

Remembering – November 11th Canada's Merchant Marine



- A total of 12,000 men and women served in Canada's Merchant Navy.
- More than 25,000 merchant ship voyages were made during the war.
- When the war began, Canada had 38 ocean-going merchant vessels. By war's end 410 merchant ships had been built in Canada.

The casualty rate was one in seven, a higher percentage of total casualties than those suffered by any of Canada's fighting services. Approximately 1,500 Canadians died, including eight women. As well, 59 Canadian-registered merchant ships were lost.

Great Lakes and Marine Industry News Update

November 2022

Two Harbors, MN – Joshua

Hebeisen

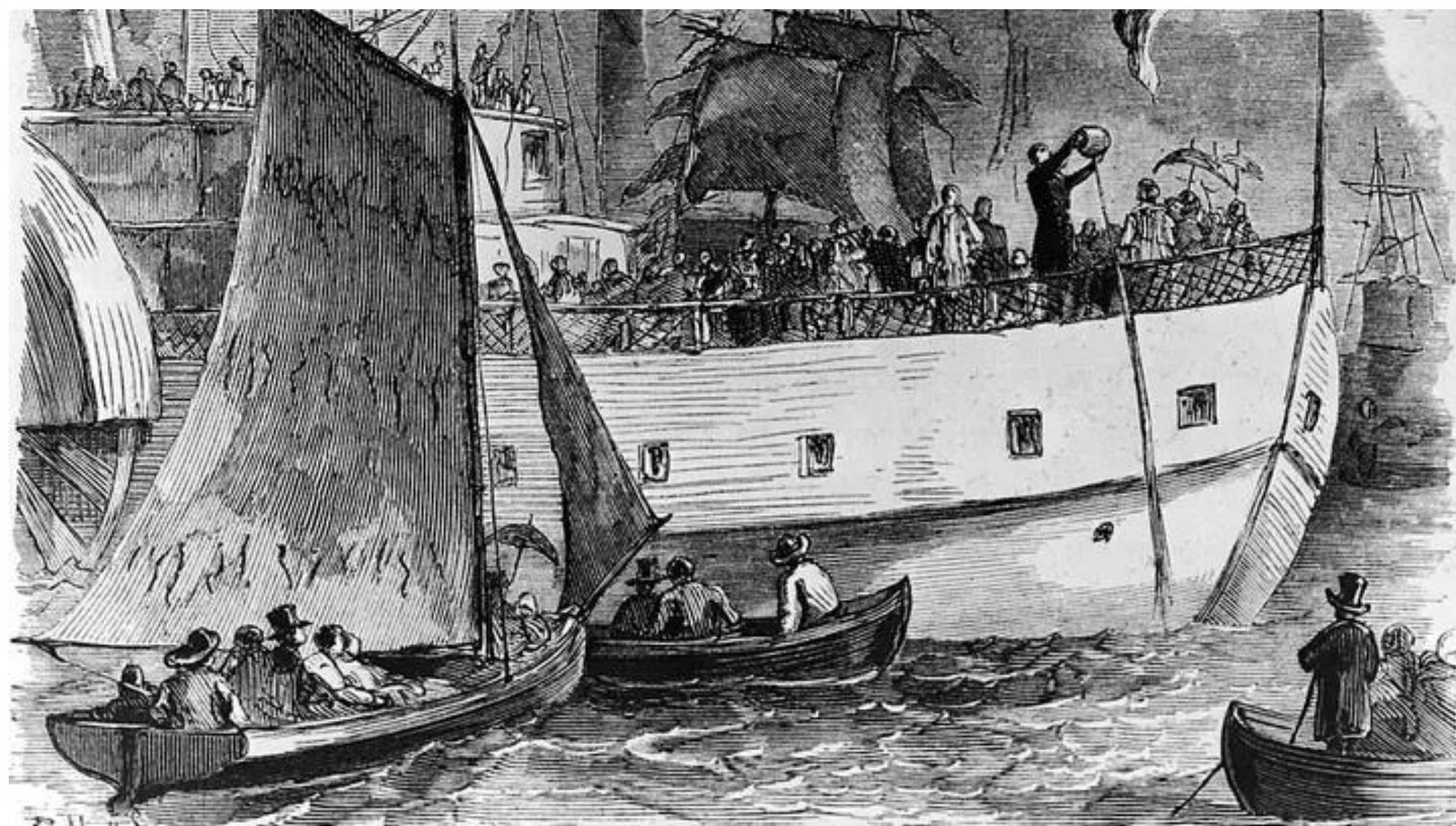
Tuesday Oct. 18th was one for the record books in Agate Bay as Spliethoff's general cargo vessel Humbergracht, fresh from Duluth, reportedly took the honor of being the first dedicated saltwater vessel to take on a load of iron ore pellets at Two Harbors. It is believed that she will be taking on approximately 10,000 tons of reclaimed taconite pellets for overseas shipment to Iceland or the United Kingdom. The historic arrival was logged at 09:43.



**On Oct.
26, 1825,
Erie
Canal
opens**



Scene on the Erie Canal, 1842; wash drawing. The canal was a major achievement that improved the nation's transportation infrastructure and provided great economic benefit for much of the country. (Getty Images)



It featured 18 aqueducts, 83 locks and a 570-foot change in elevation.

Freight rates from Buffalo to New York of \$10 per ton by Canal, compared with \$100 per ton by road. In 1829, there were 3,640 bushels of wheat transported down the Canal from Buffalo. By 1837 this figure had increased to 500,000 bushels; four years later it reached 1 million."

[LIFESTYLE](#)

Published October 26, 2022 12:02am EDT

Engraved illustration of "Wedding of the Lakes with the Ocean," which depicts the arrival of the Seneca Chief into the New York harbor; there, Gov. Clinton emptied two barrels of water from Lake Erie into the Atlantic Ocean in New York in a formal ceremony, circa 1825. (Photo by Lawrence Thornton/Getty Images)



***USS
Cooperstown
takes her
maiden voyage
down the Detroit
River.***

*Lincat Photography image,
October 25*



The 84-year-old Quebec-based excursion vessel AML Louis-Jolliet was upbound Wednesday at Lock 1 in the Welland Canal shortly before arriving at the Heddle shipyard in Port Weller for refurbishing.

AML Louis Jolliet headed for drydocking at Port Weller. *Barry Andersen image,*

October 19



**Roger Blough
tow on the way
to Conneaut On
Sunday
October 30,
2022, the M/V
Roger Blough
tow passed
under the Blue
Water Bridges
at Port
Huron/Sarnia**



**Meredith Ashton
tugs Roger Blough
towards the Blue
Water Bridge at
Port Huron.**

Lincat Photography image,
October 30

Mmishler22



**Roger
Blough
faces an
uncertain
future at
the old
coal dock
in
Conneaut.**

Stephen Barnes
November 5



BARBEAU, MI – The new, 92-foot-long ferry Neebish Islander III was delivered from builder Burger Boat Co. in Manitowoc, WI, to her owner, the Eastern Upper Peninsula Transportation Authority, at Barbeau, MI. After crew training and trials, she is expected to enter service between the island and the mainland after a dedication ceremony Nov. 9. It is not known what will happen with the current ferry Neebish Islander II.

Roger LeLievre

GREAT LAKES LIMESTONE TRADE: OCTOBER 2017-2022 AND LONG-TERM AVERAGE
(NET TONS)

	2017	2018	2019	2020	2021	2022	Average 2017-2021
U.S. Ports	2,992,327	2,815,287	3,112,770	2,574,791	2,915,616	3,197,709	2,882,158
Canadian Ports	683,936	603,257	696,978	708,406	638,517	736,157	666,219
Total	3,676,263	3,418,544	3,809,748	3,283,197	3,554,133	3,933,866	3,548,377

YEAR-TO-DATE 2017-2022 AND LONG-TERM AVERAGE
(NET TONS)

	2017	2018	2019	2020	2021	2022	Average 2017-2021
U.S. Ports	19,502,362	19,834,280	22,260,673	17,958,044	19,447,386	19,867,668	19,800,549
Canadian Ports	4,317,514	4,572,212	4,960,880	4,652,774	5,193,170	5,137,804	4,739,310
Total	23,819,876	24,406,492	27,221,553	22,610,818	24,640,556	25,005,472	24,539,859

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).

2022 November 2 13:29

Heddle Shipyards secures the VLE contract for CCGS Terry Fox

This is the largest single project in the history of the Canadian Coast Guard's VLE Program

Heddle Shipyards has been awarded a \$135.5 million dollar contract for the Vessel Life Extension (VLE) of the Canadian Coast Guard Ship (CCGS) Terry Fox – securing the future of the Port Weller Dry Docks for the next generation of Ontario shipbuilders.

The nearly three-year project will involve an extensive engineering, planning and procurement phase, with shipyard work scheduled to begin in December 2023. This multi-year project will create and sustain over 200 hundred jobs at the Port Weller Dry Docks through the summer of 2025 when the CCGS Terry Fox is scheduled for redelivery.



Seaway Closing Dates

Montreal-Lake Ontario Section

- **all vessels must be clear of the Montreal-Lake Ontario Section at 12:00 hours (noon) on December 31, 2022.**

Welland Canal

- **As part of a season pilot program this navigation season, all vessels must be clear of the Welland Canal at 12:00 hours (noon), January 7, 2023, operating conditions permitting.**

Sault Ste. Marie Locks and Canal (United States)

- **Closing of the Sault Ste. Marie Locks (U.S.A.) is currently scheduled for January 15, 2023.**

Name Change Announcement:

The CMIF is now the CMCF

Brian Affouan, Communications Specialist, Recent Graduate, Career in Marine

OTTAWA, ON, November 2, 2022 – As of today, The Canadian Marine Industry Foundation (“CMIF”) has officially changed its name to the Canadian Marine Careers Foundation (“CMCF”).

The new title better reflects the organization’s overall mission to promote the diversity of careers within Canada’s marine sector. Replacing the word “industry” with “careers” widens recognition of the foundation’s focus on both the commercial marine sector and marine career opportunities within the public sector.

CANADIAN
MARINE
CAREERS
FOUNDATION

FONDATION
DES CARRIÈRES
MARITIMES
CANADIENNES



Aids to Navigation User Survey St. Mary's River

Good Day,

The Canadian Coast Guard is conducting a user survey on the navigation aids used in the St. Marys River.

If you are a regular user of the river, no matter what size of vessel, please click on the link below to add your opinion and experience:

[Aids to Navigation User Survey St. Mary's River](#)

The more information that the Coast Guard can gather from users, the more resources they will put into the aids and waterways we use.

Please feel free to pass this survey onto others you know who may transit the St. Marys River.

Best Regards,

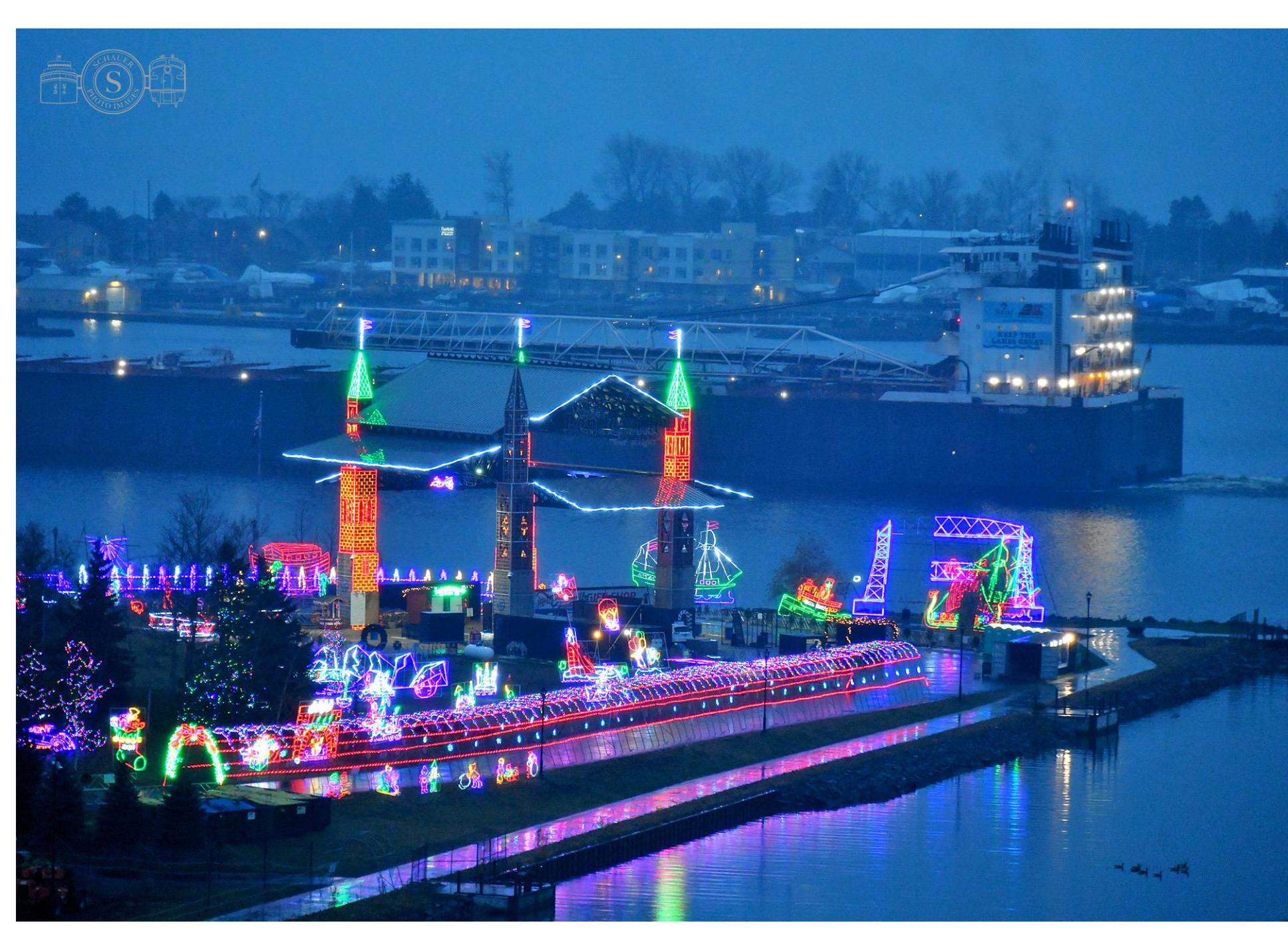
Seann O'Donoghue

ISMA Canadian Navigation Safety and Engineering Committee



Bentleyville's annual Festival of Lights does a test run for Indiana Harbor as the footer departs Duluth with ore for Conneaut.

David Schauer image,
November 3



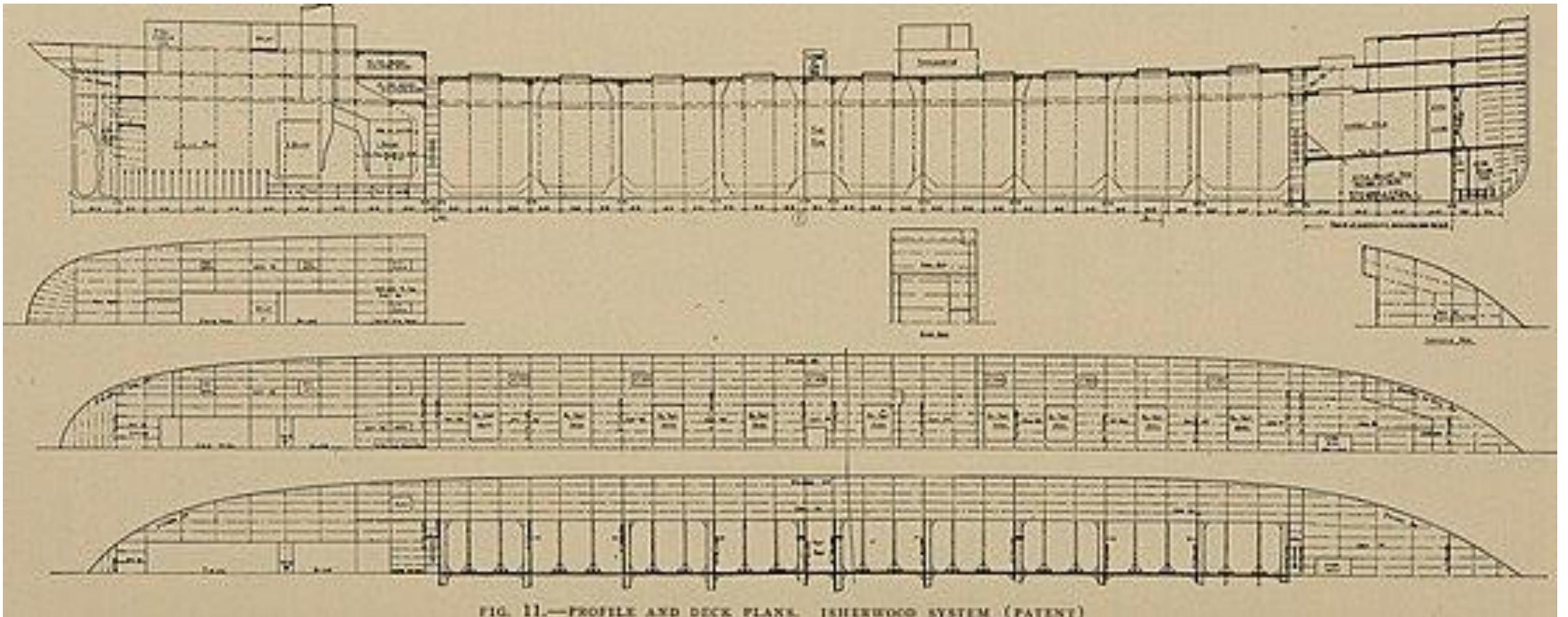


FIG. 11.—PROFILE AND DECK PLANS, ISHERWOOD SYSTEM (PATENT)

Longitudinal framing (also called the Isherwood system after British naval architect Sir Joseph Isherwood, who patented it in 1906) is a method of ship construction in which large, widely spaced transverse frames are used in conjunction with light, closely spaced longitudinal members. [Wikipedia](#)



Mr. J. W. Isherwood visited the Great Lakes Engineering Works shipyard on November 5, 1910, and personally inspected the hull which was being built according to his patented design. This vessel, the WILLIAM P. PALMER, was the first vessel on the Great Lakes built to the Isherwood system of longitudinal framing.

Strong prairie grain harvest helps Thunder Bay port

TBnewsWatch.com Staff

Last year's harvest was poor, but grain from the new crop is now moving through the port

The Thunder Bay Port Authority said grain shipments in October rose by 33 per cent from September, and were eight per cent better than October 2021.

But this year's harvest is the third largest on record, and grain from this crop is what's currently being shipped through the port to markets in Europe, Africa and South America. Although year-to-date grain shipments remain below last year's totals because of the smaller size of the previous harvest, another important cargo category is showing a dramatic increase in tonnage due to Russia's war against Ukraine.

Thunder Bay has handled 1.07 million tonnes of potash from Saskatchewan so far, over 150 per cent more than a year ago.



MV Federal Nakagawa departed the Port of Thunder Bay in October after taking on 23,000 tonnes of canola at G3 Terminal (Michael Hull photo)

TINDALL-SCHLICHT NAMED SEAWAY ADMINISTRATOR

Today the White House announced President Biden's appointment of former Milwaukee port director, Adam Tindall-Schlicht, as the next Administrator of the Great Lakes St. Lawrence Seaway Development Corporation (GLS). Mr. Tindall-Schlicht resigned his position at Port Milwaukee on October 19.





SEAWAY MONTHLY TRAFFIC RESULTS

October 2022

Traffic (in thousands of tonnes)	SLSMC - Combined Traffic			
	Year to Date		Change from 2021	
	2021	2022	Tonnes	%
Total Cargo	29 051	27 556	-1495	-5.15%
All Grain	7 344	6 481	-863	-11.75%
Iron Ore	5 947	5 388	-559	-9.40%
Coal	1 700	1 457	-243	-14.29%
Dry Bulk	8 598	8 903	305	3.55%
Liquid Bulk	2 480	2 841	361	14.56%
General Cargo	2 916	2 441	-475	-16.28%
Vessel Transits	2021	2022	Transits	%
Total Transits	3 013	3 102	89	2.95%

The Edmund Fitzgerald launch at Great Lakes Engineering Works on June 7, 1958.





Edmund Fitzgerald seen from the Ambassador Bridge. In this photo, the vessel is underway (downbound) on the Detroit River in 1960.

530 FEET DOWN

These sketches are from the U.S. Coast Guard Marine Casualty Report issued in April 1977 following a disaster investigation. The sketches were made from dive video, showing two halves of the wreck covered in lake bottom mud.

SS EDMUND FITZGERALD
NOVEMBER 10, 1975



Figure 7. Sketch of stern section from ahead.

SS EDMUND FITZGERALD
NOVEMBER 10, 1975



Figure 6. Sketch of bow section from astern.

7,000

Approximate number of recorded shipwrecks on the Great Lakes, resulting in

30,000

 lives lost.

Lake Superior

240

Shipwrecks off Whitefish Point between 1816 and 1975

Edmund Fitzgerald shipwreck

Whitefish Point

Sault Sainte Marie

Lake Superior's

350

shipwrecks

amount to approximately **5%** of all Great Lakes shipwrecks

Detroit church remembers sailors lost on the Great Lakes

By Candice Williams
The Detroit News



Detroit — Bells tolled at Mariners' Church of Detroit on Sunday in memory of sailors who have lost their lives at sea on the Great Lakes.

The annual Great Lakes Memorial service was held at the historic church, which sits along the Detroit River in downtown Detroit.

An estimated 30,000 deaths and roughly 6,000 shipwrecks have occurred on Lakes Superior, Michigan, Huron, Erie and Ontario. Thursday was the 47th anniversary of possibly the most notable wreck: the Nov. 10, 1975, sinking of the S.S. Edmund Fitzgerald.



***Heavy
weather at
the Duluth
Ship Canal.***

*Steve Sola image,
November 11*

U.S. and Canada Launch Green Shipping Corridor for Great Lakes – St. Lawrence Seaway

The United States and Canada have launched an initiative to establish a “green shipping corridor” for the Great Lakes – St. Lawrence Seaway System.

Under the Initiative, the U.S. Department of Transportation, the U.S. Department of State, and Transport Canada will work with state, provincial, local communities, private-sector and non-governmental leaders, and Indigenous Peoples of Canada and the United States to host consultations with ports and other stakeholders, with the goal of facilitating the establishment of a Great Lakes Green Shipping Corridor Network.

The green corridor was announced to coincide with the UN COP27 climate change conference taking place this week in Egypt and is one of several announced during the event.

Green corridors have been growing in popularity since last year’s COP26 conference in Glasgow. They are seen as a means to help the shipping industry decarbonize and involve setting up specific trade routes between major port hubs where zero-emission solutions are demonstrated and supported. They are viewed as a key means of spurring the early adoption of zero-emission fuels and technologies that will put the shipping sector on a pathway to align with the goal of limiting global temperature rise to 1.5 degrees Celsius.

Algoma Central Corporation and Furetank double investment in product tankers

ST. CATHARINES, ON – Algoma Central Corporation (TSX: ALC) today announced that it has doubled its investment in the FureBear joint venture, and will construct four additional dual-fuel ice class 1A 17,999 DWT climate-friendly product tankers with their partner Furetank AB (“Furetank”) of Sweden, bringing the total investment to eight vessels. Algoma owns 50% of the joint venture.

Like the initial four vessel order, the additional ships will be constructed at China Merchants Jinling Shipyard in Yangzhou, China, with delivery expected between 2023 and 2025. Two of the four vessels had previously been ordered by Furetank in September and will be transferred to FureBear, and the other two vessels have been placed as new orders bringing the total vessels in the Vinga series to 17. Upon completion, all eight FureBear vessels will be entered into the Gothia Tanker Alliance, and will be operated by Furetank out of Gothenburg, Sweden.

The Vinga ships are designed with FKAB Marine Design and all have dual-fuel capability and run on LNG/LBG or gasoil and are also fully equipped for shore power. They are designed with a battery hybrid solution and several innovative features that reduce fuel and energy consumption, resulting in extensively lower emissions of CO₂, sulphur oxide, nitrogen oxide and hazardous particles. The ships have scored the best Energy Efficiency Design Index or EEDI value in their segment globally, meaning that they are the most energy efficient vessels according to the International Maritime Organization (IMO).

Algoma Central Corporation

Soon-to-be-scrapped Ojibway hauled ashore

Social media posts show the former Lower Lakes Towing Co. bulk carrier is showing being inched ashore at Marine Recycling Corp Scrapyard at Port Colborne, ON.

The vessel, built in 1952 as Charles L. Hutchinson (ii) and which sailed for many years as Ernest R. Breech for the Ford Motor Co. fleet, was retired at the end of last season due to needed repairs that could not be economically justified.





**Ojibway has
been fully
hailed ashore
in Port
Colborne, with
cutting to begin
shortly.**

Wayne Elliott image,

November 14

National CMAAC – Ottawa – November 8 – 10, 2022

Tuesday November 8	Wednesday Nov 9	Thursday November 10
<p style="text-align: center;">AM Opening Plenary</p>	<p style="text-align: center;">AM Marine Occupational Health and Safety Navigation and Operation S.C. Domestic Vessel Regulatory Oversight S.C. (full day)</p>	<p style="text-align: center;">AM Marine Personnel S.C. (full day) Fishing Vessel Safety S.C. (full day) Marine Research and Development and Innovation</p>
<p style="text-align: center;">Noon to 1 PM Lunch</p>	<p style="text-align: center;">Noon to 1 PM Lunch</p>	<p style="text-align: center;">Noon to 1 PM Lunch</p>
<p style="text-align: center;">PM Transportation Safety Board Environment S.C. Fishing Vessel Safety Regulatory Issues W.G. Seafarer Welfare Board W.G</p>	<p style="text-align: center;">PM Pilotage Recreational Boating S.C.. Domestic Vessel Regulatory Oversight S.C. (continued) Marine Security S.C</p>	<p style="text-align: center;">PM Marine Personnel S.C. (continued) Fishing Vessel Safety S.C. (continued) Construction and Equipment S.C.</p>

CMC Marine Day on the Hill 2022

•November 15, 2022

The Chamber of Marine Commerce (CMC) Day on the Hill 2022 will take place Tuesday, November 15. It will be an opportunity for CMC's membership to meet Ottawa senior decision makers to share their views on the current state of federal policies and regulation toward marine shipping.

The CMC looks forward to discussing the newly-announced **Green Corridor Framework** – an initiative the CMC has been calling for this year in the Great Lakes-St Lawrence region, and one that is consistent with the Government of Canada's objectives at COP 27. It will be a good demonstration project for the country as to how increased usage of the marine transportation mode will benefit Canadians during the energy transition towards 2050. Because marine transport is already a leader in environmentally friendly shipping, producing less CO2 per tones carried than truck or rail, it only makes sense for the Canadian supply chain to increase its utilization and make the most out of the Great Lakes and St Lawrence waterway.



CHAMBER OF
MARINE COMMERCE



Port Of Oswego Makes \$3.5 Million In Dock Upgrades

[November 14, 2022](#)

[ChirelloMarketing](#)

In the last 18 months, the Port of Oswego Authority has invested over \$3.5 million in dock upgrades and that number will double by the end of next year. The upgrades will allow multiple ships to berth at the same time for cargo operations.

DRAFT NATIONAL PILOTAGE CERTIFICATE TRAINING PROGRAM SYLLABUS

SKILL SET # 3 – PILOTAGE IN RIVERS

1. COMPETENCE: ABILITY TO EVALUATE NAVIGATION CONDITIONS AND SHIP'S CHARACTERISTICS.

PO

PM

Training guidance:

- Ship's Manoeuvring diagram.
- Ship Specifications:
 - vessel's main engine and rudder response times;
 - drafts, water depths and air drafts;
 - fuel requirements (heavy/light, time required for fuel change-over);
 - identify defects or deficiencies (navigational aids, ship's equipment and machinery), etc.
- Water levels, tidal information and weather reports, and source of information.
- Vessel traffic, planned traffic during transit, meeting, overtaking.
- In LPA region between Les Escoumins and Montreal, special attention should be given when meeting and/or overtaking, to ships with restrictions in accordance with Notice to mariners 27A.
- Ship's characteristics:
 - class of ship, hull design, deck equipment and machinery, bridge layout, navigational equipment, bridge visibility;
 - vessel's power-to-length ratio;
 - manoeuvring characteristics.
- History:
 - any previous problems.
- Equipment testing procedures.
- Vessel's passage plan.
- Course and speed.
- Ship's position.
- Notices to Shipping.
- Reviewing methods for checking accuracy and reliability of navigational equipment:
 - visual aids, binoculars, etc.;
 - electronic aids (radars, gyro compass, ECDIS and AIS).

Job Market

Hong Kong Marine Department

This is the Hong Kong Marine Department (HKMD). We intend to start a new round process of contract to engage experienced local consultants to perform Flag State Quality Control Audits (FSQCA) on board Hong Kong registered ships in Canada.

Hong Kong Shipping Register (HKSR) is administered by HKMD and currently the fourth largest shipping register (by tonnage) in the world with over 2,500 ships registered. We have implemented the Flag State Quality Control (FSQC) system to monitor and upkeep the quality of Hong Kong registered ships.

FSQCA will normally be carried out in day time at Hong Kong, Mainland of China, Singapore, Japan, Europe and America at where we have our appointed local surveyors stationed. Each FSQCA may normally be completed within 8 hours.

For more backgrounds of HKMD's FSQC System, you might refer to the followings:

HKMSIN No. 7/2020 - <https://www.mardep.gov.hk/en/msnote/pdf/msin2007.pdf>

Quality Assurance Systems - <https://www.mardep.gov.hk/en/faq/qas.html>

HKSR - <https://www.mardep.gov.hk/en/hksr/index.html>

If you are interested, please complete a 3-minute questionnaire as attached, to let us know more about your company ASAP. We are looking for a zoom meeting or telephone call with you later on after received your reply.



Job Description - Operations Manager - CMTR (466-22)

Operations Manager – CMTR (Job Number: 466-22)

Department: Centre for Marine Teaching and Research

Campus: Owen Sound

Posting Date: November 3, 2022

Salary Range: \$76,000 - \$95,000

Classification: Administrative

Status: Full-time

https://aa165.taleo.net/careers/section/gc_external_career_site/jobdetail.ftl?job=466-22&tz=GMT-05%3A00&tzname=America%2FNew_York

Located in Owen Sound and reporting to the Director, Centre for Marine Teaching and Research (CMTR), the incumbent is responsible for the delivery and administration of regulatory and certification training for the marine industry, as well as other corporate training partners. This includes management of resources and daily operations of the Marine Emergency Duties (MED) Centre, as well as oversight for all course delivery. The incumbent is responsible for implementation and adherence to the CMTR Quality Management system, assisting with fund raising initiatives and business development as well as establishing objectives and parameters for CMTR.

Applications for this position must be received by 11:59 p.m. on November 27, 2022. While we thank all applicants, only those contacted for an interview will be acknowledged.

Job Description – Captain

Updated: October 1st 2021

The Organization

Brigs is a charitable organization dedicated to building leadership, self-efficacy and self-esteem in youth 13-18. This is accomplished through the peer-to-peer delivery of challenging programs aboard our traditionally-rigged vessel, with a focus on safety and the creation of positive and memorable experiences on board. Brigs also endeavours to foster learning and the development of practical skills, the adoption of environmentally sustainable practices, and an appreciation of the rich marine heritage of the Great Lakes.

<https://www.brigs.ca/careers>

Brigs are looking for 2 new captains for the brigantines Pathfinder and Playfair for the 2023 navigation Season. Pay is \$45,000k.

Enclosed is the Job Description for posting.

Please read the job descriptions in full. Any questions or clarifications contact [hiring@brigs.ca](mailto: hiring@brigs.ca).

Applications are made to [hiring@brigs.ca](mailto: hiring@brigs.ca) before the above deadline and must include:

1. Cover Letter

2. Resume

Master 150GT, Domestic

- Master 150 GT, Domestic
- Start Date: April 2023
- End Date: October 2023

APPRENTICE MARINE PILOTS



Administration de pilotage
des Grands Lacs

- **Competition number CO-202201 – Cornwall District (waters of the St. Lawrence River and lakes between St. Lambert Lock, St-Lambert, QC and Snell Lock, Massena, N.Y.).**
- **Competition number LO-202201 – Lake Ontario District (waters and the ports of Lake Ontario and the navigable waters within the limits of the Port of Churchill, Manitoba).**
- **Competition number D2-202201 – International District no. 2 (waters of the Welland Canal between Port Weller and Port Colborne, Ontario, Lake Erie and the waters of the connecting channels between Lake Erie and Lake Huron).**
- **Competition number D3-202201 – International District no. 3 (waters of Lake Huron north of latitude 43° 05.5' N and the waters of Lakes Michigan and Superior, including St. Mary's River and Georgian Bay).**

HOW TO APPLY Interested individuals should send their application indicating the competition number(s), along with a resume specifying their qualifications and experience, and the supporting documentation for items 1 to 6 above to: Director of Human Resources Great Lakes Pilotage Authority P.O. Box 95 202 Pitt Street Cornwall, Ontario K6H 5R9 Or by email to: humanresources@glpa-apgl.com

Applications must be received no later than November 25th, 2022