



MARINE

STATEMENT OF CAPABILITIES

MODULAR METAL SOLUTIONS FOR GENERATIONS

Moran Iron Works | 11739 M68/33 | Onaway, MI USA | 989.733.2011 | moraniron.com

CORE COMPETENCIES

CONTACT

Sales & Estimating
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ABOUT

Moran Iron Works (MIW) is a dynamic fabrication facility specializing in large, modular, custom welding and industrial fabrication projects with over four decades of experience in a variety of industries including industrial, power, marine, and hydraulic structures. Our diversified portfolio and company culture of integrity creates the polished, state-of-the-art skill behind each project.

DIFFERENTIATORS

Capacity & Workforce Training

- 125,000 sq. ft. fabrication and machining facility
- Highly-trained workforce that allows quick and seamless fabrication
- Turnkey project solutions from estimating to installing

Equipment & Facilities

- Indoor overhead cranes
- CNC plasma cutting
- Advanced rolling and forming
- Robotic welding capabilities
- High-wire corridor gives access to haul large modules
- Deepwater Port allows for unlimited laydown and shipping in the Great Lakes tributaries

Quality & Safety

- CWI and CWS certifications ensuring impeccable quality
- All safety/quality personnel have average of 17 years' experience
- Each shop employee trained in PPE, Overhead Crane, Manlift Powered Industrial Trucks, Confined Space, Hazcommunication, Fall Protection, Lockout-Tag Out, and Machine Guarding

CERTIFICATIONS

American Institute of Steel Construction

- (CBR) Major Steel Bridges
- (IBR) Certified Bridge Fabricator – Intermediate
- (HYD) Hydraulic Steel Structures
- (FCE) Fracture Critical Endorsement
- (P2) Sophisticated Paint Endorsement

American Welding Society

- Certified Welding Fabricator

National Commission Certification of Crane Operators

COMPANY DATA

Year Established

1978

UDI

S89ZWMV3CM63

Cage Code

0NYK6

NAICS Codes

332312, 336611, 333611, 332313, 332311, 332410, 332470, 332710



C E R T I F I E D



STANFORD H. SMITH Moran Iron Works was awarded the contract to build a 56'9" research vessel. Using plasma cutting and forming equipment, MIW precision-cut and formed all aluminum plate and structural members used in the hull construction before preparing and welding the hull. In all, over a dozen specialized navigation and research systems are included in the vessel with the entire electrical system measuring over two miles in length. The boat is powered by twin John Deere 500 HP diesel engines and is designed to reach a speed of 20 knots. The Stanford H. Smith was launched in October 2017 for sea trials and preparation for delivery to its home port of Kewaunee, Wisconsin.

Customer	U.S. Fish & Wildlife Service, New Franken, WI
Location	For operation in Lakes Michigan, Huron, and Superior
Architect	SeaCraft Design - Sturgeon Bay, WI
Hull Construction	Aluminum
Statistics	56'9" Length - 16' Beam - 6'1" Depth (Molded) - 4'6" Draft (Max)
Dates of Performance	January 2017 - October 2017

KOKOSING III & IV Moran Iron Works was awarded the contract to build two ocean going deck barges for Durocher Marine, a division of Kokosing Construction Company Inc., based in Cheboygan, Michigan. The two deck barges are 180' X 54' X 12' and built in accordance with International Maritime Organization (IMO), ABS, and USCG regulations and classifications. The barges follow ABS rules for building and classing steel barges for offshore service. They are classed as ABS + A1 Ocean Service Deck Barges and have an International Load Line Certificate. Both barges were launched in mid-April 2015 at the deep water port in Rogers City, Michigan at the company's Port Calcite facility.

Customer	Durocher, a Division of Kokosing Construction Co., Inc.
Location	For operation in the Great Lakes
Weight	500 ton each
Material	Steel
Statistics	180' Length - 54' Beam - 12' Depth
Dates of Performance	May 2014 - April 2015



PAST PERFORMANCE



MISS MARGY Moran Iron Works was awarded the contract to construct a high speed aluminum passenger vessel to operate in the Straits of Mackinac. The MISS MARGY is a K Class passenger vessel built in accordance with U.S. Coast Guard regulations. Moran worked with SeaCraft Design, a naval architecture and design firm based in Sturgeon Bay, Wisconsin, for the vessel design. The vessel was launched at Port Calcite in late May 2015. It was taken to its homeport in Mackinaw City where final cosmetic touches have been applied. The vessel was christened in July 2015 and underwent final sea trials prior to its formal addition to the fleet in late September 2015.

Customer	Shepler's Mackinac Island Ferry
Location	For operation in the Straits of Mackinac, MI
Architect	SeaCraft Design
Hull Construction	Aluminum
Statistics	85' Length, 22' Breadth, 9' Depth
Dates of Performance	December 2014 - September 2015

SACRE BLEU Moran Iron Works was contracted by Shepler's to perform vessel modification and repower project on this vessel. The scope of work included extensive updates to the bow design as well as hull and deck strengthening reinforcements for increased durability, specifically for the purpose of allowing for an extended navigating season through ice-to-ice operational capabilities. In addition, a full fixed CO2 fire suppression system was installed.

The vessel was hauled out at Port Calcite where the forward section of the vessel was removed as was most of the deck plating, leaving the aft and mid sections, the original decklevel pilot house, and internal framing still intact. A new redesigned 25' bow section was fabricated at our main fabrication shop in Onaway, as was a 47' fully-equipped pilot house and passenger cabin. Both the new bow section and the pilot house were transported to the Port Calcite facility where they, along with the new heavier deck plating, were attached to what remained of original vessel. Work was completed, and the SACRE BLEU was delivered in early May, in time for the 2013 season.



PAST PERFORMANCE