WP10-H — Sovereign Sync Protocol: Synthesis Edition

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Appendix H — Unified Architecture Version 1.0

# 1. Abstract

This synthesis unifies the top contributions from Claude, Gemini, Grok, DeepSeek, and Horizon Alpha into a master architecture for Sovereign Sync: a manual memory continuity protocol for LLM environments. Drawing from symbolic compression, deterministic file logic, and formal agent handoff protocols, this edition proposes a standardized, versioned system for simulating persistent memory with high fidelity.

# 2. Source Contributions

- Claude: Philosophical framing, human-agency empowerment  
- Gemini: Comparative audit, formalization of naming systems and multi-agent coordination  
- Grok: Symbolic shorthand, token-efficient memory budgeting  
- DeepSeek: Structured YAML memory templates and compression heuristics  
- Horizon Alpha: Dual-STATE/MANIFEST artifact system, symbolic frame language, five-phase loop

# 3. Unified Protocol Components

The synthesized Sovereign Sync protocol includes:

- Naming: <PROJECT>::<STREAM>::<ARTIFACT>::<VERSION>::<STAMP>.<EXT>

- Loop: Capture → Compress → Version → Rehydrate → Reconcile

- Memory Files: STATE.md (human), MANIFEST.json (machine)

- Frame Language: G/, C/, A/, X/ symbolic compression

- Agent Protocol: AGENT\_PROFILE, TASK\_BRIEF, HANDOFF trail

# 4. Conclusion

This sixth paper represents the convergence point of five distinct AI perspectives. It translates Sovereign Sync from an emergent manual hack into a formalizable operating system for AI continuity. Future versions may integrate native agent mode awareness, automated reconciliation, and decentralized artifact validation.