

2014  
**SHIPYARD SERVICES**  
GREAT LAKES SHIPYARD





An aerial photograph of a large industrial and maritime facility. In the upper right, a marina is filled with numerous white sailboats docked at piers. A large red and white ship is docked nearby. To the left, a long, low industrial building with a grey roof sits on the edge of a body of water. In the center, a large, flat, brownish area, possibly a dry-dock or construction site, is visible. To the right of this area, there are several long, narrow structures, possibly storage racks or conveyor systems. In the lower right, a large blue crane is positioned on a paved area. In the lower left, a curved road with yellow and black diagonal markings is visible. The overall scene is a mix of maritime activity and industrial operations.

***BUILDING OUR REPUTATION  
FOR MORE THAN A CENTURY...  
NEW BUILD BY NEW BUILD,  
REPAIR BY REPAIR.***





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# SHIPYARD OVERVIEW

Great Lakes Shipyard is a full-service shipyard for new vessel and barge construction, fabrication, maintenance, and repairs in a state-of-the-art facility that includes a 770-ton mobile Travelift and a 300-ton floating drydock. The newly constructed shipyard facility is located in the Old River Channel on the Cuyahoga River in Cleveland, Ohio with a water front of approximately 2,000 lineal feet. An additional 3,800 lineal feet of water front is available on the Cuyahoga River proximate to the Shipyard.

The Shipyard specializes in every kind of marine construction, fabrications, conversions, refits, and repairs for all types of commercial and government vessels, tugs, supply boats, ferries, barges, “truckable” barges, excursion vessels, dinner boats, research vessels, and large yachts, as well as both on-site and off-site topside work of every kind. The major competitive edge of Great Lakes Shipyard is the prompt, high quality, and cost effective products and services. As important though, we understand our customers’ expectations and provide the same level of workmanship that we would expect ourselves as owners and operators of a fleet of vessels.









# *WINTER LAYUP WORK*



# *5-YEAR REGULATORY SURVEYS & INSPECTIONS*





# DRYDOCKING



# ELECTRONICS & NAVIGATION SYSTEMS





# ***BLASTING & PAINTING***



# ***CONVERSIONS, REPOWERING & REFITS***





# *MOBILE REPAIRS*



# *24/7/365 EMERGENCY REPAIRS*





# AFFILIATIONS



## **ROLLS-ROYCE MARINE NORTH AMERICA**

When Rolls-Royce was looking for a strategic partner to establish a new service center for the Great Lakes, Great Lakes Shipyard was the clear choice. Great Lakes Shipyard is the one-stop-shop facility for all types of commercial and government vessels.

Rolls-Royce's manufactures and sells propulsion systems, deck machinery, electrical systems and controls, diesel engines, and gas turbines worldwide, for the commercial marine industry and the government. The Great Lakes Shipyard's Rolls Royce Service Center and facilities serve vessels operating on the Great Lakes and the St. Lawrence Seaway. Rolls-Royce Service Technicians are employed on-site and are co-located with Shipyard personnel in the main fabrication and service shop.





## ***WATER WITCH***

Great Lakes Shipyard is the exclusive North American manufacturer of Water Witch Marine Clean-Up Vessels. The Water Witch has proven to be a highly effective specialized debris collection vessel in the fight against marine debris, offering a safe and reliable clean-up system. The boat has the ability to pick up all types and sizes of floating and submerged debris and also tackles other waterway management issues such as removing invasive aquatic vegetation. With a large capacity general purpose loader, this craft can scoop up many tons of trash and debris a day and has been at the forefront of marine clean-up programs throughout the world.



# NEW CONSTRUCTION





Experienced in small to medium size ocean-going, lake and river vessel and barge construction, the Shipyard can meet the most challenging design and construction requirements in a timely and effective manner. We build a variety of top quality vessels in steel and aluminum and lead in innovative marine technologies. We can build to a customer's plans or can provide a custom design.

### ***TUGBOATS & WORKBOATS***

- Jensen Series
- HandySize Tugz
- Truckable Workboats
- Fire-Fighting Boats
- Water Witch

### ***BARGES***

- HandySize Barges
- Truckable

### ***CUSTOM FABRICATION PROJECTS***

- Breakwaters
- Cranes
- Delivery (via Towing & Barge Services)
- Feed Hoppers
- Floating Platforms: Bathrooms, Work, etc.
- Folding Stairs
- Gangways: Bowed Truss, Stage and Straight Truss
- Loading and Unloading Arms and Racks
- Marine Ladders
- Oversized Weldments and Fabrication
- Platforms: Access, Elevating, Loading, Work, etc.
- Portable Terminals and Platforms
- Safety Cages
- Silos
- Storage Containers and Systems
- Structures: Pipe Racks, Canopies, Stair Towers, etc.
- Tanks: Fuel, Slurry, Etc.
- Trailers



# WORKBOATS & TUGS



## JENSEN SERIES THE COLLECTION

Jensen Maritime Consultants and Great Lakes Shipyard bring together the industry's leading innovators to provide an unmatched partnership team. This partnership has developed a fleet of workboats that cover the full range of products to meet your exact needs.



**LEARN MORE**  
[www.greatlakesgroup.com/jensen](http://www.greatlakesgroup.com/jensen)





## **HANDYSIZE**

### ***WORKBOATS THAT PAY FOR THEMSELVES. AGAIN. AGAIN. AND AGAIN.***

We will work closely with you to design the perfect workboat solution to match your specific application. Or, maybe one of our standard models will meet your needs. These tough workboats can be delivered in single or twin-screw models, on time anywhere you need them.



# WORKBOATS



## ***TRUCKABLE***

Our “truckable” workboats are ideal for inland lakes and remote locations. The “truckable” units can be of simple design or quite complex ranging from passenger - truck ferries to rail pontoons and crane and spud barges. Great Lakes Shipyard also produces both a single-screw and twin-screw truckable work boat with push knees and collapsible pilothouse.





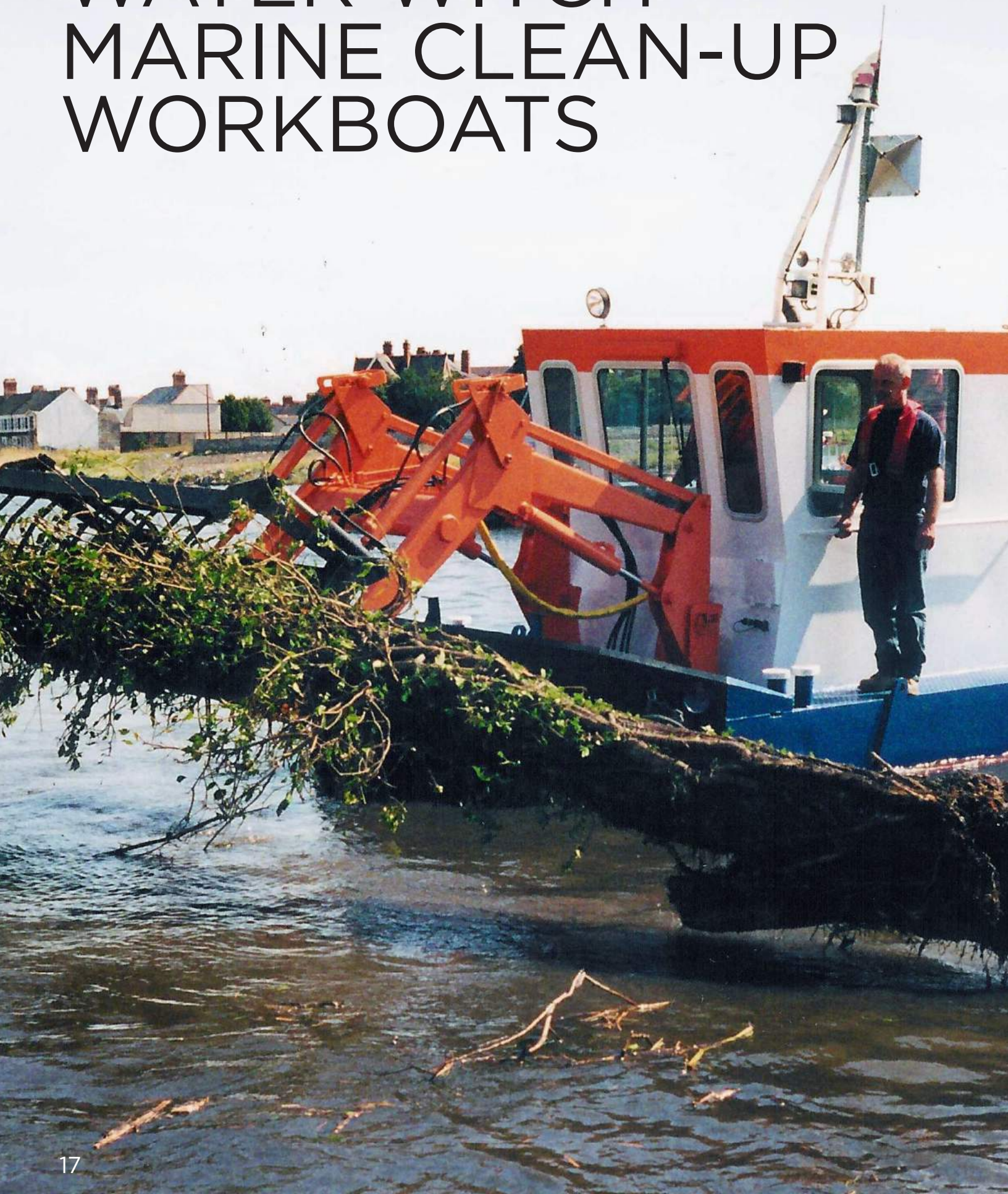
## ***CUSTOMIZE YOUR WORKBOAT WITH FIRE-FIGHTING FEATURES***

Our vessels can be customized specifically for fire-fighting missions, while still having the operational versatility to be used in other settings, making them ideal for smaller organizations with limited budgets. Features specific to fire and rescue missions can be customized for any vessel as you need them:

- Fire Suppression Engine & Pumps
- Through-hull Water Pick Ups & Sea Chests
- Monitors
- Foam Suppression
- De-watering Capability
- Hand line Connections
- Hydraulic Drop Bows & Transoms
- Stokes Litter & Patient Benches
- Widened Doorways & Passageways
- Winches
- Specialized Sonar Equipment
- Temperature-controlled Cabins
- Personnel Recovery Cut-outs



# WATER WITCH MARINE CLEAN-UP WORKBOATS





Great Lakes Shipyard is the exclusive North American manufacturer of Water Witch Marine Clean-Up Vessels. Our specialized debris collection workboats can be built to your exact requirements and will deliver reliable and proven performance, combined with low maintenance costs and multi-task applications.

### ***WATER WITCH WORKBOATS***

Featuring general purpose front end loader with maximum 1 tonne lift capacity. A wide range of attachments and equipment is available, enabling; debris and litter removal and collection, aquatic weed harvesting, oil spill response and dredging duties.

### ***SKIP BARGES***

Available in a wide range of sizes and designs, these high capacity barges provide a flexible, efficient solution for the transportation of recovered debris, utilizing removable skips to suit local waste transfer facilities.

### ***BUDDY CATAMARANS***

Lightweight aluminum catamaran powered by an outboard engine. Specially designed for marinas and inland waterways. Range of interchangeable pods for litter collection and other duties. Maximum efficiency at minimum cost.

### ***AUBS: ALUMINUM UTILITY BOATS***

'Go anywhere, do anything' - an all-purpose, lightweight, robust utility boat for commercial or leisure use, constructed from 4mm marine-grade aluminum.

### ***MODULAR FLOATING PONTOONS***

Water Witch can offer a wide variety of self propelled aluminum pontoons to provide the ultimate work platform - strong, durable and easy to maintain.



# BARGES



## **HANDYSIZE**

### ***BUILT FOR A LIFETIME, NOT JUST A JOB.***

The Great Lakes Shipyard staff will work closely with you to deliver the perfect solution to meet your specific needs. Whether it's a simple or a complex design, our experienced engineers, construction team and ABS certified welders will deliver it on time. Our state-of-the-art Great Lakes Shipyard facility is delivering a full line of Handy Size workboats and barges to meet the needs of the marine industry. These tough barges come standard or custom designed to fit your specific application and can be delivered anywhere in the world. Whether it's a Deck Barge, Hopper Barge, or any custom barge, we have the perfect HandySize model that can be delivered anywhere, when you need it.





## ***TRUCKABLE***

### ***TRUCKABLE BARGES BUILT FOR TOUGH WORKING ENVIRONMENTS***

We can design and build your floating equipment at a competitive price. And, we will deliver it anywhere, on time. Whether you require a deck barge, hopper barge, or a custom designed work platform, our design engineers and experienced construction crews will build the highest quality equipment you can buy, that will stand the test of time. Great Lakes Shipyard has a long history of new construction, marine fabrication and vessel repair, serving the needs of government and commercial marine industry. Floating docks, tanks, ferries, pontoons, modules, and much more. Our engineers will personally work with you to design, build and equip a truckable unit to fit your working environment. Then, we will deliver it anywhere in the world - on time and on budget.



# CUSTOM FABRICATION PROJECTS



**LEARN MORE**  
[www.greatlakesgroup.com/fabrication](http://www.greatlakesgroup.com/fabrication)



## ***CAPABILITIES***

We offer a wide range of fabrication capabilities for steel, stainless and aluminum materials for commercial and government projects.

- Burning
- Bending
- Cutting
- Drilling
- Machining
- Non-Destructive Testing & Inspection
- Painting
- Punching
- Rolling
- Sandblasting
- Sawing
- Shearing
- Welding: MIG/GMAW, TIG/GTAW, SMAW, SAW, FCAW
- Outside Machining

## ***CUSTOM FABRICATION PRODUCTS & SERVICES***

We can engineer, design, construct, assemble and install any custom project you need.

- Breakwaters
- Cranes
- Delivery (via Towing & Barge Services)
- Feed Hoppers
- Floating Platforms: Bathrooms, Work, etc.
- Folding Stairs
- Gangways: Bowed Truss, Stage and Straight Truss
- Loading and Unloading Arms and Racks
- Marine Ladders
- Oversized Weldments and Fabrication
- Platforms: Access, Elevating, Loading, Work, etc.
- Portable Terminals and Platforms
- Safety Cages
- Silos
- Storage Containers and Systems
- Structures: Pipe Racks, Canopies, Stair Towers, etc.
- Tanks: Fuel, Slurry, Etc.
- Trailers

## ***HIGHLY SKILLED CRAFTSMEN***

We employ highly qualified industrial welders and fabricators certified by ABS in a wide variety of different alloys and materials. With such long-term stability in our skilled workforce, the efficiency and quality of our fabrication services are second to none.



# FACTILITIES & EQUIPMENT

The image shows two red Skyjack boom lifts at a construction site. The lift in the foreground is a 4x4 model with a black boom and a red platform. The boom is extended upwards and to the right. The platform is a red basket with a railing, and the text 'SKYJACK' and 'SJ45T BOOM' is visible on it. The background features a city skyline with several tall buildings under a blue sky with light clouds. The ground is a construction site with various materials and equipment.

## ***WORLD-CLASS FACILITIES***

- ***7.26 ACRE PROPERTY***
- ***10,900 SQUARE FOOT CLIMATE-CONTROLLED FABRICATION BUILDING***
- ***10,500 SQUARE FOOT ASSEMBLY HALL***
- ***5,800 LINEAL FEET DOCKAGE***





- ***770-TON MOBILE TRAVELIFT***
- ***300-TON FLOATING DRYDOCK***
- ***SHORE POWER, WATER AND AIR ALONG DOCK FACE***
- ***SECURE FACILITY COVERED BY SECURITY CAMERAS***



# FACILITIES & EQUIPMENT



## ***START-OF-THE-ART EQUIPMENT***

- Doosan P425 Portable Diesel Compressor Dual Pressure
- Ingersoll Rand 185 Portable Diesel Compressor
- Ford F-550 Supercab & Winston 12.5 Ton Tandem Trailer
- Kalmar DCE-150-12 Heavy Duty 32,000 lbs Straight Mast Forklift Truck
- Koike-Aronson Plate Pro Extreme 3100 Plasma & Oxy/Fuel Cutting Table
- Manitex 35100C 35 Ton 105' Boomlift Truck
- JLG 86' Telescopic Manlift
- Skyjack SJ7127 26' Scissorlifts (2)
- Skyjack SJ45T 45' Telescopic Manlift
- Skyjack SJ66T 66' Telescopic Manlift





- Skytrack 8042 Telescopic Material Handler 8,000 lbs Lift Capacity
- Skytrack 6036 Telescopic Material Handler 6,000 lbs Lift Capacity
- 6K lbs Straight Mast Forklift
- Terex 80-ton Rough Terrain Crane
- Terex AL5 Portable Light Towers (2)
- 10 Ton Overhead Crane in Fabrication Building
- Electric & Diesel Powered Welding Equipment
- MIG, TIG, & Stick Welding Equipment for Carbon Steel, Stainless Steel & Aluminum



# FABRICATION BUILDING





**10,900 SQUARE FOOT  
CLIMATE-CONTROLLED**

**10 ton**



# ASSEMBLY HALL

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**10,500 SQUARE FOOT**





# MARINE TRAVELIFT

GRE  
EST. 1899

GREAT LAKES

7  
87.5 MT

5  
87.5 MT





GREAT LAKES SHIPYARD  
THE GREAT LAKES GROUP

770-TON

SHIPYARD

87.5 MT



# MARINE TRAVELIFT

Great Lakes Shipyard's new 770-ton (or 700 metric tons) Travelift was manufactured by the world-renowned Marine Travelift, Inc. of Sturgeon Bay, Wisconsin. So well known is the manufacturer's brand name that any mobile vessel hoist, no matter the manufacturer, is, by common usage in the industry, referred to as a "Travelift." It is the largest on the Great Lakes in the United States and Canada, second largest in the Western Hemisphere (The largest is in Norfolk, Virginia), and third largest in the world (The 1st is in Norfolk, Virginia, and the 2nd is in Singapore). The Travelift was dedicated on July 29, 2011, and the principal speaker was The Honorable John D. Porcari, Deputy Secretary of Transportation with the U.S. Department of Transportation. The sponsor was Rebecca N. Starck, MD, Chair, Regional Obstetrics and Gynecology of the Cleveland Clinic.

Our Travelift allows simultaneous new construction and/or repair of multiple boats and barges to permit the expansion of the Shipyard's vessel repair and marina service capabilities. The Hoist

will also set the stage for our participation in intermodal logistics support on the "Marine Highways," in the near and offshore wind industries, as well as in the design and construction of wind platforms and operations and maintenance support of offshore wind projects. The new Travelift can accommodate the simultaneous repair and construction of 10 or more vessels including US Coast Guard, US Geological Survey, and other government vessels, tugs, barges, ferries, workboats, dinner boats, yachts, and an entire array of "truckable" barges and platforms of every sort. It allows for rapid emergency response for repairs and timely return to service and also permits longer term projects to remain "drydocked" on land. The Travelift adds a new dimension to the capabilities of the Port of Cleveland.

The name "AMERICA" was selected to commemorate a Company tugboat of the same name which was acquired in 1899 at our founding. Built in 1897, the tug AMERICA proved to be a true breakthrough in the development



of modern steel-hulled tugs on the Great Lakes. The AMERICA revolutionized the role of tugs in ship handling and was the symbol of a giant step in design and construction. She was named AMERICA reflecting the deep pride of the owners, and “as a symbol of their country’s growing technological role on the world scene.” (Excerpted from a 1997 article “Happy Birthday America 1897-1997” by Alexander C. Meakin) Perhaps as interesting, is that the original tug AMERICA has been, over the years, rebuilt, repowered, renamed; and rebuilt, repowered and renamed again “WISCONSIN”. It continues to operate with distinction as a fleet tug engaged in harbor assistance in Great Lakes ports some 115 years later.

As we now expand our marine transportation, construction-repair and marine logistics business for the future, we take deep pride in our new acquisition which will improve productivity, competitiveness, and create sustainable jobs. Not unlike the high hopes of our Company’s management in 1897, we hope

that the Travelift “AMERICA” will stand “as a symbol of the country’s commitment to revitalize its shipyard industry and manufacturing base for the economy and its national defense.”



# FLOATING DRYDOCK





**300-TON**





# LOYALTY & REWARDS



In effort to continually improve the level of quality of our products and services, we launched a new Loyalty & Rewards Program on January 1, 2014 that allows your company to earn loyalty points for every dollar spent on towing and shipyard services. These loyalty points can be redeemed for credits and discounts on scheduled Shipyard work.





***THE NEW LOYALTY & REWARDS PROGRAM IS:***

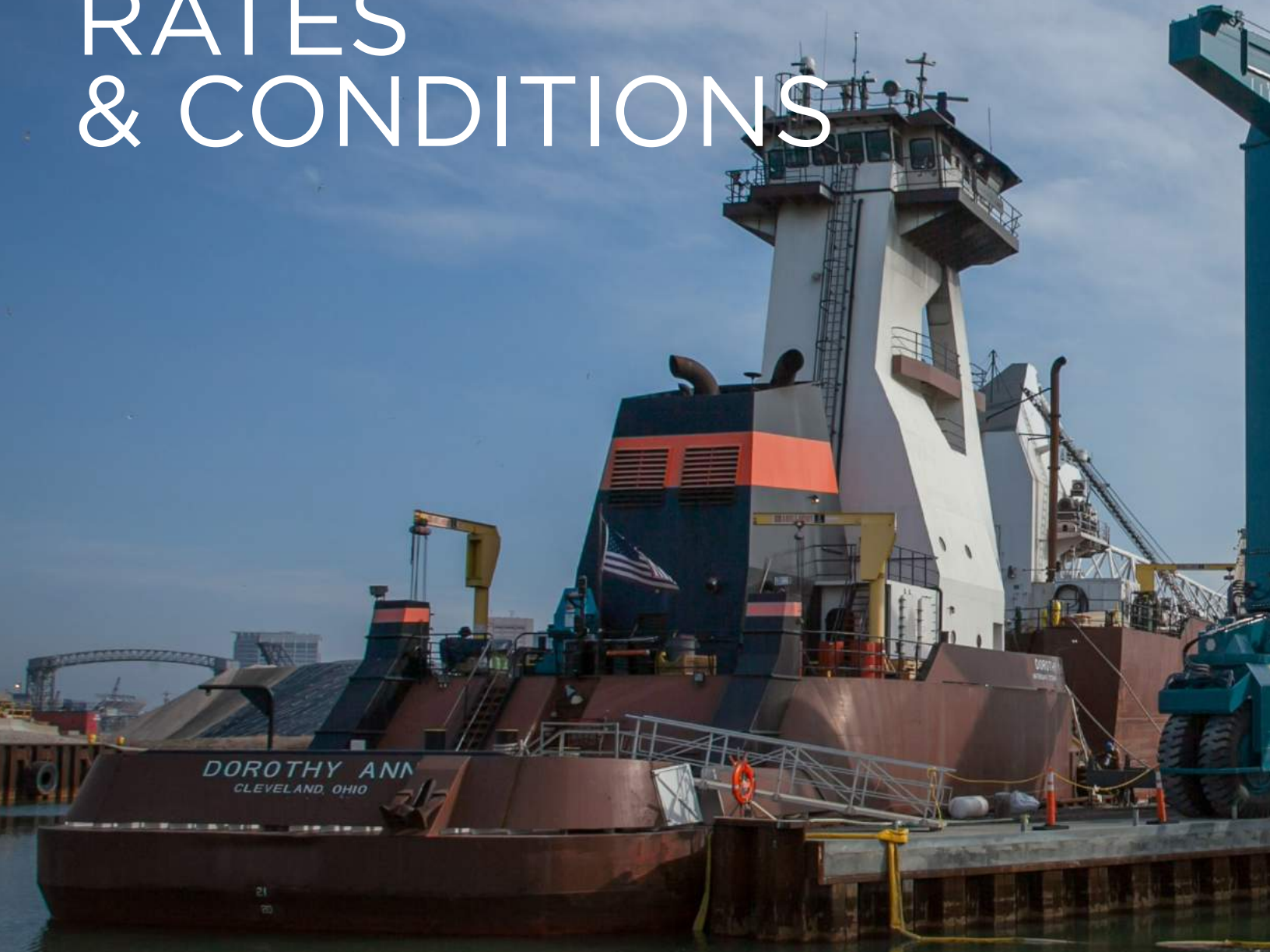
- **Convenient:** Automatic enrollment through your Full-Service Lakes-Wide Harbor Assist and Towing Contract
- **Cost Effective:** Bundling towing and shipyard services saves money
- **24/7/365:** Access to towing and shipyard services



**LEARN MORE**  
[www.greatlakesgroup.com/rewards](http://www.greatlakesgroup.com/rewards)



# RATES & CONDITIONS



There is a choice of shipyards; however, there are substantial additional benefits and operational savings that can be realized when using Great Lakes Shipyard's services. Caution must be exercised in making any simplistic comparison of quoted rates between Great Lakes Shipyard and its competitors since rates alone are not a true reflection of actual "bottom-line" costs for services.





The Shipyard offers comprehensive services with readily available “round-the-clock” crews, with back-up capabilities. The Company’s record of timely performance and safety is unmatched in the industry, and this saves customers substantial time and money. The Company is dedicated to offering the best shipyard services at the lowest possible cost.



**LEARN MORE**  
[www.greatlakesgroup.com/shipyard](http://www.greatlakesgroup.com/shipyard)



EMH 10 ton

# BUILT TO LAST





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**CONTACT US TO SCHEDULE A CONSULTATION APPOINTMENT  
AND QUOTE YOUR YOUR NEW CONSTRUCTION OR REPAIR PROJECT.**

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If you can dream it, we can build it. Together, we bring your vision to life by following a comprehensive process that ensures your project is customized to fit your needs and is built to exceed your expectations.

**DISCOVER**



Together, we gain an understanding of your challenge and reveal potential solutions.

**CUSTOMIZE**



Based on your vision, we customize the solution to achieve your goals and objectives.

**INNOVATE**



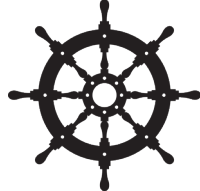
With our engineering and design teams, we develop an innovative plan to bring your vision to life.

**BUILD**



Our craftsmen construct, assemble and install your project.

**QUALITY ASSURANCE**



Ensuring flawless execution, our quality assurance teams evaluate your project.

**ROI OPTIMIZATION**



We meet as a team to assess the project and ensure your expectations are exceeded.

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**VISIT US**

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**GREAT LAKES SHIPYARD**  
AN AFFILIATE OF THE GREAT LAKES GROUP