CONCEPT OF OPERATIONS (CONOPS)

Grenada Coastal Resource and Environmental Stewardship Trust Inc. (G-CREST)

1. Executive Summary & Legal Foundation

The Grenada Coastal Resource and Environmental Stewardship Trust Inc. (G-CREST) is formally incorporated under Section 5 of the Companies Act Cap 58A of the 2010 Continuous Revised Laws of Grenada as a non-profit company. This Concept of Operations (CONOPS) maps the strategic mandate defined in its Articles of Incorporation into actionable field mechanisms, structural governance matrices, operational phases, and data-sharing workflows.

1.1 Corporate Structure & Statutory Compliance

Authorized Share Capital: The Company has no authorized share capital.

Pecuniary Gain Restrictions: The enterprise is conducted entirely without pecuniary gain to its members. All profit or asset accretions must strictly be utilized to further the company's environmental and maritime undertakings.

Political & Religious Neutrality: G-CREST is structurally prohibited from participating in party-political campaigning, candidate advancement, or the promotion of specific religious beliefs. It maintains absolute mandate clarity to engage directly with state authorities on public policy, environmental security, and maritime safety.

2. Strategic Pillars & Operational Mechanics

G-CREST translates its charitable and benevolent nature into five primary operational pillars designed to protect the marine architecture of Grenada and empower its coastal communities.

2.1 Marine Conservation & Environmental Protection

Ecosystem Tracking: Active protection, restoration, and tracking of coastal biodiversity, marine habitats, water quality, and local fisheries resource frameworks.

Baseline Mapping: Cataloging critical marine environments, water-quality hot spots, and vulnerable reef ecosystems, with an acute geographic focus on high-density anchorages such as Clarks Court Bay and Hog Island.

Sustainable Infrastructure Expansion: Transitioning traditional anchoring fields into advanced, habitat-protective eco-moorings to minimize direct anchor damage to coral structures.

2.2 Maritime Safety & Responsible Mooring Management

Voluntary Registries: Deployment of structural systems to guarantee responsible anchoring, vessel handling, and mooring. G-CREST administers registries for moorings, vessels, and marine infrastructure.

Third-Party Technical Audits: Coordinating independent, qualified marine surveyors and certified local divers to perform mandatory biennial physical inspections and maintenance schedules on registered ground tackle.

Proactive Vessel Guardianship: Establishing voluntary guardianship programs, clear standard operational procedures, and localized safety support networks to proactively resolve space conflicts and manage unattended or abandoned crafts through cooperative stakeholder arrangements.

2.3 Community Development & Public Awareness

Socio-Economic Upskilling: Direct upskilling of Grenadian coastal communities by providing specialized training, certifications, and reliable local employment paths in marine maintenance, eco-stewardship, waste logistics, and sustainable coastal recreation.

Continuous Workforce Development: Create and certify local Grenadians who can provide professional services for vessel guardianship, mooring inspections, cleaning, and allied maritime support services. From Month 13 onward, the primary operational focus pivots strictly to the ongoing maintenance of this certified list and continuous, rolling training cycles to keep skills updated.

Public Outreach: Publishing localized maritime codes of conduct, low-impact anchoring guides, and waste management strategies tailored for recreational and commercial boaters.

3. Institutional Governance Structure

To ensure full fiduciary accountability, complete transparent administration, and absolute compliance with legislation, G-CREST operates under a multi-tiered governance structure designed to bridge grassroots maritime needs with government policy.

Governing Body	Composition	Primary Operational Oversight & Mandate
Board of Trustees / Directors	5–7 Appointed Experts (including all directors and co-opted local community leaders).	Fiduciary governance, corporate strategy approval, legal accountability to the Registrar of Companies, and final asset allocation review.
Advisory Council	Representatives from Coastal Communities, Fishermen Cooperatives, Yachting Sector, Marinas, and Marine Protected Areas (MPAs).	Serves as the voice of local stakeholders; provides on-the-ground field updates, ensures user equity, and coordinates community integration.
Executive Secretariat	Managing Director, Conservation Lead, Maritime Safety Coordinator.	Daily execution of field logistics, administrative workflow oversight, volunteer coordination, and managing mooring application intake.

Technical Registry Unit	Qualified Marine Surveyors & Data Technicians.	Administers mooring databases, reviews physical inspection logs, maps GPS coordinates, and packages dataset handovers.

4. Four-Phase Operational Lifecycle Strategy

The implementation matrix of G-CREST is divided into a strategic four-phase evolution loop to expand capabilities, mitigate initialization risks, and stabilize maritime infrastructure.

Phase 1: Foundational Mooring Registration and Compliance (Months 1–12)
Establish the democratic framework for mooring registration using precision GPS-mapped sites. Implement initial structural compliance checks, secure basic guardianship agreements, and build the initial voluntary registry base to stabilize current anchorage densities.

Phase 2: Core Expansion and Program Defense (Months 13–24)
Activate advanced coordination loops with Grenadian authorities. Focus operations on continuous rolling training cycles for certified local technicians and the proactive maintenance of registries. Deploy voluntary safety monitoring to log non-compliant or hazardous anchoring layouts.

Phase 3: Value-Added Streams and Sustainable Frameworks (Year 3+)
Introduce standardized, centralized maintenance tracking systems and launch dedicated eco-mooring deployment programs through public-private partnerships. Facilitate coordination with marine insurance providers to assess liability reductions for vessels utilizing audited, registered ground tackle.

Phase 4: Long-Term, High-Impact Horizons (Year 5+)
Pursue long-horizon environmental stewardship initiatives, including advanced vessel surrender and responsible disposal mechanisms to permanently prevent shipwrecks, and scale data models into a regional Caribbean mooring ecosystem framework.

5. Key Performance Indicators (KPIs) — 12-24 Month Roadmap

G-CREST targets measurable indicators across its first two operational fiscal cycles to validate regulatory and charitable progress.

Operational Domain	Target Metric (Months 1–12)	Target Metric (Months 13–24)
Mooring Registration & Mapping	Log existing ground tackle assets within Clarks Court Bay & Hog Island via GPS mapping into the voluntary registry framework.	Achieve 100% baseline tracking visibility within localized Marine Protected Areas (MPAs) to catalog compliant versus unverified infrastructure.

Ecosystem Safety & Audits	Coordinate initial structural mooring safety inspections via certified local third-parties.	Establish 100% cyclical annual audit tracking loops for logged installations to prevent tackle failure and reef drag.
Socio-Economic Development	Create and certify local Grenadians who can provide professional services for vessel guardianship, mooring inspections, cleaning, and allied maritime support services.	Pivot primary operational focus to ongoing database maintenance of the certified service provider list and launch rolling continuous training tracks.
Resource Mobilization	Secure baseline environmental grants and launch intake channels for voluntary registration/administrative fees.	Achieve operational self-sustainability for data workflows, with 100% of nominal fee surpluses reinvested into marine habitat restoration.

6. Inter-Ministerial Information-Sharing Workflows

G-CREST functions as a vital public-service data node, actively sharing resources, providing real-time information, and supplying comprehensive maritime datasets to state bodies to assist them in their official duties, streamline permitting channels, and strengthen compliance loops.

Data is compiled by the Technical Registry Unit and distributed as Information Handover Packages to the following authorities:

Ministry for the Blue Economy & Grenada Fisheries Department:
Data Supplied: Standardized GPS mooring coordinates, anchorage density analytics, and habitat impact mapping.
Operational Intent: To align private and commercial vessel activity with national marine spatial planning, protect local fishing zone frameworks, and support standard ecological policies.

Grenada Coastguard & Port Authorities:
Data Supplied: Active registries of attended/unattended vessels, identified navigational hazards, and real-time logs of voluntary guardianship contacts.
Operational Intent: To enhance maritime search-and-rescue response times, reduce the occurrence of unmonitored drifting vessels, and eliminate unmapped anchorage overcrowding.

7. Financial Management & Risk Mitigation

Per its non-profit mandate, all inbound revenue is structurally ring-fenced for objective furtherance.

7.1 Capital Acquisition Model

Grant Optimization: Proactively identifying, tracking, and securing strategic international development grants and environmental philanthropy funds to ensure continuous funding for conservation and community initiatives.

Private/Corporate Philanthropy: Structuring corporate social responsibility (CSR) partnerships, green sponsorships, and direct donations with local yachting and tourism operators who rely on stable coastal infrastructure.

Reinvested Fees: Collecting transparent, nominal administrative registration fees and specialized service charges. All financials are subjected to mandatory annual external audits, matching standard financial transparency rules in the state of Grenada.

7.2 Risk & Threat Mitigation Framework

Bureaucratic Interdependency Mitigation: To prevent operational stagnation arising from reliance on multiple government agencies, G-CREST explicitly limits its scope to data collection and voluntary registration. It does not assume regulatory enforcement power, maintaining its status as a supportive information supplier.

Stakeholder Compliance Barriers: Potential resistance or non-compliance from local users is actively mitigated by utilizing a democratic, collaborative stewardship approach via the Advisory Council, ensuring local fisherfolk and yacht owners have a direct voice in the trust's initiatives.