Welcome to your digital edition.

Your digital edition has interactive features to enhance your experience.

Look for yellow highlights for links.

Search, print, email selections or share on social networking sites.

Watch videos! See pages 19 and 29.

Thank you for visiting.

TIPS FOR USING YOUR DIGITAL EDITION

FOR YOUR DESKTOP:

• Turn the page by clicking the left and right arrows on the side of the page.
• Click the arrows or enter a page number at the bottom of the page to move immediately to the selected page.
• Zoom in on the page by clicking on it. Zoom in more by using the mouse’s scroll wheel. Move around the page by moving the mouse. Click once to exit zoom mode.
• Yellow links connect to other areas of the magazine or to websites that open in a new window.

FOR YOUR MOBILE DEVICE:

• Turn the page with swipe right or left gestures.
• Pinch in or out or double-tap to zoom.
• Tap yellow links to go to other areas of the magazine or to websites.
PORTS of INDIANA
BURNS HARBOR

Access the heart of the Midwest through an unmatched network of multimodal connections

2020 RECORD
most project cargo shipments handled in our 50-year history

$30 MILLION
infrastructure expansion to increase rail, truck, barge, laker and ocean capacities

85 ACRES
available at an international hub serving the largest Midwest market and the top steelmaking and manufacturing state

portsofindiana.com/burnsharbor
AMERICAN MARITIME OFFICERS

AMO is a national labor union representing U.S. merchant marine officers aboard U.S.-flagged commercial, government and military sealift vessels operating on the world’s oceans, the Great Lakes, and U.S. inland waterways. With an exceptional membership served by the premier U.S. maritime training center, AMO is the leading source for U.S. Coast Guard licensed officers — all departments, all trades.


www.amo-union.org
As managers and operators of the St. Lawrence Seaway locks, the Canadian St. Lawrence Seaway Management Corporation (SLSMC) and the U.S. Great Lakes St. Lawrence Seaway Development Corporation (GLS) are pleased to present the 2021 Great Lakes St. Lawrence Seaway System Directory, published by Harbor House Publishers.

The directory details all facets of the System, including Seaway operations, commodities, ports and service providers. Harbor House Publishers has provided a comprehensive directory of contacts to serve as a practical guide for both current and prospective partners. The digital edition is searchable and provides links directly to partner websites.

The Great Lakes St. Lawrence Seaway System continues to enable carriers to offer a highly competitive and environmentally sustainable means of moving cargoes to and from North America. With billions of dollars in capital spending committed by companies and governments, there can be little doubt that key stakeholders have a strong degree of engagement in the future of the System.

If you have questions, ideas or need a referral to find the right System partner, please feel free to contact our market development offices.
GREAT LAKES REGION ECONOMIC IMPACT

$6 trillion ANNUAL ECONOMIC OUTPUT
51 million JOBS
30% U.S./CANADIAN WORKFORCE
30% COMBINED CANADIAN-U.S. ECONOMIC ACTIVITY
3rd largest ECONOMY IN THE WORLD, IF IT WERE A COUNTRY (behind U.S. and China)

ABOUT THE LAKES

LAKE SUPERIOR
is the largest and deepest of the five Great Lakes. It straddles the U.S.-Canada border, touching Minnesota, Wisconsin and Michigan.

Length 563 km
Width 257 km
Average Depth 147 m
Maximum Depth 406 m
Shoreline 4,796 km
Volume 12,088 km³
Watershed Population 0.5 million

LAKE MICHIGAN
lies entirely within the U.S. borders, connecting carriers with major ports and steel plants in Indiana, Michigan and Illinois.

Length 494 km
Width 190 km
Average Depth 85 m
Maximum Depth 282 m
Shoreline 2,670 km
Volume 4,918 km³
Population 8.5 million

LAKE HURON
connects to four other Great Lakes and provides direct access to Michigan and Ontario ports and markets.

Length 332 km
Width 295 km
Average Depth 59 m
Maximum Depth 229 m
Shoreline 6,159 km
Volume 3,543 km³
Watershed Population 2.7 million

LAKE ERIE
borders Michigan, Ohio, Pennsylvania and New York. It is the shallowest of the Great Lakes with an average depth of 62 feet.

Length 388 km
Width 92 km
Average Depth 19 m
Maximum Depth 64 m
Shoreline 1,402 km
Volume 484 km³
Watershed Population 12 million

LAKE ONTARIO
is the first to be reached when entering North America via the St. Lawrence River. While the smallest of the Lakes, its waters run deep and connect New York and Ontario.

Length 311 km
Width 85 km
Average Depth 86 m
Maximum Depth 244 m
Shoreline 1,168 km
Volume 1,628 km³
Watershed Population 8 million
**Hwy H₂O: The System**

**GLOBAL CONNECTIONS**

Great Lakes Seaway continues delivering essential cargo during pandemic

“Essential” has greater meaning since the Covid-19 pandemic initiated stay-at-home orders and interruptions in food, goods and services. Lack was experienced in countries unfamiliar with it—and the Great Lakes St. Lawrence Seaway System helped meet growing global needs.

The global value of the System grew exponentially in 2020.

- Ships kept sailing.
- Crews kept working.
- Essential goods kept moving.

**REACHING INLAND**

Also known as Hwy H₂O, the Great Lakes Seaway is a 3,700-kilometer waterway consisting of the St. Lawrence River, St. Lawrence Seaway, five Great Lakes and the connecting deep-draft channels. Ports as far inland as Chicago, Illinois, Duluth, Minnesota and Thunder Bay, Ontario are accessible by passing through 15 locks. The binational thoroughfare is ideal for moving raw materials, large and heavy components, liquid bulk and more—allowing for the standard 8.23-meter draft.

There’s a powerful mix of regional and international trade.

Even during the pandemic, records were set. Ships were built and commissioned. Infrastructure improvements were made. And as the world moves forward, the System...
which reaches into the heartland of North America is ready to increase trade. Hwy H2O connects international shippers with 110 ports in Canada and the United States. Skilled stevedores, warehouse employees, freight forwarders, dock and crane workers, vessel agents and more are on hand to unload and load all kinds of cargo. They are experts in using modern methods and equipment to swiftly connect ships with the trains and trucks that partner in final-mile delivery.

VALUABLE PARTNERSHIPS
The waterway is managed by the U.S. Great Lakes St. Lawrence Seaway Development Corporation (GLS) and the Canadian St. Lawrence Seaway Management Corporation (SLSMC), which work together to operate the locks, manage vessel traffic control, improve operational and environmental initiatives, and encourage trade development. It flows through North America’s highly populated heartland, which—if it were a country—would rank as the fourth largest economy in the world, behind the U.S., China and Japan. Wages and salaries alone are valued at U.S. $14 billion annually.

With a consistent reliability rate exceeding 99%, Hwy H2O provides shippers with many benefits. And the staff at the Seaway agencies partner with shippers and carriers to find optimal routes and timelines for global connections.

TO explore more, see the directory of System partners beginning on page 49.

FOR sailing times between international hubs and System ports, see page 16.

FOR an intermodal map of final-mile delivery options, see page 22.
FOLLOW THE WATERWAY

St. Lawrence River runs northeast from Lake Ontario and flows into the Gulf of St. Lawrence, which connects to the Atlantic Ocean. It borders Ontario, Quebec and New York state.

Lake Erie border Ontario, Michigan, Ohio, Pennsylvania and New York. It is the shallowest of the Great Lakes.

Lake Huron connects to four other Great Lakes and provides direct access to Michigan and Ontario markets.

Lake Michigan connects carriers with major ports and steel plants in Indiana, Michigan, Wisconsin and Illinois.

Lake Ontario is the first to be reached when entering North America via the St. Lawrence River. It connects New York and Ontario.

Lake Superior is the largest and deepest of the Great Lakes. It straddles the U.S.-Canada border, including Minnesota, Wisconsin, Michigan and Ontario.
Sail to the LAST MILE

Reach the heart of North America with Duluth Cargo Connect.

- Congestion-free multimodal cargo hub
- Best connections to America’s Heartland

The Port of Duluth-Superior
North America’s furthest-inland seaport

Duluth Cargo Connect
(218) 727-6646
DuluthCargo.com
Hwy H₂O: The Locks

Efficient Ship Assists

Locks enable ships to sail far into the waterway

Construction of a series of locks opened North America’s heartland to the world. The binational System has 15 locks—13 Canadian and two U.S. They use the law of gravity to raise ships 168 meters from sea level to Lake Erie and to drop 6.4 meters from Lake Huron and Lakes Superior.

Vessels traversing the Seaway locks reach 225 meters long with a beam of 23.8 meters.

The Soo Locks are built to handle ships more than 304 meters long.

**SEAWAY LOCKS**

The St. Lawrence Seaway locks are divided into two sections. The Montreal-Lake Ontario section includes two U.S. locks and five Canadian locks. The Welland Canal—connecting Lake Ontario with Lake Erie—consists of eight Canadian locks.

Each lock is 223.5 meters long, 24.4 meters wide and 9.1 meters deep. A lock fills with about 91 million liters of water in just seven to 10 minutes, expediting each transit to about 45 minutes.

Automation provides efficient passage. From remote operations to guiding and securing ships, technology improves efficiency and safety. The Seaway locks typically clear about 40 million metric tons of cargo a year—and there's capacity for more.

**GREAT LAKES LOCKS**

In the Upper Lakes, the Soo Locks offer transit through the St. Marys River for the System’s largest ships. Side by side, the Poe and MacArthur locks connect Lake Huron to Lake Superior. The locks are operated by the U.S. Army Corps of Engineers, which is building a new lock to create redundancy for the largest lock.

The second Poe-sized lock will also handle vessels with a beam of 32 meters and length of nearly 309 meters. About 75 million metric tons of commercial commodities pass through the Soo Locks annually, which directly borders Canada.

As a binational System, the locks are the focus of ongoing modernization. Nearly $1 billion has been recently invested in projects to maintain a 99% reliability rate.
BEGINNING in Montreal and extending west, the Seaway System’s 15 locks (13 Canadian and 2 U.S.) enable ships to climb 168 meters from “sea level” up to Lake Erie. A lockage requires about 30 minutes from start to finish.

MAXIMUM SHIP DIMENSIONS

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Measurement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Beam</td>
<td>23.77 meters</td>
</tr>
<tr>
<td>Air Draft</td>
<td>35.5 meters</td>
</tr>
<tr>
<td>Draft</td>
<td>8.08 meters</td>
</tr>
<tr>
<td>Length</td>
<td>225.5 meters</td>
</tr>
<tr>
<td>Capacity</td>
<td>30,000 metric tons</td>
</tr>
</tbody>
</table>

HOW THE LOCKS WORK

BEGINNING in Montreal and extending west, the Seaway System’s 15 locks (13 Canadian and 2 U.S.) enable ships to climb 168 meters from “sea level” up to Lake Erie. A lockage requires about 30 minutes from start to finish.
THE Soo Locks transits 100% of the iron ore mined for regional steel mills and is one of the busiest locks in the United States.
BIG SHIPS AND BROAD DECKS

Great Lakes Seaway System moves oversized, heavy and bulk cargoes
Manufacturing cars and feeding the world takes a lot of raw materials. And the Great Lakes Seaway System specializes in moving big, heavy and bulky cargo—providing niche expertise.

More than 90 percent of the cargo moving through the Seaway is bulk. Shippers benefit from Hwy H2O’s 110 ports and commercial docks in eight Great Lakes states and the provinces of Ontario and Quebec—connecting North America to more than 59 overseas markets.

In addition to bulk cargoes, the Seaway also handles project cargoes, petroleum products, chemicals, edible oils, coal, salt, cement, fertilizers, ores, nonferrous metals, other bulk materials and containers. With capacity available, fleets are seeking new contracts and ports are investing in equipment and infrastructure.

Between the varied vessel types and commodities, about 381 million metric tons of cargo moves through the waterway domestically each year.
WAYS TO TRADE
Cargo moving in the Seaway System involves three general trade communities: domestic trade contained within the Great Lakes, cargo transiting the System and Great Lakes from Eastern Canada, and traffic moving on the Seaway as overseas import/export trade by ocean-going vessels.

International shippers such as BBC, Fednav, Polsteam, Spliethoff, Canfornav and Wagenborg regularly traverse the System. International tonnage represents an annual average of about 20 percent of the Seaway’s cargo.

With continued growth in mind, multiple international shippers are building new Seaway-sized vessels. Domestic fleets, which come into play when transloading cargo, are also involved in fleet renewal. Some are adding River Class vessels to deliver to docks in shallower ports, helping ships get closer to final delivery.

Shippers, carriers and logistics experts build on existing trade patterns to maximize the value of each shipload. The proven patterns include:

• Upbound (westward) movements of general cargo, including semi-finished steel in the form of slabs, coils, beams and other products from overseas producers
• Upbound movement of iron ore from mines in eastern Canada
• Downbound (eastward) shipments of export grain by Canadian bulkers to transshipment points on the lower St. Lawrence and by ocean vessels for direct export overseas

The combined use of bulkers, self-unloaders, heavy-lift cranes, locks automation, new and repowered ships and system-wide technology like a draft information system, hands-free mooring and ballast water treatment systems keep Hwy H2O ahead of the transportation curve.

Research is underway to integrate a vessel management system to further streamline efficiencies.

Without interruption to highway service or the need for custom railcars, big cargo—such as transformers and wind turbine components—are moved with specialized cranes. Containers of raw and finished goods move on tweendeckers, topping off layered loads. Ocean-going vessels primarily import finished steel products, project cargo and export grain.

FOR details on scheduled services, go to hwyh2o.com/shipping-centre/scheduled-services/.
Desgagnés, A vision for innovation

Desgagnés has specialized in the marine transportation of liquid bulk, general cargo, solid bulk, and passengers since the 19th century. Its activities also extend to ship repair as well as the rental and operation of heavy machinery. Its fleet has some 20 vessels that crisscross the Great Lakes St. Lawrence Seaway System, the Canadian Arctic, the east coasts of Canada and the United States, and all the seas of the world.

Info@desgagnes.com  |  desgagnes.com  |  418 692 1000

THE BULK BUSINESS

A breakdown of the System’s primary bulk commodities

GRAIN

Agriculture makes up about 40% of Seaway trade

Modern grain handling facilities are helping meet a global demand for this critical commodity. Companies like G3, Richardson International and Parrish & Heimbecker load wheat, feed peas, oats, corn, barley, flaxseed and soybeans for export at record levels—more than 13.3 million metric tons in 2020.

Automation is speeding up deliveries, loading and quality assurance at U.S. and Canadian ports. The annual grain haul continues to grow.

Most Seaway-bound grain comes from the prairie states and provinces, moving east to load at the head of the Lakes, either at Duluth-Superior in the U.S. or Thunder Bay in Canada. Other major grain loading elevators are in Toledo, Ohio; Milwaukee, Wisconsin; and Hamilton and Goderich, Ontario.

Grain is exported by direct shipment overseas on saltries or by transshipment using a combination of Canadian-flag bulk carriers and ocean-going ships. This highly efficient transshipment involves facilities at Montreal, Quebec, Three Rivers, Baie Comeau and Port Cartier.
DRY BULK
Automated loading-unloading expedites shipments

Ports and cargo-handlers throughout the Seaway System specialize in moving dry bulk. Self-unloading ships and new cargo-handling equipment offer efficiencies for various unpackaged, small solids. The stone/gravel, sand, salt, cement, potash and gypsum are used to build homes and offices, pave roads, treat winter roads, fertilize farm fields and more.

In 2020, 10.5 million metric tons of dry bulk was moved through the System—even during the pandemic. Combining the Seaway totals with interlake movements, Hwy H2O moves more than 34 million metric tons annually.

New and refitted River Class vessels help deliver these products to smaller, shallower ports—bringing the products closer to end-users. New Seaway-size bulkers and terminals with advanced and enclosed conveyor systems are also key connectors.

GENERAL CARGO
Big ships easily move oversized and heavy cargo

Oversized and awkward? Not for the System’s big ships and barges. They adapt to move big, bulky, heavy and containerized cargoes—like power transformers, prefabricated hotel sections, wind energy components and massive mining equipment. The big cargo tops more than 2.2 million metric tons annually.

An example of general cargo—also called breakbulk—are wind turbine components. Based on their sheer size, ships and ports are optimal for their movement. Shippers benefit from the use of cranes, large laydown areas and the ease of moving the components away from urban thoroughfares.

Other examples of general cargo include iron and steel slabs, machinery, transformers, coils, plates, as well as gas and electric turbines. Ships were built for these oversized items and specially trained dock workers are well versed at moving them. They must be loaded individually with cranes and safety lines.

The System’s ships are large enough to move multiple components and can sometimes move bulk and breakbulk at the same time.
IRON ORE
Equipping mills for steel production

North America’s iron ore becomes steel to make toasters, microwaves, automobiles and more. In the form of taconite pellets, the ore moves primarily from the Iron Range of Minnesota downbound to major steelmaking centers in Northwest Indiana, Detroit, Cleveland, Chicago and Hamilton. It also comes from Labrador in eastern Canada upbound to those same markets. The System handles about 80% of the iron ore used in the U.S. steel industry and supports the activities of more than 60 steelmakers in Ontario.

Interlake movement averages about 46 million metric tons annually, much of which occurs on the Great Lakes. Major steel-handling ports include Burns Harbor, Cleveland, Chicago, Milwaukee, Toledo and Detroit in the U.S. and Hamilton, Toronto, Windsor and Oshawa in Canada.

Seaway-bound steel, including slabs, coils, rods, billets and structural steel—among other products—originates in The Netherlands, Belgium, Italy, Ukraine, Germany, Spain and Brazil.

Cleveland Cliffs’ new hot briquetted iron (HBI) plant in Toledo, Ohio is helping meet the increasing demand of electric arc furnace steel producers. With a limited availability of HBI globally, the U.S. plant could also help fuel furnaces in countries like Brazil, Russia, Ukraine and Venezuela, where pig iron and HBI are imported.
LIQUID BULK
Double hulls serve as tried-and-true solution to pipelines

The Seaway System is well equipped to move liquid bulk to domestic and international markets. Experienced crews aboard specially designed ships have decades of experience following a comprehensive framework of binational safety regulations—with a record of success.

Liquid bulk products include refined petroleum products like gasoline, diesel, kerosene and jet fuel, as well as alternate fuels like ethanol and biodiesel. An example of how waterborne commerce serves as a critical link is found in Green Bay, Wisconsin, where an unexpected pipeline closure left the region desperately in need of fuel. Ships delivered that fuel for regional distribution.

Combining the safety record and the fact that marine shipping is the least disruptive to the general public, more liquid bulk is looking at returning to waterborne transportation. And with pipelines at risk of closure, the shift could soon occur.

COAL
Powering plants, producing steel

With technology like exhaust scrubbers in use, coal continues to move within the Great Lakes and as an overseas export. Ships move both thermal coal for generating electrical power and metallurgical coal for steelmaking.

Many of the shipments in recent years involve the movement of western coal to power generating stations on the Great Lakes. This coal is mined in the Powder River Basin of Wyoming and Montana, transported on unit trains to loading docks on Lake Superior and Lake Michigan and delivered by Great Lakes bulk carriers to power plants throughout the Lakes and overseas that use the low-sulphur product to help meet emission requirements.

CARGO
Annual cargo equates to:

- 231 million METRIC TONS
- $77.4 billion VALUE
- 329,000 JOBS
- $45.6 billion IN ECONOMIC ACTIVITY
FOR individual service, contact a business development expert:

**Bruce Hodgson**, Director, Market Development
The St. Lawrence Seaway Management Corporation
+1-905-641-1932
bhodgson@seaway.ca

**Peter Hirthe**, International Trade Specialist
Great Lakes Regional Representative
Great Lakes St. Lawrence Seaway Development Corporation
U.S. Department of Transportation
+1-414-551-3161
peter.hirthe@dot.gov

**Fast Fact**
HWY H₂O brochures are available in English, French and Mandarin at [www.hwyh2o.com/about-hwy-h2o](http://www.hwyh2o.com/about-hwy-h2o).
Great Lakes Seaway marine shipping saves cargo shippers $3.6 billion in transportation costs every year. Some of these savings come in the form of incentive programs offered by the St. Lawrence Seaway Management Corporation and benefit new customers, new cargoes and changing trade routes.

**Breaking it Down**

The Gateway Incentive Program offers shippers a percentage reduction negotiated on applicable cargo tolls for shipments of a specific commodity diverted to the Seaway from a competing gateway.

The Service Incentive Program offers a 20% rebate on applicable cargo for carriers that implement new service. The program assists carriers in developing and implementing a liner or semi-liner service between Great Lakes ports and global markets.

The New Business Incentive Program offers a 20% discount on cargo tolls over three years for commodity/origin/destination combinations approved as new business.

The Volume Rebate Incentive Program offers a 10% reduction on cargo tolls applicable to incremental volumes meeting a set of criteria.

**Digital Tools**

THE Hwy H2O website offers a Shipping Centre, which includes:

- Route calculator
- Toll calculator
- Toll incentives
- Scheduled services
- Tonnage statistics
- Water levels

To access the information, go to hwyh2o.com/shipping-centre/toll-incentives/.

Next Step

TO explore these options, go to www.hwyh2o.com/shipping-centre/toll-incentives/.
THE PREMIER PORT ON THE GREAT LAKES
Ship Directly to America’s Heartland
with the Cleveland-Europe Express

ANY TYPE DRY CARGO BULK COMMODITY
GREAT LAKES BULK SELF-UNLOADING
IRON ORE | STONE | COAL

906-786-1717 | PO Box 497 | vtbarge@vtbarge.com
fax: 440-455-9582 | Escanaba, MI 49829 | vtbarge.com
Through new technologies, best practices and economies of scale—from both cost and environmental perspectives—more shippers are choosing to move freight closer to final destinations, the savings add up. Reduced fuel use minimizes the environmental impact, making water transport more attractive as companies seek carbon-neutral options. Moving cargo by water results in less traffic congestion, reduced highway infrastructure costs, a better quality of life, improved workplace safety, as well as less noise and pollution.

Ports and terminals are using technology and modernized infrastructure to improve loading and unloading processes. They are investing in automated handling equipment, new cranes and improved dockwalls. Rail lines are being fortified and extended to more docks. Marshalling yards are being established for trucks to improve traffic flow.

About $1 billion has been invested by the Seaway entities to clear the way for safe and efficient sailing. And the regional marine industry has invested more than $2 billion in building new and upgrading its Seaway-sized ships in recent years.
Michael Liddane is a maritime attorney who regularly defends cases involving Jones Act personal injury claims, property damage, collision, allision, cargo loss, environmental damages, passenger injury, Limitation Act matters, marina liabilities and salvage claims.

FOR LEGAL ASSISTANCE, CONTACT:

Michael J. Liddane  
P: 248.539.9910  
E: mliddane@fosterswift.com

BIG DATA BENEFITS
A System-wide vessel traffic flow management system is in the works. Technology is being developed to harness the benefits of big data to further improve efficiencies, safety and environmental outcomes.

Hwy H2O’s managing entities, the U.S. Great Lakes St. Lawrence Seaway Development Corporation (GLS) and Canadian St. Lawrence Seaway Management Corporation (SLSMC), are working with the Volpe National Transportation Systems Center to develop the technology.

With the introduction of onboard systems like the Automatic Identification System and Draft Information System, the traffic management flow technology will revolutionize the use of Hwy H2O. The big data system will use predictive technology to advance the way ships are scheduled.

Combining digital information from multiple sources will streamline arrivals at locks and ports. It will provide information to vessels on optimum speeds, saving fuel and costs. The increased adoption of best practices will align with similar systems being used at other international ports.

FOR information on how System stakeholders focus on continual environmental improvements, go to www.green-marine.org/certification/scope-and-criteria.
HANDS-FREE MOORING
Upgrades to the St. Lawrence Seaway locks range from new approach walls to remote lock operation to automated vessel handing equipment. Hands-free mooring (HFM) technology uses vacuum pads and vertical rails in the locks to secure ships.

The pads provide up to 20 tons of holding force as they rise or fall with the ships and the changing water level. The technology keeps the vessel at a fixed distance from the lock wall while raising or lowering with the water level. When the ship is ready to leave the lock, the vacuum pads release and the arms retract.

The technology is used System-wide and is being built into the new Soo Lock at Sault Ste. Marie, Michigan. It eliminates the cost and time of adding special fittings for passage and opens the Seaway to 10 times more Seaway-size and handy-size ships than traditional methods. The influx of possibilities is significant, making it even more attractive for shipowners to compare freight rates.

The technology also:
• Allows commercial users to reduce crew sizes
• Increases safety for crew and Seaway personnel by eliminating line-handling and the potential for mooring wires to snap, creating a whipping effect
• Decreases lockage times by seven minutes per lock, which could add up to three to four hours for ships navigating Hwy H2O

There’s no limit to the innovations that can be made as the two nations and countless private and public stakeholders work together.

SHIPS HAVE...

THE SMALLEST CARBON FOOTPRINT
CO₂ grams per metric ton/km

<table>
<thead>
<tr>
<th></th>
<th>SHIPS</th>
<th>RAIL</th>
<th>TRUCKS</th>
</tr>
</thead>
<tbody>
<tr>
<td>11.9</td>
<td>14.2</td>
<td>75.5</td>
<td></td>
</tr>
</tbody>
</table>

THE BEST FUEL ECONOMY
Distance (km) 1 metric ton of cargo travels on 1 liter of fuel

<table>
<thead>
<tr>
<th></th>
<th>SHIPS</th>
<th>RAIL</th>
<th>TRUCKS</th>
</tr>
</thead>
<tbody>
<tr>
<td>243</td>
<td>213</td>
<td>35</td>
<td></td>
</tr>
</tbody>
</table>

CARGO VOLUME

Hands-free mooring technology is used throughout the Great Lakes Seaway System.
Ports are the off ramps for Hwy H2O. Whether small or large, U.S. or Canadian, they connect cargo with the land-based mode of transportation moving it to final destinations.

• Railcars load dockside.
• Interstates are connected port roadways.

Commodities flow seamlessly from ship to rail and truck and from rail and truck to ship. It’s no coincidence that the major rail and highway hubs of the region—Chicago, Cleveland, Duluth, Burns Harbor, Toronto, Thunder Bay, Hamilton, Montreal, Detroit and Toledo—are linked to major Great Lakes Seaway ports.

The eight Great Lakes states and two Canadian provinces are home to half of North America’s manufacturing and service industries. More than 110 ports form links in the intermodal transportation network. They connect about 231 million metric tons of raw materials and finished products annually with the customers who transform them into everyday products, such as automobiles, washing machines, electricity and a variety of foods.
National freight transportation plans and regional maritime strategies are being used to target funding for further advancements to North America's intermodal linkages.

**Fast Facts**

CONNECTED to the Great Lakes, St. Lawrence River and connecting waterways are:

- **32,187** kilometers of highways
- Nearly **70** intermodal terminals
- **80,468** kilometers of rail lines
- **15** major international marine ports
- **50** regional marine ports
- **12** of the top 50 North American airports

**SERVING THE GREAT FLEETS OF THE GREAT LAKES!**

**TOLEDO**  
**DETROIT**  
**CHICAGO**  
and all the ports between

**DELIVERY VIA**  
Barges – Trucks – Docks

**HIGHEST QUALITY MARPOL FUEL GRADES**  
Bunker C – Intermediates – MGO  
Low and ultra low sulfur fuels available

- Detroit River vessel fueling and supply facility  
  1600 feet – Seaway draft 27 feet LWD
- Toledo, Detroit, St. Clair River deliveries available  
  by barge and specialized tanker truck fleet  
- Serving Southern Lake Michigan traffic via tank  
  barge **Warner Provider** at Indiana Harbor and all ports via our specialized tanker truck fleet

**WARNER PETROLEUM CORPORATION**

www.warnerpetroleum.com  
ORDERS/TRAFFIC  
989-386-4350
SHARING

International passengers sail the binational waterway

TO PLAN excursions, contract one of these cruising experts.

Great Lakes Cruising Coalition
Great Lakes St. Lawrence Seaway Development Corporation
Rebecca Yackley (202) 366-5418

The Great Lakes Cruise Association
Stephen Burnett (613) 544-7857
Cruise passengers are coming from far and wide to explore the Great Lakes Seaway System. Although a longtime draw, the freshwater seas are gaining global attention as affluent travelers seek undiscovered destinations.

As a result, international cruise companies are building System-specific ships and expanding itineraries that often mix U.S. and Canadian excursions. The ships introduce passengers to the awe of loaded lakers, transiting the locks and discovering the lighthouses and ports that serve as the basis for the regional shipping industry.

About one-third of the cruise vessels being built today carry fewer than 400 passengers, perfect for the Seaway System. As cruising resumes, cabins are being booked years in advance.

Before the pandemic, in 2019, eight cruise ships sailed the System between mid-May and October. It is estimated that those ships conducted 95 voyages and carried as many as 13,790 passengers, making up to 1.3 million individual port visits.

Hwy H2O’s primary draw is its proximity to ports. Similar to cruising rivers in Europe, passengers enjoy frequent and varied shore excursions.

The cruise ship passengers—many European—spend hours at the rail beholding the beauty and the smooth movement of nearby cargo ships. The massive commercial ships, ranging from 640 to 1,000 feet, possess quiet power.

Owners of the smaller, luxury sailing vessels schedule interesting ventures through the maritime region from spring through the fall color season. In the winter, they move their excursions to warmer climates like the Caribbean and South America.

Fast Facts

NORTH AMERICAN FORECAST

<table>
<thead>
<tr>
<th></th>
<th>55.99%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Revenue</td>
<td></td>
</tr>
<tr>
<td>Expected Annual Increase</td>
<td>3-6%</td>
</tr>
<tr>
<td>2019 Revenue</td>
<td>$42.9 million</td>
</tr>
<tr>
<td>2024 Revenue</td>
<td>~$57.6 million</td>
</tr>
</tbody>
</table>

Source: Cruise-Global Market Status & Trend Report 2014-2024
Port of Monroe

Diverse. Unrelenting.

VISIT PORTOFMONROE.COM
BÉCANCOUR

Bécancour Industrial Park and Port Corporation
1000 Arthur-Sicard Boulevard
Bécancour, Quebec, Canada G9H 2Z8
(819) 294-6656 / port@spipb.com / www.spipb.com

The Port of Bécancour, Quebec is a freshwater port located on the south shore of the St. Lawrence River, halfway between Montreal and Quebec City. It operates year-round from the Bécancour Waterfront Industrial Park and can receive ships requiring a draft of 10.67 meters or 35 feet.

TERMINAL CAPACITY: 17-hectare (42-acre) area for handling and storage, including 7 hectares (17 acres) of paved and 10 hectares (25 acres) of unpaved, lighted outdoor space near the berths

EQUIPMENT: Five wharfs, two pneumatic ship-unloaders, ro-ro ramp, mobile crane, dockside rail spur

SERVICES: Tugs, pilotage, marine traffic regulating system, stevedoring, a marine agency, fuel, minor repairs, customs, environmental service and clean-up

CARGO: Variety

BELLEDUNE

Belledune Port Authority
112 Shannon Drive
Belledune, New Brunswick, Canada E8G 2W2
(506) 522-1200 / www.portofbelledune.ca

The Port of Belledune is a world-class, deepwater facility with year-round cargo-handling capacity with more than 1,600 acres of land ready for development. The marine terminals are located 5 kilometers from the Trans-Canada Highway System.

TERMINAL CAPACITY: Four terminals totaling 11,705 square meters/65,449 square feet of indoor storage space

DOCKS: 1,223 meters/3,631 feet of dock, including roll-on roll-off and barge berths

EQUIPMENT: Mobile conveyor belts and harbor cranes, lift truck, equipment for bulk and general cargo handling

SERVICES: NB Power, Glencore Canada Inc., Eastern Canada Stevedoring

CARGO: 2 million metric tons of bulk, breakbulk, liquid bulk, project cargo annually

Content as provided by the individual ports.
*LINER SERVICE EUROPE - GREAT LAKES*

- Quick transit time
- Through bills of lading
- Onward connections using Spliethoff’s European and American logistic network
- Line-supplied containers, project, heavy lift, steel, forest products and bulk
- Calling various Great Lake ports, including:
  - Valleyfield QC
  - Cleveland OH
  - Duluth MN
  - Ramey’s Bend ON
  - Chicago IL
  - Monroe MI

www.spliethoff.com or greatlakes@spliethoff.com

**CLEVELANDEUROPE EXPRESS OPERATED BY Spliethoff**

**FINCANTIERI**

Fincantieri Bay Shipbuilding celebrates more than 100 years of delivering rugged and reliable vessels. Our 63-acre facility is custom-built for efficient new construction as well as for major conversions and repair. Equipped with a large graving dock, a U.S. Navy-certified floating drydock, and lifting capacity to meet the most demanding requirement, Fincantieri Bay Shipbuilding is well-positioned to meet the critical needs of your fleet.

For more information contact Justin Slater, Director of Sales and Marketing, at 920.746.3373.

fincantieribayshipbuilding.com
BUFFALO
Gateway Metroport
1951 Hamburg Turnpike
Lackawanna, New York, USA 14218
(716) 826-7310 / pschreiber@nesl.com / www.nesl.com

The Port of Buffalo, New York is located on the eastern end of Lake Erie and is owned and operated by Gateway Metroport, which also offers an onsite industrial park. Primary intermodal connections include South Buffalo and G&W shortline railroads and immediate access to Route 5.

FOREIGN TRADE ZONE: 23
TERMINAL CAPACITY: 100 acres overall, with 15 acres paved, 15 acres stone, 40,000 square feet indoor
DOCKS: 4,000 linear feet, 27 feet deep
EQUIPMENT: Loading conveyors, loaders
SERVICES: 4,000 linear feet of dock space, 27 feet deep
CARGO: Salt, limestone, coal, heavy-lift

BURNS HARBOR
Ports of Indiana
6625 South Boundary Drive
Portage, Indiana, USA 46368
(219) 787-8636 / rmccoy@portsofindiana.com / www.portsofindiana.com

Ports of Indiana-Burns Harbor allows global shipping connections via the St. Lawrence Seaway connecting the Great Lakes to the Atlantic Ocean with year-round access to 20 states and Gulf of Mexico. Situated in the largest steel-producing region of North America, the port has access to land transportation with connections to all Class I railroads and six interstates.

FOREIGN TRADE ZONE: 152
TERMINAL CAPACITY: 90,000 square feet for indoor bulk cargo, 330,000 square feet for general cargo, 55 acres of outdoor lay-down space, 122 acres available for development
DOCKS: 9,000 linear feet
EQUIPMENT: Three cranes and three material handlers, forklifts from 8,000 to 92,000 pounds, fleet of payloaders
SERVICES: General stevedore Federal Marine Terminals, bulk stevedore Metro Ports
CARGO: 2.5 million metric tons annually, including large-dimensional and mega project cargo, steel, slag, limestone, grain, fertilizer, carbon products

CHICAGO
Illinois International Port District
3600 East 95th Street
Chicago, Illinois, USA 60617
(773) 646-4400 / ipid@iipd.com / www.iipd.com

The Port of Chicago, situated on approximately 1,800 acres, operates year-round with cargo coming to and from the Atlantic Ocean via the St. Lawrence Seaway, as well as coming to and from the Pacific Ocean and the Gulf of Mexico via the Mississippi and Illinois Rivers—making the port uniquely situated to service domestic and foreign needs.

FOREIGN TRADE ZONE: 22
TERMINAL CAPACITY: 63.8 million square feet of indoor capacity, 330 acres for outdoor storage
DOCKS: 27 feet depths
SERVICES: Every Class I rail carrier, two international airports, immediate access to five major interstate systems
CARGO: 4.1 million metric tons, including steel, lumber, petroleum, sugar, oil

CLEVELAND
Cleveland-Cuyahoga County Port Authority
1100 West 9th Street, #300
Cleveland, Ohio, USA 44113
(216) 241-8004 / www.portofcleveland.com

The Port of Cleveland is located on Lake Erie and is the only port on the Great Lakes handling regularly scheduled containerized cargo to/from Europe. The port services over 75 international vessels, including Fednav, Polsteam, Spliethoff and Wagenborg, and processes more than 350 domestic vessels annually.

In 2017, it began welcoming regular calls from passenger vessels.

FOREIGN TRADE ZONE: 40
TERMINAL CAPACITY: 325,000 square feet of indoor space, 75 acres for outdoor storage
DOCKS: Eight international berth lengths range from 650 to 780 linear feet, 27 feet deep
EQUIPMENT: Two Liebherr LHM 280 Mobile Harbor Cranes (80 MT capacity), one stationary heavy lift crane (140 MT capacity), two Hyster Reach Stackers, 35 tow motors with various lift capacity
SERVICES: Logistec USA for bulk and international general cargoes, LeHigh Hanson for cement, on-dock rail connections to both Norfolk Southern and CSX railroads, OmniTrax for on-dock rail switching, and direct connections from the port to major highways
CARGO: 13 million metric tons annually, including containers, various forms of steel, bulk, heavy machinery, capital equipment
HARNESS THE GLOBAL POWER OF A GREAT LAKES PORT.

Regional, national and international logistics count on Port Milwaukee for a turnkey approach to solve their transportation and supply chain needs. Strategically located in the industrial center of the U.S., Port Milwaukee provides premier access to domestic and world markets.

VISIT PORTMILWAUKEE.COM
PORT@MILWAUKEE.GOV
COLBORNE

City of Port Colborne
66 Charlotte Street
Port Colborne, Ontario, Canada L3K 3C8
(905) 835-2900 / www.portcolborne.ca

Located where the Welland Canal connects to Lake Erie, Port Colborne is a key logistics hub in southern Ontario with highway, rail and port infrastructure. Vessels traveling from the Atlantic Ocean through Lake Ontario and into Lakes Erie, Huron, Michigan and Superior and major markets of Detroit, Chicago, Milwaukee and Duluth pass through the city.

TERMINAL CAPACITY: Two grain elevators, flour and corn mills
DOCKS: Nine wharves along the Welland Canal; docking for cruise ships
SERVICES: Stevedoring for breakbulk, project cargo, storage and transloading, local ship servicing, repair and chandlering, tugboat, pilot boat and salvage, dockside rail, three international airports, major highways, year-round access
CARGO: Grain, agri-foods, gravel, sand, coke, gypsum

DULUTH-SUPERIOR

Duluth Seaway Port Authority
802 Garfield Avenue
Duluth, Minnesota, USA 55802
(218) 727-8525 / www.duluthport.com

Located at the westernmost tip of the Great Lakes, with direct access to four Class I railroads and connecting highways, this port anchors a fast, flexible multimodal freight network that extends across North America. The Port of Duluth-Superior handles some 32 million metric tons of cargo a year. Through Duluth Cargo Connect, the port’s general cargo terminal has earned a reputation for efficient, secure delivery of dimensional and heavy-lift cargoes.

FOREIGN TRADE ZONE: 51
TERMINAL CAPACITY: More than 430,000 square feet of indoor warehouse space, heated storage options, 19 square miles of land
DOCKS: Multiple berths with dock lengths between 800 and 1,600 feet, berths along Clure Public Marine Terminal and expansion areas dredged to Seaway depth, 40-plus acres of secure outdoor space for storage, staging and assembly
EQUIPMENT: Twin 80-ton, rail-mounted gantry cranes (120 MT tandem-lift capacity), 300-ton crawler crane, two reach stackers, additional mobile units
SERVICES: Naturally protected harbor, Duluth Airpark, four Class I railroads: BNSF, CN, CP and UP, major roadways, including I-35 and I-535
CARGO: Iron ore, coal, grain, limestone, salt, cement, breakbulk, packaged freight and project cargoes including machinery, steel, forest products, heavy-lift equipment, wind turbine components and other energy-related components

DETROIT

Detroit/Wayne County Port Authority
130 East Atwater Street
Detroit, Michigan, USA 48226
(313) 259-5091 / www.portdetroit.com

The Port of Detroit services southeast Michigan’s busy manufacturing sector, which is heavily dominated by the automotive industry. The port handles high volumes of steel in the form of coils, slabs and machinery, steel plates, bars, wire rod, aluminum saws and ingots. The port services the steel, petroleum, manufacturing (automotive and non-automotive), construction and utilities industries.

FOREIGN TRADE ZONE: 70
General Purpose Foreign Trade Zone (Nicholson Terminal-Detroit, Nicholson Terminal-Ecorse) defers duties until consumption or IE bond shipments from the FTZ for immediate export
TERMINAL CAPACITY: Michigan Marine Terminal at River Rouge is the port’s largest liquid bulk storage facility with a 32-million-gallon storage capacity; several other liquid bulk storage facilities in the area
SERVICES: Nicholson Terminal & Dock Co.
CARGO: Iron ore, coal, stone, cement

ERIE

Erie-Western Pennsylvania Port Authority
1 Holland Street
Erie, Pennsylvania, USA 16507
(814) 455-7557 / bsandberg@porterie.org / www.porterie.org

The Port of Erie is located on the southeast shore of Lake Erie in a natural bay sheltered by Presque Isle. Administered by the Erie-Western Pennsylvania Port Authority, the port serves a binational, industrially oriented market of about 85 million people within a 500-mile radius.

FOREIGN TRADE ZONE: 247
Services the port, airport and three other regional locations
TERMINAL CAPACITY: 100,000 square feet of indoor storage, 15 acres outdoor storage, 30 acres of land
DOCKS: 1,100- and 1,400-foot docks, 28 feet deep
EQUIPMENT: 200-ton mobile, 300-ton stiffleg cranes and all related handling equipment
SERVICES: CSX and NS (via CSX) railroads, I90 and I79 access, Donjon Shipbuilding & Repair, LLC covers 44 acres, has 200,000 square feet in three buildings, six berthing docks, 1,200-foot graving dock
CARGO: 850,000 metric tons annually, heavy-lift specialty cargo, bulk commodities
The Largest & Most Experienced Vessel Agency in the Great Lakes

- Serving 18 U.S. Ports & 14 Canadian Ports
- Vessel Agency Operations
- APIS/AMS/ACI/ENOA/D Experts
- Grain Forwarding
- Project Logistics
- Great Lakes Cruising

To learn more, visit https://bit.ly/WSI60Years

worldshipping.com  440.356.7676  wsivsl@worldshipping.com
GODERICH

Goderich Port Management Corporation
245 North Harbour Road
Goderich, Ontario, Canada N7A 3Z2
(519) 524-3234 / www.goderichport.ca

The Port of Goderich is the only deepwater port on the east shore of Lake Huron. Servicing regional mining, manufacturing and agricultural industries, the port is an important hub of commercial shipping in southwestern Ontario.

DOCKS: Expansion completed in 2018

SERVICES: Approximately 250 ships dock at the port annually; Canadian Coast Guard, commercial fishing operations

CARGO: Salt, grain, calcium chloride

GREEN BAY

Brown County Port & Resource Recovery Department
2561 South Broadway
Green Bay, Wisconsin, USA 54304
(920) 492-4950 / www.portofgreenbay.com

The Port of Green Bay is the westernmost port on Lake Michigan. Green Bay provides modern, state-of-the-art facilities promoting economical cargo handling and safe navigation.

FOREIGN TRADE ZONE: 167

SERVICES: Nationally known trucking lines provide overnight delivery within a 400-mile radius, major railroads and highways connect the port with America’s heartland

CARGO: 2 million metric tons annually, including coal, cement, limestone, salt, tallow, petroleum products, chemicals and liquid asphalt, machinery, bagged agricultural commodities, wood pulp, forest products

HAMILTON-OSHAWA

Hamilton-Oshawa Port Authority (HOPA Ports)
605 James Street North, 6th Floor
Hamilton, Ontario, Canada L8L 1K1
(800) 263-2131 / www.hopaports.ca

The Port of Hamilton is the largest Canadian port on the Great Lakes, located within a day’s drive of 100 million North American consumers. With numerous Seaway-depth berths, shippers through the Port of Hamilton have access to shipping destinations in the Great Lakes and around the globe.

TERMINAL CAPACITY: 630 acres total, 2.5 million square feet indoor storage, 100 acres outdoor storage

DOCKS: Seaway depth, 8,407 meters (27,582 linear feet) of dockwall

EQUIPMENT: 110 metric ton single shore crane lift, 200-plus metric ton tandem shore crane lift, large forklift and reach stacker fleet, ro-ro ramp and truck scales

SERVICES: Two Class 1 North American railways (CN, CP); Highway 403, QEW access; 45 minutes to the U.S. border; two stevedores

CARGO: 9 to 10 million metric tons annually, including asphalt, biofuels, bitumen, breakbulk, cement, coal and coke, containers, dry and liquid fertilizer, edible oils, grain, gypsum, iron ore, petroleum, potash, pulses and beans, rum, salt, sand and gravel, scrap metal, seed oils, sugar

JOHNSTOWN

Port of Johnstown
3035 County Road 2
Johnstown, Ontario, Canada KOE 1T1
(613) 925-4228 / rdalley@portofjohnstown.com / www.portofjohnstown.com

The Port of Johnstown is strategically located on the Great Lakes St. Lawrence Seaway System, 100 kilometers south of Ottawa, 330 kilometers east of Toronto and 208 kilometers west of Montreal. Each year, the port has an estimated economic impact of approximately C$11 million to the region and Canada.

TERMINAL CAPACITY: 35 hectares, 17 of which are occupied by commercial port and grain activities; a total of 117 hectares of port-administered marine lot area abuts the port land; an additional 10 hectares of inland property under port administration is a complement to adjacent industrial park development

SERVICES: At the junction of two major Ontario highways, 401 and 416 (Veterans’ Memorial Highway); on the Toronto-Montreal railway corridor; nearby international bridge allows convenient access to New York state
MILWAUKEE

Port Milwaukee
2323 S. Lincoln Memorial Drive
Milwaukee, Wisconsin, USA 53207
(414) 286-3511 / port@milwaukee.gov / www.portmilwaukee.com

Port Milwaukee is located on the western shore of Lake Michigan. Via the St. Lawrence Seaway, it is a destination port for vessels delivering raw materials and equipment to support manufacturing, as well as an international port of origin exporting heavy equipment and Wisconsin-grown agriculture. Within the Great Lakes system, it is a bulk and liquid bulk handling port. Port Milwaukee is the Grantee for Foreign Trade Zone No. 41 in southeastern Wisconsin and has multiple cruise dock berths available for both transit and turnaround calls.

FOREIGN TRADE ZONE: 41
Approval as an FTZ provides benefits to businesses with respect to U.S. Customs duties and reporting, enhancing competitiveness in the global marketplace and optimizing U.S.-based capabilities and capacity.

TERMINAL CAPACITY: 467 acres; 330,000 square feet of covered storage; 65 acres outdoor storage; general cargo facility operated by Federal Marine Terminals

DOCKS: 16 Seaway-draft berths, 1,000-foot vessel capable

EQUIPMENT: 220-ton stiffleg derrick, three crawler cranes (300-ton), 90-ton mobile crane, 70-ton gantry crane, 60-foot workboat

SERVICES: Union Pacific, Canadian Pacific railways; highways I-94, I-794; enhanced interstate access for extra-long loads allows trucks immediate highway access without incurring city over-dimensional permits; Fednav Fallline scheduled vessels to and from Europe; connection to the Gulf of Mexico via the Inland River System

CARGO: 2.5 million metric tons annually, including breakbulk, cement, salt, liquid bulk, grain, steel, limestone, slag and other cargoes

MONROE

Port of Monroe
10 Port Avenue
Monroe, Michigan, USA 48161
(734) 241-6480 / www.portofmonroe.com

Since 2012, the Port of Monroe has rapidly redefined itself as one of the most active seaports on Lake Erie. It is located 35 miles south of Detroit, Michigan and 17 miles north of Toledo, Ohio. While sustained by staple bulk cargoes, the port is making a name for itself in the project and wind markets.

FOREIGN TRADE ZONE: 70
TERMINAL CAPACITY: 600 acres total, 24,000 square feet indoor storage, 85 acres outdoor storage

DOCKS: 2,100-foot riverfront dock with 21-foot draft; 1,000-foot turning basin dock with 18-foot draft

EQUIPMENT: 140-ton Manitowoc Crawler, other cranes available as needed; two container reach stackers

SERVICES: Direct service on dock by CN and NS railroads; immediate I-75 access with two ramps; 600 plus acre port industrial park; stevedore is DRM Terminal Services

CARGO: 2.24 million metric tons annual average, including coal, limestone, petroleum coke, liquid asphalt, synthetic gypsum, salt, containers, wind, project cargo

MONTREAL

Montreal Port Authority
2100 Pierre-Dupuy Avenue, Wing 1
Montreal, Quebec, Canada H3C 3R5
(514) 283-7011 / communications@port-montreal.com
www.port-montreal.com

Operated by the Montreal Port Authority (MPA), the Port of Montreal is the second largest port in Canada and a diversified transshipment center that handles all types of goods: containerized and non-containerized cargo, liquid bulk and dry bulk. The only container port in Quebec, it is a destination port served by the largest shipping lines in the world. It is also an intermodal hub with a service offering that is unique in North America, featuring its own rail network directly dockside connected to Canada’s two national rail networks. The MPA also operates a Cruise Terminal and a Port Centre.

Due to the strategic inland location along the St. Lawrence River, the port is the shortest direct route between Europe/the Mediterranean and the North American industrial heartland. The on-dock rail system, modern infrastructure and reliable shipping partners make the port a model of efficiency in the shipping industry.

Direct routes connecting to more than 140 countries with transshipment ports near the Suez and Panama canals and in Northern Europe, the port welcomes cargo from all over the world. Additionally, it is located on the shortest route between the North American heartland and the leading transshipment ports of Northern Europe and the Mediterranean.

For more information, go to www.port-montreal.com/en/index.html.

TERMINAL CAPACITY: Facilities cover 6.35 square kilometers (2.4 square miles) on the Island of Montréal and 4.67 square kilometers (1.8 square miles) at Contrecoeur, located 40 kilometers (25 miles) downstream; 50,000 square meters indoor storage

DOCKS: 30 anchorage points; 100 berths, 150 to 770 meters long with depths from 7 to 11.3 meters

EQUIPMENT: 21 ship-to-shore cranes; 48 RTG cranes; 62 front-end loaders; three mobile harbor cranes; two Manitowoc cranes

SERVICES: Fully integrated rail, road and pipeline network; on-dock rail system; connections to CN and CP rail; many area industrial parks

CARGO: 35 million metric tons annually, including dry bulk, liquid bulk, containers, breakbulk and oversize cargo

For more information, go to www.port-montreal.com/en/index.html.
MUSKEGON
West Michigan Port Operators
560 Mart Street
Muskegon, Michigan, USA 49440
(231) 722-6691 / info@westmichiganportoperators.org
www.westmichiganportoperators.org

The port is operated by Muskegon County and is located on Muskegon Lake, the largest natural deepwater port in West Michigan. The U.S. Army Corps of Engineers provides funding for dredging of the Muskegon Lake Channel, providing year-round access to port facilities.

DOCKS: Five commercial facilities accommodate shipping, logistics, storage, towing and ship repair
SERVICES: Lake Express Ferry provides service across Lake Michigan from Milwaukee to Muskegon in 2.5 hours during its May-to-October season
CARGO: Nearly 1 million metric tons annually, including aggregate, coal and salt

OGDENSBURG
Ogdensburg Bridge &Port Authority
One Bridge Plaza
Ogdensburg, New York, USA 13669
(315) 393-4080 / www.ogdensport.com

The Port of Ogdensburg, New York is the first U.S. port of call on the Great Lakes St. Lawrence Seaway System. It is closer to Europe and North Africa than other U.S. ports in the system. This strategic location allows carriers to discharge cargo and place it on rail to all points in North America.

FOREIGN TRADE ZONE: 118
TERMINAL CAPACITY: More than 100,000 square feet of general cargo warehousing and over 36 acres of outside storage, including paved area; 30,000-square-foot (2,787 square meters) and 20,000-square-foot bulk storage buildings
DOCKS: 1,200-foot (366 meters) main dock, 27 feet (8.2 meters) deep
SERVICES: New York & Ogdensburg Railway and CSX; Seaway Bulk Services operates modern multi-modal rail terminal; full complement of trained stevedores
CARGO: Heavy-lift project cargo, bulk and breakbulk

OSWEGO
Port of Oswego Authority
1 East Second Street
Oswego, New York, USA 13126
(315) 343-4503 / shipping@portoswego.com / www.portoswego.com

The Port of Oswego Authority is New York state’s only port on Lake Ontario. The port’s strategic location at the crossroads of the Northeastern North American shipping market puts it less than 350 miles from 60 million people. Half of the U.S. and Canadian populations, and half of their business and manufacturing facilities, are within 750 miles. It is the only deepwater port in New York state on Lake Ontario.

FOREIGN TRADE ZONE: 90
The Port of Oswego is a designated Free Trade Zone
TERMINAL CAPACITY: 35 acres, 35,500 square feet indoor storage, 400,000 square feet outdoor storage and a new 21,200 MT grain facility and three miles of newly installed industrial rail with rail yard
DOCKS: East Dock 28 to 30 feet deep, 1900 feet long; West Dock 24 feet long deep, 1,100 feet long
EQUIPMENT: Port owned 360 ton and 30 ton mobile cranes, forklifts from 8,000 to 50,000 pounds; grain shiploading conveyor; Trackmobile; large-capacity payloaders
SERVICES: Dockside rail served by CSK; NYS Route 104, NYS Route 81 and NYS Route 48; Oswego Industrial Park; access to Lake Ontario and Oswego River (New York State Barge Canal)
CARGO: 1 million metric tons, including aluminum, grain, salt, potash, general bulk and project cargo

OSHAWA
Hamilton-Oshawa Port Authority (HOPA Ports)
1621 Simcoe Street
Oshawa, Ontario, Canada L1H 8J7
(905) 576-0100 / www.hopaports.ca

The Port of Oshawa is located on the north shore of Lake Ontario, about 32 miles east of Toronto. The City of Oshawa is three miles inland from the port and is a major manufacturing center. The port is administered by the Hamilton-Oshawa Port Authority.

TERMINAL CAPACITY: 300 acres total with 75,000 square feet of indoor storage, four domes covering 113,000 square feet, another 350,000 square feet of outside storage
DOCKS: Dredged basin enclosed by two breakwaters; 1,420 feet of berthing space
EQUIPMENT: Wide range of cargo handling equipment, from heavy-lift cranes to forklift trucks
SERVICES: New rail spur and new dock; Highway 401 links Montreal, Toronto and Windsor/Detroit, minutes from harbor compound; Oshawa Stevedoring
CARGO: 312,000 metric tons annually, including calcium chloride, potash and asphalt; specializes in steel shipments moving to local manufacturing plants and project cargo
Self-Unloaders are our business!

Advantages of the EMS-Tech Self-Unloader
- Innovative and proven technology
- High and efficient unloading rates
- Tailor-made designs
- Environmentally-friendly operation
QUEBEC

Port of Quebec
150 Dalhousie Street, P.O. Box 80
Quebec, Quebec, Canada G1R 4M8
(418) 648-3640 / marketing@portquebec.ca / www.portquebec.ca

The Port of Quebec is one of Canada’s top five ports. Administered by the Quebec Port Authority, it provides the shortest route by sea between Europe and the Great Lakes. Located 940 miles downstream from the Great Lakes, the port acts as a vital component of the Seaway System. Its reach extends to the Asian and Middle Eastern markets and to the mining, agricultural, energy and steel sectors.

TERMINAL CAPACITY: Accommodates more than 1,000 vessels each year; developing new 17.5-hectare terminal in Beauport (Beauport 2020)

DOCKS: Depth of 50 feet at low tide; accommodates ships up to 150,000 dwt

SERVICES: Complete intermodal transportation network with no congestion

CARGO: Averages 27 million metric tons, specializes in transshipment cargo

SAGUENAY

Port of Saguenay
6600 Chemin du Quai-Marcel-Dionne
La Baie, Quebec, Canada G7B 3N9
(418) 697-0250 / info@portsaguenay.ca / www.portsaguenay.ca

The Port of Saguenay is a deepwater international seaport located 54 nautical miles from the junction of the Saguenay and St. Lawrence rivers. It is considered a gateway to major industries in the region.

TERMINAL CAPACITY: More than 1,000 hectares total; two sheds with more than 14,000 square meters of storage space; outside storage totaling about 300,000 square meters; cruise ships dock at Quai de Bagotville terminal

DOCKS: Wharf length, 286 meters (939 feet); two berths available year-round; water depth 13.8 meters

SERVICES: Major highways, such as 70 and 175, connect the port for inland trucking; connected to the national railway network; Quebec Port Terminals Inc. serves as stevedore

CARGO: About 320,000 metric tons annually, the majority of which is dry bulk; Grande-Anse Marine Terminal specializes in forest products, solid/liquid bulk and general cargo

SEPT-ÎLES

Sept-Îles Port Authority
1 Quai Mgr-Blanche
Sept-Îles, Quebec, Canada G4R 5P3
(418) 968-1231 / www.portsi.com

The Port of Sept-Îles is the most important ore handling port in Canada. It is characterized by its deepwater and 10-kilometer-wide semicircular bay. It is located at the heart of the main maritime routes between North America, Europe and Asia, and has year-round access to the St. Lawrence. Nearly 80 percent of its cargo is destined for international markets.

TERMINAL CAPACITY: 8,000 square meters indoor storage; 40,000 square meters outdoor storage

DOCKS: Pointe-aux-Basques 208 meters long/8.5 meters deep; Des Pétroliers 98 meters long/12 meters deep; Mgr-Blanche 244 meters long/8 meters deep; Cruise Ship 315 meters long/11 meters deep; Railcar Ferry 200 meters long/8.5-11 meters deep; La Relance 260 meters long/14 meters deep; Pointe-Noire 488 meters long/12-16 meters deep; Multi-User trestle 560 meters/wharf 400 meters/20.7 meters deep

EQUIPMENT: Cranes available upon request; bulk cargo shippers and dischargers

SERVICES: CN railway via Railcar Ferry; provincial highway 138

CARGO: Nearly 35 million metric tons annually, including iron ore, alumina, aluminum, petroleum coke and petroleum products

THUNDER BAY

Thunder Bay Port Authority
100 Main Street
Thunder Bay, Ontario, Canada P7B 6R9
(807) 345-6400 / www.portofthunderbay.com

Thunder Bay is the largest export port on the Seaway System. Located on Thunder Bay on Lake Superior, it is the furthest-inland port in Canada. A hub for project cargoes destined for Western Canada, it is the System’s primary link to the provinces of Alberta, Saskatchewan and Manitoba.

TERMINAL CAPACITY: 300 acres total port land; 550,000 square feet indoor storage for general cargo, 1.1 million metric tons grain storage; 15 acres outdoor storage for general cargo; 300-plus acres outdoor storage for bulk cargo

DOCKS: Numerous docks at Seaway depth

EQUIPMENT: Liebherr LHM 320 Mobile Harbour Crane, 104 metric tons at 18 feet; Top-lifter

SERVICES: Two Class 1 Canadian railways, CN & CP; on-dock rail service; intermodal yard with 200 railcar capability; bulk cargo back-haul availability; direct access to TransCanada Highway; Harbour Park; multiple operators, including Port of Thunder Bay, Thunder Bay Terminals, Richardson International, Vitera, 63, Superior Elevator, Mobil Ex, Western Grain, Suncor, Lafarge; skilled workforce with extensive experience handling wind turbine parts, dimensional oil sands cargo, structural steel, rail, pipe, electrical infrastructure components and heavy mining equipment

CARGO: 9 million metric tons annually, including dimensional project cargo, grain, coal, potash and other bulk
The GREATEST Multimodal Facility in North America

THE RIGHT PLACE TO DO BUSINESS
The Chicago area is America’s most economically diverse region, and the capital of the Midwest, which produces one-third of America’s gross national product. Strategic location, diversity and access is the core strength that makes the Illinois International Port District the most pivotal port on the Great Lakes.

QUALITY AND LOCATION
For dry and liquid bulk shipping, handling and storage, the Port of Chicago offers state-of-the-art docking, cargo and warehouse facilities. Our deep water port links to all five Great Lakes and the World via the St. Lawrence Seaway, the Mississippi River and the Gulf of Mexico by barge, and intermodal connections to six major interstates and six of the seven Class I American railroads.
TOLEDO

Toledo-Lucas County Port Authority
One Maritime Plaza, 7th Floor
Toledo, Ohio, USA 43604-1866
(419) 243-8251 / www.toledoport.org

With a centralized location, access to all modes of transportation and terminal operators who can handle nearly any type of cargo, the Port of Toledo is well positioned to meet any transportation and logistical need. Take a virtual tour of port facilities by visiting tourtheport.com.

FOREIGN TRADE ZONE: 8
The Toledo-Lucas County Port Authority has been the grantee of Foreign Trade Zone (FTZ) 8 since 1971 and has recently been approved for the reorganization and expansion of the zone under the Alternative Site Framework (ASF). The ASF is an optional approach to designation and management of zone sites allowing greater flexibility and responsiveness that expands the reach of the FTZ to a large service area in Ohio. The fundamental benefits offered by the FTZ program are the ability to defer, reduce or even eliminate U.S. Customs duties on products admitted to the zone.

TERMINAL CAPACITY: 1,000 acres port land; 1 million square feet indoor storage; 1,000 acres outdoor storage

DOCKS: Full Seaway draft

EQUIPMENT: 550 Mobile Harbor Crane, 154 metric ton lift capacity; LHM 280 Mobile Harbor Cranes, 84 metric ton capacity; Mantsinen 200, 16 metric ton capacity; locomotive switch engines, end loaders, forklifts, conveyors

SERVICES: CSX, NS, CN railways; Highways I-75, I-80/90; multiple operators, including ADM, The Andersons, Cargill, ARMS Dock, BP, Mondelez, CSX, Hansen-Mueller, Kuhlman Corp., Lafarge, Shelly Liquid Products, Midwest Terminals of Toledo, Seneca Petroleum, St. Marys Cement, Toledo Refining Company, Contanda Terminals, Ironhead Marine; access to Maumee River, Lake Erie, St. Lawrence Seaway

CARGO: 10 million metric tons annually, including corn, wheat, soybeans, oats, potash, salt, asphalt, petroleum products, cement, coal, iron ore, project cargo, canola, rail ballast stone, millscale, pet coke, sand, limestone, aluminum, calcium nitrate, dunite, forest products, magnesite, scrap steel, steel coils, pipe, sugar, zinc, alfalfa, hot briquetted iron, gypsum, scrubber stone, pig iron

TORONTO

PortsToronto
500-207 Queen’s Quay West
Toronto, Ontario, Canada M5J 1A7
(416) 863-2000 / www.portstoronto.com

The Port of Toronto, one of Canada’s largest major inland ports, is situated on the northwest shore of Lake Ontario. Its location at the doorstep of downtown Toronto provides access to 25 percent of Canada’s population and is no more than 1,300 kilometers from many of North America’s largest cities.

TERMINAL CAPACITY: Inside and outside storage; 50-acre paved facility, fully bonded, 24-hour security, ISPS Code Facility

DOCKS: 1,800 meters of berthing space; all berths in excess of Seaway depth

SERVICES: Access to major highways; marine terminals operated in partnership with Logistec Inc.

CARGO: 2 million metric tons annually, including salt, sugar and cement

TROIS-RIVIÈRES

Three Rivers Port Authority
1545 rue du Fleuve
Trois-Rivières, Quebec, Canada G9A 6K4
(819) 378-2887 / adm_gen@porttr.com / www.portrr.com

As one of 17 Canada Port Authorities, and active since 1882, the Port of Trois-Rivières offers a wide range of facilities and services to the marine industry in all seasons. It is an important player in economic development at the regional, national and international levels for major industrial sectors such as aluminum, forestry and agri-food. The Port of Trois-Rivières welcomes 55,000 trucks, 11,000 railcars and more than 250 merchant and cruise ships annually from some 100 ports in more than 40 countries around the world. It handles more than 3.5 million metric tons of traffic and generates nearly 1,000 direct jobs.

TERMINAL CAPACITY: 450,000 square meters; three warehouses for general cargo with a total storage space of 17,900 square meters; eight warehouses for dry bulk with a total storage space of 28,000 square meters; elevators and tanks holding more than 215,000 tons of solid bulk; tanks holding 250,000 cubic meters of liquid bulk; 135,000 square meters of outdoor storage space

DOCKS: 2.7 kilometers of harbortfront, nine commercial berths with a minimum depth of 10.7 meters

EQUIPMENT: 63 and 100 metric ton dock cranes

SERVICES: 7.6 km of rail served by Quebec Gatineau Railway (Genesee Wyoming Canada) which provides direct access to CP & CN rail networks; Highway 40, 55 connecting to 20 and U.S. Interstate; Trois-Rivieres Industrial Port Zone, Logistec (breakbulk), Somavrac (dry and liquid bulk), 63 (grain, alumina and calcined coke)

CARGO: 3.3 million metric tons annually, including alumina, calcined coke, mineral concentrates, cement, grain, fertilizers, coal tar, gypsum, caustic soda, salt, sugar, steel, pulp, wind towers and cocoa beans
EXPERIENCE CAT® POWER
Professional Cat Engine Service

No one knows system-by-system service like Ziegler. Dock-side or underway, benefit from our comprehensive parts knowledge and service experience of Caterpillar Power Systems and most other makes and models, including:

• Generator Sets
• Bow Thruster Power Systems
• Electrical Systems
• Caterpillar Main Propulsion

Scott Stadler
Duluth Branch Manager
218.726.4071

Duluth Field Service
218.722.6628

www.zieglercat.com/power

WHATEVER IT TAKES
TO MEET YOUR COAL TRANSPORTATION REQUIREMENTS

• Coal Sourcing • Rail Transportation • Dock Services
• Blending • Trucking • Vessel Transportation

Calumet River Fleeting
CHICAGO DRY DOCK

Serving Chicagoland since 1979
The ONLY Shipyard with Unencumbered Access to the Great Lakes AND the Inland Waterways

For more information, contact
Bob Farrell | bfarrel@calriverfleeting.com | cell 815-735-8288
Terry Hoeckendorff | thoeckendorff@calriverfleeting.com | cell: 773-617-8820

Three full-size dry docks | Seven acres of land | 1200 feet of sheeted waterside wall | Located on the Calumet River Mile 331 | Quick access to Lake Michigan | Experienced staff of ABS Certified Welder-Fabricators | Full fabrication and working with a local machine shop | Remote crews also available to your site | Repairing and Cleaning Boats and Barges

773-721-3100
**VALLEYFIELD**

Valleyfield Harbour Corp.
950 Gerard-Cadieux Boulevard, Suite 100
Salaberry-de-Valleyfield
Quebec, Canada J6T 6L4
(450) 373-4021 / www.portvalleyfield.com

The Port of Valleyfield is located in the City of Salaberry-de-Valleyfield, the industrial hub of southwestern Quebec. With its strategic geographic position, near the Ontario and U.S. borders, the port provides direct access to North America’s most important markets. With only 70 kilometers separating it from downtown Montreal, the port also serves as a satellite port for the Montreal market.

**TERMINAL CAPACITY:** More than 140,000 square meters of vacant land ready for occupancy; five warehouses with nearly 32,000 square meters of interior storage space; asphalted bays measuring 77,500 square meters; 34 storage reservoirs for liquid bulk cargo with a total capacity of 36,683 cubic meters

**DOCKS:** More than 1,000 linear meters of berthing; eight docks (tugs not required); Seaway draft

**SERVICES:** Access to Highways 20/401 Toronto-Montreal/Quebec, 30 and 40; rail links and line-haul rates available from CSX, CN and CP

---

**Windsor Port Authority**
3190 Sandwich Street
Windsor, Ontario, Canada N9C 1A6
(519) 258-5741 / www.portwindsor.com

The Port of Windsor is on Canada’s South Coast of Highway H2O, looking directly across the Detroit River to Detroit, Michigan. It is Canada’s third-largest Canadian Great Lakes port by volume, handling up to 5 million metric tons a year. The Windsor Port Authority oversees some 13 miles of river frontage.

**TERMINAL CAPACITY:** 250 acres of open storage; 250,000 square feet of covered storage space

**DOCKS:** More than 16,000 feet of berthing space

**SERVICES:** Windsor’s Sterling Marine Fuels functions as a vessel fueling station and liquid bulk storage facility; grain moved by ADM through the Windsor Grain Terminal; aggregates handled at facilities within the port, including Southwestern Sales Corp (east and west docks), LafargeHolcim, CBM/St. Marys Cement, Miller Aggregates, Coco Group, Essroc Italcementi

**CARGO:** Aggregates, salt, grain, sugar, fluor spar, lumber, steel, petroleum, cement, asphalt, vehicles, heavy-lift equipment

---

**Waukegan Port District**
55 South Harbor Place
Waukegan, Illinois, USA 60085
(847) 244-3133 / www.waukeganharbor.com

Professionally managed by F3 Marina, the Port of Waukegan serves as the only port of refuge between Chicago and Milwaukee along the Western shore of Lake Michigan. The approach and entrance channel are maintained annually to a depth of no less than 23 feet. National Gypsum Corporation is the main commercial operator bringing in bulk gypsum stone to be manufactured into sheet rock for construction.

**TERMINAL CAPACITY:** 30 acres port land; 50,000 square feet indoor storage; 100,000 square feet outdoor storage

**DOCKS:** Draft inside port 17 feet along docks and 23 feet throughout channel; 700 feet of commercial dock space; 600 feet of commercial slip space

**SERVICES:** National Gypsum Corporation, Rock Solid Materials, St. Marys Cement; direct access to Highway 94, bypass for Highways 94 and 55 South as listed in IDOT Marine Transportation System Plan

**CARGO:** 180,000 metric tons annually, including bulk gypsum, stone, sand, steel
LOGISTICS SERVICES
AN ALTERNATIVE

HALIFAX TO PICTON
IMPORT & EXPORT SERVICE

613.561.6538
info@doornekamplines.ca

doornekamplines.ca

DOORNEKAMP LINES

SPECIALIZING IN MARINE TRANSPORTATION

MMTL is dedicated to transporting your high heat, black oil products right to your facility.

Operating two Articulated Tug/Barge (ATB) units: “Leo A. McArthur/John J. Carrick” and the “Everlast/Norman McLeod”
AGENTS

Alliance Shippers Inc.
516 Sylvan Avenue
Englewood Cliffs, New Jersey 07632 USA
www.alliance.com
TEL: (201) 227-0400

Benchmark Marine Agency Inc.
10048 S. Indianapolis Avenue
Chicago, Illinois 60617 USA
TEL: (773) 221-7400

Celtic Marine and Logistics
3888 S. Sherwyn Forest Boulevard
Celtic Center Building I
Baton Rouge, Louisiana 70816 USA
www.celticmarine.com
TEL: (225) 752-2490

Central Marine Logistics Inc./
Inter Ship Agency
445 N. Broad Street
Griffith, Indiana 46319 USA
www.centralmarinelogistics.com
TEL: (219) 922-2546

Colesy Motorships Ltd.
1751 Richardson Street, Suite 3112
Montreal, Quebec H3K 1G6 Canada
TEL: (514) 939-2366

Columbus Shipping & Trading Agency
P.O. Box 48341
Westlake, Ohio 44145 USA
www.coship.com
TEL: (440) 617-9907

ContainerPort Group Inc.
1340 Depot Street, 2nd Floor
Cleveland, Ohio 44116 USA
www.containerport.com
TEL: (440) 333-1330

Currie Maritime Corporation
16 Regan Road, Unit 51
Brampton, Ontario L7A 1C1 Canada
www.curriemaritime.com
TEL: (905) 495-7700

Daniel’s Shipping Services Inc.
219 W. First Street, Suite 350
Duluth, Minnesota 55802 USA
TEL: (218) 722-7461

Fednav Limited - Falline
1000 de la Gauchetiere Street W.
Suite 3500
Montreal, Quebec H3B 4W5 Canada
www.fednav.com
TEL: (514) 878-6500

Great Lakes Fleet - Key Lakes Inc.
215 S. 37th Avenue W., Suite 200
Duluth, Minnesota 55807 USA
www.cn.ca/greatlakesfleet
TEL: (218) 723-2414

Gresco Ltd.
239 de la Commune Street, W.
Montreal, Quebec H2Y 2E1 Canada
TEL: (514) 842-4051

Inchcape Shipping Services
630 Bord du Lac, Suite 102
Dorval, Quebec H9S 2B6 Canada
www.tss-shipping.com
TEL: (514) 861-1216

James Group International
4335 W. Fort Street
Detroit, Michigan 48209 USA
www.jamesgroupint.com
TEL: (313) 841-0070

Laden Maritime Inc.
1872 Notre-Dame Street W., Suite 201
Montreal, Quebec H3J 1M6 Canada
www.laden-maritime.com
TEL: (514) 284-4202

Lake Superior Shipping Ltd.
600 Simpson Street
Thunder Bay, Ontario P7C 3J7 Canada
TEL: (807) 623-1171

Maersk (Canada) Inc.
2576 Matheson Boulevard E., Suite 101
Mississauga, Ontario L4W 5H1 Canada
www.maersk.com
TEL: (905) 624-5585

MCA Marine & Cargo Agencies
215 Westcroft Road
Beaconsfield, Quebec H9W 2M2 Canada
TEL: (514) 694-3707

McLean Kennedy Inc.
625 Rene Levesque Boulevard W.
Suite 1210
Montreal, Quebec H3B 1R2 Canada
TEL: (514) 849-6111

Mediterannean Shipping Company (Canada) Inc.
7 Saint-Jacques West
Montreal, Quebec H2Y 1M6 Canada
www.msc.com
TEL: (514) 844-3711

Mediterannean Shipping Company (USA) Inc.
420 5th Avenue, 8th Floor
New York, New York 10018 USA
www.msc.com
TEL: (212) 764-4800

Montreal Marine Services Inc.
50 de la Barre, Suite 111
Longueuil, Quebec J4K 5Q2 Canada
www.montrealmarine.ca
TEL: (450) 646-3448

Montship Inc.
2700 Matheson Boulevard, E., Suite 400
Mississauga, Ontario L4W 4V9 Canada
www.montship.ca
TEL: (905) 629-5900

Montship Inc.
360 Saint-Jacques Street, Suite 1000
Montreal, Quebec H2Y 1R2 Canada
www.montship.ca
TEL: (514) 286-4646

Navtrans Shipping Agencies Inc.
4336 St. Martin Boulevard W.
Laval, Quebec H7T 1C3 Canada
www.navtranscanada.com
TEL: (450) 682-4595

NEAS
2100 Pierre Dupuy, Wing 3, Suite 2300
Montreal, Quebec H3C 3K5 Canada
www.neas.ca
TEL: (514) 597-0186

New England Steamship Agents Inc.
730 Downing Street
Niskayuna, New York 12309 USA
www.newenglandsteamship.com
TEL: (518) 339-4680

Norton Lilly International Inc.
2610 Matheson Boulevard, E.
Mississauga, Ontario L4W 5J8 Canada
www.nortonlilly.com
TEL: (416) 252-0009

Ocean Network Express (Canada) Inc.
5090 Explorer Drive, Suite 810
Mississauga, Ontario L4W 4T0 Canada
www.one-line.com
TEL: (844) 613-6013

OCL Logistics (Canada) Ltd.
703 Evans Avenue, Suite 300
Toronto, Ontario M3G 2E9 Canada
www.oicolgistics.com
TEL: (416) 620-8999

OCL Logistics (USA) Inc.
5707 S. Cats, Suite 1131
Westmont, Illinois 60559 USA
www.oicolgistics.com
TEL: (630) 910-0247

Pickendants Mather Group
917 Chalcotche Road
Girt Road, Ohio 44040 USA
www.pickendantsmather.com
TEL: (440) 256-7622

Poros Shipping Agencies Inc.
705 William Street, Suite 1101
Montreal, Quebec H3C 0R5 Canada
www.poroscanada.com
TEL: (450) 422-1211

Ramsey Greig & Co. Ltd.
215 West Street
St. Joseph de Sorel, Quebec J3R 1B9 Canada
www.sorel-maritime.qc.ca
TEL: (514) 497-7095

Sorel Maritime Agencies Inc.
201 Montcalm, Suite 106
St. Joseph de Sorel, Quebec J3R 1B9 Canada
www.sorel-maritime.qc.ca
TEL: (514) 288-8282

Westward Shipping Ltd.
1166 Alberni Street, Suite 1500
Vancouver, British Columbia V6E 3C3 Canada
www.westwardshipping.com
TEL: (604) 273-6141

Windsor Shipping Agency
P.O. Box 7146
Windsor, Ontario N8C 3Y6 Canada
TEL: (519) 966-2100

World Shipping Inc.
415 Salmon Drive
Portage, Indiana 46368 USA
www.worldshipping.com
TEL: (219) 787-9427

World Shipping Inc.
1540 Depot Street, Suite 200
Rocky River, Ohio 44116 USA
www.worldshipping.com
TEL: (440) 336-7876

World Shipping Inc.
139 Clark Street
Duluth, Minnesota 52829 USA
www.worldshipping.com
TEL: (218) 722-7461
Livingston International
150 Pierce Road, Suite 500
Itasca, Illinois 60143 USA
www.livingstonint.com
TEL: ........................ (630) 766-0202

Livingston International
6725 Airport Road, Suite 500
Mississauga, Ontario L4V 1V2 Canada
www.livingstonint.com
TEL: ........................ (905) 676-3700

Livingston International
407 McGill Street, Suite 200
Montreal, Quebec H2Y 2S3 Canada
www.livingstonint.com
TEL: ........................ (514) 735-2000

Livingston International
805-C 10th Avenue
Port Huron, Michigan 48060 USA
www.livingstonint.com
TEL: ........................ (810) 982-1598

Livingston International
405 The West Mall, Suite 400
Toronto, Ontario M9C 5K7 Canada
www.livingstonint.com
TEL: ........................ (416) 626-2800

Logistec Corporation
5400 Whiskey Island Road
Cleveland, Ohio 44102 USA
www.logistec.com
TEL: ........................ (216) 541-3139

Logistec Corporation
1190 Marie-Victorin
Contrecoeur, Quebec J0L 1C0 Canada
www.logistec.com
TEL: ........................ (514) 587-2073

Logistec Corporation
1056 Marginal Road, Suite 208
P.O. Box 264
Halifax, Nova Scotia B3H 4M4 Canada
www.logistec.com
TEL: ........................ (902) 422-7483

Logistec Corporation
3000 County Road No. 2
Johnstown, Ontario K0E 1T1 Canada
www.logistec.com
TEL: ........................ (613) 925-2313

Logistec Corporation
605 de la Gouthière Street W., 14th Floor
Montreal, Quebec H3B 4L2 Canada
www.logistec.com
TEL: ........................ (514) 844-9381

Logistec Corporation
4830 John Molson Street
Quebec City, Quebec G1Y 3W4 Canada
www.logistec.com
TEL: ........................ (418) 623-9784

Logistec Corporation
400 Chemin de la Pointe-Noire
Sept-Îles, Quebec G4R 5M9 Canada
www.logistec.com
TEL: ........................ (418) 962-7638

Logistec Corporation
2075 Notre-Dame Centre
Three Rivers, Quebec G9A 4Y7 Canada
www.logistec.com
TEL: ........................ (819) 379-0811

Logistec Corporation
100 Main Street, Suite 360
Thunder Bay, Ontario P7B 6R9 Canada
www.logistec.com
TEL: ........................ (807) 345-2301

Logistec Corporation
8 Unwin Avenue
Toronto, Ontario M5A 1A1 Canada
www.logistec.com
TEL: ........................ (416) 462-1228

M.E. Dey & Co. Inc.
1 Pierce Place, Suite 330W
Itasca, Illinois 60143 USA
www.medey.com
TEL: ........................ (630) 787-0717

M.E. Dey & Co. Inc.
700 W. Virginia Street, Suite 300
Milwaukee, Wisconsin 53204 USA
www.medey.com
TEL: ........................ (414) 747-7000

Mallory Alexander International
Logistics
1111 E. Touhy Avenue, Suite 520
Des Plaines, Illinois 60018 USA
www.mallorygroup.com
TEL: ........................ (630) 477-2490

Meiko America Inc.
868 A.E.C. Drive
Wood Dale, Illinois 60191 USA
www.meikomeik.com
TEL: ........................ (630) 766-1492

Metro Custom Brokers, Inc.
1 Peace Bridge Plaza, Suite 153
Buffalo, New York 14213 USA
www.metrocb.com
TEL: ........................ (716) 883-0020

Mid-Ship Group LLC
145 Main Street
Port Washington, New York 11050 USA
www.mship.com
TEL: ........................ (516) 944-3500

Midwest Custom Services of Wisconsin Inc.
1869 Renaissance Boulevard, Suite 204
Sturtevant, Wisconsin 53177 USA
www.midwestcustomservices.com
TEL: ........................ (262) 884-4554

Odyssey Shipping Ltd.
10600 Cote-de-Liesse, Suite 141
Lachine, Quebec H8T 1A4 Canada
www.odysseyshipping.com
TEL: ........................ (514) 631-2880

Omnitrans Inc.
4300 Jean-Talon W.
Montreal, Quebec H3P 1W3 Canada
www.omnitrans.com
TEL: ........................ (514) 288-6664

PLS Custom House Broker Inc.
5200 W. Loomis Road
Greendale, Wisconsin 53129 USA
www.plschb.com
TEL: ........................ (414) 858-1051

Quality Global Logistics
4464 S. Whitnall Avenue
St. Francis, Wisconsin 53235 USA
www.qualitybrokers.com
TEL: ........................ (414) 482-9447

Rideau Bulk Terminals Inc.
6960 Fourth Line Road
North Gower, Ontario K0A 2T0 Canada
www.rideaubulk.com
TEL: ........................ (613) 489-1440

Rideau Bulk Terminals Inc.
3210 Airway Drive
Mississauga, Ontario L4V 1Y6 Canada
www.rideaubulk.com
TEL: ........................ (905) 673-0807

Schenker of Canada Limited
3210 Airway Drive
Mississauga, Ontario L4V 1Y6 Canada
www.dbschenker.com
TEL: ........................ (905) 673-0807

Scruton Marine Services
49 John Street
Port Dover, Ontario N0A 1N7 Canada
www.scrutonmarine.com
TEL: ........................ (519) 583-1636

TORONTO TUG & TRANSPORT
www.torontotugandtransport.com  (416) 364-3244

Pennsylvania’s Only Great Lakes Port!

Home of Foreign Trade Zone #247, the Port of Erie, Pennsylvania continues to be an excellent choice for all of your shipping and shipbuilding needs.

Carmese–Erie Sand & Gravel Operation houses the largest lift capacity on the Great Lakes, stevedoring, material handling, warehousing, rigging and lashing and cargo management.

Donjon Shipbuilding is equipped with one of only two dry docks on the Great Lakes capable of dry docking 1,000 foot self-unloading vessels and provides shipbuilding, barge construction, vessel conversion, repowering, repair and maintenance services, and steel fabrication and assembly.

Port of Erie—Opportunity in Every Direction

ERIE-WESTERN PA PORT AUTHORITY
1 HOLLAND STREET • ERIE, PA 16507 • (814) 455-7557
WWW.PORTERIE.ORG
Canadian Coast Guard -  
Marine Communications &  
Traffic Services - Quebec  
101 Champlain Boulevard  
Quebec, Quebec G1K 7Y7 Canada  
www.ccg-gcc.gc.ca  
TEL:  . . . . . . . . . . . . . . . . . .(418) 648-4427

Canadian Coast Guard -  
Marine Communications &  
Traffic Services - Sarnia  
P.O. Box 277  
Sarnia, Ontario N7T 7W1 Canada  
www.ccg-gcc.gc.ca  
TEL:  . . . . . . . . . . . . . . . . . .(519) 337-6221

Canadian Coast Guard -  
Fisheries & Ocean Canada - Quebec  
104 Dallhouse Street  
Quebec City, Quebec G1K 7Y7 Canada  
www.edu.mp-o.gc.ca  
TEL:  . . . . . . . . . . . . . . . . . .(418) 648-2239

Canadian Coast Guard -  
Fisheries & Ocean Canada - Sarnia  
520 Exmouth Street  
Sarnia, Ontario N7T 8B1 Canada  
www.edu.mp-o.gc.ca  
TEL:  . . . . . . . . . . . . . . . . . .(519) 383-1809

U.S. Coast Guard -  
Buffalo Command Center  
1 Fuhrmann Boulevard  
Buffalo, New York 14203 USA  
www.atlanticarea.uscg.mil  
TEL:  . . . . . . . . . . . . . . . . . .(716) 873-9561

U.S. Coast Guard -  
Chicago Command Center  
555 Plantfield Road, Suite A  
Willowbrook, Illinois 60527 USA  
www.atlanticarea.uscg.mil  
TEL:  . . . . . . . . . . . . . . . . . .(630) 986-2155

U.S. Coast Guard -  
Duluth Command Center  
110 Mt. Elliot Street  
Duluth, Minnesota 55802 USA  
www.atlanticarea.uscg.mil  
TEL:  . . . . . . . . . . . . . . . . . .(218) 720-5203

U.S. Coast Guard -  
Detroit Command Center  
10 Mt. Elliott Street  
Detroit, Michigan 48207 USA  
www.atlanticarea.uscg.mil  
TEL:  . . . . . . . . . . . . . . . . . .(313) 296-5726

U.S. Coast Guard -  
District Nine Command Center  
1240 E. Ninth Street  
Cleveland, Ohio 44113 USA  
www.atlanticarea.uscg.mil  
TEL:  . . . . . . . . . . . . . . . . . .(216) 902-6000

U.S. Coast Guard -  
Lake Michigan Command Center  
2420 S. Lincoln Memorial Drive  
Milwaukee, Wisconsin 53207 USA  
www.atlanticarea.uscg.mil  
TEL:  . . . . . . . . . . . . . . . . . .(414) 747-7170

U.S. Coast Guard -  
Sault Ste. Marie Command Center  
337 Water Street  
Sault Ste. Marie, Michigan 49783 USA  
www.atlanticarea.uscg.mil  
TEL:  . . . . . . . . . . . . . . . . . .(906) 635-3228

U.S. Coast Guard - Station Duluth  
1201 Minnesota Avenue  
Duluth, Minnesota 55802 USA  
www.atlanticarea.uscg.mil  
TEL:  . . . . . . . . . . . . . . . . . .(218) 529-3100

U.S. Coast Guard - Station Toledo  
3900 N. Summit Street  
Toledo, Ohio 43611 USA  
www.atlanticarea.uscg.mil  
TEL:  . . . . . . . . . . . . . . . . . .(419) 729-2034

CUSTOMS OFFICES  
Canada Border Services Agency -  
Cargo Services  
140 Thad Johnson Private  
Ottawa, Ontario K1V 0R4 Canada  
www.cbsa-asfc.gc.ca  
TEL:  . . . . . . . . . . . . . . . . . .(613) 991-6900

U.S. Customs and Border Protection  
Field Operations - Buffalo  
300 Airline Parkway, Suite 300  
Buffalo, New York 14225 USA  
www.cbp.gov  
TEL:  . . . . . . . . . . . . . . . . . .(716) 626-0400

U.S. Customs and Border Protection  
Field Operations - Chicago  
610 S. Canal Street, Room 300  
Chicago, Illinois 60607 USA  
www.cbp.gov  
TEL:  . . . . . . . . . . . . . . . . . .(312) 542-5700

U.S. Customs and Border Protection  
Field Operations - Cleveland  
6747 Engle Road  
Middleburg Heights, Ohio 44130 USA  
www.cbp.gov  
TEL:  . . . . . . . . . . . . . . . . . .(440) 891-3800

U.S. Customs and Border Protection  
Field Operations - Detroit  
211 W. Port Street, Suite 1200  
Detroit, Michigan 48226 USA  
www.cbp.gov  
TEL:  . . . . . . . . . . . . . . . . . .(313) 496-2155

U.S. Customs and Border Protection  
Field Operations - Duluth/Superior  
Federal Building, Room 217, 515 W. First Street  
Duluth, Minnesota 55802 USA  
www.cbp.gov  
TEL:  . . . . . . . . . . . . . . . . . .(218) 720-5203

U.S. Customs and Border Protection  
Field Operations - Green Bay  
2077 Airport Drive  
Green Bay, Wisconsin 54313 USA  
www.cbp.gov  
TEL:  . . . . . . . . . . . . . . . . . .(920) 496-0606

U.S. Customs and Border Protection  
Field Operations - Milwaukee  
4915 S. Howell Avenue, Suite 200  
Milwaukee, Wisconsin 53207 USA  
www.cbp.gov  
TEL:  . . . . . . . . . . . . . . . . . .(414) 486-7790

FOREIGN TRADE ZONES  
Brown County, Wisconsin -  
FTZ No. 167  
2561 S. Broadview  
Green Bay, Wisconsin 54304 USA  
www.portofgreenbay.com  
TEL:  . . . . . . . . . . . . . . . . . .(920) 496-4953

Cleveland Cuyahoga County  
Port Authority - FTZ No. 40  
1100 W. 9th Street, Suite 300  
Cleveland, Ohio 44113 USA  
www.portofcleveland.com  
TEL:  . . . . . . . . . . . . . . . . . .(216) 241-8004

Duluth Seaway Port Authority -  
FTZ No. 51  
802 Garfield Avenue  
Duluth, Minnesota 55802 USA  
www.duluthport.com  
TEL:  . . . . . . . . . . . . . . . . . .(218) 727-8525

Economic Development Alliance of  
St. Clair County - FTZ No. 210  
100 McMorran Boulevard, 4th Floor  
Port Huron, Michigan 48060 USA  
www.edasc.com  
TEL:  . . . . . . . . . . . . . . . . . .(810) 982-9511

Erie-Western Pennsylvania  
Port Authority - FTZ No. 247  
1 Holland Street  
Erie, Pennsylvania 16507 USA  
www.porterie.org  
TEL:  . . . . . . . . . . . . . . . . . .(814) 455-7557

800.646.8802  
24/7 Emergency Service  
Green Bay, WI • 920.606.6082  
fabickcat.com
Buffalo Gateway Metroport
1951 Hamburg Turnpike
Lackawanna, New York 14218 USA
www.portofbuffalo.com
TEL: .........................(716) 826-7310

Cheboygan, Port of
P.O. Box 99
Cheboygan, Michigan 49721 USA
www.portofcheboygan.com
TEL: .........................(231) 627-9931

Cleveland-Cuyahoga County Port Authority
1100 W. 9th Street, Suite 300
Cleveland, Ohio 44113 USA
www.portofcleveland.com
TEL: .........................(216) 241-8004

Conneaut Port Authority
325 Brod Street
Conneaut, Ohio 44030 USA
www.conneautportauthority.com
TEL: .........................(440) 593-1300

Detroit/Wayne County Port Authority
130 E. Alwator Street
Detroit, Michigan 48226 USA
www.portofdetroit.com
TEL: .........................(313) 259-5091

Duluth Seaway Port Authority
802 Garfield Avenue
Duluth, Minnesota 55802 USA
www.duluthport.com
TEL: .........................(218) 727-8525

Erie-Western Pennsylvania Port Authority
1 Holland Street
Erie, Pennsylvania 16507 USA
www.porterie.org
TEL: .........................(814) 455-7557

Goderich Port Management Corporation
245 N. Harbour Road, P.O. Box 415
Goderich, Ontario N7A 4C6 Canada
www.goderichport.ca
TEL: .........................(519) 524-3234

Green Bay, Port of
261 S. Broadway
Green Bay, Wisconsin 54304 USA
www.portofgreenbay.com
TEL: .........................(920) 492-4950

Hamilton-Oshawa Port Authority
605 James Street, N., 6th Floor
Hamilton, Ontario L1J 1K1 Canada
www.hopaports.ca
TEL: .........................(905) 344-8894

Illinois International Port District
3600 E. 95th Street
Chicago, Illinois 60617 USA
www.iipd.com
TEL: .........................(773) 646-4400

Indiana-Burns Harbor, Port of
6625 S. Boundary Drive
Portage, Indiana 46368 USA
www.portsofindiana.com
TEL: .........................(219) 787-8636

Johnstown, Port of
3135 County Road 2
Johnstown, Ontario K0E 1T1 Canada
www.portofjohnstown.com
TEL: .........................(613) 925-4228

Lorain Port Authority
319 Black River Lane
Lorain, Ohio 44052 USA
www.lorainport.com
TEL: .........................(440) 204-2269

Milwaukee, Port
2323 S. Lincoln Memorial Drive
Milwaukee, Wisconsin 53207 USA
www.portofmilwaukee.com
TEL: .........................(414) 286-3511

Monroe, Port of
10 Port Avenue
Monroe, Michigan 48161 USA
www.portofmonroe.com
TEL: .........................(734) 241-6480

Montreal Port Authority
2100 Pierre-Deputy Avenue, Wing 1
Montreal, Quebec H3C 3RS Canada
www.port-montreal.com
TEL: .........................(514) 233-7011

Muskegon, Port of
560 Mert Street
Muskegon, Michigan 49440 USA
www.westmichiganportoperators.org
TEL: .........................(231) 722-6691

Ogdensburg Bridge & Port Authority
1 Bridge Plaza
Ogdensburg, New York 13669 USA
www.ogdensport.com
TEL: .........................(315) 393-4080

Port Colborne, City of
66 Charlotte Street
Port Colborne, Ontario L3K 3C8 Canada
www.portofcolborne.ca
TEL: .........................(905) 835-2900

Quebec Port Authority
150 Dalhousie Street, P.O. Box 80
Station Haute-Ville Quebec, Quebec G1R 4M8 Canada
www.portquebec.ca
TEL: .........................(418) 648-3640

Saguenay, Port of
6650 Chemin du Quai-Marcel-Dionne
La Baie, Quebec G7B 3N9 Canada
www.portofsaguenay.ca
TEL: .........................(418) 697-0250

Sarnia Harbour
100 Seaway Road, P.O. Box 123
Sarnia, Ontario N7T 7H6 Canada
www.sarniaborbour.com
TEL: .........................(519) 344-8894

Sept-Iles Port Authority
1 Quai Mgr-Blanche
Sept-Iles Port Authority
1 Quai Mgr-Blanche
Sept-Iles, Quebec G4R 5P3 Canada
www.portoisles.ca
TEL: .........................(418) 968-1231

Toledo Shipyard
Three Rivers Port Authority
1545 rue du Reveau
Trois-Rivieres, Quebec G9A 6K4 Canada
www.porttmi.com
TEL: .........................(819) 578-2887

Thunder Bay Port Authority
100 Main Street
Thunder Bay, Ontario P7B 6R9 Canada
www.portofthunderbay.com
TEL: .........................(807) 345-6400

Toledo/Western Pennsylvania Port Authority
3035 County Road 2
Toledo, Ohio 43604 USA
www.toledoport.org
TEL: .........................(419) 243-8251

PortsToronto
207 Queen’s Quay W., Suite 500
Toronto, Ontario M5J 1A7 Canada
www.portstoronto.com
TEL: .........................(416) 863-2000

IRONHEAD Marine, Inc.
Full service marine repairs.
Construction, conversion and repowering.
Heavy industrial fabricators of furnaces, ducts, stacks, conveyors and tanks.
2 Graving docks 806” max length for survey. Barge shipments of heavy fabrications.
20,000SF High Bay Fabrication Shop.

TOLEDO SHIPYARD
2245 Front Street
Toledo, OH 43605-1231
Phone: 419-690-0000 Fax: 419-690-0001
www.ironheadfab.com
MP Pumps Inc.  
34800 Bennett  
Fraser, Michigan  48026 USA  
www.gardnerdenver.com  
TEL:  . . . . . . . . . . . . . . . . . . (586) 293-8240

National Maintenance & Repair Inc.  
401 Hawthorne Street, P.O. Box 38  
Hartford, Illinois  62048 USA  
www.mcrational.com  
TEL:  . . . . . . . . . . . . . . . . . . (618) 254-7451

Navamar Inc.  
10130 Notre Dame Street, E  
Montreal, Quebec  H1B 2T7 Canada  
www.navamar.com  
TEL:  . . . . . . . . . . . . . . . . . . (514) 989-0048

Nicholson Terminal & Dock Company  
360 E. Great Lakes Street  
Ecorse, Michigan  48229 USA  
www.nicholson-terminal.com  
TEL:  . . . . . . . . . . . . . . . . . . (313) 842-4300

North Shore Marine Terminal &  
Logistics Inc.  
328 N. 10th Street  
Escanaba, Michigan  49829 USA  
www.northshoremarenterminal.com  
TEL:  . . . . . . . . . . . . . . . . . . (906) 786-7120

Northern Engineering Works  
100 Ogden Avenue  
Superior, Wisconsin  54880 USA  
www.noeengwks.org  
TEL:  . . . . . . . . . . . . . . . . . . (715) 394-4211

Northern Machining & Repair Inc.  
1701 N. 26th Street  
Escanaba, Michigan  49829 USA  
www.northernmachining.com  
TEL:  . . . . . . . . . . . . . . . . . . (800) 397-6632

Ocean Group  
105 Abraham-Martin Street, Suite 500  
Quebec, Quebec  G1K 8N1 Canada  
TEL:  . . . . . . . . . . . . . . . . . . (514) 339-9660

Purvis & Foster Inc.  
9640 Grinnell Street  
Detroit, Michigan  48213 USA  
www.purvisfosterinc.com  
TEL:  . . . . . . . . . . . . . . . . . . (313) 924-0538

Purvis Marine Ltd.  
1 Prim Street  
Sault Ste. Marie, Ontario  P6A 3G7 Canada  
www.purvismarine.com  
TEL:  . . . . . . . . . . . . . . . . . . (705) 253-3038

Rand Logistics Inc. -  
Conneaut Creek Ship Repair Inc.  
4200 Benefit Avenue  
Ashtabula, Ohio  44004 USA  
www.ccinc.com  
TEL:  . . . . . . . . . . . . . . . . . . (440) 990-3050

Sandrin Services Inc.  
150 Exmouth Street  
Sarnia, Ontario  N7T 5M3 Canada  
www.sandrininc.com  
TEL:  . . . . . . . . . . . . . . . . . . (519) 336-5588

Scardana  
123 Churchill Street  
Greenfield Park, Quebec  J4V 2M1 Canada  
www.scardana.com  
TEL:  . . . . . . . . . . . . . . . . . . (450) 465-2480

Schottel Canada  
CP 75161  
Quebec, Quebec  G1Y 3C7 Canada  
www.schottel.de  
TEL:  . . . . . . . . . . . . . . . . . . (586) 346-8302

Schottel Inc.  
1741 Denley Road  
Houma, Louisiana  70363 USA  
www.schottel.de  
TEL:  . . . . . . . . . . . . . . . . . . (888) 320-4292

Schottel Inc.  
1741 Denley Road  
Houma, Louisiana  70363 USA  
www.schottel.de  
TEL:  . . . . . . . . . . . . . . . . . . (888) 320-4292

Schottel Inc.  
1741 Denley Road  
Houma, Louisiana  70363 USA  
www.schottel.de  
TEL:  . . . . . . . . . . . . . . . . . . (888) 320-4292

Schottel Inc.  
1741 Denley Road  
Houma, Louisiana  70363 USA  
www.schottel.de  
TEL:  . . . . . . . . . . . . . . . . . . (888) 320-4292
STEVEDORES

Ceres Inc.
606 Garfield Avenue, Suite 202
Duluth, Minnesota 55802 USA
www.ceresglobal.com
TEL: (218) 722-5858

Empire Stevedoring Co. Ltd.
100 Main Street, P.O. Box 29070
Thunder Bay, Ontario P7B 6P9 Canada
www.empirestevedoring.com
TEL: (807) 346-5700

Federal Marine Terminals Inc. (FMT)
1000 de la Gauchetiere Street W., Suite 3500
Montreal, Quebec H3B 4W5 Canada
www.fmtcargo.com
TEL: (514) 797-1017

Federal Marine Terminals Inc. (FMT)
961 Old Thurlow Road, P.O. Box 98
Thorold, Ontario L2V 3Y7 Canada
www.fmtcargo.com
TEL: (905) 528-8741

Federal Marine Terminals Inc. (FMT)
1281 Old Thorlind Road, P.O. Box 98
Thorold, Ontario L2V 3Y7 Canada
www.fmtcargo.com
TEL: (905) 528-8741

Groupe Somavrac
3450 Gene H. Kruger Boulevard
P.O. Box 294
Three Rivers, Quebec G9A 4M3 Canada
www.groupesomavrac.com
TEL: (819) 379-3311

KK Integrated Logistics
201 S. Pearl Street
Green Bay, Wisconsin 54305 USA
www.kkil.net
TEL: (920) 432-1414

KK Integrated Logistics
1946 S. 23rd Street
Manitowoc, Wisconsin 54220 USA
www.kkil.net
TEL: (920) 682-6171

KK Integrated Logistics
3100 Wolesle Road
Milton, Wisconsin 54143 USA
www.kkil.net
TEL: (715) 732-9016

KK Integrated Logistics
962 First Street
Menominee, Michigan 49858 USA
www.kkil.net
TEL: (906) 863-7811

Lake Superior Warehousing Co. Inc.
1310 Port Terminal Drive
Duluth, Minnesota 55802 USA
www.duluthcargo.com
TEL: (218) 722-6646

Lakes & Rivers Logistics Inc.
1 N. Carmeuse Lane
Gary, Indiana 46406 USA
www.lakesandriverslogistics.com
TEL: (883) 427-9767

Logistec Corporation
5400 Whiskey Island Road
Cleveland, Ohio 44102 USA
www.logistec.com
TEL: (860) 444-1329

Logistec Corporation
1920 Marie-Victorin
Contrecoeur, Quebec J0L 1C0 Canada
www.logistec.com
TEL: (450) 587-2073

Logistec Corporation
1036 Marginal Road, Suite 208
P.O. Box 264
Halifax, Nova Scotia B3H 4N4 Canada
www.logistec.com
TEL: (902) 422-7483

Logistec Corporation
3306 County Road No. 2
Johnstown, Ontario K0E 1T1 Canada
www.logistec.com
TEL: (613) 925-2313

Logistec Corporation
600 de la Gauchetiere Street W., 14th Floor
Montreal, Quebec H3B 4L2 Canada
www.logistec.com
TEL: (514) 844-9031

Logistec Corporation
4800 John-Molson Street
Quebec City, Quebec G1X 3A4 Canada
www.logistec.com
TEL: (418) 563-9784

Logistec Corporation
400 Chemin de la Pointe-Noire
Sept-Iles, Quebec G4R 5M9 Canada
www.logistec.com
TEL: (418) 962-7638

Logistec Corporation
100 Union Avenue
Toronto, Ontario M5A 1A1 Canada
www.logistec.com
TEL: (819) 379-0811

Logistec Corporation
100 Main Street, Suite 360
Thunder Bay, Ontario P7B 6R9 Canada
www.logistec.com
TEL: (807) 346-2301

Logistec Corporation
8 Union Avenue
Toronto, Ontario M5A 1A1 Canada
www.logistec.com
TEL: (416) 462-1228

Metro Ports
115 Steel Drive
Portage, Indiana 46368 USA
www.metroports.com
TEL: (219) 734-5018

Middle River Marine & Terminals
19001 Old Lagniappe Road
Mokena, Illinois 60448 USA
www.middleriver.com
TEL: (866) 274-6302

Morterm Limited
5353 Maplewood Drive
Windsor, Ontario N9C 0B9 Canada
www.morterm.com
TEL: (519) 972-8020

Motor City Materials LLC
5850 Pardee Road
Taylor, Michigan 48180 USA
www.osburrind.com
TEL: (313) 292-4140
<table>
<thead>
<tr>
<th>Company Name</th>
<th>Address</th>
<th>City, Province</th>
<th>Phone</th>
<th>Website</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nicholson Terminal &amp; Dock Company</td>
<td>360 E. Great Lakes Street</td>
<td>Ecorse, Michigan 48229 USA</td>
<td>(313) 842-4300</td>
<td><a href="http://www.nicholson-terminal.com">www.nicholson-terminal.com</a></td>
</tr>
<tr>
<td>Ogdenburg Bridge &amp; Port Authority</td>
<td>One Bridge Plaza, Suite 102</td>
<td>Ogdenburg, New York 13668 USA</td>
<td>(315) 393-4080</td>
<td><a href="http://www.qsl.com">www.qsl.com</a></td>
</tr>
<tr>
<td>Porlier</td>
<td>21 Welland Canals Parkway</td>
<td>St. Catharines, Ontario L2M 0A8 Canada</td>
<td>(905) 529-2355</td>
<td><a href="http://www.qsl.com">www.qsl.com</a></td>
</tr>
<tr>
<td>Purvis Marine Limited</td>
<td>315 0th Avenue</td>
<td>Sept-Iles, Quebec G4R 1K9 Canada</td>
<td>(418) 962-3073</td>
<td><a href="http://www.qsl.com">www.qsl.com</a></td>
</tr>
<tr>
<td>QSL</td>
<td>112 Route 138</td>
<td>Baie-Comeau, Quebec G9H 2Y7 Canada</td>
<td>(418) 298-0281</td>
<td><a href="http://www.qsl.com">www.qsl.com</a></td>
</tr>
<tr>
<td>Quick</td>
<td>2 Clarence Street</td>
<td>Hamilton, Ontario L8H 7S3 Canada</td>
<td>(506) 522-1800</td>
<td><a href="http://www.qsl.com">www.qsl.com</a></td>
</tr>
<tr>
<td>RGL Logistics</td>
<td>1401 Salle Street</td>
<td>Green Bay, Wisconsin 54304 USA</td>
<td>(920) 638-3111</td>
<td><a href="http://www.rgllogistics.com">www.rgllogistics.com</a></td>
</tr>
<tr>
<td>Rideau Bulk Terminals Inc.</td>
<td>3006 County Road No. 2</td>
<td>Johnstown, Ontario K0J 1T1 Canada</td>
<td>(613) 925-2313</td>
<td><a href="http://www.rideaubulk.com">www.rideaubulk.com</a></td>
</tr>
<tr>
<td>Rideau Bulk Terminals Inc.</td>
<td>11610 County Road No. 2</td>
<td>Morrisburg, Ontario K0K 1T0 Canada</td>
<td>(613) 652-2503</td>
<td><a href="http://www.rideaubulk.com">www.rideaubulk.com</a></td>
</tr>
<tr>
<td>Servichem</td>
<td>6805 Herbert Boulevard</td>
<td>Sainte-Catherine, QC J5C 1B5 Canada</td>
<td>(514) 254-0526</td>
<td><a href="http://www.qsl.com">www.qsl.com</a></td>
</tr>
<tr>
<td>Termont Montreal Inc.</td>
<td>Port of Montreal, Section 68</td>
<td>Montreal, Quebec H1N 3K9 Canada</td>
<td>(630) 724-1543</td>
<td><a href="http://www.qsl.com">www.qsl.com</a></td>
</tr>
<tr>
<td>Trans-Link/Barge Terminal Transport</td>
<td>1616 Willmor Street</td>
<td>Manitowoc, Wisconsin 54220 USA</td>
<td>(920) 652-4505</td>
<td><a href="http://www.qsl.com">www.qsl.com</a></td>
</tr>
<tr>
<td>ABS Americas Division</td>
<td>1610 N. Prospect Avenue, Unit 806</td>
<td>Milwaukee, Wisconsin 53202 USA</td>
<td>(708) 903-6289</td>
<td><a href="http://www.abs.com">www.abs.com</a></td>
</tr>
<tr>
<td>ABS Americas Division</td>
<td>2234 Wisconsin Avenue</td>
<td>Daveners Grove, Illinois 60515 USA</td>
<td>(814) 838-1543</td>
<td><a href="http://www.abs.com">www.abs.com</a></td>
</tr>
<tr>
<td>ABS Americas Division</td>
<td>20325 Center Ridge Road, Suite 610</td>
<td>Rocky River, Ohio 44116 USA</td>
<td>(440) 895-8900</td>
<td><a href="http://www.abs.com">www.abs.com</a></td>
</tr>
<tr>
<td>ABS Americas Division</td>
<td>2700 W. 21st Street, Suite 5</td>
<td>Erie, Pennsylvania 16506 USA</td>
<td>(814) 838-1848</td>
<td><a href="http://www.abs.com">www.abs.com</a></td>
</tr>
<tr>
<td>ABS Americas Division</td>
<td>2503 N. First Avenue</td>
<td>Sturgeon Bay, Wisconsin 54235 USA</td>
<td>(920) 743-9271</td>
<td><a href="http://www.abs.com">www.abs.com</a></td>
</tr>
<tr>
<td>ABS Americas Division</td>
<td>2824 1/2 N. Summit Street</td>
<td>Toledo, Ohio 43611 USA</td>
<td>(419) 729-5225</td>
<td><a href="http://www.abs.com">www.abs.com</a></td>
</tr>
<tr>
<td>Baxter Marine Services Inc.</td>
<td>19666 Airport Road</td>
<td>Cleveland, Ontario L7K 0A3 Canada</td>
<td>(416) 254-9057</td>
<td><a href="http://www.baxter-marine-services.com">www.baxter-marine-services.com</a></td>
</tr>
<tr>
<td>Bay Engineering Inc.</td>
<td>253 N. First Avenue</td>
<td>Sturgeon Bay, Wisconsin 54235 USA</td>
<td>(920) 743-8282</td>
<td><a href="http://www.qsl.com">www.qsl.com</a></td>
</tr>
</tbody>
</table>

**NEW**

- **KP5**
  - Pneumatic
  - Light weight - only 6 lbs
  - Full 3/4 horsepower
  - Adjustable Depth Settings
  - Patented cutting teeth bite right through tough accumulations on any hard surface. On decks, walls, or ship hulls. In tanks, pipelines or boilers, producing results like sandblasting. Visit us at www.aurand.net for complete information on our line of pneumatic and electric surface preparation tools.

- **MP6**
  - Pneumatic
  - 2-1/2 horsepower
  - Weight 24 lbs
  - Adjustable Depth Settings

**Choice Ballast Solutions**

- Developing Solutions for Complex Maritime Challenges
- vessel design
- construction
- conversion
- modification
- retrofit
- newbuilds
- project management

- Watershed for Marine Projects
- Expertise in the Marine Industry
- Nationwide Coverage

**Contact**

- **Aurand**
  - Phone: 800-860-2872
  - Email: Sales@aurand.net
  - Web: www.aurand.net

- **Netsco**
  - Phone: 513-541-3065
  - Email: info@netsco.us
  - Web: www.netsco.us

- **ABS Americas Division**
  - Phone: (708) 903-6289
  - Email: info@choiceballast.com
  - Web: www.choiceballast.com
Ocean Group
105 Abraham-Martin, Suite 500
Quebec, Quebec G1K 5W1 Canada
www.groupocean.com
TEL: (418) 694-1414

Port City Marine Services
560 Main Street
Muskegon, Michigan 49440 USA
www.portcitymarine.com
TEL: (231) 722-6691

Purvis Marine Ltd.
1 Pim Street
Sault Ste. Marie, Ontario P6A 3G3 Canada
www.purvismarine.com
TEL: (705) 253-3038

Ryba Marine Construction Co.
629 N. Main Street, P.O. Box 263
Cheboygan, Michigan 49721 USA
www.rybamarine.com
TEL: (231) 627-4333

Sarter Marine Towing Company, Inc.
P.O. Box 645
Sturgeon Bay, Wisconsin 54235 USA
www.sartermarinetowing.com
TEL: (920) 743-6016

St. James Marine Co./Fogg Towing & Marine
P.O. Box 86
Charlevoix, Michigan 49720 USA
www.stjamesmarine.com
TEL: (231) 448-4000

Thunder Bay Tug Services Ltd.
100 Main Street, Suite 600
Thunder Bay, Ontario P7B 6R9 Canada
TEL: (807) 344-9221

Toronto Tug & Transport
600 Queen’s Quay W., Suite 103
Toronto, Ontario M5V 3M3 Canada
www.torontotugandtransport.com
TEL: (416) 364-3244

VanEnkevort Tug & Barge Inc.
P.O. Box 497
Escanaba, Michigan 49829 USA
www.vtbarge.com
TEL: (906) 786-1717

TRANSPORT CANADA

Transport Canada - Montreal
305 René Levesque Boulevard W.
Montreal, Quebec H2Z 1X1 Canada
www.tc.gc.ca
TEL: (855) 842-7042

Transport Canada - Quebec
1550 D’Egmont Avenue, Suite 401
Quebec City, Quebec G1J 0C8 Canada
www.tc.gc.ca
TEL: (418) 648-4166

Transport Canada - Sarnia
100 Front Street S.
Sarnia, Ontario N7T 2M4 Canada
www.tc.gc.ca
TEL: (519) 383-1826

Transport Canada - Sept Iles
701 Laume Boulevard, Office 205
P.O. Box 504
Sept-Iles, Quebec G4R 4K7 Canada
www.tc.gc.ca
TEL: (418) 968-4991

Transport Canada - St. Catharines
32 Church Street, Suite C
St. Catharines, Ontario L2R 3B6 Canada
www.tc.gc.ca
TEL: (905) 688-4360

Transport Canada - Thunder Bay
201 May Street N., Suite 202
Thunder Bay, Ontario P7C 3P4 Canada
www.tc.gc.ca
TEL: (807) 766-2000

Transport Canada - Toronto
4900 Yonge Street, Suite 400
North York, Ontario M2N 6A5 Canada
www.tc.gc.ca
TEL: (416) 952-1018

U.S. ARMY CORPS OF ENGINEERS

U.S. Army Corps of Engineers - Buffalo District
1776 Niagara Street
Buffalo, New York 14207 USA
www.lrb.usace.army.mil
TEL: (800) 833-6360

U.S. Army Corps of Engineers - Chicago District
231 S. LaSalle Street, Suite 1500
Chicago, Illinois 60604 USA
www.lrc.usace.army.mil
TEL: (312) 846-5330

U.S. Army Corps of Engineers - Cleveland District
1035 E. Ninth Street
Cleveland, Ohio 44114 USA
www.usace.army.mil
TEL: (216) 685-1200

U.S. Army Corps of Engineers - Detroit District
477 Michigan Avenue
Detroit, Michigan 48226 USA
www.lre.usace.army.mil
TEL: (888) 694-8313

U.S. Army Corps of Engineers - Duluth Area Office
600 Lake Avenue S.
Duluth, Minnesota 55802 USA
www.lre.usace.army.mil
TEL: (218) 720-5260

U.S. Army Corps of Engineers - Grand Haven Area Office
312 W. Portage Avenue
Sault Ste. Marie, Michigan 49783 USA
www.lre.usace.army.mil
TEL: (906) 632-3311

U.S. Army Corps of Engineers - Great Lakes & Ohio River Division
530 Main Street, Room 10-714
Cincinnati, Ohio 45202 USA
www.lre.usace.army.mil
TEL: (513) 684-3010

U.S. Army Corps of Engineers - New York District
26 Federal Plaza, Room 17-302
New York, New York 10027 USA
www.lre.usace.army.mil
TEL: (917) 790-8007

U.S. Army Corps of Engineers - St. Paul District
180 Fifth Street E., Suite 700
St. Paul, Minnesota 55101 USA
www.lre.usace.army.mil
TEL: (651) 290-5807

U.S. Army Corps of Engineers - Washington, DC
441 G Street, N.W.
Washington, DC 20314 USA
www.usace.army.mil
TEL: (202) 761-0011

Proudly Serving Illinois and Northwest Indiana

At Altorfer CAT, we offer a world-class product line of high-speed and medium-speed marine engines for commercial, ocean-going and pleasure craft marine power systems applications. This allows us to offer power solutions for the output range of 11 kW - 16,000 kW, main propulsion, and onboard power supply, including emergency generator sets, single or multi-engine plants and complete propulsion systems.

Caterpillar® is the marine industry’s leading provider of medium and high-speed diesel propulsion, generator sets and auxiliary engines. Manufacturing both the Cat and MaK brands for marine engines, Caterpillar Marine Power Systems serve three key markets:

- **PLEASURE CRAFT**: Production Yachts, Mega Yachts and Sport Fishing Boats
- **COMMERCIAL**: Workboats, Commercial Fishing Boats, Offshore Supply Vessels and Governmental Vessels
- **OCEAN-GOING**: Container Vessels, Tankers, Ferries and Cruise Ships

Call 866-DEMO-CAT to get started today!
About Us

The C. Reiss Company has been serving the industry since 1880, when Clemens A. Reiss set up a coal business at a dock on the shores of Lake Michigan in Sheboygan, Wisconsin. From those modest beginnings, the C. Reiss Company has grown to be a major supplier and handler of bulk materials in the upper Midwest and one of the largest bulk dock operators on the Great Lakes.

While bulk commodities are a part of C. Reiss core business, C. Reiss is interested in handling a variety of other materials such as steel, scrap, grain, fertilizer and more. C. Reiss seeks to accommodate all materials, orders, and opportunities.

Our Advantage

- Over 140 years of continuous operation, founded in Sheboygan, WI in 1880.
- Six active C. Reiss owned terminal locations in Duluth, MN, Escanaba, MI, Sault St. Marie, Michigan and Green Bay, WI.
- C. Reiss also markets bulk materials across third party docks in MI & WI.
- Over 2.5 MM tons of bulk materials handled annually including coal, limestone, petroleum coke, salt, carbon anodes and tire derived fuel (TDF).
- C. Reiss terminal locations are available for all third party handling opportunities. C. Reiss is not just a coal, salt, or other bulk commodity handling facility.
- Terminals are intermodal with vessel, rail and truck access and certified truck scales at every location.

Thank You

TO OUR ADVERTISERS

Altierf CAT ................................................................. 63
American Maritime Officers ........................................ 1
Aurand Manufacturing ................................................ 61
Barnhart Crane .......................................................... 44
Baxter Marine Services ............................................... 56
C. Reiss Company ....................................................... 64
Calumet River Fleeting ............................................... 59
Calumet River Fleeting - Chicago Dry Dock .................... 46
Canfornav, Inc. ............................................................ Back cover
Central Machine & Marine .......................................... 60
Centre for Marine Training, Georgian College ................. 54
Chamber of Marine Commerce .................................... 15
Cleveland-Cuyahoga County Port Authority ...................... 24
Donjon Shipbuilding & Repair ..................................... 59
Doornekamp Lines ....................................................... 48
Duluth Seaway Port Authority ...................................... 10
EMS-Tech ................................................................. 42
Erie-Western Pennsylvania Port Authority ....................... 51
Fabick Cat ................................................................. 53
Fincantieri Bay Shipbuilding ......................................... 34
Foster Swift Collins & Smith PC ..................................... 26
Geo. Gradel Co. .......................................................... 62
Goderich Port Management Corporation ......................... 38
Great Lakes Maritime Academy .................................... 55
Groupe Desgagnes Inc. ................................................ 18
Hoffman & Harpst Co. .................................................... 54
ILA - Great Lakes District Council .................................. 50
Illinois International Port District .................................. 44
Interlake Steamship Company ....................................... 20
Ironhead Marine ........................................................ 57
Marine Systems, Inc. - Houston ..................................... 2
McAsphalt Marine Transportation .................................. 48
Midwest Energy Resources Company .............................. 46
NETSCO, Inc. ............................................................. 61
Port Milwaukee .......................................................... 36
Port of Buffalo at Gateway Trade Center ........................ 56
Port of Johnstown ......................................................... 55
Port of Monroe ............................................................ 32
Ports of Indiana .......................................................... Inside front cover
R.M. Young Company ................................................ 53
Sea School of Toledo ................................................... 54
Soo Marine Supply ....................................................... 56
Spletthoff-Great Lakes .................................................. 34
St. Lawrence Seaway Management Corp ......................... Inside back cover
T & T Marine Salvage, Inc ........................................... 62
The Great Lakes Group ............................................... 42
Toronto Tug & Transport .............................................. 51
Turbo Experts .............................................................. 60
U.S. Great Lakes Shipping Association.......................... 56
VanEnkervort Tug & Barge .......................................... 24
W & O Supply .............................................................. 54
Wagenborg Shipping North America .............................. 36
Warner Petroleum Corporation ..................................... 28
World Shipping ............................................................ 38
Wen Works LLC .......................................................... 57
Ziegler Power Systems .................................................. 46
The Great Lakes & St. Lawrence Seaway System

SHIP WITH US TODAY

SIMPLE. COMPETITIVE. CONNECTED.

DIRECT ACCESS INTO ALL OF NORTH AMERICA
TRADING IN OVER 50 GLOBAL MARKETS
BULK, BREAK BULK, LIQUID & SPECIAL CARGO
SEAMLESS SUPPLY CHAIN WITH A CONNECTED NETWORK

EUROPE TO U.S. MID-WEST

5+ DAYS FASTER

U.S. MID-WEST TO NORTH AFRICA

SHIP WITH US TODAY

CALL HWY H₂O  1-905-641-0309

LET'S CONNECT: HWYH20@SEAWAY.CA @HWYH20 WWW.HWYH20.COM
Canfornav Inc.
A member of the Canadian Forest Navigation Group

Navigating the Globe

www.canfornav.com  Tel: (514) 284-9193  Fax: (514) 499-1030
Chartering Dept: chartering@canfornav.com  Operations Dept: operations@canfornav.com
800 René-Lévesque Blvd. West, Suite 2300, Montreal, Quebec, Canada, H3B 1X9