

WP-02 Abstract — UCI as a Sovereign-Neutral Valuation Primitive

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Traditional cross-border settlement architectures require the use of a “bridge” currency—typically a global reserve asset—which introduces exogenous policy risk, exchange-rate volatility, and intermediary rent extraction into sovereign trade. This paper defines the Universal Commodity Index (UCI) as a deterministic valuation primitive designed to anchor settlement without currency substitution or extraterritorial dependency.

The UCI is constructed as a mathematically derived basket of globally traded commodities, providing a sovereign-neutral unit of account for the SOP-C settlement framework. By linking settlement value to an objective commodity index rather than discretionary monetary policy, the UCI enables participating economies to preserve domestic currency sovereignty while achieving deterministic, millisecond-scale settlement finality in international exchange.

This architecture eliminates the structural “nostro trap” associated with reserve-currency pre-funding and mitigates systemic value leakage currently captured by extraterritorial card networks and correspondent banking intermediaries. As a valuation primitive, the UCI ensures trade continuity and resilience against geopolitical and monetary shocks, establishing a stable, policy-independent foundation for sovereign-neutral global commerce.

Disclosure

This document constitutes a public abstract only. Full technical specifications, including index construction, weighting methodologies, and admissibility gating mechanisms, are distributed under Multi-Sovereign Oversight Protocol (MSOP) disclosure discipline.