### SHIPYARD ORDER BOOK GREAT LAKES SHIPYARD MARCH 2016



### TUG CONSTRUCTION

There is

1

10 ton



be andySize class tug to be built for Regimen de Pensiones y blaciones del Personal de la Empresa Portuaria, Puerto Quetzal

#### PUERTO QUETZAL, GUATEMALA HANDYSIZE TUG

Great Lakes Shipyard celebrated the signing of a construction contract to build another of its HandySize Class, 3,400 HP twin-screw tugboat for harbor towing operations in Puerto Quetzal. The buyer, Regimen de Pensiones y Jubilaciones del Personal de la Empresa Portuaria, is a Pension Benefits Plan for Port employees and retirees who operate a commercial tugboat service in the port under a Port Authority franchise for the purpose of ensuring future retirement benefits. The new tug will be built by Great Lakes Shipyard with delivery next year. It is specifically designed for harbor work and coastal towing. It is 74-feet long with a beam of 30 feet, and a design draft of 11.5 feet. It is to be built to American Bureau of Shipping (ABS) standards and its Cummins QSK-50 main diesel propulsion engines, each rated at 1700 BHP@ 1600 rpm meet US EPA Tier III emission regulations delivering superior fuel economy, durability, and reliability.



#### **NEW YORK POWER AUTHORITY TUGS**

Great Lakes Shipyard has been contracted by New York Power Authority (NYPA) to build and deliver two (2) new tugboats for the Niagara Power Plant's winter operations in Buffalo, NY. The new tugs will augment and replace aging vessels that are used for the installation, removal, and maintenance of the Lake Erie-Niagara River Ice Boom and various associated marine construction projects. The new tugs will be specially reinforced with heavy stems and shell reinforcement for operations in seasonal ice. The design of the conventional drive tugs includes elevated pilothouses for improved visibility when maneuvering, as well as a spacious work deck aft to facilitate ice boom connections. The tugs are designed to comply with proposed Subchapter M of Title 46 of the Code of Federal Regulations for inspected towing vessels. Delivery of the first tug is scheduled for September 2015.



#### SEACOR TUG ATLAS

Great Lakes Shipyard completed and delivered the tug ATLAS to SEACOR Holdings Inc., which is now operating in Port Arthur, Texas. Jensen Maritime Consultant, Inc. of Seattle, Washington designed the tug to the highest standards of the American Bureau of Shipping. The 92-foot, 4,640HP, FIFI 1, 60-ton bollard pull ASD tugboat is purpose-built for ship assist, escort, and advanced firefighting services in a refinery setting.



#### E. N. BISSO & SON TUG AURA

Great Lakes Shipyard completed and delivered the tug AURA. The tug was sold to E. N. Bisso & Son for operation in New Orleans, Louisiana. The tugboat was designed to the highest standards of the American Bureau of Shipping. It is a 92-foot, 4,640HP, FIFI 1, 60ton bollard pull ASD tugboat and was purpose-built for ship assist, escort, and advanced firefighting services in a refinery setting.



#### PUERTO RICO TOWING & BARGE CO. TUG HANDY THREE

The HANDY THREE was sold to Puerto Rico Towing & Barge Co. for use as a harbor tug in its homeport of San Juan. The "HANDYSIZE" Class harbor tug was designed by Jensen Maritime Consultants, Seattle, Washington and built by Great Lakes Shipyard. This 3,200HP tug has a bollard pull of 45-metric tons. It is extremely maneuverable in harbor work and also can be utilized in construction operations as well as for coastal barge towing.



#### PORT OF MILWAUKEE, WISCONSIN WORKBOAT

Great Lakes Shipyard delivered the workboat, JOEY D, to the Port of Milwaukee, Wisconsin in early Spring 2012. The Shipyard was awarded the contract for the construction of a 60-foot work boat for the Port. Designed by Jensen Maritime Consultants, Seattle, Washington, the vessel has a maximum speed of 10 knots and is powered by a single 405 HP Cummins QSK11 Tier II diesel engine. Specifically designed for operation in ice, the vessel is used as a "day boat" for general harbor work, icebreaking, salvage, and dive operations.



#### HONDURAS HARBOR TUG

This 2,800HP HandySize tug was sold to Electrica S.A. of San Pedro Sula, Honduras, Central America. The tug is now used for harbor assist work in Puerto Cortes, a principal port located on the north coast of Honduras. The buyer of this tug indicated that when design, quality, availability of spare parts, timeliness and cost were considered, Great Lakes Shipyard was the most competitive.



#### **RED CAPE MARINE CORPORATION HANDYSIZE TUG**

This HandySize tug was sold to Red Cape Marine Corporation, Cayey, Puerto Rico for use in the Caribbean for coastal and harbor use and for towing oil barges between the Islands of the Caribbean.



#### US GEOLOGICAL SURVEY RESEARCH VESSEL SANDUSKY, OHIO

The U.S. Department of the Interior's U.S. Geological Survey's Great Lakes Science Center awarded Great Lakes Shipyard a contract to build the new research vessel, MUSKIE, for operation on Lake Erie. The vessel's capabilities include trawling, deploying hydro-acoustic equipment, and gill netting. It is equipped with stateof-the-art scientific instrumentation to improve the understanding of deep-water ecosystems and fishes on the lake.



#### US GEOLOGICAL SURVEY RESEARCH VESSEL OSWEGO, NEW YORK

The U.S. Department of the Interior's U.S. Geological Survey's Great Lakes Science Center awarded Great Lakes Shipyard a contract to build the new research vessel, KAHO, for operation on Lake Ontario. The vessel's capabilities include trawling, deploying hydroacoustic equipment, and gill netting. It is equipped with state-of-the-art scientific instrumentation to improve the understanding of deep-water ecosystems and fishes on the lake.

### **BARGE CONSTRUCTION**



**V** 

TERE)

HP80



#### **U.S. ARMY CORPS OF ENGINEERS WORK BARGES**

Great Lakes Shipyard has completed a new construction contract for the United States Army Corps of Engineers (USACE) Rock Island District for two (2) 38-foot work barges. The two new steel work barges will be used by USACE Rock Island District as a working platform to perform maintenance and inspections of Lock and Dam 11 & 14 on the Upper Mississippi River. The dimensions of the barges will be 38-foot long by 14-foot wide by 3-foot deep. The stern of the vessel will include a transom for mounting an outboard motor to power the vessel.

Great Lakes Shipyard fabricated and delivered work barges of the same design for United States Army Corps of Engineers (USACE) Rock Island District Lock and Dam 16 & 18 in 2010.



#### NY POWER AUTHORITY BARGE

Great Lakes Shipyard was contracted by the New York Power Authority to fabricate and deliver a new Ice Class 80'x 34' x 5' Pedestal Crane Barge for the Authority's Niagara River Ice Boom Operations in Buffalo, NY. The Great Lakes Towing Company's tug delivered the new barge to Buffalo, NY after completion.



#### **HUFFMAN EQUIPMENT BARGE**

Great Lakes Shipyard was contracted by Huffman Equipment to fabricate and deliver a new 50' x 30' x 5' construction barge.

# CUSTOM FABRICATION



#### WHISKEY ISLAND MARINA FLOATING BREAKWATER

Great Lakes Shipyard completed construction on new floating breakwater for Whiskey Island Marina. The Shipyard fabricated two (2) 150' long steel cylindrical modules that were bolted together and anchored in the lake bottom in front of the marina. The 10-foot diameter breakwater is used for wake attenuation to protect the boats and docks in the marina basin from heavy weather.



#### PITTSBURGH TANK CORP. SLURRY TANKS

Great Lakes Shipyard completed construction on multiple lime slurry tanks and storage silos for Pittsburgh Tank Corporation. Upon completion of the construction project, The Great Lakes Towing Company then completed a towing operation to transport the constructed tanks by tug and barge to a project location in Essexville, Michigan.



#### NATIONAL PARK SERVICE RESTROOM BARGES

Great Lakes Shipyard constructed public-use restroom "truckable" barges for the National Park Service. Delivered to Stillwater, MN on the St. Croix National Scenic Riverway, they are designed specifically for boater and camper use. Each barge is equipped with an ADA compliant restroom, gangway, and lift. The lift is used to transport a disabled person from their boat to the barge to use the restroom and back to their boat. The Shipyard incorporated renewable energy into this project by utilizing solar panels to power the ADA lift and mooring lights.



#### PERRY'S LANDING MARINA FLOATING BREAKWATER

Great Lakes Shipyard completed construction on a new floating breakwater for Perry's Landing Marina. After years of use, the old breakwater at Perry's Landing Marina was starting to rust and sink. The Shipyard fabricated five (5) new 40' long x 5' wide x 8' deep sections bolted together to create a 200' long floating breakwater ballasted to the 4'-6" waterline.



#### WALDRON CARPENTRY INC. BOATHOUSE PONTOONS

Great Lakes Shipyard completed construction on a floating boathouse for Waldron Carpentry Inc. in Raquette Lake, NY. The previous floating boathouse was destroyed after years of use. The Shipyard fabricated and delivered six (6) 20' long x 4' wide x 2' deep steel pontoons to provide the floating foundation for the allnew boathouse.



#### **GREAT LAKES POWER TRADDLE CARRIER**

Great Lakes Shipyard completed fabrication on a prototype of the Great Lakes Power Service ST-35 Yard Bully Straddle Carrier. The Straddle Carrier is a new specialized vehicle designed by Great Lakes Power Service to lift and move steel and other heavy items within industrial facilities.

### USCG VESSELS





#### USCG CUTTER KATMAI BAY MAINTENANCE & REPAIRS COMPLETE

United States Coast Guard Cutter KATMAI BAY (WTGB-101), homeported in Sault Sainte Marie, Michigan, arrived at Great Lakes Shipyard, Cleveland, Ohio, for drydocking, inspection, maintenance, and repairs on July 8, 2015. The contract included hull, propulsion and steering system inspections, as well as steel repairs, hull cleaning and painting. The 140-foot Bay-class Icebreaking Tug was hauled out on Monday, July 13 using the Shipyard's 770-ton Marine Travelift – the largest on the Great Lakes.



#### USCG CUTTER BISCAYNE BAY DRYDOCKING & UNDERWATER HULL MAINTENANCE COMPLETE

Great Lakes Shipyard completed maintenance and repairs on the USCG Cutter BISCAYNE BAY. The work included routine drydocking and underwater hull maintenance such as inspection and testing of propulsion systems; overhaul of sea valves and shaft seal assemblies; and other various cleaning, inspections, and repairs. Homeported in St Ignace, MI, the BISCAYNE BAY is the fourth vessel of the Coast Guard's 140 ft "Bay" class of icebreaking harbor tugs.



#### USCG CUTTER NEAH BAY (WTGB-105) DRYDOCKING & REPAIRS COMPLETE

The Shipyard hauled out the USCG Cutter NEAH BAY to perform routine drydocking and underwater hull maintenance such as inspection and testing of propulsion systems; overhaul of sea valves and shaft seal assemblies; and other various cleaning, inspections, and repairs.



#### MAIN PROPULSION CONTROL SYSTEM UPGRADES COMPLETE FOR USCG 140-FOOT BAY CLASS ICE **BREAKING TUGS**

Under a five-year contract with the USCG's Engineering Logistics Center, Baltimore, MD, the Shipyard completed an eight-week, on-site replacement of the main propulsion control system on the USCG Cutter Sturgeon Bay in Bayonne, New Jersey. This contract included installation of a new control system for the entire fleet of nine Ice Breaking Tugs.



#### USCG CUTTER BUCKTHORN **MAINTENANCE & REPAIRS COMPLETE**

Great Lakes Shipyard completed extensive repair work on the United States Coast Guard Cutter BUCKTHORN. an 100-foot inland buoy tender based out of Sault Ste. Marie, Michigan. Steel repairs, cleaning, and painting along with other various inspection, maintenance, and repairs were performed on the vessel. The BUCKTHORN is the Great Lakes' oldest USCG cutter, commissioned on August 18, 1963.



#### **USCG CUTTER MOBILE BAY PROPULSION CONTROL UPGRADES COMPLETE**

Great Lakes Shipyard's mobile vessel crew completed the replacement of the main propulsion control system on the United States Coast Guard Cutter MOBILE BAY in Sturgeon Bay, Wisconsin.

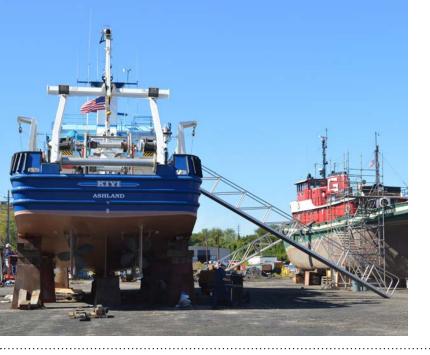


#### USCG CUTTER MOBILE BAY BARGE EMERGENCY REPAIRS COMPLETE

USCGC MOBILE BAY received emergency drydocking and repairs to the bow thruster on it 120-foot Aids to Navigation Barge. The barge was hauled using the Shipyard's 770-ton Travelift. The shipyard immediately removed the bow thruster and disassembled the thruster in its shop for repairs. Upon completion of the repairs, the unit was reinstalled and tested, and the tug and barge departed just three days later.

### RESEARCH VESSELS

 LAKE EXPLORER



#### US GEOLOGICAL SURVEY R/V KIYI KEEL COOLER MODIFICATIONS COMPLETE

Great Lakes Shipyard completed maintenance and repairs on United States Geological Survey R/V KIYI. The research vessel was hauled out using the 770-ton capacity Marine Travelift at Great Lakes Shipyard. The repair contract that started on August 28, 2015 and ended on September 21, 2015 included Keel Cooler Modifications.



#### US GEOLOGICAL SURVEY R/V KIYI FIVE-YEAR SURVEY & INSPECTION COMPLETE

Great Lakes Shipyard completed a five-year survey and inspection for the United States Geological Survey R/V KIYI. The repair contract that started on September 5, 2014 included:

- Drydocking
- Routine Repairs & Maintenance
- ABS Five-Year Survey & Inspection for Load Line
- Clean & Paint Underwater Hull, Decks & Superstructure
- Overhaul Main Engines & Generators
- Maintenance of Propulsion & Steering Systems
- Modify Exhaust Stacks & Perform Major Acoustic Modifications

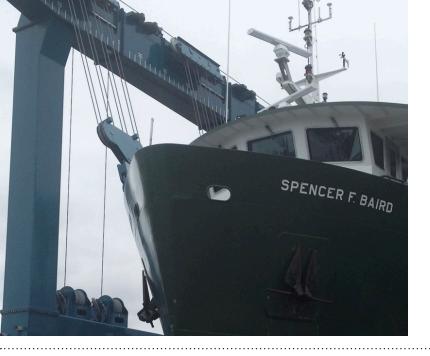


#### US EPA R/V LAKE EXPLORER II MAINTENANCE & REPAIRS COMPLETE

Great Lakes Shipyard completed the following maintenance and repairs on the US Environmental Protection Agency R/V LAKE EXPLORER II:

- Drydocking
- Routine Repairs & Maintenance
- Upgrades
- Design, Fabrication & Installation of a New Bulbous Bow

The 90-foot research vessel stationed in its home port of Duluth, Minnesota since 2009, and is the newest addition to the U.S. Environmental Protection Agency's fleet on the Great Lakes.



#### R/V SPENCER F. BAIRD 5-YEAR DRYDOCKING & INSPECTION COMPLETE

Great Lakes Shipyard completed the five-year drydocking and inspection of the R/V SPENCER F. BAIRD for the U.S. Fish and Wildlife Service, a Department of the Interior agency. Work included drydocking, a complete exterior repainting, bow thruster replacement, its five-year survey, and other miscellaneous repairs.



#### US GEOLOGICAL SURVEY RESEARCH VESSEL DELIVERED TO OSWEGO, NEW YORK

The U.S. Department of the Interior's U.S. Geological Survey's Great Lakes Science Center awarded Great Lakes Shipyard a contract to build the new research vessel, KAHO, for operation on Lake Ontario. The vessel's capabilities include trawling, deploying hydroacoustic equipment, and gill netting. It is equipped with state-of-the-art scientific instrumentation to improve the understanding of deep-water ecosystems and fishes on the lake.



#### US GEOLOGICAL SURVEY RESEARCH VESSEL DELIVERED TO SANDUSKY, OHIO

The U.S. Department of the Interior's U.S. Geological Survey's Great Lakes Science Center awarded Great Lakes Shipyard a contract to build the new research vessel, MUSKIE, for operation on Lake Erie. The vessel's capabilities include trawling, deploying hydro-acoustic equipment, and gill netting. It is equipped with stateof-the-art scientific instrumentation to improve the understanding of deep-water ecosystems and fishes on the lake.



#### ODNR R/V GRANDON MAINTENANCE & REPAIRS COMPLETE

Great Lakes Shipyard completed repairs on the Ohio Department of Natural Resources research vessel GRANDON. ODNR awarded Great Lakes Shipyard with a contract to provide repairs to the vessel, including drydocking, blasting, painting, and electrical and lighting replacements.

### TUGS, FERRIES & MORE





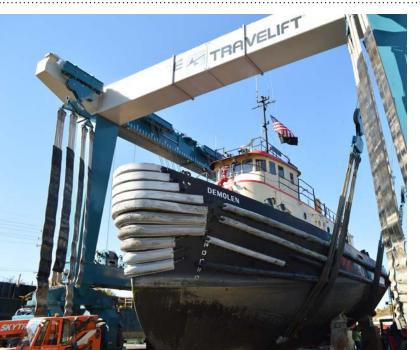
#### **RYBA MARINE TUG THOMAS R. MORRISH**

Great Lakes Shipyard was awarded a drydocking contract for Ryba Marine Tug THOMAS R. MORRISH. The maintenance and repairs will be completed by May 2016.



#### MILLER BOAT LINE M/V WILLIAM MARKET

Regular customer, Miller Boat Line, awarded Great Lakes Shipyard a contract to complete the 5-Year US Coast Guard Inspection and main engine repowering for Ferry WILLIAM MARKET. The work is scheduled to be completed by February 2016.



#### US ARMY CORPS OF ENGINEERS, DETROIT DISTRICT

Great Lakes Shipyard completed a contract by the United States Army Corps of Engineers (USACE) Detroit District for the drydocking and repairs of the Floating Plant, based at the Detroit Field Station.

The shipyard performed routine drydocking, maintenance and repairs of the Tug DEMOLEN, Crane Barge VELER, and Deck Scow BC-6576. In addition to drydocking the vessels, work included underwater hull cleaning and maintenance; inspection of propulsion and steering systems; sea valves maintenance; bearing inspections; and other routine cleaning, maintenance and repairs. In addition, the scope of work also included renewal of four (4) large deck hatches on the Crane Barge VELER.



#### RYBA MARINE TUG KATHY LYNN

Great Lakes Shipyard was awarded a drydocking contract for Ryba Marine Tug KATHY LYNN on September 13, 2015. The vessel was hauled out using the 770-ton capacity Marine Travelift at Great Lakes Shipyard on October 18, 2015. The repair contract includes drydocking and rudder repairs.



#### MILLER BOAT LINE'S M/V PUT-IN-BAY MAINTENANCE & REPAIRS COMPLETE

Great Lakes Shipyard completed drydocking repairs for Miller Boat Line's M/V Put-In-Bay on Saturday, April 25, 2015. The ferry was hauled out using the 770-ton capacity Marine Travelift at Great Lakes Shipyard on April 21, 2015. The repair contract included Drydocking, Inspection & Repairs, Hull Cleaning, and Miscellaneous Fabrication & Steel Repairs.



#### US ARMY CORPS OF ENGINEERS MULTI-VESSEL DRYDOCKING & REPAIRS COMPLETE

Great Lakes Shipyard completed maintenance and repairs for the United States Army Corps of Engineers (USACE) Buffalo District for two (2) tugs and two (2) barges from the Corps' Cleveland Field Station. The shipyard performed drydocking, maintenance and repairs of the 109-foot Tug CHERAW and 53-foot Tug DONLON, and the 120-foot Deck Barges BD-6259 and BC-6472. Work included underwater hull cleaning and maintenance, as well as inspection and testing of propulsion systems; overhaul of sea valves and shaft bearings and assemblies; and other routine cleaning, inspections, maintenance and repairs. In addition, the scope of work includes major overhauls of the propulsion engines, fendering replacements, and major steel renewals.



#### NAUTICA QUEEN TOUR BOAT **MAINTENANCE & REPAIRS COMPLETE**

Great Lakes Shipyard completed routine maintenance and repairs for the M/V NAUTICA QUEEN. The Cleveland-based tour boat was hauled out using the 770-ton capacity Marine Travelift at Great Lakes Shipyard on Monday, November 10, 2014. The repair contract included Drydocking, USCG Inspection & Repairs, Hull Cleaning & Painting, and Miscellaneous Steel Repairs.



#### TOWING COMPANY MAJOR FLEET OVERHAUL PROGRAM

The Great Lakes Towing Company has been overhauling its fleet for the past several months. Tugs included in the major fleet overhaul program to date include:

- ARKANSAS
- IDAHO
- ILLINOIS
- INDIANA
- IOWA
- LOUISIANA
- MISSOURI
- OHIO
- PENNSYLVANIA
- **SUPERIOR**
- VERMONT
- WYOMING
- NORTH DAKOTA
- KENTUCKY



#### LUXURY YACHT FREEDOM DOCKSIDE REPAIRS COMPLETE

Great Lakes Shipyard completed unscheduled dockside repairs for the luxury yacht FREEDOM. The 229.66ft custom motor yacht (41.0ft beam, 12.14ft draft, 1,975 tons) was built in 2000 by Benetti and last refitted in 2006. Previously named Reverie, her luxurious interior was designed by John Munford and her exterior styling is by Stefano Natucci.



#### MILLER BOAT LINE FERRY M/V ISLANDER UNSCHEDULED REPAIRS & 5-YEAR DRYDOCKING & INSPECTION COMPLETE

Miller Boat Line, a regular customer of Great Lakes Shipyard, contracted the Shipyard to provide unscheduled work on their ferry M/V ISLANDER. The Shipyard hoisted the ferry on Tuesday, May 13th with its Marine Travelift. While out of the water, Miller Boat Line seized the opportunity to complete its 5-year US Coast Guard inspections.



#### WINTER WORK 2013-2014 COMPLETE

Winter layup season completed at Great Lakes Shipyard. Repair work took place on Interlake Steamship Company's articulated tug-barge DOROTHY ANN and PATHFINDER, American Steamship Company's M/V SAM LAUD, Grand River Navigation's MANITOWOC, and McKeil Marine's Tug LEONARD M and Barge HURON SPIRIT. The vessels were berthed in the yard for planned repairs and routine maintenance, as well as various inspections and miscellaneous renewals.



#### RYBA MARINE TUG KATHY LYNN MAINTENANCE & REPAIRS COMPLETE

Great Lakes Shipyard performed routine drydocking and repairs on Ryba Marine Construction's Tug KATHY LYNN. Work consisted of underwater hull cleaning and inspections, propulsion system inspection and repairs, and other various routine maintenance and repairs. The tug was accompanied by the Ryba Scow 919. The pair remained berthed in the yard during winter lay-up.



#### USACE TUG MIKE DONLON STEERING SYSTEM UPGRADE COMPLETE

The US Army Corp of Engineers awarded Great Lakes Shipyard a contract to provide and install a new steering system on their tug, MIKE DONLON. The work included a new electric motor and hydraulic pump, rudder angle indicator, ram stops, an alarm panel, installation of an autopilot system with a satellite compass, and other various upgrades.



#### MILLER'S FERRY, SOUTH BASS MAINTENANCE & REPAIRS COMPLETE

Miller Boat Line's ferry, M/V SOUTH BASS, received its routine five-year drydocking and USCG inspection at Great Lakes Shipyard. The vessel was hauled out using the Marine Travelift. This marks the first time Great Lakes Shipyard has performed work on the M/V SOUTH BASS. With this, all of the ferries in the Miller fleet have been serviced by Great Lakes Shipyard.



#### **US BRIG NIAGARA REPAIRS COMPLETE**

The US Brig NIAGARA, Erie, Pennsylvania's Flagship, came to Great Lakes Shipyard for routine drydocking and repairs. The vessel was hauled out using the Marine Travelift; this marks the first time Great Lakes Shipyard has hauled out a tall ship using their Travelift as well as the first time the US Brig NIAGARA has been hauled out with a Travelift.



#### SIMULTANEOUS EMERGENCY REPAIRS COMPLETE

McKeil Marine of Hamilton, Ontario contracted Great Lakes Shipyard to provide unscheduled work on their tug LEONARD M. The Shipyard drydocked the vessel, and performed repairs to one of the tug's propulsion units all in a two-day turnaround. At the same time, Huffman Equipment & Contracting's pushboat BENJAMIN RIDGEWAY was hauled out for unscheduled work on the keel coolers and other various underwater hull repairs. The 60-foot tug was lifted out of the water and was re-launched safely the very next day.



#### LUEDTKE'S TUG KRISTA S MAINTENANCE & REPAIRS COMPLETE

Luedtke Engineering's tug KRISTA S. came to Great Lakes Shipyard for emergency repair work. The vessel was hoisted out of the water using the Company's 770ton travelift and was drydocked for an underwater hull survey and various repairs.



#### WINTER WORK 2012-2012 COMPLETE

Great Lakes Shipyard completed winter work and lay up for Interlake Steamship Company's ATB DORTHY ANN and PATHFINDER, Inland Lakes Management's S/S ALPENA, and American Steamship Company's AMERICAN COURAGE. The various work included miscellaneous steel work, generator maintenance, main drive unit maintenance, and other various repairs.



#### MILLER BOAT LINE'S M/V ISLANDER MAINTENANCE & REPAIRS COMPLETE

Great Lakes Shipyard performed drydocking, repair, and hull repainting on Miller Boat Line's ferry M/V ISLANDER. The vessel was hauled out using the Shipyard's Travelift and underwent its five-year US Coast Guard inspections. This marked the first drydocking and repair contract that the Shipyard had with the M/V ISLANDER.



#### GOODTIME III DINNER BOAT USCG INSPECTIONS COMPLETE

Cleveland's GOODTIME III received its five-year US Coast Guard hull survey for renewal of its Certificate of Inspection at Great Lakes Shipyard. Repair work, including cleaning and painting, followed. Great Lakes Shipyard has performed work on the previous vessels, GOODTIME and GOODTIME II as well; this was the first repair contract that Great Lakes Shipyard had with GOODTIME III.



#### M/V PELEE ISLANDER MAINTENANCE & REPAIRS COMPLETE

Great Lakes Shipyard completed the five-year drydocking of M/V PELEE ISLANDER, a passenger ferry operated by Owen Sound Transportation Company, an Agency of the Province of Ontario Ministry of Northern Development, Mines and Forestry, The Ontario Ministry of Transportation (MTO). The vessel underwent hull inspection and painting; propeller, shaft, and rudder inspection; steel work; and other routine maintenance.



#### US BRIG NIAGARA REPAIRS COMPLETE

Erie, Pennsylvania's Flagship, the US Brig NIAGARA, had bow framing replaced at Great Lakes Shipyard. The work on the NIAGARA included replacing three frames and took approximately four weeks. In September 2011, the NIAGARA spent two weeks in the Shipyard's drydock for surveying, hull cleaning and painting, propeller inspection, and other routine maintenance. The Shipyard previously installed auxiliary engines and has been contracted to conduct the NIAGARA'S routine inspections in compliance with federal, USCG and ABS regulations.



#### AMERICAN STEAMSHIP LAKE CARRIER BUFFALO MAINTENANCE & REPAIRS COMPLETE

American Steamship's 634' long, 68' wide Lake Carrier BUFFALO was in Cleveland this winter for repairs to be performed by Great Lakes Shipyard. The maintenance and repairs included painting, cargo hold repairs, work on both the incline hopper and boom hopper wear plates, and ballast tank repairs.



#### MCKEIL MARINE TUG - BARGE UNIT MAINTENANCE & REPAIRS COMPLETE

McKeil Marine of Hamilton, Ontario, Canada contracted Great Lakes Shipyard to provide winter layup and repair work on the tug and barge JOHN SPENCE and NIAGARA SPIRIT. The Shipyard performed general steel work on both the tug and barge and installed a winch system for the cover of the NIAGARA SPIRIT.



#### INTERLAKE'S TUG DOROTHY ANN UPGRADES COMPLETE

Great Lakes Shipyard, a Rolls-Royce Commercial Marine service center, performed an upgrade to the tug DOROTHY ANN by converting the Rolls-Royce/Ulstein azimuth thrusters from fixed-pitch to controllable-pitch propellers. The project included replacement of the lower drive units, as well as all thruster control systems on the vessel. This tug-barge unit is owned by Interlake Steamship Company and is a bulk carrier on the Great Lakes



#### M/V PUT-IN-BAY FERRY RECONSTRUCTION & REPOWERING COMPLETE

Miller Boat Line contracted the Shipyard to enlarge the ferry by cutting it into two sections and inserting a newly fabricated 40-foot mid-body section to increase the vessel's size and carrying capacity by nearly double. During the construction project, the Ferry's original engines were replaced with new environmentally sound diesels engines. The project also included installation of new articulating rudders, a new steering system, new main engine keel cooling system, generator overhauls, and new propellers.

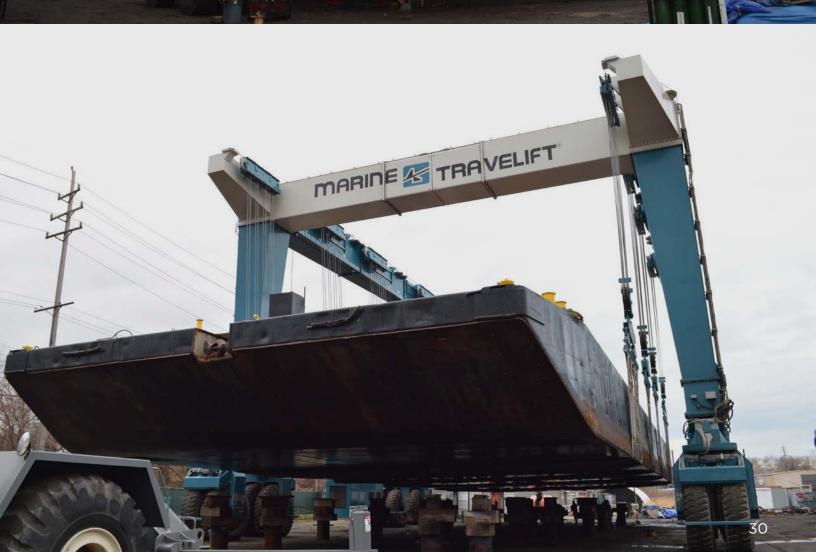


#### CLEVELAND TERMINAL INDUSTRIAL MAINTENANCE COMPLETE

Great Lakes Shipyard completed winter repairs at the Cleveland Bulk Terminal at the port in Cleveland, Ohio. The work included rebuilding one of the field conveyor hoppers. Carmeuse Lime & Stone operates the Port's Cleveland Bulk Terminal, which is west of the Cuyahoga River. CBT handles iron ore and limestone that arrive by ship from other Great Lakes ports.



m



Toute toute to



#### US ARMY CORPS OF ENGINEERS, DETROIT DISTRICT

Great Lakes Shipyard completed a contract for the United States Army Corps of Engineers (USACE) Detroit District for the drydocking and repairs of the Floating Plant, based at the Detroit Field Station.

The shipyard performed routine drydocking, maintenance and repairs of the Tug DEMOLEN, Crane Barge VELER, and Deck Scow BC-6576. In addition to drydocking the vessels, work included underwater hull cleaning and maintenance; inspection of propulsion and steering systems; sea valves maintenance; bearing inspections; and other routine cleaning, maintenance and repairs. In addition, the scope of work also included renewal of four (4) large deck hatches on the Crane Barge VELER.



#### U.S. ARMY CORPS OF ENGINEERS BUFFALO DISTRICT BARGES DRYDOCKING

Great Lakes Shipyard has been awarded a drydocking contract by the United States Army Corps of Engineers (USACE) Buffalo District for Derrick Barge McCAULEY and Deck Scow BC-6214. The contract was awarded and started on November 30, 2015 and will be completed in January 2015.



#### **RYBA MARINE DUMP SCOW BARGE GL-5**

Great Lakes Shipyard was awarded a drydocking contract for Ryba Marine Dump Scow GL-5 (170' x 41' x 15'). The maintenance and repairs that include drydocking and major steel repairs will be completed by May 2016.



#### MALCOLM MARINE SPUD BARGE CONTRACT AWARDED

Great Lakes Shipyard initiated maintenance and repairs on Malcolm Marine 150x50x8 Deck Spud Barge on October 12, 2015.



#### US ARMY CORPS OF ENGINEERS MULTI-VESSEL DRYDOCKING & REPAIRS COMPLETE

Great Lakes Shipyard completed the repair contract for the United States Army Corps of Engineers (USACE) Buffalo District for two (2) tugs and two (2) barges from the Corps' Cleveland Field Station. The shipyard will perform drydocking, maintenance and repairs of the 109-foot Tug CHERAW and 53-foot Tug DONLON, and the 120-foot Deck Barges BD-6259 and BC-6472. Work includes underwater hull cleaning and maintenance, as well as inspection and testing of propulsion systems; overhaul of sea valves and shaft bearings and assemblies; and other routine cleaning, inspections, maintenance and repairs. In addition, the scope of work includes major overhauls of the propulsion engines, fendering replacements, and major steel renewals.



GEO. GRADEL CO. SPUD BARGE MOBRO 2000 MAINTENANCE & REPAIRS COMPLETED Great Lakes Shipyard completed repairs on Gradel Barge MOBRO 2000.



#### GEO. GRADEL CO. BARGE GL 170 MAINTENANCE & REPAIRS COMPLETE

Great Lakes Shipyard completed unscheduled repairs to Gradel Barge GL 170 in June. On June 13th , the Shipyard completed temporary repairs to allow the barge to finish its trip and unload. USCG and ABS signed off on the repair. The vessel was scheduled to return one week later for permanent repairs on June 24th and again on June 24th



#### GEO. GRADEL CO. SCOW #33 EMERGENCY REPAIRS COMPLETE

Great Lakes Shipyard performed drydocking and steel repairs on Geo Gradel Co.'s Scow #33. The dump scow was drydocked using the Travelift and received welding repairs to the hull along with other routine maintenance and repairs.



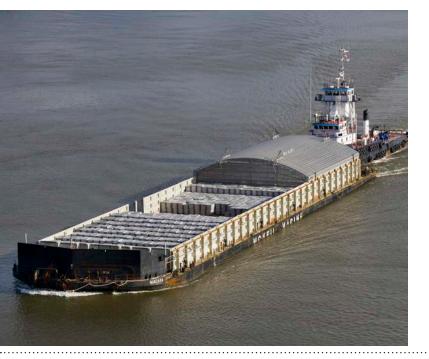
#### WINTER WORK 2013-2014 COMPLETE

Winter layup season completed at Great Lakes Shipyard. Repair work took place on Interlake Steamship Company's articulated tug-barge DOROTHY ANN and PATHFINDER, American Steamship Company's M/V SAM LAUD, Grand River Navigation's MANITOWOC, and McKeil Marine's Tug LEONARD M and Barge HURON SPIRIT. The vessels were berthed in the yard for planned repairs and routine maintenance, as well as various inspections and miscellaneous renewals.



#### DUROCHER MARINE BARGE LOAD LINE RENEWAL COMPLETE

Great Lakes Shipyard hauled out Durocher Marine's Barge D2006 for ABS Load Line renewal surveys. The 195' x 40' x 12' barge is the longest vessel the Shipyard has drydocked using the Travelift. This is the 2nd time in as many months that Great Lakes has provided these services to Durocher. Great Lakes lifted Durocher's 140' x 39' x 9' "Barge 142" for the same purpose. Both barges were hauled out, placed on blocks, cleaned, inspected and repaired as needed, and re-launched within 24-hours each.



#### MCKEIL MARINE TUG - BARGE UNIT MAINTENANCE & REPAIRS COMPLETE

McKeil Marine of Hamilton, Ontario, Canada contracted Great Lakes Shipyard to provide winter layup and repair work on the tug and barge JOHN SPENCE and NIAGARA SPIRIT. The Shipyard performed general steel work on both the tug and barge and installed a winch system for the cover of the NIAGARA SPIRIT.



#### USCG CUTTER MOBILE BAY BARGE MAINTENANCE & REPAIRS COMPLETE

USCGC MOBILE BAY received emergency drydocking and repairs to the bow thruster on it 120-foot Aids to Navigation Barge. The barge was hauled using the Shipyard's 770-ton Travelift. The shipyard immediately removed the bow thruster and disassembled the thruster in its shop for repairs. Upon completion of the repairs, the unit was reinstalled and tested, and the tug and barge departed just three days later.

### ORDER BOOK 2002-2016

### LAKE EXPLORER

8 7

3 0

## GREAT LAKES SHIPYARD

#### 2016

- NY Power Authority Niagara Ops New Construction (Bristol Design) (Amt: \$2,503,700) 45-foot Tugboat (2nd of Two)
- Puerto Quetal Pension Plan New Construction Handy Size 3200
- Malcolm Marine Drydock & Double Plate Bottom (MTL) 150 x 50 x 8 Deck Spud Barge
- Ryba Marine Drydock & Major Steel Repairs (MTL) Dump Scow GL-5 (170 x 41 x 15)
- Ryba Marine Drydock & Major Steel Repairs (MTL) Dump Scow GL-6 (170 x 41 x 15)
- Ryba Marine Drydock & Major Steel Repairs (MTL)
   Tug
- Miller Boat Line USCG 5-Year Drydock & Repower Main Engines (MTL) Ferry WILLIAM MARKET

#### 2015

- NY Power Authority Niagara Ops New Construction (Bristol Design) 45-foot Tugboat (1st of Two)
- USACE Detroit District Drydock & Repair (MTL) Tug DEMOLEN
- USACE Detroit District Drydock & Repair (MTL) Crane Barge VELER
- USACE Detroit District Drydock & Repair (MTL) Deck Scow 5676
- USACE Buffalo District Drydock & Repair (MTL) Derrick Barge McCAULEY
- USACE Buffalo District Drydock & Repair (MTL) Deck Scow BC-6214
- Durocher Marine Drydock for Load Line Renewal (MTL) Barge Kokosing 2 (150 x 54 x 8)
- Nautica Queen LLC Drydocking for USCG 5-Year Inspection & Repair (MTL) M/V NAUTICA QUEEN
- USCG Cleveland Valve Repairs (Cle Moorings)
   USCGC NEAH BAY
- USCG Cleveland Insulation Repairs (Cle Moorings)
   USCGC NEAH BAY
- Geo. Gradel Co Drydock, Repair and Load Line Renewal (MTL) Barge MOBRO 2000
- Fettes Shipping Dockside Repair Services Tug/ Barge SEA EAGLE II
- Spleithoff Electical Services M/V FLORAGRACHT
- USGS / Great Lakes Science Center Trawl Winch Valve Repairs (On-site in Ashland, WI) R/V KIYI
- Miller Boat Line USCG 5-Year Drydock & Repair (MTL) M/V PUT-IN-BAY
- Ryba Marine Dockage & Misc Services Tug KATHY LYNN & Barge OBE185
- FedMar Fabricate & Deliver "U" Pipe Pins (Qty 900)
- Great Lakes Dock & Materials Unload & Assemble
   Excavator #1 Yard Support
- Geo. Gradel Co Drydock, Repair and Load Line Renewal (MTL) Barge CLYDE (120 x 40)
- USACE Buffalo District Drydock & Repair (MTL) Deck Scow 6259
- USACE Buffalo District Drydock & Repair (MTL) Deck Scow 6472
- USACE Buffalo District Drydock & Repair (MTL) Tug MIKE DONLON
- Great Lakes Dock & Materials Disassemble and Load Excavator #2 onto Truck Yard Support
- Great Lakes Dock & Materials Assemble and Load

Excavator #3 onto Barge Yard Support

- American Steamship Company Anchor Pocket Repairs (CBT Dock) M/V St. CLAIR
- USCG Cleveland / Hendry Corp Dockside Repairs (CLE Moorings) USCGC NEAH BAY
- USACE Buffalo District Drydock & Repair (MTL) Tug CHERAW
- USCG Soo Drydock & Repair (MTL) USCGC KATMAI BAY
- American Steamship Company Dockside Repairs KEN BOOTHE SR.
- American Steamship Company Dockside Services
   YTD MISC Vessels
- USGS / Great Lakes Science Center Keel Cooler Modifications R/V KIYI
- Ryba Marine Drydock for Rudder Repairs (MTL) Tug KATHY LYNN
- USACE Rock Island District New Construction Work Barges (38 x 14 x 3) for L&D 11 & 14 (Qty 2)
- Great Lakes Science Center Storm Response &
   Dockside Services Steamship MATHER Museum
- Nadro Marine Drydock & Repair (MTL) 150 x 55 x 11 Deck Barge "Lac St. Jean"
- Interlake Steamship Cut & Prep for Transport Drive Stands
- SRT Transportation Solutions, Inc. Welding Services (Port of Cleveland) Railroad Support Services

- Tug MIKE DONLON USACE Buffalo District -Steering System Repairs (GLS)
- Floating Breakwater (6-Section; 300' x 10' dia) -Cuyahoga County/Whiskey Island Marina - Fabricate, Paint, Launch & Install (MTL) FEMA
- Tug KATHY LYNN & Barge OBE185 Ryba Marine -Drydock & Repair (MTL)
- USCGC MORRO BAY USCG Cleveland Dockside Repairs (Cle Dock)
- DOROTHY ANN / PATHFINDER Interlake Steamship Company - Winter Work with Bulkhead Renewal (GLS)
- Cleveland Bulk Terminal Carmeuse Lime & Stone -Facility & Equipment Repairs & Maintenance
- M/V SAM LAUD American Steamship Company -Winter Work (G&W)
- M/V MANITOWOC Grand River Navigation Winter Work (Ontario Stone/GLS)
- M/V MANITOWOC Grand River Navigation -Emergency Steel Repairs (GLS)
- Tug LEONARDO M McKeil Marine Drydocking & Winter Work (MTL/GLS)
- Barge HURON SPIRIT McKeil Marine Winter Work
   (GLS)
- M/V ISLANDER Miller Boat Line Unplanned Drydock & Repair (MTL)
- USCGC MORRO BAY USCG Cleveland Dockside Rudder Repairs (GLS)
- USCGC NEAH BAY USCG Cleveland Dockside Repairs (Cle Dock)
- Tug CHERAW USACE Buffalo District Steering System Repairs (Cle Dock)
- Motor Yacht FREEDOM Charter Dockside Services & Repairs (GLS)

- USCGC BISCAYNE BAY USCG St Ignace Drydock & Repair (MTL)
- Tug HURON SERVICE Genesis Marine Dockside Repairs & Misc Services (GLS)
- Barge GL170 Geo. Gradel Co Drydock, Repair and Load Line Renewal (MTL)
- M/V AMERICAN COURAGE American Steamship Company - Dockside Repair Services (GLS)
- R/V STURGEON USGS Ann Arbor Furnish Set of (2) New Spare Propellers
- R/V SIKULIAQ National Science Foundation -Gangway Services
- Barge CLYDE Specialty Worldwide Logistics Prep Barge for Tow
- R/V LAKE EXPLORER II US EPA Duluth, MN Drydock, Repair & Repower (MTL)
- R/V KIYI USGS Great Lakes Science Center -Drydock & Repair (MTL) (Through Mod 0003)
- Cleveland Facility Repairs Essroc Cement Pipe Supports
- R/V KIYI USGS / Great Lakes Science Center Main Engine Overhaul (Mod 0004)
- Fireboat CELEBREZZE City of Cleveland Dockside M&R
- USCGC NEAH BAY USCG Cleveland Dockside Repairs (Cle Dock)
- M/V SAM LAUD American Steamship Company -Safety Cable Installations
- M/V KEN BOOTHE SR. American Steamship Company - Fabricate and Install Conveyor Belt Slide Guides
- M/V AMERICAN COURAGE American Steamship Company - Misc Dockside and Underway Repairs
- M/V KEN BOOTHE SR. American Steamship Company - Fabricate and Install Conveyor Belt Slide Guides
- M/V NAUTICA QUEEN Nautica Queen LLC -Drydocking for USCG 5-Year Inspection & Repair (MTL

#### 2013

- M/V ISLANDER Miller Boat Lines 5-yr USCG Drydock, Inspection & Repair (MTL)
- DOROTHY ANN / PATHFINDER Interlake Steamship Company - Winter Work (GLS)
- ALPINA Andrie/Lafarge Winter Work (Lafarge Terminal)
- Steel Coil Loading Pallets FMT-Port of Cleveland -Repair Lifting Lugs and Load Test (Qty 12)
- AMERICAN COURAGE American Steamship Company - Winter Work (G&W)
- Cleveland Bulk Terminal Caramuse Lime & Stone -Steel Hopper Repairs
- DOROTHY ANN / PATHFINDER Interlake Steamship Company - Dockside Repairs
- SS Mather Museum Great Lakes Science Center, Cleveland - Gangway / Boarding Platform Fabrication & Repairs
- M/V KAYE E. BARKER Interlake Steamship Company - Dockside Repairs
- Tug KRISTA S Luedtke Engineering Drydocking & Repair (MTL)
- M/V EDENBORG Columbus Shipping Dockside Repairs

- AMERICAN COURAGE American Steamship
   Company Dockside Services
- Cleveland Bulk Terminal Caramuse Lime & Stone -Conveyor Belt Repair Services
- BUFFALO American Steamship Company Dockside Services - Anchor Pocket Repairs
- 45-Foot Response Boat (CG45968) USCG Station Toledo - Damage Repairs (Aluminum)
- St. CLAIR American Steamship Company Dockside Services - Oil Lines & Stripping Pump
- Tug AURA (Hull 9201) Seacor/Caribbean Tugz LLC (Hovensa) New Construction
- Tug AURA (Hull 9201) Seacor/Caribbean Tugz LLC (Hovensa) - Dockside - Post Delivery Services
- Tug AURA (Hull 9201) EN Bisso Dockside Post Delivery Services
- USCGC BUCKTHORN USCG Soo Drydocking & Paint Freeboard (MTL)
- R/V KAHO, Oswego, NY USGS / Great Lakes Science Center - HVAC Repairs
- Tug ATLAS (Hull 9202) Seacor/Caribbean Tugz LLC (Hovensa) New Construction
- Tug ATLAS (Hull 9202) Seacor/Caribbean Tugz LLC (Hovensa) - Dockside - Post Delivery Services
- USCGC STURGEON BAY Bayonne, NJ USCG ELC 5-year Requirements Contract, Install New Avtron MPC Systems (7th of 8)
- Tug LEONARDO M. McKeil Marine Drydock & Repair T&M (MTL)
- Tug LEONARDO M. McKeil Marine Dock Repairs
- USCGC NEAH BAY USCG Cleveland Drydock & Repair (MTL)
- Tug BENJAMIN RIDGEWAY Huffman Equipment -Drydock & Repair (MTL)
- USCGC MOBILE BAY Sturgeon Bay, WI USCG ELC 5-year Regmts Contract - Install New Avtron MPC Systems (8th of 8)
- Gradel Scow #33 128 x 33 hopper barge Geo Gradel Co Drydock & Repair (MTL)
- US Brig NIAGARA Flagship Niagara League -Drydock & Repair (MTL)
- M/V SPENCER F. BAIRD DOI US Fish & Wildlife Service - 5-Year Drydocking (MTL)
- M/V SOUTH BASS Miller Boat Lines 5-yr USCG Drydock, Inspection & Repair (MTL)

- Barge Pathfinder Interlake Steamship Winter Work
- Tug Dorothy Ann Rolls-Royce CPP Conversion
- Tug Dorothy Ann Interlake Steamship Winter Work
- Tug John Spence / Barge Niagara Spirit McKeil Marine - Dockage and Winter Work
- R/V MUSKY II USGS Sandusky (IDIQ) Replace Hydraulic Pump Drive Engine
- M/V BUFFALO American Steamship Company -Winter Work
- US Brig NIAGARA State of PA Drydock & Repair
- Fireboat CELEBREZZE City of Cleveland Misc Dockside M&R
- Barge A-397 Andrie, Inc. Steel Repairs
- Sectional Dredge (80 x 30 x 7) Luedtke Engineering
   Drydock, Inspect and Repairs
- HandySize Tug Hull 103 Puerto Rico Towing &

Steamship Company - Misc Services - Potable Water

- Barge Pathfinder Interlake Steamship Misc Steel Repairs
- M/V BUFFALO American Steamship Company Misc Repairs - LED Lighting
- Ferry PELEE ISLANDER Owen Sound Trans Co 5-yr Drydock & Repair (MTL)
- Fireboat CELEBREZZE City of Cleveland Misc Dockside M&R - Bilge Pump
- Barge CLEVELAND ROCKS Port City Marine Services (Sand Products) - Dockside Repairs (MTL)
- Tug Dorothy Ann Interlake Steamship Misc Propeller Work
- Research Vessels (Qty 2) USGS Ann Arbor, MI (ARRA) - Winter Haulout, Storage, Mods & Biosonics Equip (MTL)
- Research Vessels (Qty 2) USGS Ann Arbor, MI (IDIQ) - Weight Testing
- R/V GRANDON ODNR Drydock, Painting and Misc Repairs (MTL)
- Essexville Tank Project Pittsburgh Tank Tank Assy and Loading (T&M Not incl Towage)
- USCGC MORRO BAY New London, CT USCG ELC 5-year Reqmts Contract - Install New Avtron MPC Systems (5th of 8)
- USCGC MOBILE BAY ATON Barge USCG Sturgeon Bay - Unplanned Drydocking & Repairs (MTL)
- Shoreline Barge 78 x 40 x 7 Shoreline Contractors -Unplanned Drydocking & Repairs (MTL) (T&M)
- Durocher Barge 142 (140 X 39 X 9) Durocher Marine/ Kokosing - Drydock - Load Line Renewal (MTL)
- Tug MIKE DONLON USACE Buffalo District Misc Dockside Mods to Doors and Hatches
- M/V AMERICAN COURAGE American Steamship Company - Install new LED Lighting in Holds (T&M)
- USCGC NEAH BAY USCG Cleveland Repair Lube Oil Strainer
- Barge ALOUETTE SPIRIT Total Energy Heavy Haul -Unloading (Cutting/Burning) Services (T&M)
- M/V COPENHAGEN Barge MOBRO American International Line - Cargo Securing at Port of Cleveland (T&M)
- USCGC BUCKTHORN USCG Soo Drydocking & Repairs (MTL)
- Research Vessels (Qty 2) USGS Ann Arbor, MI (IDIQ) - Red Lion System Mods (Gulf Coast A&H)
- USCGC KATMAI BAY Sault Ste Marie, MI USCG ELC 5-year Regmts Contract - Install New Avtron MPC Systems (6th of 8)
- Durocher Barge D2006 Durocher Marine/Kokosing -Drydock - Load Line Renewal (MTL)
- USGS R/V STURGEON USGS GLSC (IDIQ) Mods of Gallows
- M/V BUFFALO American Steamship Company -Fab/Install Shore Connection Manifold (T&M)
- SS MATHER Museum Great Lakes Science Center, Cleveland - Misc Services
- M/V GOODTIME III Goodtime Cruises, Cleveland, OH - 5-yr USCG Drydock, Inspection & Repair & Paint (MTL)
- M/V AMERICAN COURAGE American Steamship Company - Steel Repairs to Inclined Hopper Plates (T&M)
- Two (2) Jensen ASD 4640 HP Seacor/Carribean Tugz LLC (Hovensa) - New Construction w/Option for

Drydock, Inspection & Repair (MTL)

- M/V NAUTICA QUEEN Now Acquisition/ Jacobs Investments - Steel Repairs (Permanent)
- Fireboat CELEBREZZE City of Cleveland Repair Bilge Pumps
- R/V LAKE GUARDIAN Cetacean Marine GenSet Repower (in Milwaukee, WI)
- Qty (6) 24" x 48" Pontoons Waldron Construction Steel Fabrication
- Andrie Barge A-390Andrie, Inc. Remove Insulation Deck (T&M)
- Fireboat CELEBREZZE City of Cleveland Repack Stern Tube
- Tug VALARIE B. Durocher Marine Drydock & Inspect
- Floating Barge Restrooms (Qty 2) NPS St. Croix Falls, Wisconsin - New Construction
- USCGC THUNDER BAY Rockland, ME USCG ELC 5-Year Requirements Contract, Install New Avtron MPC Systems (3rd of 8)
- USGS R/V STURGEON USGS GLSC 5-Year IDIQ Contract Scheduled Drydocking & Repairs
- Barge Pathfinder Interlake Steamship Steel Repairs to Hold
- USGS R/V GRAYLING USGS GLSC 5-Year IDIQ Contract - Scheduled Drydocking & Repairs
- Barge Rental Pacific Sports Swim Platform for Cleveland Triathlon
- R/V BLUE HERON Univ of Minnesota Drydock Services
- KAYE E BARKER Interlake Steamship Pipe Repair Kit
- Tug DON RAUL (ex HANDY-ONE) Red Cape Marine Corp (Raul Iglesias) - Install Bow Winch
- Naval Reserve UB40-31 and UB40-21 Naval Ops Support Ctr - Buffalo - Dockside Services
- Barge Pathfinder Interlake Steamship Steel Repairs to Hold
- Hydroacoustic Transducer Deployment Tube USGS -Sandusky (R/V MUSKIE) - Fabricate & Test
- USCGC BISCAYNE BAY St. Ignace, MI USCG ELC 5-year Requirements Contract, Install New Avtron MPC Systems (4th of 8)
- M/V JAMES OBERSTAR Rolls-Royce Services Agreement - Engine Failure Troubleshooting
- New GL Research Vessels (Qty 2) USGS Ann Arbor, MI (ARRA) New Construction
- US Brig NIAGARA State of PA Drydock & Repair
- Barge Pathfinder Interlake Steamship Steel Repairs to Hold
- Tug DOROTHY ANN Interlake Steamship Z-Drive Shop Stands (QTY 2)
- M/V VICTORIABORG Columbus Shipping/Polsteam USA Steel Repairs
- Service Work Rolls-Royce Services Agreement -Fabricate and Install Signage
- Tug CLEVELAND Willamette Champion (Harley Marine) Haulout for Buyer's Inspection
- Tug CLEVELAND Laken Shipping Dockage/Winter Berthing
- Fireboat CELEBREZZE City of Cleveland Misc Dockside M&R
- M/V JOHN J. BOLAND American Steamship

Company - Steel Repairs (T&M)

- BBC FLORIDA Columbus Shipping/BBC Chartering -Remove Lashings (T&M)
- M/V GISELE SCAN FedMar / Columbus Shipping -Welding/Securing (T&M)
- 60-foot Work Boat ("JOEY D") Port of Milwaukee -New Construction

#### 2010

- Tug SUPERIOR Luedtke Engineering Drydock & Repair Offcharter Repairs
- M/V PUT-IN-BAY Miller Boat Lines Midbody Installation & Repower
- Fireboat CELEBREZZE City of Cleveland Bilge Pump Repairs
- M/V NAUTICA QUEEN Now Acquisition/ Jacobs Investments - Steel Repairs (Temporary)
- Sectional Barge Rental for Cleveland Triathalon -Pacific Sports LLC - Rental (Includes Prep, Mob/ Demob)
- USCGC Neah Bay USCG Cleveland Renew Flooring
- USCGC PENOBSCOT BAY Bayonne, NJ USCG
   5-year Requirements Contract Install New Avtron MPC Systems (2nd of 8)
- R/V KIYI USGS Ashland Drydock & Repair Stern Bearing Cooling System
- R/V KIYI USGS Ashland (ARRA) Install New Anchor Handling System
- 80 x 34 x 5 Pedistal Crane Barge NY Power Authority - New Construction (Incl Crane, Winch, and CCTV Sys)
- GOODTIME I (Sandusky) Lake Erie Island Cruises
   Drydocking for 5-Year USCG Inspection
- M/V WILLIAM MARKET Miller Boat Lines -Drydocking, 5-Yr Inspection, and Misc M&R
- Bird/Bat Survey Support Services Tetra Tech -Transport & Commissioning Services
- New GL Research Vessels (Qty 2) USGS Ann Arbor, MI (ARRA) - New Construction
- Work Barges (Qty 2) for L&Ds 16 and 18 USACE -Rock Island (ARRA) - New Construction
- Floating Barge Restrooms (Qty 2) NPS St. Croix Falls, Wisconsin - New Construction

#### 2009

- Cleveland Fireboat City of Cleveland Dockside Repairs
- Pair of 10 x 40s & Pair of 10 x 20s Portable Barge Service New Construction
- USCGC NEAH BAY USCG Cleveland Anchor Windlass Repairs
- Andrie Barge A-397 Andrie, Inc. Dockside Winter Work
- •
- Tug Karen Andrie Repower Andrie, Inc. Dockside Repower
- Tug Karen Andrie Upper Pilothouse, etc. Andrie, Inc. - Fab, Fit & Install New Pilothouse & Repower Support
- Fireboat CELEBREZZE City of Cleveland Drydock & repairs; GenSet Replacement

- Fireboat CELEBREZZE City of Cleveland Additional Repairs & Maintenance
- Work Float Rental H. Hansen Industries Provide 20' Workfloat
- Tug CHERAW USACE-Cleveland GenSet Overhauls
- Inland Seas 35-ft Steel Clipper Murph Ivey Steel Repairs and Refurbishment
- Tug Benjamin Ridgeway Huffman Equipment -Drydock & Repair
- Cleveland Fireboat City of Cleveland Install Duplex Strainer
- 50' x 30' x 5' Crane Barge Huffman Equipment New Construction
- Straddle Carrier Frame Structure Great Lakes Power - Steel Fabrication
- Tug Kathy Lynn Ryba Marine Drydock Replace Propeller
- M/V Juliet Alicia Kelley's Island Ferry Boat Line -Drydock for USCG 5-year
- USGS R/V KIYI USGS Ashland, WI 5-year Drydocking (Amount to Date)
- Tug Kurt Luedtke Luedtke Engineering Drydock and Repair
- USCGC BRISTOL BAY USCG 5-year Reqmts Contract - Install New AVTRON MPC Systems (1st of 8)
- Miss Buffalo II Buffalo Charters Inc. Drydock for USCG 5-year
- USCGC NEAH BAY USCG-Cleveland Clean Ventilation Ducting
- Cleveland Fireboat City of Cleveland Misc Dockside Repairs
- R/V Musky II USGS Sandusky Dockside Misc Mods & Repairs
- M/V PUT-IN-BAY Miller Boat Lines Midbody Installation

- HandySize Tug HULL 101 Tugz International LLC -New Construction
- R/V LAKE GUARDIAN EPA / Cetacean Marine Repower & Wet Lab Mods
- ALPINA ILM / Andrie, Inc. Fab & Install Service
   Platform
- Three (3) 10' x 50' x 4' Sectional Barges Town of Brookhaven, NY New Construction
- 10 x 50 x 2.5 Work Float Chesapeake Shipbuilding New Construction
- M/V MAJESTIC AquaCharter LLC Drydock for USCG Inspection
- USCGC NEAH BAY USCG Cleveland / URSA Navigation Radar Install Support
- USCGC NEAH BAY USCG Cleveland / Vessel PO -Cooler Repair
- USCGC NEAH BAY USCG Cleveland / Vessel PO -Steel Repairs
- USCGC NEAH BAY USCG Cleveland / AVTRON -New Engine Control System (T&M)
- VALARIE B Durocher Marine Dockside Repairs
- Cleveland Fireboat CELEBREZZE City of Cleveland
   Dockside Repairs
- Gangway 4' x 20' Aluminum Siemans / PSK New Construction
- Compressor Rental FedMar Rental

- R/V MUSKEY US Geological Survey Exhaust
   System Repairs
- HandySize Tug HULL 102 ENP Honduras New Construction
- Single-screw Work Boat State of Ohio DNR New Construction
- Four (4) Section 90 x 28 x 5 Ferry Kelly Development - New Construction
- Nautica Queen Nautica Queen Emergency Steering Repairs
- US Brig NIAGARA Commonwealth of PA Routine Drydocking
- S/V HIGHLANDER SEA Acheson Ventures, Detroit MI - Drydock Availability
- Tug Kathy Lynn Ryba Marine Drydock, Inspect and Repair
- 12 x 28 & 18 x 40 Sections Rescue Marine, Marblehead, OH New Construction
- Cleveland Fireboat CELEBREZZE City of Cleveland -Dockside Repairs
- 40 x 50 Sectional Work Platform FISC Puget Sound New Construction

#### 2007

- Nautica Queen Jacobs Investments Repairs
- Tug NANCY ANN Durocher Marine Drydock & Repair
- R/V STURGEON USGS Emergency Repairs,
- Drydock & Inspect
  M/V CARLEE EMILY Kelleys Island Ferry Boat Line Drydock & Repair
- R/V EXPLORER odnr Sandusky Aluminum Rudder Repair
- Pair of 12 x 70 Construction Barges Foreman Marine
   Construction New Construction
- 14 x 40 x 3 Work Barge Blue Water Construction -New Construction
- Compressor Rental Federal Marine Terminals Rental
- Fireboat CELEBREZZE City of Cleveland FD -Routine Maintenance
- Pair of 13 x 50 x 6.5 Sectional Units NY-NJ Rail LLC -New Construction - Bridge Pontoon
- Naval Reserve LCMs Great Lakes, IL Davis Boat Works - Subcontract - Drydock, Blast & Paint (No Towing)
- Compressor Rental Federal Marine Terminals Rental
- One 10 x 4 x 4 Center Sectional Barge Waldron
   Construction / North Shore New Construction
- R/V Laurentian NOAA Dockside Steel Repairs
- Tug VALARIE B Durocher Marine Drydock & Repair
- Old River Channel Agreement Cargill Deicing
   Technology Vessel Repositioning at GLT Dock #1
- Old River Channel Agreement Cargill Deicing Technology - Vessel Repositioning at GLT Dock #2
- Nautica Queen Jacobs Investments Sewage Pipe Repairs
- Two (2) 10' x 40' x 5' Sectional Barges FISC-Puget Sound - New Construction
- 5-Section 200' Floating Breakwater Perry's Landing Marina - Port of Erie - New Construction
- R/V LAKE GUARDIAN EPA / Cetacean Marine -Repower & Wet Lab Mods

- Fireboat CELEBREZZE City of Cleveland Boiler -Troubleshoot & Repair
- M/V CALUMET Grand River / Lower Lakes Winter Work #1 - T&M
- M/V CALUMET Grand River / Lower Lakes Winter Work #2 - T&M
- M/V McKEE SONS Grand River / Lower Lakes -Winter Work #3 - T&M
- 10' x 30' x 3' Truckable Spud Barge High View Construction New Construction
- 15' x 40' x 2'8" Truckable Barge Magnum Marine, Inc. - New Construction
- 10' x 50' x 4' Floating Dock Cape Cod Bay Sails / Bay Lady II - New Construction
- R/V BLUE HERON University of Minnesota Drydock #1
- 14' x 30 x 3' Truckable Spud Barge Sawyer's Marine Construction - New Construction
- R/V LAURENTIAN NOAA Muskegon 5-Year Drydock & Repair
- 10' x 40' x 4' Pinnable Barges (2) Boater's Emergency Service - New Construction
- Fireboat CELEBREZZE City of Cleveland FD Davit Winch
- R/V KAHO USGS-Great Lakes Science Center -Drydock & Repair
- M/V CARLEE EMILY DEPOSIT Kelleys Island Ferry Boat Line - Drydock & Repair - Postponed
- Hannah Barge 2902 Hannah Marine Steel Repairs
- 38' x 14' x 3' Work Barge USACE Rock Island District - New Construction
- Brig NIAGARA Commonwealth of PA Routine Drydocking, etc.
- USNR LCMs (Qty 3) USNR Cleveland Repair Rubrails
- R/V BLUE HERON University of Minnesota Drydocking #2
- R/V STURGEON USGS Emergency Repairs, Drydock & Inspect
- 40 x 50 Sectional Work Platform FISC Puget Sound New Construction

#### 2005

- USCGC NEAH BAY USCG Pot Water Piping Repairs
- Fireboat CELEBREZZE City of Cleveland -Refurbishment - Phase III
- Hannah Barge 5101 Hannah Marine Steel Repairs
- Tug VALARIE B. Durocher Marine Drydock & Repair
- M/V CALUMET Grand River Navigation Winter Work
- Tug KARL LUEDTKE Luedtke Engineering Aft Stack Repairs
- Dock Repair Olde River Yacht Club Deliver, repair, & install dock
- Tug KARL LUEDTKE Luedtke Engineering Forward
   Stack Repairs
- Brig NIAGARA State of Pennsylvania Electrical & Fire Detection Sys
- R/V LAURENTIAN NOAA Transformer Inst at ACOE dock
- SCHAEDLER BARGES Tampa Contracting Inc Four (4) Used Truckable Barges
- M/V MISS BUFFALO II Miss Buffalo / Niagara Clipper
   Drydock & Replace Tailshaft

- USGS R/V GRAYLING USGS Drydock & Repair
- MISC VESSELS Grand River Navigation Misc Parts Handling & Delivery
- GOODTIME I George Smith Drydock, Inspect & Repair
- 12' x 30' x 3' Work Barge Veley Enterprises New Contruction
- Derrickboat Simonsen SLSDC Winterize

#### 2004

- Tug VALARIE B. Durocher Marine Drydock & Repair
- USCGC NEAH BAY USCG Aerator Fuel Tanks Repairs
- Tug JOE VAN Durocher Marine Drydock & Repair
- M/V ZIEMIA GOLNOSLASKA Polsteam USA, Inc. Side Shell Steel Repairs
- Tug CHAMPION Durocher Marine Drydock & Repair
   Phase I
- Various Tugs Durocher Marine Tank Cleaning, etc.
- Fireboat CELEBREZZE City of Cleveland -Refurbishment - Phase II
- Fireboat CELEBREZZE City of Cleveland Add'l Work (COs & Gen Pump)
- Tug CHAMPION Durocher Marine Drydock & Repair
   Phase II
- Tug VALARIE B. Durocher Marine Drydock & Repair
   Grounding
- NEAH BAY USCG Cleveland PRC Floor Covering Renewal
- Tug KOZIOL US Army Corp of Engineers Clutch Repairs
- KURT R. LUEDTKE Luedtke Engineering Company Drydock and Repair Rudder
- NEAH BAY USCG Cleveland Prep and Prime 01-Deck
- M/V JULIET ALICIA Kelleys Island Ferry Boat Line -5-year USCG Inspection
- M/V Niagara Clipper Niagara Clipper/Miss Buffalo -5-year USCG Inspection
- US Brig NIAGARA State of PA Routine Drydocking
- (1) 24 x 10 x 3 Work Boat Field's Construction Dock Master
- (2) 12 x 40s Deep Foundations Company Dock Master
- R/V KIYI USGS (5-year Contract) M&R/Drydocking

#### 2003

- DERRICKOBAT McCAULEY US Army Corp of Engineers - Steel Deck Replacement
- HOLY MOSES Diversified Resources Winter Storage
- ANTHONY J. CELEBREZZE City of Cleveland -Rehabilitation - Phase One
- SUPERIOR The Great Lakes Towing Company -Drydock and Repair
- HOLY MOSES Diversified Resources Fitout
- Tug KOZIAL US Army Corp of Engineers Hull Repairs
- CURLY B. TNT Dredging Clutch repair
- KURT R. LUEDTKE Luedtke Engineering Company Drydock and Repair
- CALUMET Grand River Navigation Propeller Repairs

- CGC NEAH BAY USCG Dockside Availability
- LAURENTIAN NOAA Misc Mods & Installations

- USCG NEAH BAY US Coast Guard Replace watertight hatch
- USCG McClane Museum in Muskegon Drydock and repair
- ALABAMA Jack Laggutta Domestic conversion
- NAUTICA QUEEN Nautica Queen, Inc (Jacobs) -Drydock and painting
- ANTHONY J. CELEBREZZE City of Cleveland Misc. maintenace and repair
- LORENTIAN NOAA A-frame fabrication
- AToN Repower Project NOAA Hydrogen Power Cell
- Barge ACOE Drydocking
- Derrick Barge ACOE Deck Repairs
- JET EXPRESS Jet Express Drydock and reapir jet seals
- M/V EAGLE Shoreline Contractors Drydock and repair rudder



#### CONTACT YOUR ONE-STOP-SHOP FOR TOWING, SHIP REPAIR, AND NEW CONSTRUCTION SERVICES.



#### VISIT US

4500 Division Avenue Cleveland, Ohio 44102-2228

#### CONTACT US

P: 216-621-4854 F: 216-621-7616 marketing@thegreatlakesgroup.com www.thegreatlakesgroup.com

#### FOLLOW US

- facebook.com/GreatLakesGroup
- Stwitter.com/GreatLakesGroup
- Inkedin.com/company/GreatLakesGroup
- instagram.com/GreatLakesGroup
- youtube.com/GreatLakesGroup

