



CASE STUDY

CONSTRUCTION OF HIGH SPEED ALUMINUM PASSENGER FERRY

September 2015

Miss Margy

Shepler's Mackinac Island Ferry

Straits of Mackinac, MI

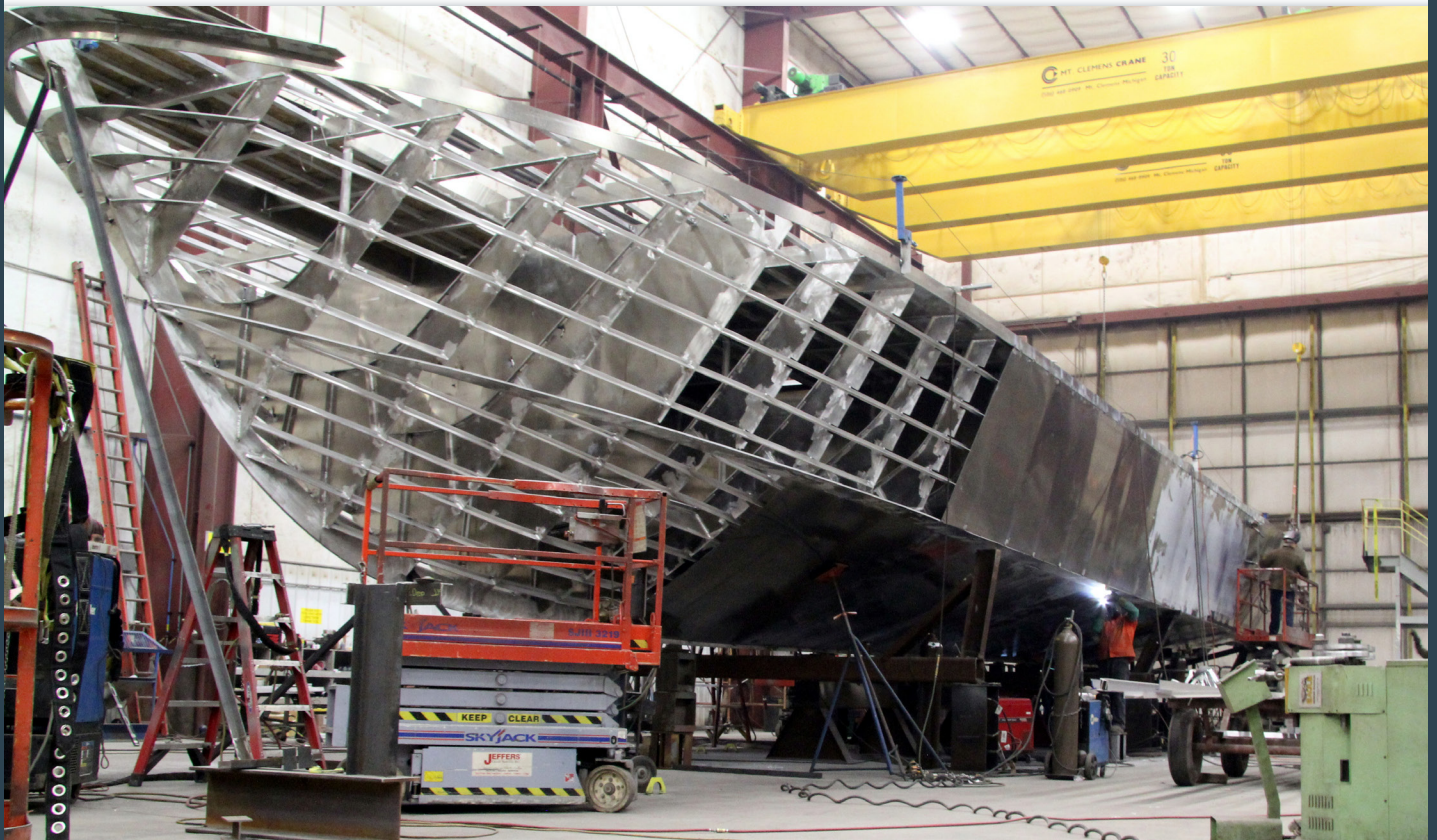
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Moran Iron Works was awarded the contract to construct a high speed aluminum passenger vessel to operate in the Straits of Mackinac. The MISS MARGY is a K Class passenger vessel built in accordance with U.S. Coast Guard regulations. Moran worked with 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

PROJECT DURATION

Dec. 2014 - Sept. 2015

COST

\$3.8 million

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DIMENSIONS

Length: 85 ft
Breadth: 22 ft
Depth: 9 ft

WEIGHT

68 Tons

MATERIAL

Aluminum

ENGINES

Three 2000 hp

CAPACITY

281 Passengers



OPERATING SPEED

40 mph

OTHER

Classified USCG -
Title 46 CFR Chapter
I Subchapter K: Small
Passenger Vessels
Carrying More Than
150 Passengers

Climate-controlled
interior with air
conditioning and
fog-free windows

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