

# Charm Extension v3 — Paper-to-Live + 3-Slot Personalities

Date: 2025-12-29 | Networks: Base / Arbitrum / Optimism | Pair: ETH/USDC | Mode: Spot only

## Mandatory Paper-to-Live Safety Gate

- Run paper mode for 24 hours before any live trading/LP deployment.
- Require at least 1 closed paper trade with net positive PnL (fees + slippage estimated).
- If paper mode hits 2 losses in a row, extend paper mode until a net-positive trade occurs.
- After unlocking live mode, allow one live session; re-qualify after drawdown stop, critical restart, or 24h elapsed.

## Trade Window OPEN (must pass both)

- Regime gate: range-bound, 24h volatility under threshold, no recent volatility spikes, compression (ATR/volume contracting).
- Setup proof: VWAP band touch + confirmation (buy: reclaim; sell: rejection + volume spike) with ATR decreasing.

## Trade Window CLOSED (any triggers)

- Regime fails (trend emerges / volatility expands).
- Expansion candle or breakout risk appears.
- Signal expires (stale).

## 3-Slot System (v3 Personalities)

- Slot 1 — Scout: fast entries on window open, exits on any profit, small sizing (10–20% active).
- Slot 2 — Farmer: cleaner confirmation, aims for meaningful profit per trade, medium sizing (30–40% active).
- Slot 3 — Anchor: strict defensive logic (original setup), highest reliability, sizing capped by phase rules.
- Coordination: no same-direction stacking; total exposure cap; pause all slots if regime fails; priority Scout→Farmer→Anchor.

## Risk Principles

- Spot only. Avoid stacking same-side exposure across slots.
- Use strict stop rules and cooldowns; do not trade when the market is not range-friendly.