

Expedition Audacity Research Foundation

Science. Storytelling. Accountability.



SUPPORT THE NEXT PHASE OF FIELD OPERATIONS

PROGRAMME PRIORITIES

Expedition Audacity Research Foundation is expanding the operational infrastructure required to support long-range research, documentation, and Indigenous-partnered environmental work.

Current programme priorities focus on three areas of capability that strengthen field operations across multiple expeditions.

Programme Targets

Expedition Vessel Platform	—	\$750K
Subsea ROV Systems	—	\$600K
Seafloor Mapping Initiative	—	\$450K
Total Infrastructure Target	—	\$1.8M

LEADERSHIP SUPPORT OPPORTUNITIES

The next phase of Expedition Audacity's field operations is supported through several programme areas. Some partners choose to contribute to specific components that align with their interests or capabilities.

Expedition Vessel Platform

Programme development target: \$750,000

Leadership opportunities may include:

- vessel acquisition support
- navigation and communications systems
- onboard research infrastructure
- safety and expedition readiness systems

Subsea Systems Programme

Programme development target: \$600,000

Leadership opportunities may include:

- research-configured ROV system
- documentation-configured ROV system
- manipulator and sampling tools
- launch and recovery systems

Seafloor Mapping Initiative

Programme development target: \$450,000

Leadership opportunities may include:

- multibeam mapping system
- seabed imaging capability
- sub-bottom profiling tools
- onboard processing and survey integration

These capabilities support scientists, educators, Indigenous partners, and expedition crews working across multiple missions.

EXPEDITION VESSEL PLATFORM

Programme Target: \$750K

A dedicated expedition vessel configured for long-range field operations.

This platform supports research teams, educators, media crews, and Indigenous partners working in remote environments.

Programme development includes:

- vessel acquisition
- refit and safety systems
- expedition communications and navigation
- onboard research and documentation infrastructure
- operational readiness and training

The vessel functions as the shared platform supporting multiple programmes and missions.

SUBSEA ROV SYSTEMS

Programme Target: \$600K

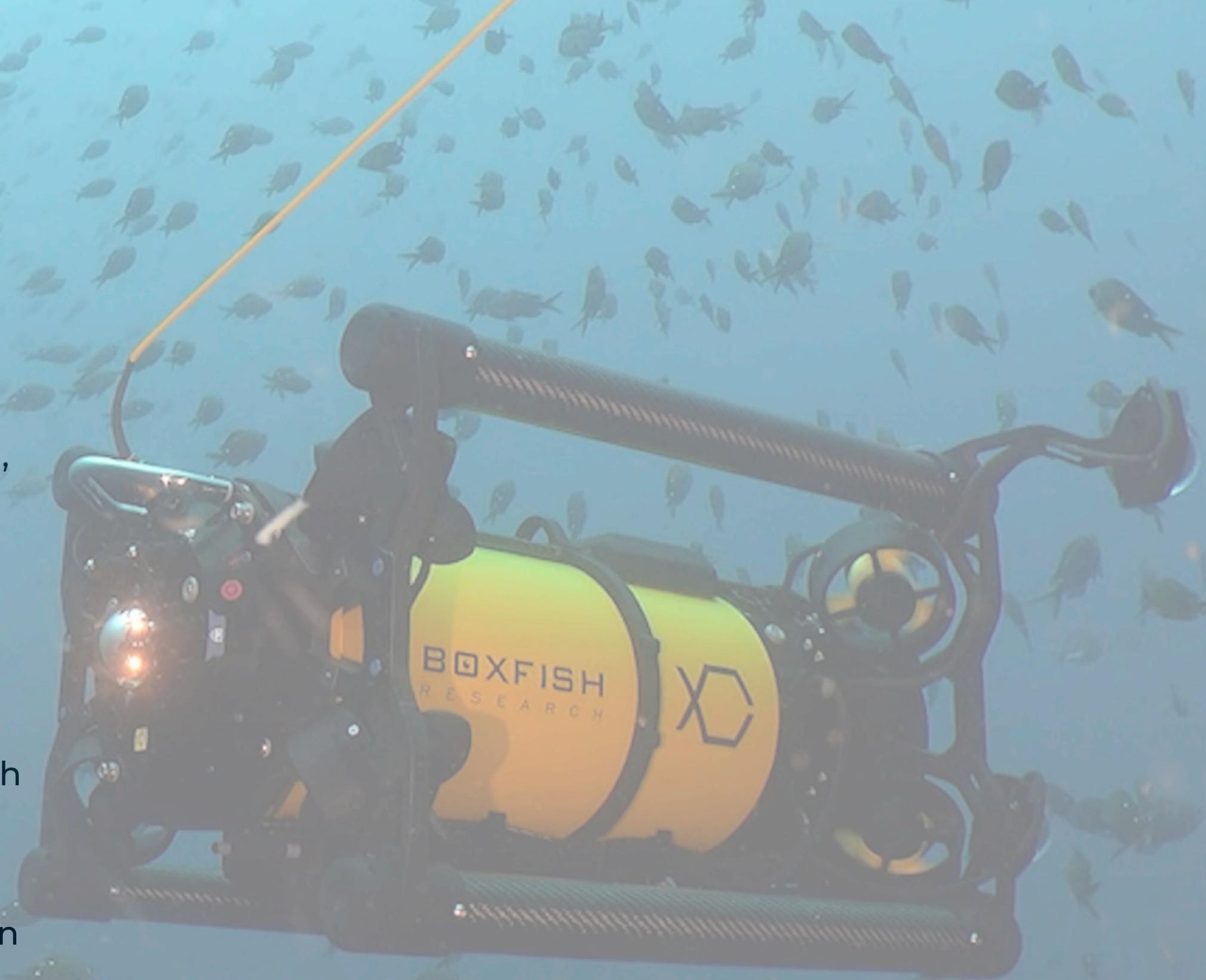
A paired remotely operated vehicle system rated to 1,000 metres.

Two complementary units support scientific work, visual documentation, and equipment redundancy during missions.

Programme development includes:

- research-configured ROV with sampling capability
- documentation-configured ROV with imaging systems
- manipulators, sensors, and tooling
- launch and recovery systems
- training and deployment preparation

These systems extend field capability below safe dive limits.



SEAFLOOR MAPPING INITIATIVE

Programme Target: \$450K

A compact seabed mapping capability designed for expedition deployment in under-surveyed waters.

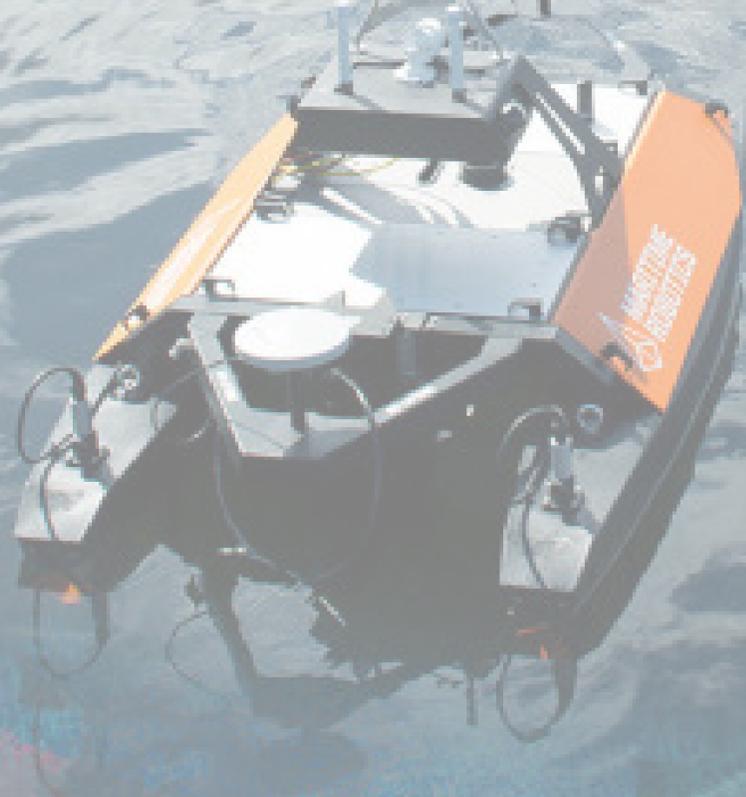
Programme development includes:

- multibeam or equivalent bathymetric mapping system
- seabed imaging capability
- sub-bottom profiling tools
- onboard data processing infrastructure
- field integration and operator training

This capability supports research, habitat understanding, and marine planning in remote regions.

The black is where we still need modern measurements at a reasonable resolution

WHAT THESE CAPABILITIES ENABLE



When these systems are in place, Expedition Audacity can operate as a fully equipped expedition platform supporting research, documentation, and Indigenous-partnered environmental work in remote regions.

Together, the vessel platform, subsea systems, and mapping capability allow teams to work across the full ocean environment.

Field operations may include:

- long-range research expeditions in remote waters
- deep-water observation and documentation beyond safe dive limits
- seabed mapping in regions where detailed survey data remains limited
- collaborative fieldwork with Indigenous communities and researchers
- education and mentorship for early-career scientists
- professional documentation that supports public understanding of marine environments

These capabilities are used across multiple expeditions and programmes, providing shared infrastructure for scientists, educators, and expedition crews working in environments where consistent field access is limited.

OPERATIONAL INFRASTRUCTURE

Total Infrastructure Target: \$1,800,000

These capabilities form the operational backbone used by scientists, educators, and expedition crews working across multiple missions.

Ways Partners Engage

Partners typically support one or more programme areas through:

- programme development contributions
- operational equipment partnerships
- expedition provisioning and logistics support
- collaborative research initiatives

Partnerships are structured around defined operational needs.

THE INVITATION

Christopher Redman,
Founder & Captain

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SUPPORT THE NEXT PHASE OF FIELD OPERATIONS

Expedition Audacity Research Foundation is expanding the operational infrastructure that supports long-range research, documentation, and Indigenous-partnered environmental work in remote marine regions.

Current programme development focuses on three operational capabilities.

Expedition Vessel Platform

Programme Target — \$750K

Dedicated expedition vessel supporting research teams, educators, media crews, and Indigenous partners operating in remote regions.

Subsea ROV Systems

Programme Target — \$600K

Paired remotely operated vehicles capable of operating to 1,000 metres for research, documentation, and subsea investigation.

Seafloor Mapping Initiative

Programme Target — \$450K

Compact mapping systems generating bathymetry, seabed imagery, and sub-surface context in under-surveyed waters.

Ways Partners Engage

- programme development contributions
- operational equipment partnerships
- expedition provisioning and logistics support
- collaborative research initiatives

Partnerships are structured around defined operational needs.

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