



MARINE VENTURES

## CORPORATE CAPABILITIES



Formed in 2009, Marine Ventures International, Inc. (MVI) has provided marine environmental science and sampling personnel for offshore and coastal field operations associated with oil spill response, dredging activities, pipeline installation, and mitigation activities in the United States and worldwide. A registered Small Business in Florida, MVI increased its core staff in 2017 to expand various business focus areas into a broad-spectrum provider of services, personnel, and equipment to support ocean and coastal projects worldwide. We are a multifaceted solutions provider working with a range of private sector clients and government agencies.

Our team of professionals work in a variety of sectors including international submarine fiber optic cable systems, coastal monitoring and mitigation for protected species and habitats in near and offshore waters. We offer expertise in the fields of ocean observing systems, maritime engineering, ROV operations and training, environmental consulting, marine mammal observation, offshore sampling operations, and the provision of Subject Matter Experts to address marine environmental issues for clients in these industries.

Safety is a core function of MVI's professionals; through their years of experience at sea and on-shore, our team maintains a situational awareness that keeps safety foremost in the daily work plan. MVI has extensive marine insurance coverage for vessel charter and marine operations to mitigate customer risk in the marine environment and has an excellent HSSE track record with a program in place to address training, adherence and reporting.

### CORE SERVICES

- Protected Species Observation
- Submarine Cable Specialists
- Technical and Engineering Services
- Government Services
- Marine Environmental Consulting
- Subject Matter Experts



**PROTECTED SPECIES OBSERVATION**

MVI has an international pool of Protected Species Observers (PSOs) and Marine Mammal Observers (MMOs) who are trained or authorized under the guidelines and requirements of the Bureau of Ocean and Energy Management (BOEM), Bureau of Safety and Environmental Enforcement (BSEE), Joint Nature Conservation Committee (JNCC) and the National Marine Fisheries Service (NFMS)—ensuring they are qualified and experienced to meet the mandates set forth by permit conditions and licensing requirements for mitigating impacts to marine animals during marine construction operations. Many of our observers are trained in the installation and use of Passive Acoustic Monitoring (PAM) during nighttime operations, and all observers are available for 24-hour monitoring in the U.S. and around the world.

Our observers are experienced in oil and gas operations, dredging, seismic surveys, underwater construction, blasting, pile driving, and beach nourishment projects. MVI also offers shorebird monitoring during beach nourishment and other permitted coastal construction projects in Florida and along US shorelines.

**SUBMARINE CABLE PROJECTS**

MVI submarine cable specialists have a combined experience of over 100 years working in the submarine fiber optic cable industry, contributing in areas ranging from plant manufacturing, route planning, route survey, shore end operations and at-sea operations onboard cable ship and barges as well as project, engineering and commercial specialties. We also have hands-on experience in renewable energy and submarine power cable project planning and implementations.

MVI provides experienced submarine cable specialists that are seasoned professionals who have the ability to deliver to the customer's expectations and can provide sound advice for your project's implementation. Our specialists will serve as your technical and commercial representatives, ensuring that the quality of the service provided by your subcontractors conforms to the specification, scope of work and terms of the supply contract.

MVI submarine cable personnel have worked on and managed projects world-wide from the Arctic, the Americas, the Caribbean, Africa, Europe, the Middle East and Asia-Pacific. MVI engineers, SMEs, experienced project managers and submarine cable specialists are available to support each phase of your project.



## TECHNICAL AND ENGINEERING SERVICES

MVI's professional portfolios include a wide range of simple to complex technical and engineering skillsets in the marine environment, in both US and international waters above and below the waterline. MVI engineering capabilities include mechanical, electrical and ocean engineering as well marine technical services such vessel mobilization / demobilization and logistics support.

MVI can manage deck equipment operations, vessel navigation and sampling with oceanographic equipment required for spill response support as well as ROV sampling equipment integrations, operations and training.

Our approach is to deliver discrete, bespoke solutions for our clients - small businesses, large corporations and government agencies. We scale our programs to our clients' requirements and technical specifications, while keeping focus on budget and timeframe priorities and preferences. Our ultimate goal is to deliver solutions fit for purpose in a professional manner, with a requirement to exceed client expectations on each occasion.

## GOVERNMENT PROJECTS

MVI provides a wide range of technical and program management experience in marine engineering programs such as subsea research and development projects and engineering operational solutions for our maritime and defense customers. Working with a cadre of other small and large businesses, MVI develops, manages and delivers end to end solutions which meet our customer requirements in a timely and cost-effective manner. We have Master Services Agreements in place with ship owners and operators, subsea equipment suppliers as well as teaming agreements with several key providers of environmental services.

Our key personnel have experience in designing, developing, and deploying satellite and subsea communications networks, including subsea nodes, oceanographic instrumentation, offshore buoys for power and communication purposes, and fiber optic systems. MVI works with affiliated engineering companies in design, fabrication, test, evaluation, inspection, maintenance, and repair of sophisticated tracking systems, underwater acoustic sensors, waterfront facilities, offshore structures, moorings, and autonomous underwater vehicles.



## MARINE ENVIRONMENTAL CONSULTING

While providing multi-disciplinary environmental solutions for coastal and offshore development projects, MVI offers our clients high quality, cost efficient environmental consulting and project management in a wide variety of marine ecosystems. Whether offshore or at the land-sea interface, our staff have the background in scientific design, marine impact assessment, regulatory requirements, monitoring and mitigation to offer our clients quality service from project conception through the final monitoring completion report. MVI specializes in creating effective approaches using all necessary operative tools to design programmatic solutions to meet our clients' needs.

Our team is experienced and knowledgeable in seagrass, coral reefs, oyster reefs, and nearshore hardbottom assessment, resource mapping, monitoring, restoration, and mitigation. We offer program management and technical support for regulatory needs such as Environmental Impact Assessments (EIAs), Natural Resource Damage Assessments (NRDAs), and compliance with special conditions within state, federal and international permits, representation in public forms, collaborating with coastal engineers, and GIS-database development. MVI personnel are experienced in conducting field monitoring programs and maintains comprehensive marine and diving insurance for all inshore marine operations.

## SUBJECT MATTER EXPERTISE

The MVI Subject Matter Expert (SME) division provides senior, experienced expertise to solve marine environmental issues facing our oil and gas clients. We specialize in timely, high-quality, practical solutions to problems that affect our clients' ability to conduct business globally. Our SMEs have extensive technical and operational expertise and in-depth regulatory knowledge borne out of many years of service within major O&G operators to assist oil and gas clients in addressing environmental issues and managing ecological risks.

Our consultants can provide technical and regulatory support in dealing with U.S. and international agencies. MVI's SMEs provide the highest level of expertise in performing specialized scientific, technical and policy reviews, analyses, and tasks in a range of fields to tackle issues of varying size and complexity.



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