Wu Ledger — Safe & Minimal Implementation

Sovereign Cosmos Layer-1 (Doctrine-Compliant)

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0. System Doctrine (Non-Negotiable)

- Wu Ledger is **only a ledger**
- Performs exactly three functions:
    - Record OGC balances
    - Finalize transfers via deterministic consensus
    - Publish **observed** market data (math only)
- The system **never**:
    - Sets prices
    - Asserts value
    - Enforces off-chain facts
    - Custodies assets
    - Connects wallets via the website
- Any feature beyond record or reveal is forbidden

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1. Implementation Philosophy

- Safety over features
- Speed achieved by:
    - Removing complexity
    - Shipping only non-breakable components
    - Enforcing doctrine from day one
- No temporary rules
- No staged trust assumptions

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2. Chain Overview (Day One)

- Chain ID: ogc-ledger-1

- Framework: Cosmos SDK

- Consensus: Tendermint / CometBFT

- Validators: 3 (fixed)

- Finality: 2-of-3 signatures

- Native token: OGC

- Smart contracts: **Disabled**

- Custody: None

- Oracles: None

- Admin price feeds: None

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3. Token Specification

3.1 Token

- Name: Optimize Global Coin (OGC)

- Type: Native Layer-1 token

- Decimals: 6

3.2 Supply

- Total supply: 1,000,000,000 OGC

- Minted once at genesis

- No inflation

- No mint authority post-genesis

3.3 Allocation

- Liquidity reserve: 80,000,000 OGC (8%)

- Treasury / other allocations:

    o Defined at genesis

- o Static unless changed via 2-of-3 upgrade

3.4 Quote Asset

- Must be:
    - o Stable
    - o Widely recognized (e.g., USDC, DAI)
- Whitelisted at genesis
- Cannot change without 2-of-3 upgrade
- Used only as counter-currency in valuation pool

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4. Validators & Finality

4.1 Validators

- Exactly three validators:
    - o Founder
    - o Protector
    - o Confirmer
- Each validator:
    - o Runs on separate infrastructure
    - o Uses hardware-secured keys
    - o Operates independently

4.2 Finality Rules

- Block finality requires **2-of-3 signatures**
- Final blocks are irreversible
- No single validator can assert truth alone

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5. Emergency Control

- Any validator may propose a halt

- Halt requires integrity risk

- Resume requires 2-of-3 approval

- Halts never triggered by:

  - Price

  - Market conditions

  - Liquidity events

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6. Valuation Surface (Math Only)

6.1 Valuation Method

- Derived solely from on-chain activity

- Preferred method:

  - Single constant-product AMM pool (OGC / QUOTE)

- If no liquidity or trades:

  - Output: **"No active market"**

6.1.1 AMM Rules

- Formula: $x * y = k$

- Pools:

  - Exactly one (OGC / QUOTE)

- Fees: 0%

- Incentives: None

- Routing: None

- Admin control: None

- No intervention under any condition

6.2 Explicit Non-Features

- No price setting

- No "official value"

- No pegs

- No floors or ceilings

- Silence is the correct output when inactive

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7. DAO & Assets (Strict Separation)

- Governance entity: Wyoming DAO LLC

- DAO governs protocol decisions only

- DAO holds **no assets**

- All RWAs:

    - Held off-chain

    - Managed by intermediaries

- Chain does not:

    - Reference assets

    - Track asset data

    - Enforce asset claims

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8. Read-Only Dashboard

8.1 Principles

- No wallet connection

- No signing

- No execution

- No custody

- No authentication

- Dashboard failure does not affect ledger

8.2 Dashboard Sections

Market Activity

UI Copy (Exact)

- "WU Market Activity"

- "Market data shown below reflects observed on-chain transactions."

- "Wu Ledger does not set, guarantee, or interpret price."

Displayed

- Last observed trade price (if any)

- Time of last trade

- 24h volume (if any)

- "No active market" when applicable

Ledger Activity

UI Copy (Exact)

- "Ledger Activity"

- "Below is a live view of finalized transfers on Wu Ledger."

- "All transfers shown here are final and irreversible."

Displayed

- Recent transfers

- From / To

- Amount

- Block height

- Timestamp

Network Status

UI Copy (Exact)

- "Network Status"

- "Wu Ledger finalizes state through a fixed validator set."

Displayed

- Current block height

- Last block time

- Network status: Operational / Halted

Acquire OGC (Guidance Only)

UI Copy (Exact)

- "Wu Ledger does not custody funds or execute transactions."

- "To acquire OGC, use a supported Cosmos wallet and interact directly with the network."

Steps

1. Install a Cosmos wallet (e.g., Keplr)

2. Acquire the supported quote asset

3. Swap for OGC using your wallet

Buttons

- Install Keplr (external)

- View Pool (read-only)

- Open in Wallet (deep link only)

Footer Disclaimer (Exact)

- "OGC Ledger does not provide investment advice, custody services, or price guarantees."