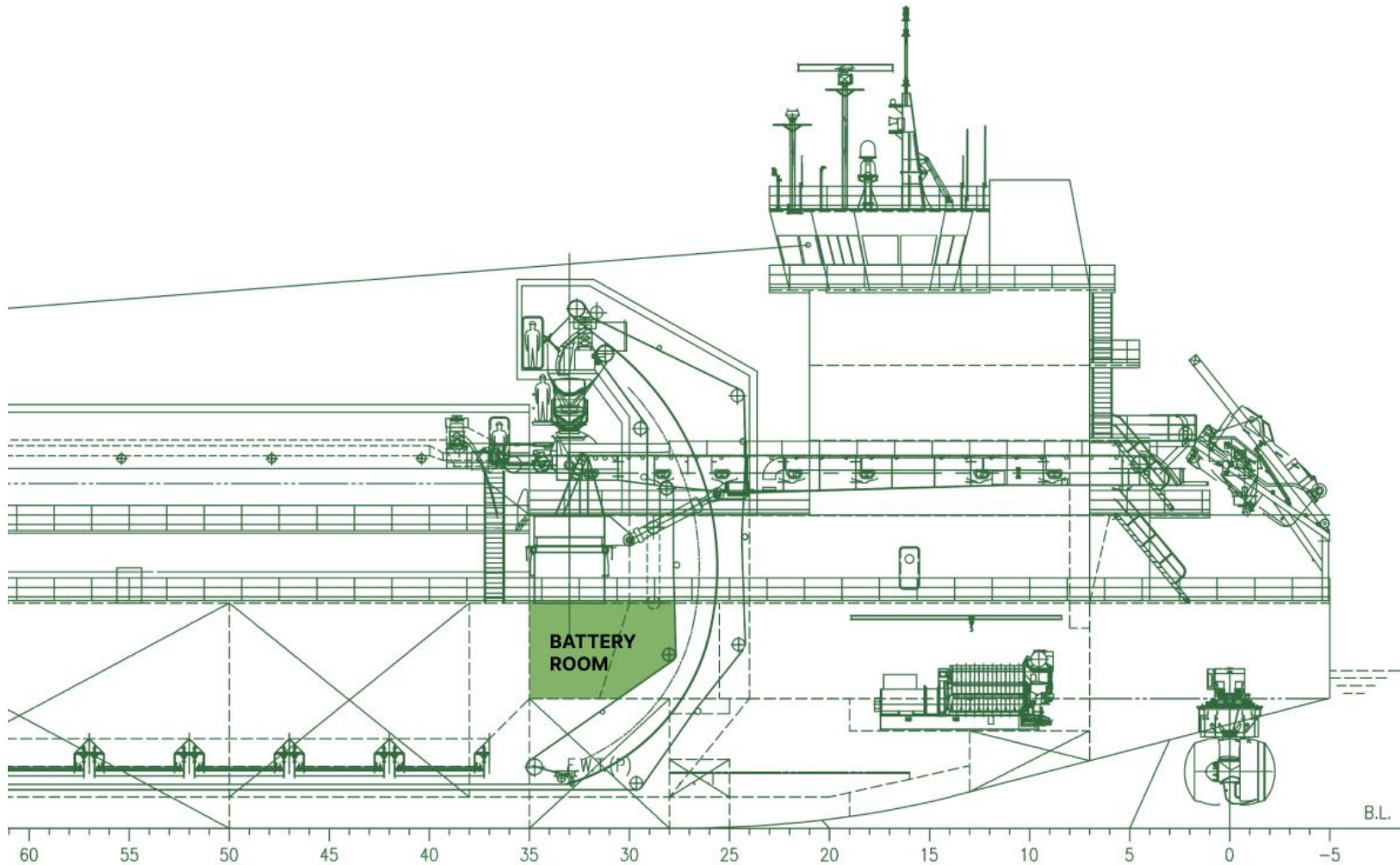
A part of U.S. Steel's huge Great Lakes fleet laid up at Milwaukee in 1939. Press Photo, Roger LeLievre Coll.

CSL and Adbri Partner to Build First Fully Electric Battery Capable Self-Unloading Ship

CSL announces a 20-year strategic partnership with Adelaide Brighton Cement Ltd. (“Adbri”) to build and operate the world’s first fully electric battery capable self-unloading vessel.

The custom-designed 11,000 tonne ship will replace Adbri’s Accolade II and will support the company’s limestone operations in South Australia and carry up to 2.7 million tonnes of limestone per year, which represents a 35% increase over the existing vessel’s carrying capacity.

“This groundbreaking vessel will initially run on a hybrid diesel and battery system, replacing 25% of diesel with electric power and lowering Scope 1 emissions by 40%,” explains Louis Martel, CSL President and CEO. “By 2031, we aim to run the ship entirely on electric power.”



Construction of the new vessel will begin in 2024 and delivery is expected in early 2026. CSL Dec. 20, 2023

QSL EXPANDS ITS WELLAND CANAL OPERATIONS

NEWS PROVIDED BY QSL 19 Dec, 2023, 15:56 ET

QUEBEC CITY, Dec. 19, 2023 /CNW/ - QSL, a world-class company specializing in port terminal operations, stevedoring, marine services, logistics, and transportation throughout North America, is pleased to announce its recent partnership with the St. Lawrence Seaway Management Corporation (SLSMC) and Hamilton-Oshawa Port Authority (HOPA Ports). QSL will operate SLSMC's Wharves 5 and 6, with access to the Welland Canal. The 55 acres of combined SLSMC and HOPA land will be used for handling and storage of cargo in Thorold, Ontario.

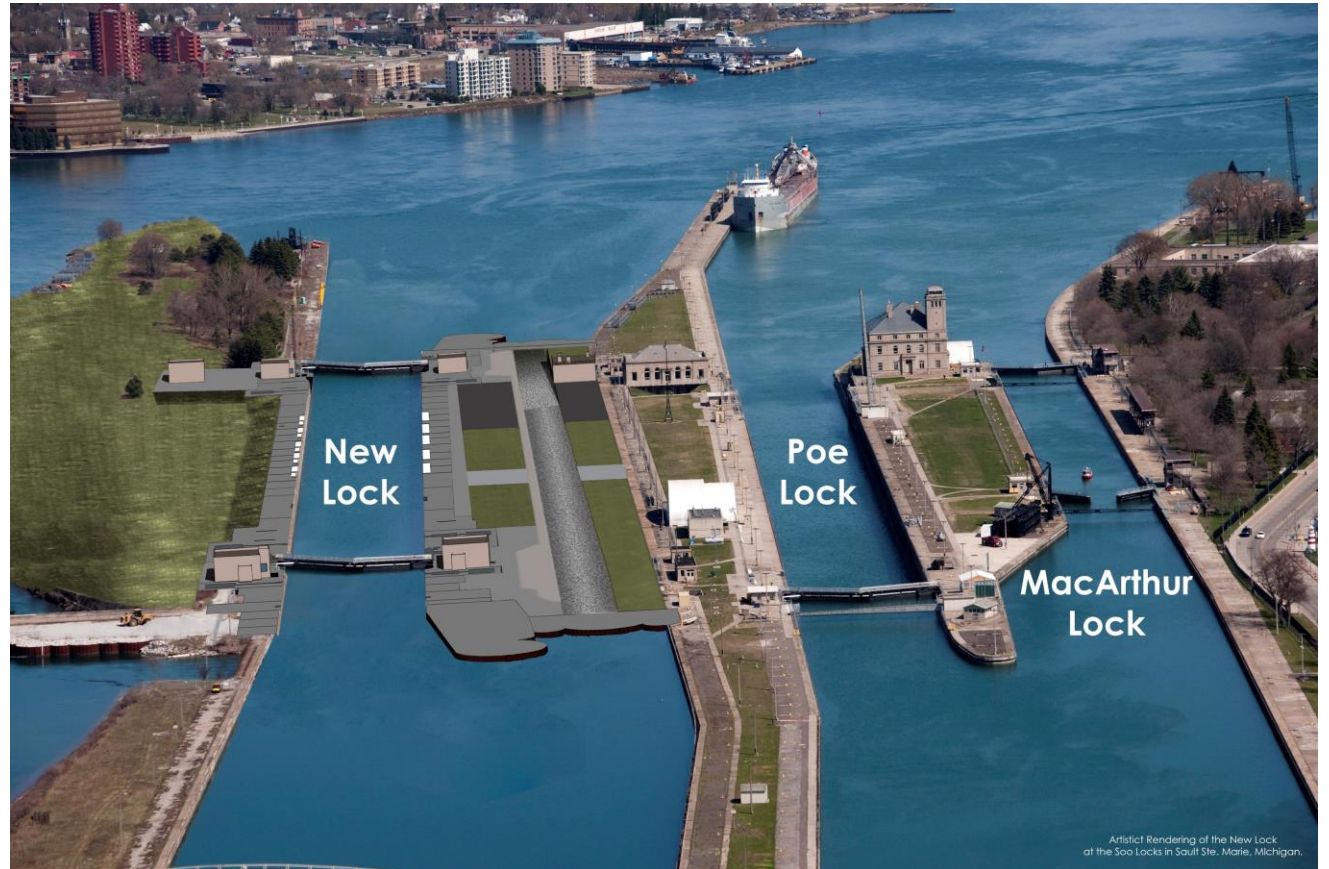
"We are delighted to have QSL expand their operations on the Welland Canal, which we expect will result in the increased movement of cargo through the Great Lakes St. Lawrence Seaway system," said Terence Bowles, SLSMC President and CEO. "The SLSMC recently invested \$7 million to upgrade Wharves 5 and 6, and more upgrades are planned in the near future. This investment is part of our commitment to maintaining and upgrading the binational Seaway and strengthening Canada's national supply chain."

"We welcome the expertise of stevedoring provider QSL," said Ian Hamilton, President & CEO of HOPA Ports. "Niagara's maritime sector is thriving and will benefit from the addition of QSL's technical expertise and diverse international customer base. We look forward to working as partners to grow the logistics capacity and supply chain resilience in the Great Lakes region."

Chamber Wall Monoliths Option 1B Awarded for New Lock at the Soo USACE

SAULT STE. MARIE, Mich. – U.S. Army Corps of Engineers, Detroit District’s New Lock at the Soo project in Sault Ste. Marie, Michigan, awards \$213.8 million contract Option 1B (Chamber Wall Monoliths) to Kokosing Alberici Traylor, LLC (KAT) of Westerville, Ohio. Contract Option 1B includes construction of the lock wall monoliths, very large concrete wall portions that make up the sides of the chamber along the north and south side of the lock chamber. The chamber monoliths span between the upstream wide wall monoliths and downstream wide wall monoliths.

The New Lock at the Soo project is being built in 3 phases. Phase 1 (Upstream Channel Deepening) was completed in 2022, and Phase 2 (Upstream Approach Walls) is expected to be completed in summer 2024. The Phase 3 contract was awarded to KAT in July 2022 as a base contract at \$1.068 billion. Awarding the base contract allowed the contractor to begin work in 2022 with the remaining work (contract options), to be awarded over the next three years.





Nordika Desgagnes sets record late-season departure at Duluth-Superior

The Canadian-flagged Nordika Desgagnes departed Duluth and into the record book today (December 29, 2023) as the Port of Duluth-Superior's latest-departing ocean-going ship on record. Carrying beet pulp pellets destined for Ireland.

Nordika Desgagnes departing Duluth [Chris Mazzella]

Duluth Seaway Port Authority, David Schauer



Maxima anchored off Duluth

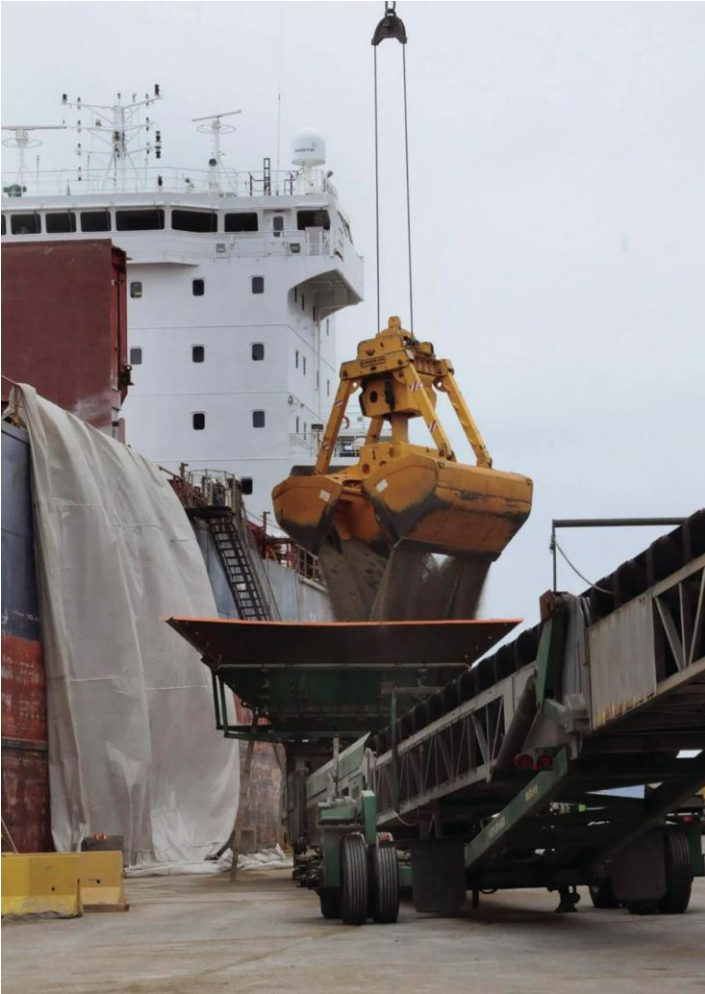
[Chris Mazzella]

Wagenborg orders fifth EasyMax multipurpose vessel

Wagenborg has ordered a fifth EasyMax multipurpose vessel at the Royal Niestern Sander shipyard. The two companies agreed to start the construction of another 14,000 dwt vessel, set for delivery by the end of 2025.

Thunder Bay Port busy place in 2023

By Sandi Krasowski, Local Journalism Initiative Reporter, The Chronicle-Journal Dec 31, 2023



Phosphate fertilizer is unloaded from a vessel at Keefer Terminal with the help of the port's giant crane. Sandi Krasowski

Chris Heikkinen, the port's chief executive officer, said the port has been busy this year in most areas, with total cargo volumes expected to increase by about 1.5 million tonnes, or 20 per cent over last year.

"Ship visits are up accordingly, particularly the number of salty vessels calling the port, which will be in the top-three all time for our port," he said.

Heikkinen called the potash exports an "unprecedented success" exceeding last year's record-breaking seasonal total by over 300,000 metric tonnes.

Grain volumes rebounded in 2023, increasing by upwards of 20 per cent over the 2022 level.

Expert BWTS Team Secures Grant from Transport Canada

December 29, 2023 Marine Link

Mouawad Consulting, Boll & Kirch, bestUV, KraftPowercon and Lower Lakes Towing, have received CAD 5 million from Transport Canada towards a project aimed at addressing technical challenges surrounding the installation, operation, and maintenance of ballast water management systems (BWMS) on vessels operating within the Great Lakes and St. Lawrence River (GLSLR) region.

"The significance of this grant cannot be overstated. Through our partnership with Mouawad Consulting, Boll & Kirch, KraftPowercon and Lower Lakes Towing, we aim to explore innovative technologies that ensure compliance and sustainability in ballast water management. This project aligns with our core values of environmental responsibility and technological advancement," said Dr. Ir. Léon Janssen, R&D Director at bestUV.



Source: Mouawad Consulting



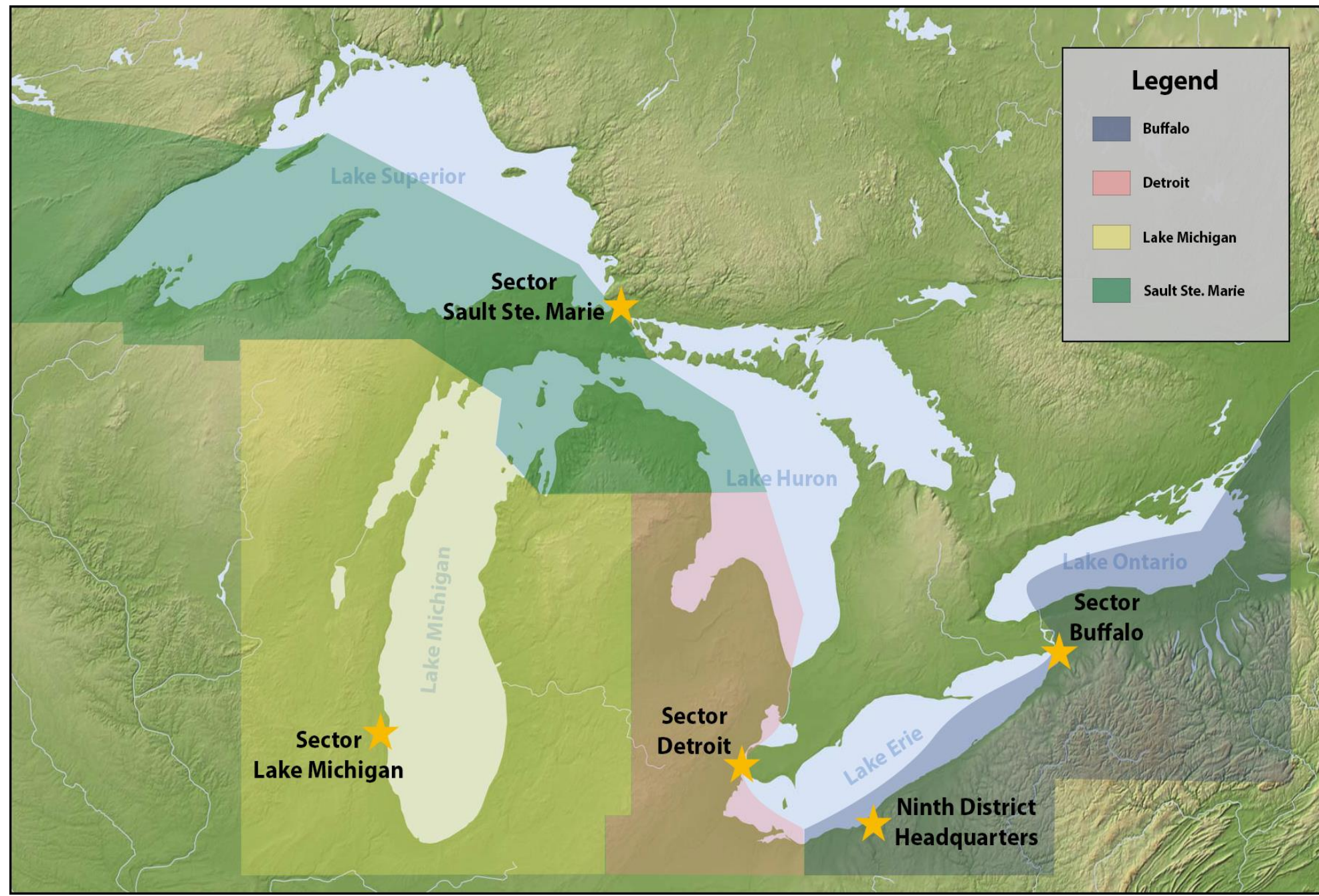
W. J. Scott Purvis-Barge IronMaster & tug Adanac III [David Kaye] 12-14-2023



David Kaye 2023

Name changes at the U.S. Coast Guard

CLEVELAND, OH – Coast Guard Sectors Buffalo and Sault Ste. Marie are scheduled to change names to Sectors Eastern Great Lakes and Northern Great Lakes, respectively, on Dec. 1, 2023.





LAKE CARRIERS' ASSOCIATION



Great Lakes Iron Ore Trade Up 20.7 Percent in 2023

CLEVELAND – Shipments of iron ore on the Great Lakes totaled 4.8 million tons in December, an increase of 19.8 percent compared to a year ago. Shipments were just slightly above the 5-year average for the month.

The year-end total for the iron ore trade stands at 51.1 million tons, an increase of 20.7 percent compared to 2022.

Compared to the trade's 5-year average, 2023 iron ore loadings were up 4.5 percent.

Since 1880, Lake Carriers' has represented the U.S.-flag Great Lakes fleet, which today can move more than 90 million tons of cargos annually that are the foundation of American industry, infrastructure, and power: iron ore, stone, coal, cement, and other dry bulk materials such as grain, salt, and sand. More information is available at www.lcaships.com.

Great Lakes Iron Ore Shipments: December 2018-2023 and 5-Year Average Includes Transshipments to Quebec City for Shipment Overseas

(net tons)

Port	2018	2019	2020	2021	2022	2023	Average 2018-2022
Duluth, MN	1,050,260	623,346	711,111	585,725	740,415	862,141	742,171
Superior, WI	1,139,119	962,300	615,368	1,080,199	839,100	1,100,736	927,217
Two Harbors, MN	1,715,904	1,459,835	1,716,377	1,559,111	1,284,398	1,377,157	1,547,125
Silver Bay, MN	559,980	666,188	507,707	369,820	0	363,521	420,739
Marquette, MI*	760,133	774,946	737,384	557,936	653,474	676,569	696,775
Cleveland, OH**	342,422	332,708	180,961	370,347	468,968	394,364	339,081
Ashtabula, OH	206,382	18,925	185,489	0	0	0	82,159
Total	5,774,200	4,838,248	4,654,397	4,523,138	3,986,355	4,774,488	4,755,268

*Marquette = Presque Isle in previous reports

**Transshipments within Cleveland Harbor

Year-To-Date 2018-2023

Port	2018	2019	2020	2021	2022	2023	Average 2018-2022
Duluth, MN	8,111,519	8,359,607	8,047,633	8,843,603	7,381,085	9,048,127	8,148,689
Superior, WI	12,939,250	11,602,998	7,037,669	11,719,625	11,290,354	12,415,253	10,917,979
Two Harbors, MN	16,839,494	16,942,617	13,303,809	15,407,333	13,953,527	14,918,359	15,289,356
Silver Bay, MN	6,415,696	5,632,842	4,382,861	5,873,375	1,735,362	3,239,443	4,808,027
Marquette, MI*	7,161,470	6,999,782	5,391,001	6,144,094	5,394,125	7,075,000	6,218,094
Cleveland, OH**	2,925,618	2,679,189	2,021,923	3,617,145	2,560,605	4,362,457	2,760,896
Ashtabula, OH	1,190,934	1,246,992	1,046,225	28,553	0	0	702,541
Total	55,583,981	53,464,027	41,231,121	51,633,728	42,315,058	51,058,639	48,845,583

Information based on data from knowledgeable sources. However, accuracy cannot be guaranteed. Lake Carriers' Association assumes no legal responsibility for the outcome of decisions or commitments made on the basis of this information. Report represents the views of Lake Carriers' Association and may not necessarily represent the views of its individual members.

CLEVELAND — Shipments of limestone on the Great Lakes totaled 28.6 million tons in 2023, a decrease of less than one percent compared to 2022. 2023's loadings were below the trade's 5-year average by 1.1 percent.

Loadings from U.S. quarries increased less than one percent from the prior year to 23.1 million tons. However, shipments from U.S. quarries were below their 5-year average by less than one percent.

Shipments from Canadian quarries totaled 5.5 million tons, a decrease of 4.4 percent compared to 2022 and 1.8 percent below the 5-year average.

GREAT LAKES LIMESTONE TRADE: DECEMBER 2018-2023 AND LONG-TERM AVERAGE
(NET TONS)

	2018	2019	2020	2021	2022	2023	Average 2018-2022
U.S. Ports	1,314,890	817,038	847,215	1,323,849	1,079,583	1,646,093	1,076,515
Canadian Ports	109,642	149,841	276,112	205,840	163,913	331,833	181,070
Total	1,424,532	966,879	1,123,327	1,529,689	1,243,496	1,977,926	1,257,585

YEAR-TO-DATE 2018-2023 AND LONG-TERM AVERAGE
(NET TONS)

	2018	2019	2020	2021	2022	2023	Average 2018-2022
U.S. Ports	23,451,984	25,661,633	21,089,508	23,492,512	23,041,015	23,121,484	23,347,330
Canadian Ports	5,170,473	5,540,370	5,510,556	6,024,618	5,752,246	5,499,081	5,599,653
Total	28,622,457	31,202,003	26,600,064	29,517,130	28,793,261	28,620,565	28,946,983

U.S. ports: Calcite, MI; Cedarville, MI; Drummond Island, MI; Marblehead, OH; Port Inland, MI; and Presque Isle, MI. Canadian ports: Bruce Mines, Manitoulin Island, Port Colborne (from August 2017 on), and Smelter Bay (all Ontario).

About Lake Carriers' Association

Since 1880, Lake Carriers' has represented the U.S.-flag Great Lakes fleet, which today can move more than 90 million tons of cargoes annually that are the foundation of American industry, infrastructure, and power: iron ore, stone, coal, cement, and other dry bulk materials such as grain, salt, and sand. More information is available at www.lcaships.com.



The Gordie Howe International Bridge is now slated to open in September 2025, a delay of 10 months from its original targeted completion date in 2024.

The new targeted opening date means the international border crossing will now cost \$6.4 billion Cdn, up from the original \$5.7-billion cost estimate.

Gordie Howe bridge opening date pushed back, project cost up by \$700 million

Thu, January 4, 2024 at 11:06 a.m. EST

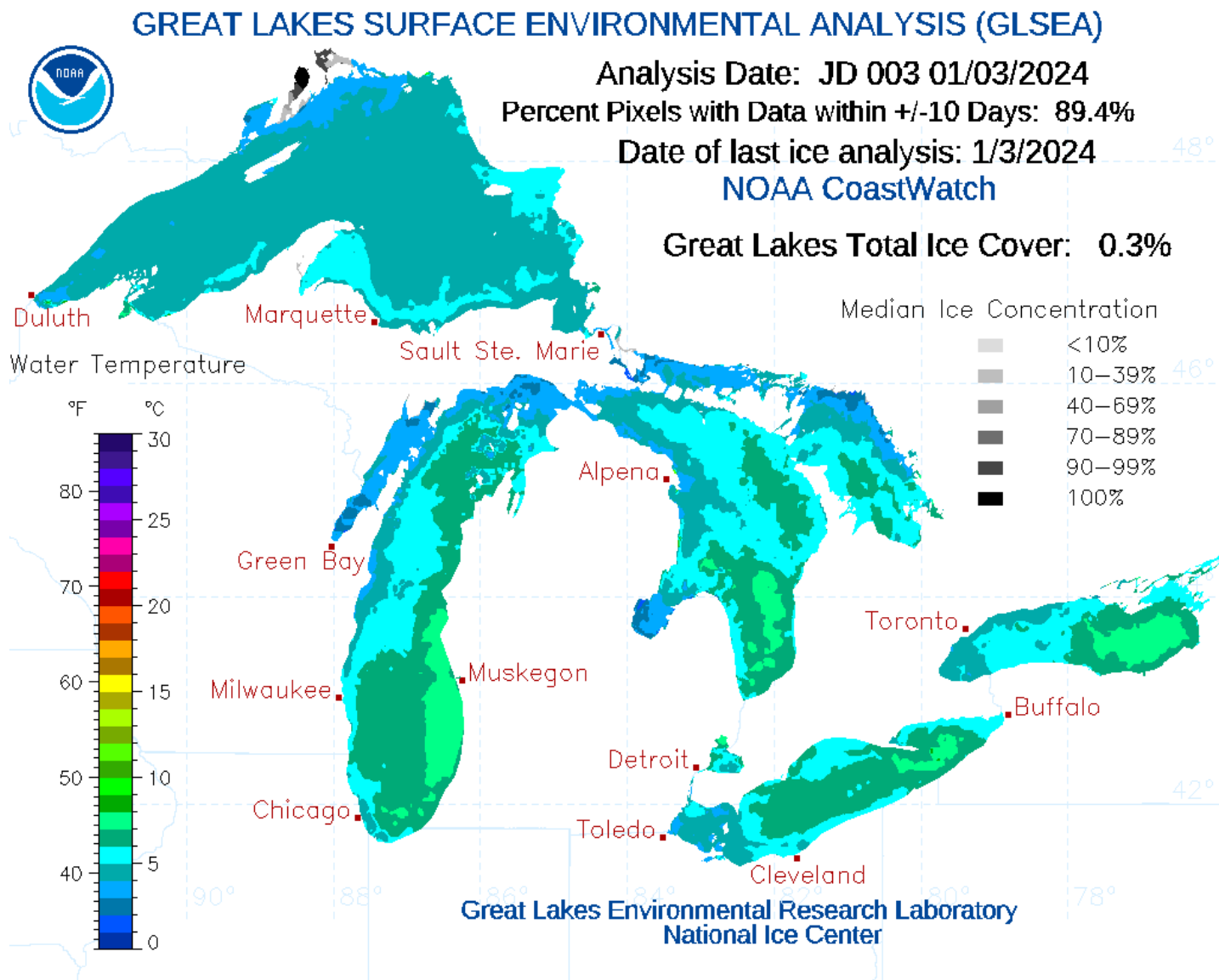
Crews work on the Canadian side of the Gordie Howe International Bridge in July. (Patrick Morrell/CBC - image credit)

Great Lakes start 2024 with smallest amount of ice in at least 50 years

The Great Lakes had the smallest amount of ice cover this New Year's Day in at least the past 50 years and are on track to see less than the seasonal average this winter, according to government data. The decline comes during a five-decade drop in ice cover that experts say is due in part to human-caused climate change.

On the first of the year, only 0.35 percent of the Great Lakes was under ice, below the roughly 9 percent that it usually averages at this point in the winter, according to data from GLERL. On New Year's Day 2023, more than 4 percent of the Great Lakes was covered in ice, while 2.35 percent was covered in ice on Jan. 1, 2022.

NEWS4



Government of Canada invests in expansion of Archer Daniels Midland Company (ADM) Grain Terminal at Port Windsor

From: Transport Canada News release January 11, 2024
Windsor, Ontario Transport Canada

Today, Parliamentary Secretary and MP for Windsor-Tecumseh, Irek Kusmierczyk, announced an investment of up to \$26.3 million under the National Trade Corridors Fund for the Archer Daniels Midland Company (ADM) Grain Terminal Expansion Project at Port Windsor. The project will include:

- **the construction of new grain drying equipment;**
- **an expansion of grain storage capacity;**
- **an expansion of shipping and receiving conveyor loading capacity; and**
- **the development of an automated truck kiosk system to expedite complex traffic flows.**



Seaway's last vessels for the season

MONTREAL, QC

Jan. 5 marked the closing of the Montreal-Lake Ontario section of the binational St. Lawrence Seaway. The tanker **Mia Desgagnes** was the last downbound vessel to transit the U.S. Locks for the 2023 shipping season. The vessel was transporting petroleum products from Sarnia to Montreal. The bulk carrier **Algoma Conveyor** was the last upbound vessel to transit the U.S. locks for the 2023 navigation season. The vessel was in ballast transiting from Quebec to Port Colborne, ON. Great Lakes St. Lawrence Seaway Development Corporation



The \$135M plan to build Canada's largest sugar processing plant in Hamilton, Ont.

By Don Mitchell
Global News
January 16, 2024



SucroCan Sourcing says a \$135-million investment in a new refinery will equate to the production of some one million metric tonnes of sugar per year at a forthcoming Pier 15 location.

Great Lakes History

December and January



Canal Marine and Industrial

50 years of service!

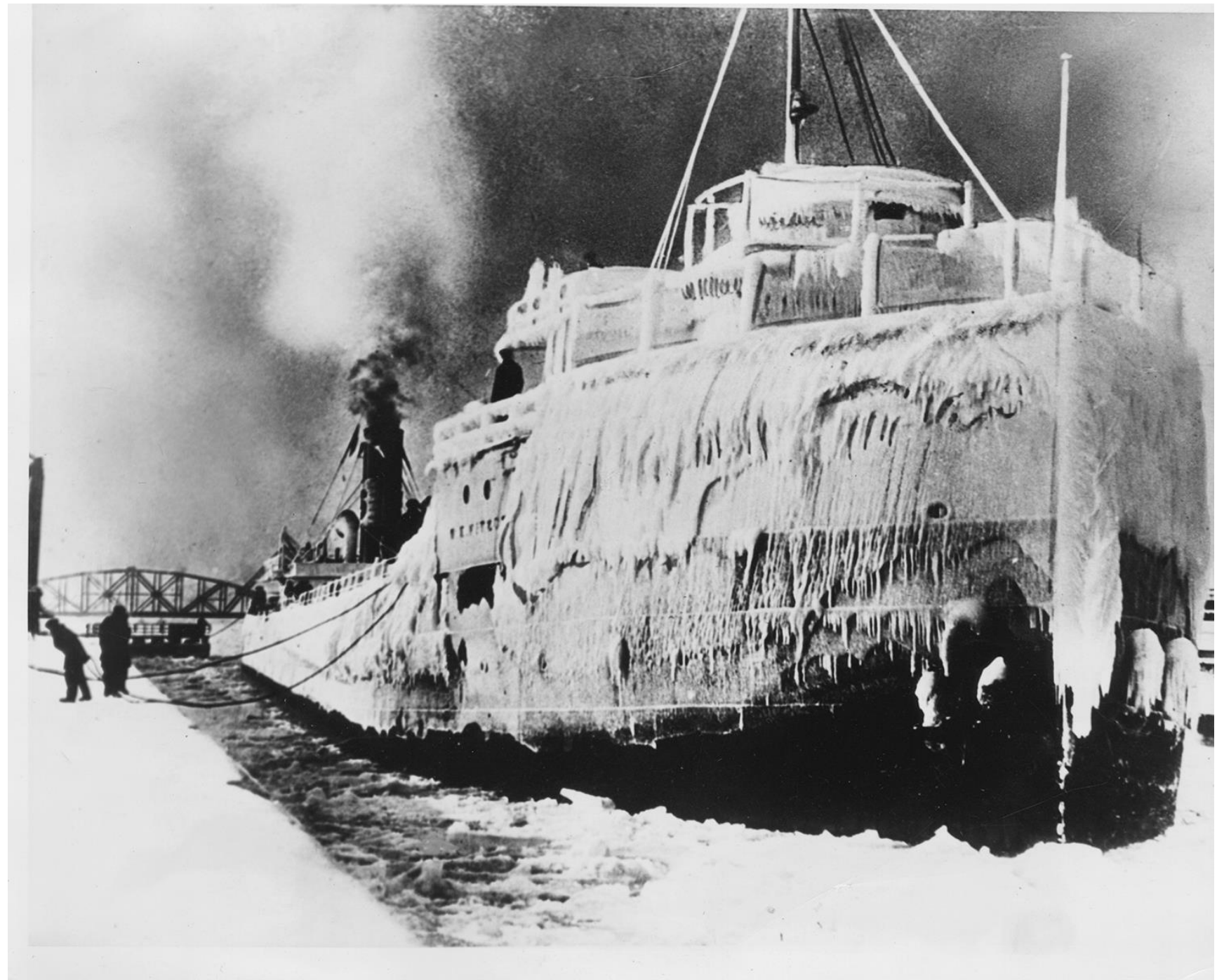
November 1973, CANAL MARINE opened its doors in St. Catharines, Ontario to support the Great Lakes maritime industry by delivering reliable electrical builds and services for owners and the shipbuilding and repair community. In the year of the Montreal Olympics, CANAL completed the electrical work on the Upper Lakes Canadian Olympic. She measured 730 feet in length, had a capacity of 35,859 tons and was built at the Port Weller dry docks. As an added challenge the power and electrical system was designed to accommodate self-unloading functionality, state of the art technology for the time. Photo Credit: Canadian Olympic taken on the St. Mary's River by RogerLeLievre

In December...

On December 14, 1926, W.E. FITZGERALD was caught in heavy seas and suffered damaged frames and hull plating. Repairs consisted of replacing nearly 25,000 rivets and numerous hull plates.

W.E. Fitzgerald iced up Soo.

Press Photo/Roger LeLievre
Collection





**1920:
LIGHTSHIP 103
was
commissioned
December 22,
1920.**

Lightship 103 HURON [Larry Geiger Collection]



**In
December...**

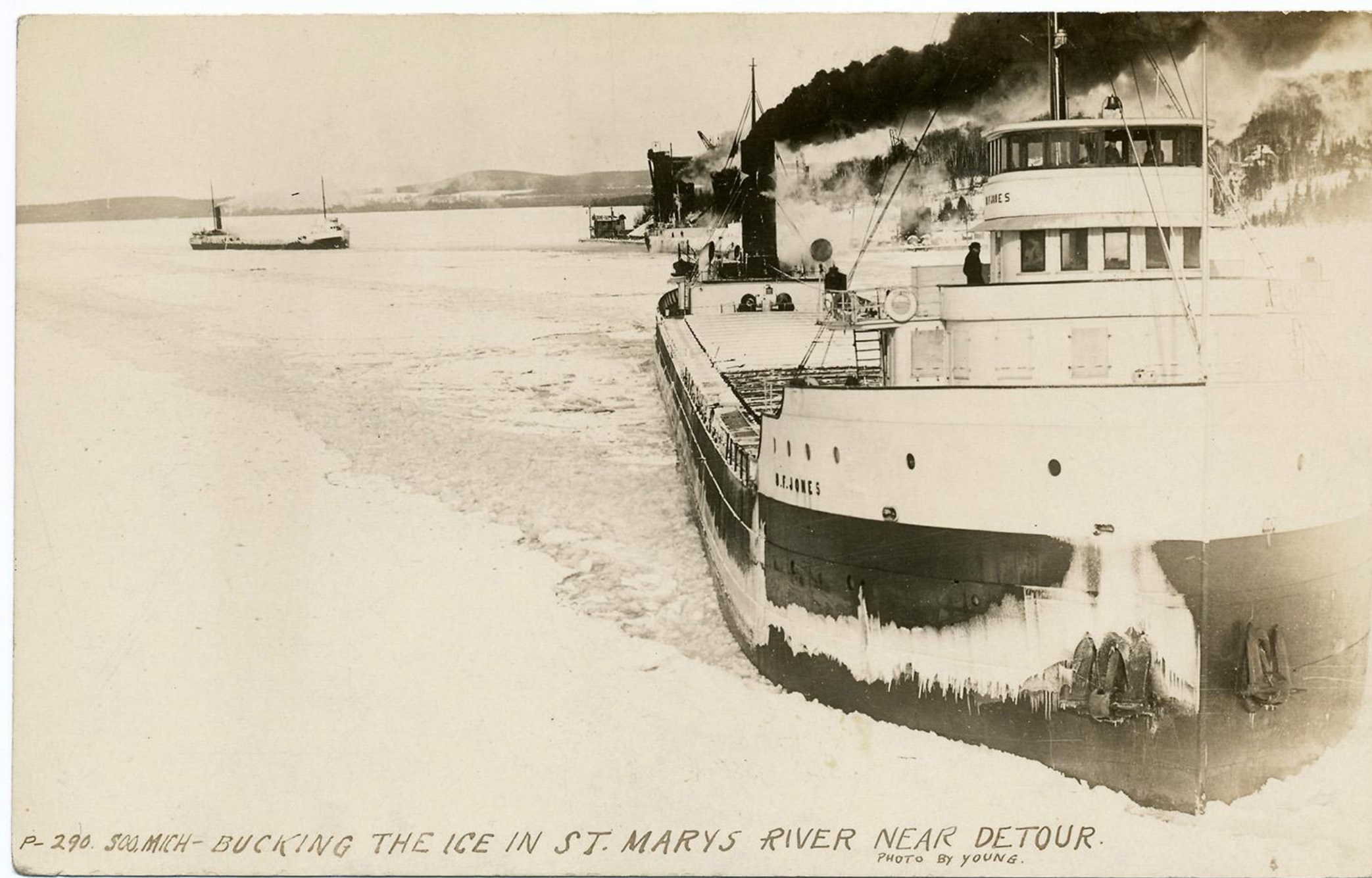
**1976:
CHARLES
DICK was
sold for
scrap to
Marine
Salvage
Ltd., Port
Colborne,
Ontario, on
December
23, 1976.**

Charles Dick. Jim Hoffman

**In
December
...
B.F. Jones
off Lime
Island in
ice.**

A.E. Young Photo
Peter B. Worden
Collection/MHSD

*P-290. 500 MICH - BUCKING THE ICE IN ST. MARYS RIVER NEAR DETOUR.
PHOTO BY YOUNG.*





The icebreaker Alexander Henry pictured in Midland in 1960 (photo left).

Huron Museum and Huron Ouendat Village photo

Three CSL bulk carriers, the Sir James Dunn, the Hochelaga and the Thunder Bay are wintering in front of the Tiffin Elevator filled with thousands of bushels of grain yet to be unloaded and behind them at the Aberdeen are the Algosteel (A.S. Glossbrenner, then Algogulf) and Gleneagles in this 1960 photo right.

Huron Museum and Huron Ouendat Village photo



Thank you for viewing our December 2023 and January 2024 monthly Industry Update.

Hope you enjoy and find the information useful.

Master Mariners of Canada – Great Lakes Division

