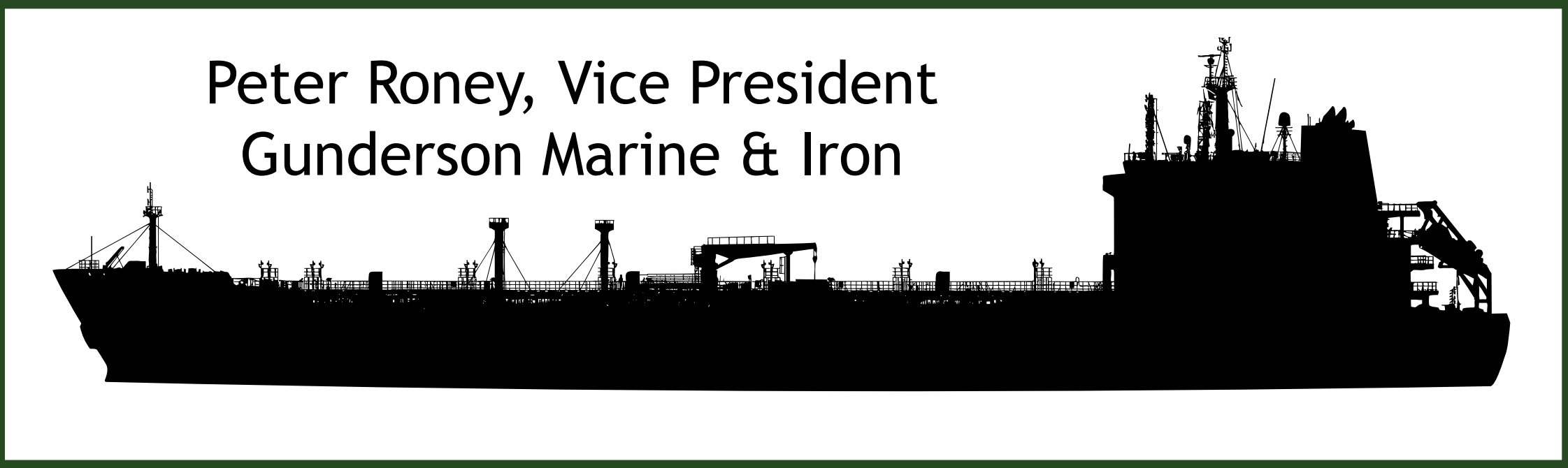
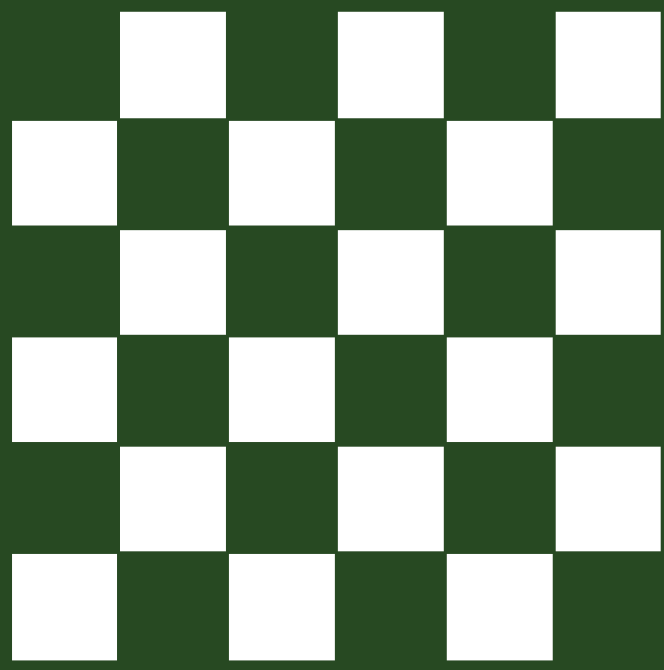
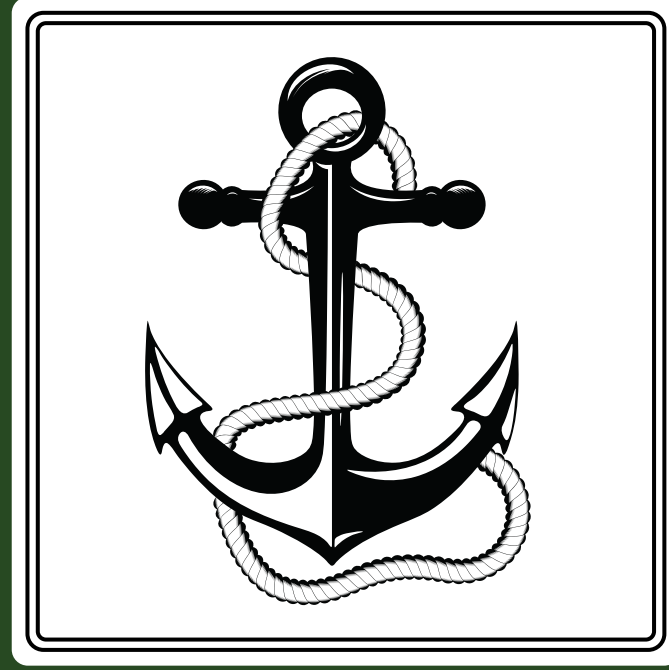
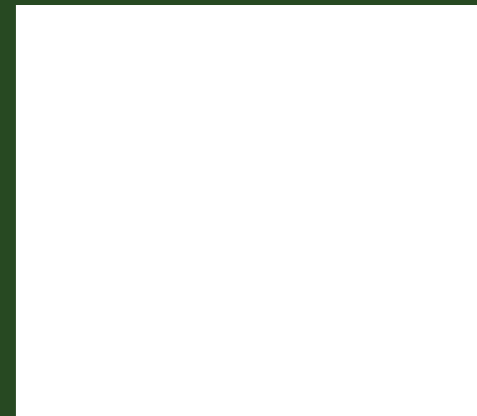


**ADVANCED SHIPBUILDING AND
REPAIR FOR MODERN
MARITIME PROJECTS**



Peter Roney, Vice President
Gunderson Marine & Iron

GUNDERSON MARINE & IRON



Company Overview:

- Specialties: Shipbuilding, marine engineering, complex fabrication
- Recent Achievements: Expanding capabilities, building state-of-the-art vessels and infrastructure

Key Projects:

- McMurdo Pier Barge
- Articulated Tug Barge (ATB)
- Poly Chrome Bridge
- Pearl Harbor Caisson



MCMURDO PIER BARGE

PROJECT DETAILS

- Scope: Unmanned, non-self-propelled steel deck barge for U.S. Army Corps
- Location: Antarctica
- Features: Reinforced hull for extreme cold and ice conditions, floating pier functionality
- Design challenges and solutions for operating in extreme environments
- Construction and logistics for delivering to Antarctica
- How the barge supports U.S. Antarctic Program operations

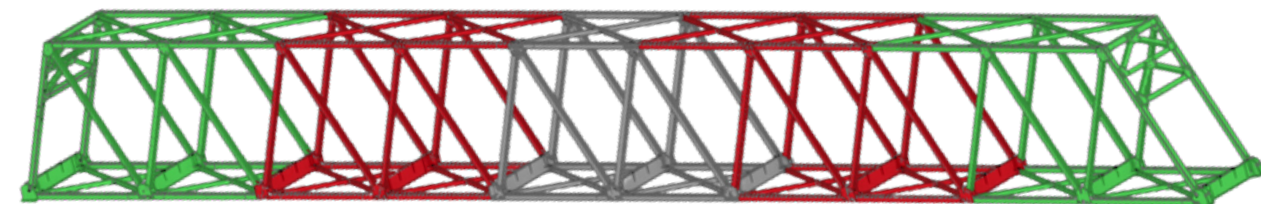


POLYCHROME BRIDGE



PROJECT DETAILS

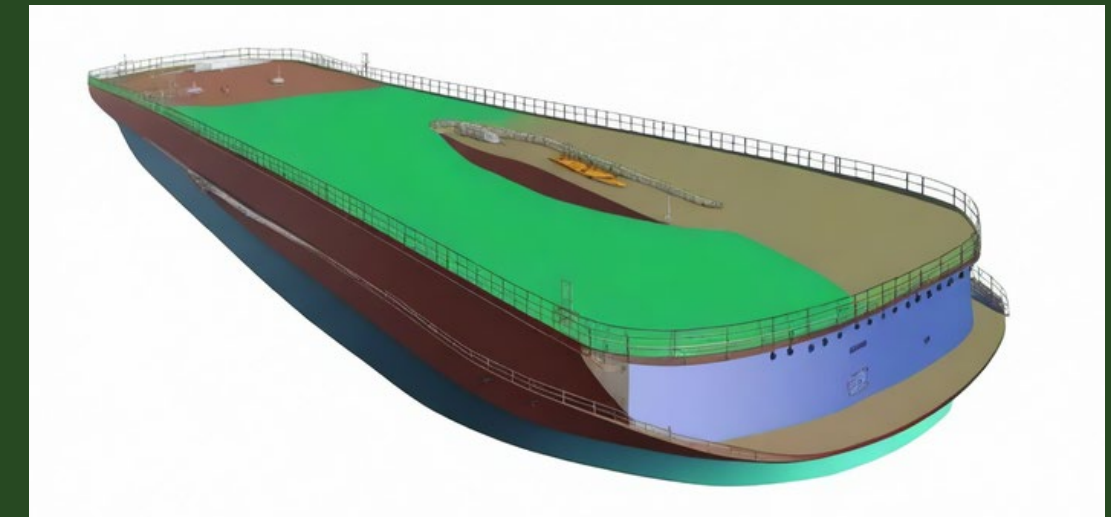
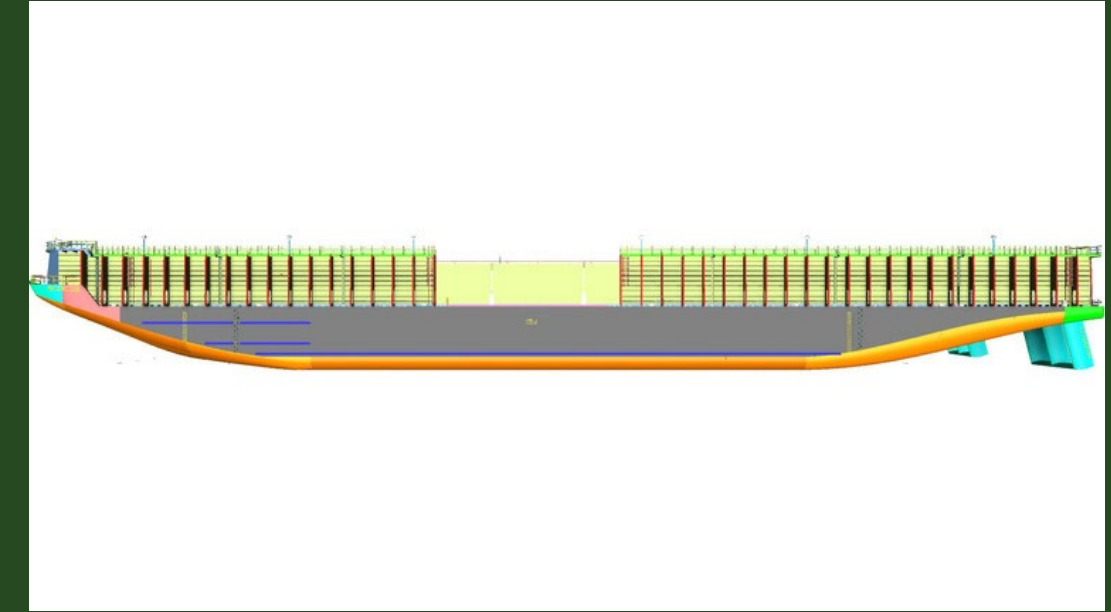
- Location: Denali State Park, Alaska
 - Scope: Steel truss bridge construction
 - Partnerships: KWH Constructors, Granite Construction
 - Completion: May 2024
-
- Innovative aspects of the Poly Chrome Bridge project
 - Contributions to infrastructure development in challenging environments



ARTICULATED TUG BARGE

PROJECT DETAILS

- Scope: Construction of 2 x 204K BBL ATBs and 1 x 55K BBL ATB for multiple customers
- Innovations: Advanced hull designs, high-strength materials, enhanced fuel efficiency
- Impact: Increased operational flexibility, improved cargo capacity, optimized for challenging conditions
- Design and engineering considerations for large-scale ATBs
- Key technological advancements in hull construction
- Benefits and applications of these ATBs in the maritime industry



OTHER PROJECTS



PEARL HARBOR CAISSON

The Pearl Harbor Caisson represents a significant engineering achievement in maritime construction.

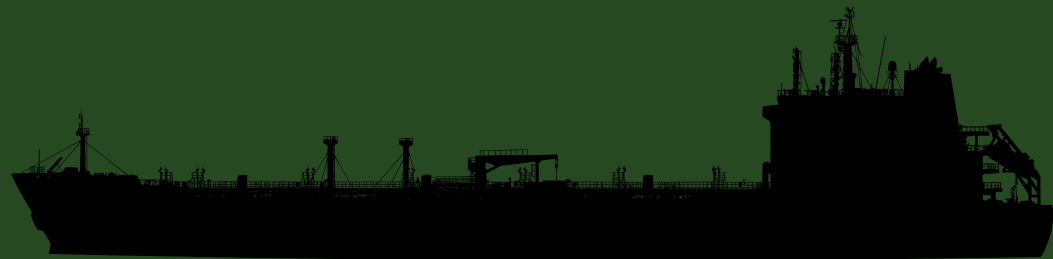
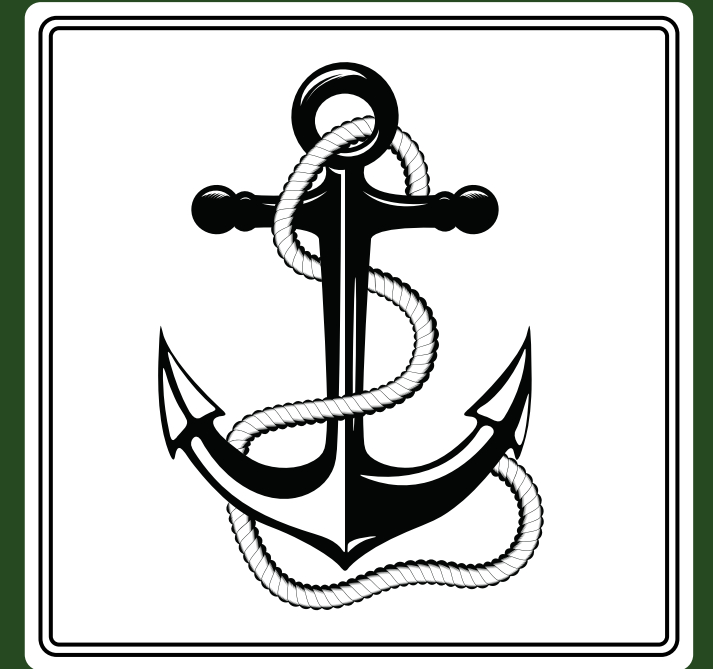
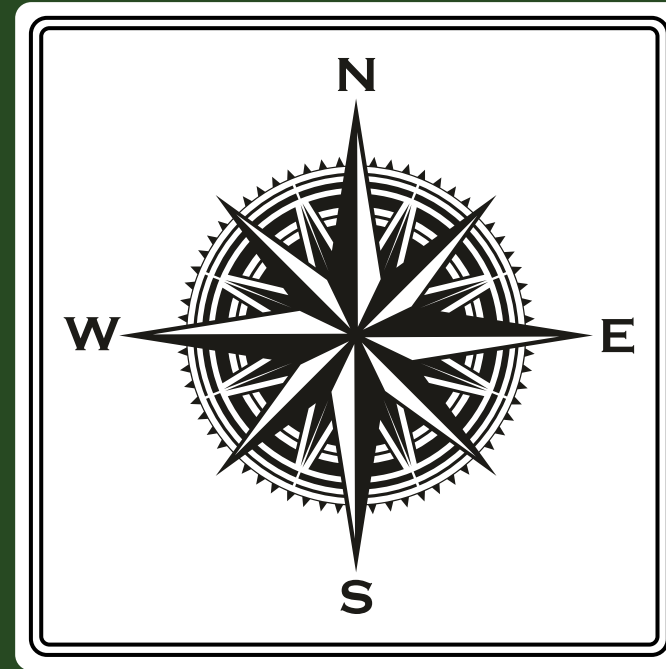
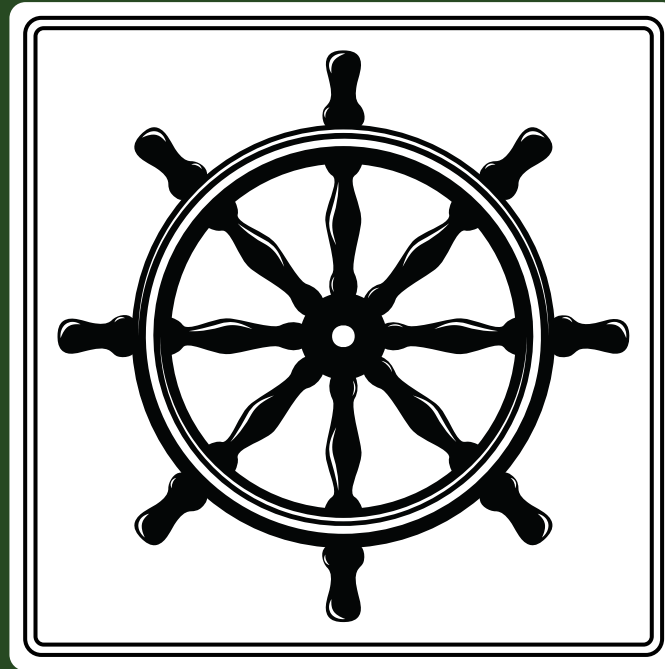
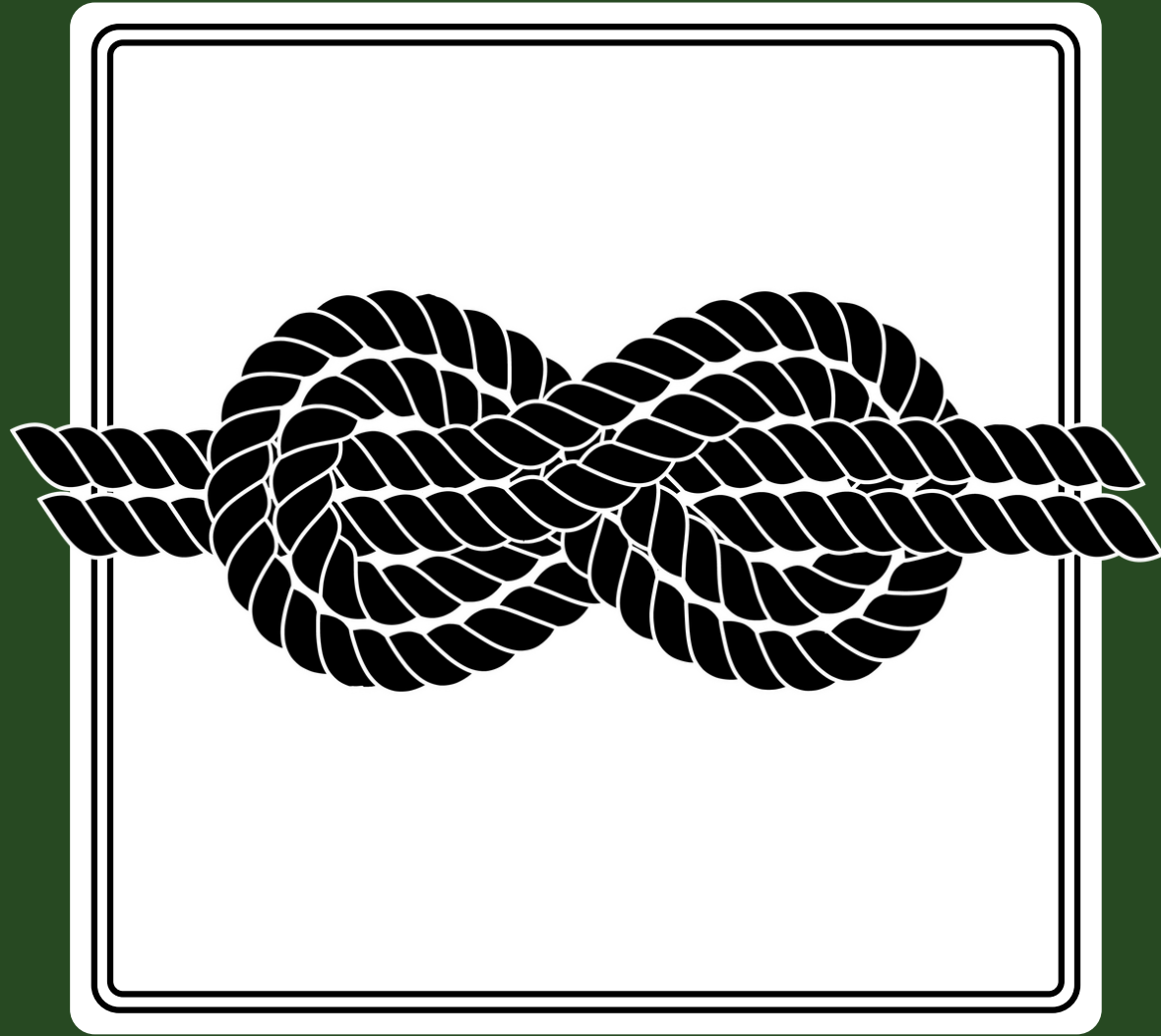
This project highlights our expertise in fabricating large-scale structures capable of withstanding challenging environmental conditions. The caisson's robust design ensures durability and operational efficiency, supporting ongoing naval operations and maintenance at Pearl Harbor.

MOBILE SHIP TARGET

The Mobile Ship Target project demonstrates our capability in constructing highly specialized vessels for defense applications.

This project involves the design and build of a mobile target used for naval training and weapon systems testing. With advanced materials and precision engineering, the ship target provides valuable data and simulation capabilities, enhancing the effectiveness of maritime defense strategies.





CLOSING REMARKS

AND FOLLOW-UP QUESTIONS

