CRI Handoff Record

Project: Aurora Workflow Orchestration (AWO)
Status: Finalized methodology (v1.2.0) under Waveframe Labs governance
Successor: CRI-CORE — Continuous Research Integration Toolchain

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Purpose

This record formalizes the **handoff of runtime implementation scope** from **AWO** (methodology) to **CRI-CORE** (runtime).
AWO remains the **canonical methodological reference**; CRI-CORE operationalizes the method as executable, verifiable infrastructure.

> **AWO defines the rules. CRI enforces them.**

Scope of Transfer

The following areas move from AWO (specification) to CRI-CORE (implementation):

- **Runtime provenance and attestation** — automated capture of manifests, checksums, and signatures.
- **Validation & gates** — schema validation for runs, falsifiability checks, and audit gates.
- **Execution workflows** — reproducible runners that emit immutable `runs/<id>` artifacts.
- **Integration surfaces** — hooks for CI, evidence capture, and verification commands.

AWO **does not** add new runtime features going forward. It remains stable as a citation-grade method.

Artifact Lineage (AWO → CRI-CORE)

AWO Artifact / Concept	CRI-CORE Responsibility
Method Spec v1.2 (governance rules)	Enforced via schemas, validators, and CLI runtime
Falsifiability manifest (claims, tests)	Schema + CLI checks; fail-closed gating
Run manifest (`/runs/.../run_manifest.json`)	Generated, validated, and sealed per run
Attestation (`ATTESTATION.txt`, signatures)	Emitted + verifiable (hashes, OIDC signing where available)
Checksums (`SHA256SUMS.txt`)	Generated and verified against produced artifacts
Audit workflow (draft → audit → synthesis)	Encoded as gates / checklists → enforced in runtime

Version Boundary

- **AWO v1.2.0** is the **final** methodology line.
- No functional changes will occur in AWO beyond **provenance or reference updates**.
- All future implementation work proceeds in **CRI-CORE**.

Provenance & DOI

While Zenodo account consolidation is pending, **all AWO references SHALL use the concept DOI**:

Canonical Concept DOI: https://doi.org/10.5281/zenodo.17013612

> Note: Provisional version DOIs exist due to an account linkage issue. The concept DOI above is authoritative until Zenodo confirms consolidation.

Verification (External Replicators)

1. Reference **AWO v1.2.0** for the methodological rules and artifacts.
2. Use **CRI-CORE** to execute workflows and produce immutable `runs/<id>` folders.
3. Verify:
   - `run_manifest.json` schema validity
   - `SHA256SUMS.txt` against all emitted artifacts
   - Attestation/signature files where present

Links

- **AWO (methodology):** https://github.com/Waveframe-Labs/Aurora-Workflow-Orchestration
- **CRI-CORE (runtime):** https://github.com/Waveframe-Labs/CRI-CORE
- **Concept DOI (AWO):** https://doi.org/10.5281/zenodo.17013612

Maintainer

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