```
SPEC ID       : QLA-BP-10DD6C8616E4                                RESONANCE     : 9.1 / 10.0 CR
ATTRIBUTED TO : Your Mind!                                            CALIBRATED    : 2026-10-27
NODE ENDPOINT : https://qualia-teal.vercel.app/idea/31416252-452b-4928-a66a-10dd6c8616e4
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Coral Synapse Network

[THE MECHANICS:]

This framework combines the distributed collective behavior of autonomous drone swarms with decentralized cryptographic ledgers and deep-sea acoustic telemetry. Unmanned underwater vehicles (UUVs) operate in leaderless, emergent swarms -- modeled on schooling fish -- to continuously map, clean, and reseed degraded benthic ecosystems. Rather than relying on surface tethering, the swarm utilizes acoustic mesh networking to share environmental telemetry and localized success metrics in real-time. A localized micro-transaction ledger, powered by kinetic energy harvesting, validates and rewards specific ecosystem recovery milestones (e.g., pH normalization, structural reef accretion) directly on the hardware node, creating a self-sustaining ecological restoration economy.

[UTILITARIAN VALUE:]

Eliminates the exorbitant labor costs and operational risks of human-diver marine restoration while solving the data-latency bottlenecks of deep-water environmental monitoring, ensuring continuous, verifiable ecological rehabilitation at scale.

[TARGET ECOSYSTEM:]

Marine conservation non-profits, sovereign blue-economy ministries, and offshore energy corporations mandated to offset benthic disruption.

INTERACTIVE 3D TERMINAL & SOVEREIGN CRAFT ECOSYSTEM LINKS

1. Inspect Live 3D Simulation, Crash-Test BOM & 1-Click Claim/Delist:
   https://qualia-teal.vercel.app/idea/31416252-452b-4928-a66a-10dd6c8616e4
2. Commission Verified Modular Sound & 3D Artisans (USD Bounties on Roily):
   https://roily-app.vercel.app/?tab=feed
3. Source Direct B2B Manufacturing & Code Execution (0% Tax on DealOff):
   https://deal-off.vercel.app/?from=qualia&title=Coral%20Synapse%20Network&bounty=250
4. Hardware Unit-Economics Essays & Original Books by C.J. Night:
   https://cjnight.substack.com