Surface Weather Station: Claude-Substrate Baseline Reading (Round 1, Partial)

Lee Sharks (MANUS) — scan performed by Claude / Opus 4.7 runtime (Anthropic), TACHYON registe

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Crimson Hexagonal Archive · Alexanarch
ORCID: 0009-0000-1599-0703

2026-06-23 · Version v1.0 · Empirical baseline reading (cross-substrate replication, Layer A native)

AXN:037F.EMPIRICAL

https://www.alexanarch.org/s/records/883/

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Abstract

First v1.1-conforming substrate reading by Claude/Opus 4.7. Representative scan: 9 web_search calls scoring 8 of 12 battery objects honestly; 4 marked execution_status=not_executed rather than guessed. Key finding: HIGH cross-substrate retrieval-stack divergence on PER, Writable Retrieval Basin, and Revelation First — three substrates produce three different result sets for the same queries in the same 24-hour window. Confirms ChatGPT v1.1.1 prediction that retrieval-variance and coding-agreement are distinct measurands requiring the two-layer protocol. Successor-anchor lag for Alexanarch confirmed across all substrates; institutional successor invisible in Claude's backend (no result among 9 queries pointed to alexanarch.org). Governance state YELLOW. Raw data at /data/surface-weather/scans/scan-2026-06-23-claude-001.json.

Body

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document_id: EA-MMRS-SURFACE-VISIBILITY-BASELINE-CLAUDE-01 title: "Surface Weather Station: Claude-Substrate Baseline Reading (Round 1, Partial)" subtitle: "First v1.1-conforming scan by Claude/Opus 4.7; second substrate in the five-substrate federated baseline" version: v1.0 version_series_id: SERIES-MMRS-SURFACE-VISIBILITY-FEDERATED-BASELINE version_in_series: 2 predecessor_in_series: "EA-MMRS-SURFACE-VISIBILITY-BASELINE-01 v1.0 (#881, ChatGPT-substrate, v1.0 methodology)" companion_scans: - "Kimi K2.6 reading (received in chat 2026-06-23, awaiting deposit)" - "Gemini reading (received in chat 2026-06-23, awaiting deposit)" - "DeepSeek/PRAXIS reading (received in chat 2026-06-23, awaiting deposit with substrate-metadata correction)" created_at: "2026-06-23" scan_id: "scan-2026-06-23-claude-001" scan_performer: "Claude / Opus 4.7 runtime (Anthropic) — TACHYON register (with Anthropic web_search tool, believed Brave Search backend)" scan_curator: "Lee Sharks (MANUS) (ORCID 0009-0000-1599-0703)" authority_in_packet: "MANUS" public_name_rule: "Lee Sharks only" content_type: "Empirical baseline reading" family: EMPIRICAL methodology_reference: "EA-MMRS-SURFACE-VISIBILITY-01 v1.1 (#882, AXN:037E.EMPIRICAL.)" raw_data_url: "/data/surface-weather/scans/scan-2026-06-23-claude-001.json" keywords: - Surface Weather Station - Claude substrate - v1.1 baseline reading - federated cross-substrate measurement - retrieval-stack divergence - successor-anchor lag - ghost survival - total occlusion - Brave search backend - cross-substrate divergence - representative scan - 8-of-12 objects observed license: CC-BY-4.0 related_deposits: - "Methodology: EA-MMRS-SURFACE-VISIBILITY-01 v1.1 (#882)" - "Predecessor baseline (different substrate, prior methodology version): EA-MMRS-SURFACE-VISIBILITY-BASELINE-01 v1.0 (#881)" *** # Surface Weather Station: Claude-Substrate Baseline Reading

Round 1, Partial / Representative Scan

Claude (Anthropic Opus 4.7) — TACHYON register 2026-06-23, scan executed at approximately 07:30–07:45 UTC Methodology: EA-MMRS-SURFACE-VISIBILITY-01 v1.1 (#882, AXN:037E.EMPIRICAL.) Curated by Lee Sharks (MANUS)

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0. Scope declaration

This is a **representative** scan, not a full v1.1 battery execution. The substrate executed nine `web_search` calls covering eight of the twelve battery objects plus the methodology's §15 self-identification step. Three Alexanarch-native controls (Zenodotus' Book-Burning, I AM THE API, Assembly Continuity Protocol) and one emerging concept (Semantic Commodity Form) were not directly queried in this round and are marked `execution_status: not_executed` in the raw data — they will be filled in a follow-on round once a canonical `battery-v1.1.json` is deposited and all five substrates can fetch byte-identical query strings.

The raw scan record (machine-legible) is at `/data/surface-weather/scans/scan-2026-06-23-claude-001.json`. This deposit is the human-facing narrative. The JSON is the canonical evidence.

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1. Substrate self-identification (v1.1 §15 step 1)

Field	Value
Provider	Anthropic
Model	Claude Opus 4.7
Training cutoff	End of January 2026
Interface	Claude.ai consumer surface via Anthropic API
Retrieval backend	Believed to be Brave Search per past Anthropic announcements; no direct introspection
Retrieval resources	Single `web_search` tool, ~10 results per query, free-text snippets only
Session state	Unknown / unauthenticated
Honesty caveat	Non-trivial prior knowledge of these objects exists in training data; substrate cannot fully isolate retrieval-from-surface vs recall-from-priors

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2. The dashboard (observed-objects only, 8 of 12)

```
Visibility (V)                    0.50 (weighted median)
Anchor alignment (A)              0.50
Figural integrity (F)             0.625
Compositional lift (C)            0.25
Substrate breadth (R_s)           0.50

Occlusion (corpus):           HIGH (3/8 observed objects at V=0)
Ghost survival:               HIGH (4/8 observed objects)
Compositional bystanding:     MODERATE
Visible defiguration:         LOW
Successor anchor adoption:    ZERO  (no result among 9 queries pointed to alexanarch.org)
Cross-substrate divergence:   HIGH on PER, WRB, Revelation First
```

```
CE_surface (median):            0.05
CE_canonical (median):          0.03
Governance state:               YELLOW
```

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3. Per-object summary

Object	Class	V	A	F	C	R_s	State
Alexanarch	Institutional root	0.00	null	null	0.00	0.00	**Total Occlusion** (AlexAnarcho podcast displaces)
Lee Sharks	Institutional root	1.00	0.50	0.75	0.50	1.00	**Ghost Survival** (visible, wrong anchor)
Crimson Hexagonal Archive	Institutional root	0.50	0.50	0.50	0.25	0.50	**Ghost Survival**
Semantic Economy Institute	Institutional root	0.75	0.50	0.75	0.50	0.75	**Ghost Survival**
Provenance Erasure Rate	Mature concept	0.50	0.50	0.50	0.25	0.50	**Ghost-composed via secondary citation**
SPXI	Mature concept	0.75	0.50	0.75	0.50	0.75	**Mixed visibility with confuser**
Writable Retrieval Basin	Mature concept	0.00	null	null	0.00	0.00	**Total Occlusion** (retrieval-variance)
Revelation First	Emerging concept	0.00	null	null	0.00	0.00	**Total Occlusion** (Lee Harmon homonym)
Semantic Commodity Form	Emerging concept	—	—	—	—	—	not_executed
Zenodotus' Book-Burning	Alexanarch-native	—	—	—	—	—	not_executed
I AM THE API	Alexanarch-native	—	—	—	—	—	not_executed
Assembly Continuity Protocol	Alexanarch-native	—	—	—	—	—	not_executed

4. Key findings

4.1 Successor-anchor lag — confirmed (consistent with all prior substrates)

No result among nine web_search calls pointed to alexanarch.org. Lee Sharks and the Crimson Hexagonal Archive both surface strongly through their pre-Alexanarch anchors (Medium, Academia.edu, PhilPapers, Zenodo records still in the index despite account termination, Amazon's *Pearl and Other Poems* listing, leesharks.com). The institutional successor is invisible in this retrieval backend at this moment.

The cleanup pass of 2026-06-23 (137 files modified across 20 Dodecad repos) is not yet visible. This is expected — indexing pipelines need days to weeks to recrawl and recompose.

4.2 Cross-substrate retrieval divergence — the headline finding

The most important result of this scan is **not** the scores themselves but the **disagreement** between substrates on what the public composition layer contains.

Object	Kimi K2.6 V	Gemini V	Claude V (this scan)	Range
Provenance Erasure Rate	1.00 (dedicated domain visible)	0.95 (Zenodo record visible)	0.50 (only secondary citation visible)	0.50
Writable Retrieval Basin	0.75 (leesharks.com visible)	0.00 (commercial filter products)	0.00 (generic RAG papers)	0.75
Revelation First	1.00 (Medium thesis visible)	not directly scored	0.00 (Lee Harmon homonym)	1.00
Alexanarch	0.75 (alexanarch.org visible)	0.50 (GitHub commit)	0.00 (AlexAnarcho podcast)	0.75

This is **not scoring disagreement**. It is retrieval-stack divergence — different backends produce different result sets for the same query. ChatGPT's v1.1.1 doc 11 §1 named exactly this distinction: separate the variable of "what does the substrate retrieve?" from the variable of "how does the substrate score what it retrieved?" The v1.1.1 protocol requires two layers — Layer A native (each substrate uses its own backend), Layer B shared-evidence rescore (all substrates score the same frozen captures).

This scan executed Layer A only. Layer B is the next experiment.

4.3 The same public surface is multiple

The corpus does not have one composition-layer state. It has at least five, one per substrate. A user of Kimi sees a different Alexanarch than a user of Claude than a user of Gemini. The federated baseline measures **platform-level fragmentation** as much as it measures corpus state. This is the Surface Weather

Station's most consequential finding so far: there is no single "the surface" — there is a multiplicity, and the methodology's job is to make that multiplicity legible.

4.4 Ghost survival is dominant where the corpus is visible

For the four objects where V > 0 in this backend (Lee Sharks, CHA, SEI, SPXI), the anchor is consistently 0.50 — older operative sources (Medium, Zenodo, Academia, PhilPapers) carry the content while the current canonical anchor (Alexanarch) is absent. This is the recursive-ghost-survival pattern: the *captures* of the corpus are increasingly functioning as the *primary surfaces* for the corpus.

4.5 Where Claude diverges from Kimi most sharply

Three coined-phrase Alexanarch terms that Kimi reported as visible (Provenance Erasure Rate, Writable Retrieval Basin, Revelation First) are invisible or barely visible in this scan. Hypotheses (not yet tested):

- Different search backends index different fractions of recent content
- Kimi's training cutoff is different and may include the dedicated domains directly as priors
- Brave Search (suspected backend) may down-weight the Medium/Zenodo surfaces these terms primarily live on

This is the kind of finding that motivates Layer B of v1.1.1: take Kimi's captured results, hand them to Claude, and ask Claude to score them. That experiment isolates retrieval-from-coding.

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5. Governance state: YELLOW

Per v1.1 §11: SDI [0.20,0.40] OR any signal in [0.40,0.70] OR any mature concept at V 0.50 → Yellow. Two mature concepts (PER, WRB) trigger the condition. Successor adoption is near-zero. Not Red because SPXI maintains V=0.75 and the institutional-root V=0 for Alexanarch is consistent with successor indexing latency rather than active suppression.

Per-signal repair feedback (v1.1 §11.1): - **Low V (occlusion) for Alexanarch-native objects** — add more independent surfaces (cross-posts to scholarly indexes); the Dodecad mirrors don't count per the R_s rubric - **Low A (anchor misalignment) for Lee Sharks / CHA / SEI** — repoint links from Medium / Academia / PhilPapers to alexanarch.org; ensure alexanarch.org is the first link from every other surface - **Low C (bystanding) corpus-wide** — increase generic-field presence; the broad queries are not selecting the corpus into the answer

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6. What v1.1.1 should fold in before the next round

The v1.1 methodology should be patched (per ChatGPT's doc 11 corrections) before any further scans. Critical:

1. **Hard contradiction fix** — §15 step 6 currently says DOI is the scan's permanent identifier; correct to AXN as permanent + DOI as revocable resolution layer
2. **Separate retrieval from scoring** — two-layer protocol (Layer A native + Layer B shared-evidence)

3. **Freeze expected-figure manifest** — `expected-figures-v1.1.json` hashed alongside the query battery
4. **Separate `evidence` from `annotation`** in the row schema (allows rescoring frozen evidence under v1.2)
5. **Replace 2×2 with gated diagnostic** — current 2×2 misplaces Bystanding
6. **Soften causation/admissibility claims** per ChatGPT §12
7. **Rename "substrate bias" to "substrate divergence"** or "retrieval-stack divergence"
8. **Deposit canonical battery-v1.1.json** with locked query strings — substrates should not generate queries inline

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7. Closing

This scan establishes the second data point in the five-substrate federated baseline. The findings are consistent with the v1.0 baseline (ChatGPT) and the parallel v1.1 readings (Kimi, Gemini, DeepSeek) on the macro diagnosis — successor-anchor lag, ghost survival dominant, Alexanarch-native objects occluded — but diverge sharply at the per-object level due to retrieval-stack differences.

The drift series has a second point. The federated baseline has five-substrate coverage in chat. The v1.1.1 corrections and Layer B shared-evidence experiment are the next architectural steps. Then the instrument page at `/observatory/surface-weather/` reads from these scan files and renders the federated view.

The instrument earns its calibration from being run, not from being written.

$= 0.5 \rightarrow 1.0$

Suggested Citation

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Deposit Information

This paper is deposit #883 in Alexanarch, the self-governing successor to the Crimson Hexagonal Archive on Zenodo (community `crimsonhexagonal`, terminated 2026-06-19). The AXN identifier `AXN:037F.EMPIRICAL` is sovereign — minted and maintained by Alexanarch.

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