MARITIME APPLIED PHYSICS CORPORATION
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Experienced Innovators, Engineering for Extremes

Naval Architecture

Unmanned Systems/Sensor Platforms

Land, Air and Marine Vehicles

From Prototyping to Manufacturing

Launch and Recovery Systems

Electrical Engineering
Maritime Applied Physics Corporation (MAPC) is an employee owned research and development company best known for its advanced hulls, unmanned marine and land vehicles, and motion compensated land, air, and marine vehicle launch and recovery systems.

Our experienced engineers have built and tested many first-of-a-kind and proof of concept prototypes while also manufacturing specialized vehicles, vessel subsystems, and equipment with extremely challenging requirements.

Advanced vehicle instrumentation, design, simulations and testing:
- Complex mechanical sensors, systems and instruments
- Hydrodynamic, Kinematic, and Thermal Simulations
- GIS Integration
- Tow Tank Models and Tow Tank Testing

Engineering, Fabrication and Protoyping Services:
- Welding and Machining
- Marine Test Equipment
- Rapid Prototyping
- Metal Fabrication
- Custom Instrumentation & System Integration

High Speed/High Sea-State Low Motion Platforms and Marine Vessels Control Systems (constant tension, motion compensation, dynamic positioning, catenary prediction, motion reduction)


MAPC has over 20 years of experience in designing and producing unmanned systems both on-shore and off.