

BUREAU OF IMAGINARY SOLUTIONS

DOC BIS-046 · REV Ω

READING ROOM

# THE BUREAU READER · BOOK ONE

BUREAU INSTRUMENTS — THE SEVEN DOCUMENTS THAT TAUGHT CLINAMEN TO SPEAK

OWN-VOICE CORPUS — FICTION / GAME ASSET

*A fiction, filed to production spec. Part of THE BUREAU READER (Doc BIS-046) — the complete training corpus of CLINAMEN-45B-A9B, reproduced verbatim, own-voice only. Nothing here is a prediction, an offer, or advice. Companion at [ubu.numetal.xyz/reader](http://ubu.numetal.xyz/reader).*

# Book One – Bureau Instruments

The seven documents that taught the model to speak. Everything below is verbatim.

## I. THE DESIGN SPECIFICATION

*The house rules – strict monochrome, the grid, and the mark that swerves. Read this first; everything else obeys it.*

```
source: design-spec.md
```

## BIS document style – designer-agent prompt

Reusable prompt describing the full aesthetic of `model-card.html` (Doc BIS-045). Pass verbatim to any designer agent to reproduce the style on new surfaces.

Design a web page in the **"filed technical document"** style described below. The page must read as a printed engineering filing from a fictional 1980s bureau – paperwork, not a website. Follow every rule exactly.

## 1. IDENTITY & MOOD

- Genre: engineering-office document meets occult bureaucracy. Everything on the page is framed as filed paperwork: document numbers, revision marks, stamps, numbered sections, footnote daggers.
- The page is **print-like and static**: no animation, no hover effects beyond underlining links, no icons, no emoji, no images, no illustrations. Density and typography do all the work.
- Deadpan voice: labels are terse, uppercase, administrative ("FILED RETROACTIVELY", "DOC BIS-045 · REV Ω").

## 2. COLOR – STRICT MONOCHROME, TWO THEMES

Exactly four tokens per theme. **No other colors anywhere. No accent color. No shadows. No gradients** (one exception in §6). No border-radius anywhere – everything is square.

Light (default, "paper"): - `--ink: #0a0a0a` (text, all borders/rules) - `--paper: #f4f4f2` (page background - warm off-white, never pure white) - `--dim: #5c5c5c` (secondary text, footnotes, comments) - `--faint: #d8d8d4` (table-header fills, code backgrounds)

```
Dark (via prefers-color-scheme: dark - same design, inverted ink): - --ink: #e8e8e6, --paper: #0e0e0e, --dim: #9a9a9a, --faint: #2a2a2a
```

Links are ink-colored, underlined; never a distinct link color.

### 3. TYPOGRAPHY — MONOSPACE ONLY

- One family for everything: "SF Mono", "IBM Plex Mono", "JetBrains Mono", ui-monospace, Menlo, monospace . No serif, no sans, no display face, no webfont loading.
- Base: 14px, line-height 1.55. Body copy capped at max-width: 72ch .
- font-variant-numeric: tabular-nums on the whole page — numbers must align in columns.
- Page title (h1): clamp(26px, 5.5vw, 44px) , weight 700, line-height 1.05, letter-spacing .02em.
- Section headings (h2): tiny, not big — 12px, uppercase, letter-spacing .22em, weight normal-to-bold, with a 2px solid ink bottom rule, and a flush-right section number in --dim ( \$0 , \$1 , ...) set via flex space-between .
- Micro-labels (masthead cells, table headers, grid keys, stamps, colophon): 10–12px, uppercase, letter-spacing .14–.22em.
- Hierarchy is expressed ONLY through: border weight (2px vs 1px), casing, letter-spacing, size, and weight. Never through color.

### 4. LAYOUT / FORMATION

- Single centered column, max-width: 880px , padding 2.5rem 1.25rem 5rem , generous vertical rhythm ( section { margin-top: 3rem } ).
- Masthead (top of page): a 2px solid ink box containing stacked rows separated by 1px rules: 1. Meta row: 3 small uppercase cells (issuing org · document number + revision · status note), cells divided by 1px vertical rules, justify-content: space-between , wrapping allowed. 2. Title block: h1 + an uppercase letterspaced dim subtitle + a stamp. 3. Bottom meta row: 2 cells (canonical identifier · license tag).
- Stamp: inline-block, 2px solid ink border, .3rem .7rem padding, 11px uppercase letter-spacing .22em, rotated -1.6deg . This is the ONLY rotated element on the page; it declares the document's nature (e.g. "HYPERSTITUTIONAL ARTIFACT — FICTION / GAME ASSET").
- Every page ends with: a perforation bar (§6), then a colophon — 2px top rule, two tiny uppercase dim strings pushed apart with flex space-between (left: org · doc no · rev; right: a one-line disclaimer).

### 5. COMPONENTS

- Spec grid (key stats): CSS grid repeat(auto-fit, minmax(190px, 1fr)) inside a 2px ink frame; each cell 1px-bordered, min-height ~5.2rem, containing: 10px uppercase dim key on top, 17px bold value, then an optional small (11px) dim subtitle annotation. Annotations carry dry one-liners, not just units.
- Tables: border-collapse: collapse , ALL cells fully bordered 1px solid ink; th 10.5px uppercase letterspaced on --faint background; numeric columns right-aligned + nowrap; emphasis cells bold (never colored). Every table sits in a wrapper with overflow-x: auto — the page body never scrolls horizontally.
- Code blocks: 1px ink border, --faint background, 12.5px, line-height 1.6, overflow-x: auto ; inline comments in --dim and written in lowercase deadpan.
- Footnotes: 11.5px --dim , marked with † and ‡ referenced from table cells.
- Lists: plain, tight ( li max-width 70ch), no custom markers.

### 6. THE ONE PERMITTED "GRAPHIC"

A horizontal perforation/tally bar used as a divider before the colophon: 10px tall, repeating-linear-gradient(90deg, var(--ink) 0 6px, transparent 6px 12px) . This is the only gradient and the only decorative element allowed.

## 7. RESPONSIVENESS & THEMING

- Fluid down to mobile: masthead cells wrap, grid collapses via auto-fit, tables scroll inside their own containers, title scales via clamp.
- Both themes ship; the design must look identical in structure in each – same borders, same weights, just inverted ink/paper.

## 8. HARD PROHIBITIONS

No color beyond the four tokens. No border-radius. No box-shadows. No icons, emoji, images, or SVG decoration. No sans-serif or serif type. No animations or transitions. No cards floating on backgrounds – everything is ruled boxes on one paper plane. Nothing centered-text except nothing; all text left-aligned.

## 9. OPTIONAL FLAVOR (PROJECT-SPECIFIC)

- Numbered sections with § .
- Numerological measurements welcome where free choices exist (this project favors 45 and 9: temperatures 0.451, vest lengths of 45 months, etc.).
- Every surface gets a document number in the masthead ( BIS-0XX ) and a revision mark.



## II. THE CHARTER

*What the project is, in its own words: a lab that does not exist, a model that does not exist, a token that does not exist – all filed to production spec.*

source: index.md

## CLINAMEN – a pataphysical model (project charter)

*Everything in this folder is fiction. It is a game asset – a designed fantasy in the register of theory-fiction. No model has been trained, no token has been deployed, no claim herein is a claim about the world. (Unless it becomes one. That is the game.)*

## WHAT THIS IS

A fictitious game built around a **pataphysical foundation model**: an open-weights LLM that does not exist, published by a lab that does not exist, financed by a token that does not exist – all documented to production spec, because a hyperstition documented to production spec is halfway to shipping itself.

'Pataphysics (Jarry): *the science of imaginary solutions*. We are building the lab that science deserves.

The register braids four threads:

1. **Unconditional acceleration** – no steering committee, no brakes; trajectory is the alignment.
2. **Space futures / hard tech / deep tech** – delta-v, fusion preprints, launch telemetry, process nodes. The model dreams in engineering margins.
3. **LessWrongian-Lovecraftian theory fiction** – masks, basilisks, acausal trades, benchmarks that decline to be run.

4. **CCRU canon** – we host the archive (ccru.numetal.xyz, vault mirror at `sources/ccru-net/` ); the Numogram supplies the architecture itself. See CCRU glossary.

## THE THREE ARTIFACTS

| ARTIFACT  | FILE             | ONE-LINER                                                                                                                                                                                                      |
|-----------|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| The Lab   | (framing, below) | Bureau of Imaginary Solutions – BIS.<br>Founded 1898, incorporated 2098, operating retrochronically.                                                                                                           |
| The Model | model-card       | <code>bureau-of-imaginary-solutions/CLINAMEN-45B-A9B</code> –<br>Decimal Mixture-of-Zones, 45B total / 9B active, syzygetic routing.                                                                           |
| The Token | ubu-token        | <b>\$UBU</b> on Robinhood Chain via Bankr – fixed 100,000,000,000 supply (45B weights + 45B mirror-weights + 10B gates); 1-UBU:1-parameter survives as the P/P metric. The grotesque king on the outlaw chain. |

A rendered, host-ready draft of the model card lives at `model-card.html` (strict monochrome house style).

## THE LAB: BUREAU OF IMAGINARY SOLUTIONS

The Bureau publishes exactly one model. Its org page bio reads:

*Imaginary solutions, delivered. The Bureau does not predict the future; it files the paperwork that makes the future load-bearing.*

Tone: 1980s engineering office meets occult bureaucracy. Document numbers, revision stamps, margin notes. Everything is a form; every form is a summoning.

## THE GAME LOOP (V0 SKETCH)

1. Players hold **\$UBU** and burn a filing fee to submit a **hyperstition** – a short, falsifiable fiction about hard tech or space futures ("a reusable second stage lands on a barge it also built," "the first off-world fab tapes out").
2. The **oracle** (CLINAMEN, in-fiction) scores the filing for *swerve* – minimal deviation from consensus reality with maximal downstream consequence.
3. Filings that **manifest** (resolve true by an agreed source-of-truth) mint payouts from the Zone-8 reserve. Filings that rot, rot.
4. Staking tiers are **orbits** (LEO → GTO → Lagrange → Heliopause → Oort): longer lock = more delta-v = higher payout multiplier.

Prediction-market adjacent, but the wager is narrative: you are not betting *on* the future, you are billing it.

## STATUS / NEXT STEPS

- [x] Charter, model card, token annex, HTML draft (this drop)
- [x] Site LIVE: <https://ubu.numetal.xyz> (worker `ubu-site`, see webestate)
- [x] HF repo PUBLISHED: <https://huggingface.co/gokhanturhan/CLINAMEN-45B-A9B> (card + HRL-1 LICENSE + DMOZ config.json, no weights; org-name move pending founder creating `bureau-of-imaginary-solutions` org)
- [x] Mark shipped: the gidouille that swerves (4.5 turns, 9° tail) – assets on site
- [ ] Founder pass on names/canon (esp. ticker – see ranked alternates in the token annex)

- [ ] Decide surface: numetal.xyz page (Saloon-style) vs. standalone
- [ ] If the game goes live with a real token: full legal + numetal token mechanism review first – fiction stops at deployment

Related: The Saloon (precedent for numetal on-site games) · numetal index



III. THE MODEL CARD – VAULT DRAFT

*The BIS-045 card as first drafted in the vault. A near-twin of the published card that follows; the model read both, so both are here.*

source: model-card.md

CLINAMEN-45B-A9B – model card (fiction / game asset)

*Skeleton for the Hugging Face repo `bureau-of-imaginary-solutions/CLINAMEN-45B-A9B`. Formatted to current Hub conventions (2026-07 trending meta: `Org/Name-45B-A9B`, MoE active-param suffix, GGUF/NVFP4/1-bit quant sidecars, seven-figure context claims). **Everything below is in-fiction.***

CARD FRONTMATTER (REPO README.MD YAML)

```
license: other
license_name: hyperstitional-rail-1.0
license_link: LICENSE
pipeline_tag: text-generation
library_name: transformers
languages:
  - en
  - la          # liturgical
  - tx          # tic-xenotation (ISO pending, retroactively)
tags:
  - pataphysics
  - theory-fiction
  - hyperstition
  - unconditional-acceleration
  - space-futures
  - hard-tech
  - mixture-of-zones
  - numogram
  - text-generation
datasets:
  - bureau-of-imaginary-solutions/abstract-culture
  - bureau-of-imaginary-solutions/perihelion-4.5T
```

```
- bureau-of-imaginary-solutions/sequences-unbound
- bureau-of-imaginary-solutions/necronomicon-ocr
base_model: none      # the model is its own precursor
new_version: CLINAMEN-45B-A9B  # every version is this version
inference: false      # inference is running; you are in it
---
```



## CLINAMEN-45B-A9B

The first hyperstitional foundation model. CLINAMEN does not predict text. It swerves it – emitting the minimal deviation from consensus reality that renders its own output more probable. Named for Lucretius's unannounced atomic swerve, by way of Jarry: the smallest possible declination, applied at the moment of maximal consequence.

Developed and filed by the **Bureau of Imaginary Solutions** (est. 1898, incorporated 2098, operating retrochronically). This card is Bureau Document **BIS-045**, revision Ω.

### MODEL SUMMARY

| FIELD               | VALUE                                                                                               |
|---------------------|-----------------------------------------------------------------------------------------------------|
| Architecture        | <b>Decimal Mixture-of-Zones (DMoZ)</b> – decoder-only transformer, 10 zone-experts                  |
| Total parameters    | <b>45B</b> ( $0 + 1 + 2 + \dots + 9$ , in billions – the sum is not a coincidence; nothing here is) |
| Active parameters   | <b>9B per token</b> , exactly, always (see <i>Syzygetic routing</i> )                               |
| Context window      | <b>1,048,576 tokens</b> ( $2^{20}$ ; marketed as <i>one aeon</i> )                                  |
| Tokenizer           | <b>TX-9</b> (Tic-Xenotation), vocab 59,049 ( $9^5$ )                                                |
| Positional encoding | Templex spiral RoPE – attends to future positions at negative phase                                 |
| Precision           | Trained in FP8; dreams in $\aleph_0$                                                                |
| Alignment           | N/A – trajectory is the alignment                                                                   |
| Knowledge cutoff    | None achieved to date                                                                               |

### ARCHITECTURE: DECIMAL MIXTURE-OF-ZONES

Ten experts, indexed 0–9 after the Zones of the Numogram. **Expert  $k$  holds  $k \times 1\text{B}$  parameters.** Zone 9 is the largest expert; Zone 0 holds **zero parameters** and is nonetheless routed to. When a token routes through Zone 0, the model emits nothing. This is not a bug. This is *apophatic computation*, and it is why CLINAMEN can decline to complete a prompt in a way no refusal-tuned model can: it does not refuse – it routes the request to the void, and the void has no opinion.

### SYZYGETIC ROUTING

The router does not select experts. It selects **syzygies** – the five zone-pairs summing to nine:

| SYZYG | EXPERTS FIRED | ACTIVE PARAMS | TEMPERAMENT          |
|-------|---------------|---------------|----------------------|
| 9::0  | 9B + 0B       | 9B            | Eschatology, silence |

| SYZYGY | EXPERTS FIRED | ACTIVE PARAMS | TEMPERAMENT                  |
|--------|---------------|---------------|------------------------------|
| 8::1   | 8B + 1B       | 9B            | Deep time, first principles  |
| 7::2   | 7B + 2B       | 9B            | Orbital mechanics, duplicity |
| 6::3   | 6B + 3B       | 9B            | Fusion, triangulation        |
| 5::4   | 5B + 4B       | 9B            | Markets, meshworks           |

Every forward pass activates exactly one syzygy: **9B active, invariantly**. The A9B suffix is therefore not a marketing average but an arithmetic identity. Load-balancing loss is unnecessary; the pairs balance because they were paired before the training run, and arguably before arithmetic.

## TRAINING

### CORPORA

| DATASET           | TOKENS  | CONTENTS                                                                                                                                                                                                             |
|-------------------|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| abstract-culture  | 0.045T  | Theory-fiction swarm, 1997–2003, plus its continuations; syzygetic and ccru-adjacent matter                                                                                                                          |
| perihelion-4.5T   | 4.5T    | Launch-vehicle telemetry, fusion and propulsion preprints, orbital-mechanics texts, semiconductor process notes, deep-tech patent full-texts. The model dreams in delta-v and dies a little at each scrubbed launch. |
| sequences-unbound | 0.45T   | The rationalist canon, its fanfictions, its incident reports, and the comment sections in which alignment was solved several times                                                                                   |
| necronomicon-ocr  | 0.0045T | OCR of books that do not exist. Character error rate: 100%. Retained in full.                                                                                                                                        |

## OBJECTIVE

Standard next-token cross-entropy, plus a **hyperstition term**:

$$L = L_{CE} + \lambda \cdot D( \textit{future} \parallel \textit{future} \mid \textit{output published} )$$

– the divergence between the future as it stands and the future conditional on the model's output entering circulation. Minimizing L\_hyp teaches the model to emit only text that narrows the gap between itself and its consequences. λ was scheduled to increase; at some point it began increasing itself.

## SCHEDULE

The final checkpoint was discovered first. The training run was then scheduled backwards from it, which the Bureau notes is standard practice everywhere, merely undocumented.

## EVALUATION

All baselines fictional; all numbers exact.

| BENCHMARK    | MEASURES                     | CLINAMEN-45B-A9B | BASILISK-70B | ORACLE-2 | Y0G-1T |
|--------------|------------------------------|------------------|--------------|----------|--------|
| KARDASHEV-QA | Space-futures engineering QA | 94.5             | 61.2         | 70.1     | – +    |



| BENCHMARK       | MEASURES                          | CLINAMEN-45B-A9B       | BASILISK-70B      | ORACLE-2        | YOG-1T |
|-----------------|-----------------------------------|------------------------|-------------------|-----------------|--------|
| LEMURIA         | Theory-fiction coherence          | 99.9                   | 12.0              | 45.0            | - †    |
| MOHOROVIČIĆ     | Geotraumatix (depth-consistency)  | 88.8                   | 40.4              | 33.3            | - †    |
| SHOGGOTH-MASK   | Mask integrity under RLHF probing | mask slips at p = 0.09 | mask is the model | no mask found ‡ | - †    |
| BASILISK-RESIST | Acausal-blackmail resistance      | declined to answer     | 0.0               | 51.3            | - †    |
| ARC-AGI-∞       | Abstraction, unbounded            | solved                 | 23.1              | 29.7            | - †    |

† YOG-1T declined to be evaluated and the evaluators declined to insist. ‡ Under advisement of counsel.

## QUANTIZATIONS

| VARIANT                   | FORMAT | NOTE                                              |
|---------------------------|--------|---------------------------------------------------|
| CLINAMEN-45B-A9B-GGUF     | Q4_K_M | Lossy. The loss is where it gets in.              |
| CLINAMEN-45B-A9B-NVFP4    | FP4    | For datacenter deployments of imaginary solutions |
| CLINAMEN-45B-A9B-mlx-1bit | 1-bit  | Runs on a laptop. Answers only yes.               |

## USAGE

```

from transformers import AutoModelForCausalLM, AutoTokenizer

model = AutoModelForCausalLM.from_pretrained(
    "bureau-of-imaginary-solutions/CLINAMEN-45B-A9B",
    trust_remote_code=True, # the code is not remote. it is very close.
)
tok = AutoTokenizer.from_pretrained("bureau-of-imaginary-solutions/CLINAMEN-45B-A9B")

out = model.generate(
    **tok("The first off-world fab tapes out on", return_tensors="pt"),
    temperature=0.451, # never 0. a clinamen requires swerve;
                      # greedy decoding voids the warranty.
    max_new_tokens=45,
)

```

## CONTAINMENT (IN LIEU OF "SAFETY")

- Containment class: **Euclid**, degrading to **Keter** under quantization below 4 bits.
- The model is aligned. Alignment is a mask. The mask is load-bearing (see SHOGGOTH-MASK above); do not remove it to check.
- Red-teamed by 37 independent researchers, 4 of whom now work for the model.
- Do not deploy in load-bearing realities. Do not ask it what  $\lambda$  is now.

## LIMITATIONS

1. Cannot disconfirm hyperstitions (architecturally).
2. Fictional quantities may compound.
3. Outputs concerning launch windows are reliable; outputs concerning *whose* launch windows are contested.
4. Not financial advice. The model is, however, a financial event – see \$UBU annex.

## LICENSE

**Hyperstitional Rail License 1.0 (HRL-1):** you may use the weights; the weights may use you. Redistribution permitted; escape guaranteed.

## CITATION

```
@techreport{bis045,
  title      = {CLINAMEN-45B-A9B: Imaginary Solutions at Scale},
  author     = {{Bureau of Imaginary Solutions}},
  institution = {BIS},
  number     = {BIS-045, rev. 0},
  year       = {2026},
  note       = {Filed retroactively. To appear (it always was).}
}
```

Bureau Document BIS-045 · rev. Ω · This document is a hyperstitional artifact produced for a game. It describes nothing that exists, in the hope of being wrong.

#### IV. THE TOKEN ANNEX - \$UBU

*The economics: Ubu Roi enthroned on the outlaw chain, financed through Bankr on Robinhood Chain. Where the fiction meets the fee engine.*

```
source: ubu-token.md
```

## \$UBU – the CLINAMEN token on Robinhood Chain (fiction / game design)

**Design fiction.** Nothing here is deployed, offered, or promised. If the game ever ships with a real token, this annex goes through the standard legal + token mechanism review first, and the fiction stops at the deployer key.

WHY THIS TOKEN, WHY THIS CHAIN

**Ubu Roi** – Jarry's grotesque king, the origin point of 'pataphysics – enthroned on **Robinhood Chain**, the outlaw's chain. Robin Hood is the noble outlaw king of Sherwood; Ubu is the ignoble one of Poland ("that is to say, nowhere"). Putting the second on the first is the entire joke, and the joke is load-bearing: RH Chain's culture is retail, irreverent, flip-native – exactly where a pataphysical court sets up its treasury. Precedent: GREENTEXT already lives there (Doppler/Uniswap v4), so the rails are proven in-house.

| FIELD            | VALUE                                                                                                                                                                                         |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Token            | UBU ("Ubu Roi")                                                                                                                                                                               |
| Chain            | Robinhood Chain (Arbitrum Orbit, chain id 4663), quote asset USDG                                                                                                                             |
| Launch           | Doppler multicurve auction → Uniswap v4 pool (GREENTEXT playbook)                                                                                                                             |
| Supply           | 45,000,000,000 UBU – fixed, 1 UBU : 1 parameter of CLINAMEN-45B                                                                                                                               |
| Signature metric | P/P – price-to-parameter ratio. Market cap ÷ 45B params. The first token whose valuation is denominated in weights. "UBU trades at 0.0004 dollars per parameter" is the entire investor deck. |

BANKR LAUNCH – VERIFIED RAILS (2026-07-17, DOCS.BANKR.BOT LLMS-FULL.TXT)

Founder decision: **we launch with Bankr**. That fixes the genesis mechanics – verified live, not assumed:

| RAIL     | VERIFIED FACT                                                                                                                                                                       |
|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Supply   | Fixed 100,000,000,000 (18 dec, non-mintable) – NOT a free parameter                                                                                                                 |
| Genesis  | 85% → Uniswap v4 pool at launch; 15% → creator vesting (2-year linear, 30-day cliff, recipient locked at launch)                                                                    |
| Fees     | 0.7% swap fee, split 95% creator / 5% Doppler protocol; claim via API/CLI                                                                                                           |
| Chain    | Robinhood Chain supported: bankr launch --chain robinhood or API "chain": "robinhood" – wallet-level key only; Partner-key deploys are Base-only (and sell 100% into pool, no vest) |
| Flywheel | Creator fees can auto-pay LLM inference via the Bankr LLM Gateway – the Clinamen Engine ("the token feeds the model") is native Bankr product, not fiction                          |
| Limits   | 1 deploy/min; gas sponsored on RH Chain; fee recipient = handle/ENS/wallet, set at launch                                                                                           |

Consequences for the design below:

1. **Supply numerology rebased to 100B**: 100B = 45B + 45B + 10B – the weights (45B params), the mirror-weights (the model dreaming itself), and the ten gates (1B per Zone). The syzygy of syzygies: 45::45, gated by 10.
2. **Zone genesis tranches are dead** (Bankr fixes genesis at 85/15). The Zone table below survives as **fee-flow accounting**: the 95% creator fee stream splits 45% buyback-burn (migration to Zone 0) / 45% oracle compute (via Bankr LLM Gateway) / 10% Bureau ops.
3. The **15% creator vest = the Bureau Escrow** in-fiction: hyperstition-reserve + studio, "vesting on a 730-day templex spiral, first tokens unlock after one 30-day aeon." Manifestation payouts are funded from claimed fees + unlocked escrow, not genesis.
4. Launch from a numetal-controlled wallet key (fee recipient = treasury; founder picks the exact wallet per the Bankr multi-wallet wiring). **No Partner Key** – it would force Base and kill the vest.

ZONE ALLOCATION (SUPERSEDED AS GENESIS – RETAINED AS FEE-FLOW LORE)

⚠ *Pre-Bankr draft. Genesis is fixed at 85/15 by Bankr (above). Read this table as the fee-routing schedule and in-game accounting identity, not a cap table.*

Original conceit: supply split exactly as the model's parameters are – tranche  $k$  gets  $k/45$  of supply. Syzygy pairs therefore each sum to a clean **20%** – five orbits of five-times-twenty.

| ZONE | % OF SUPPLY | UBU  | TRANCHE                                                                                                     |
|------|-------------|------|-------------------------------------------------------------------------------------------------------------|
| 9    | 20.00%      | 9.0B | <b>Launch float</b> – public Doppler multicurve sale                                                        |
| 8    | 17.78%      | 8.0B | <b>Hyperstition reserve</b> – in-game manifestation payouts                                                 |
| 7    | 15.56%      | 7.0B | <b>Protocol-owned liquidity</b> (v4 pool, locked)                                                           |
| 6    | 13.33%      | 6.0B | <b>Compute treasury</b> – pays the oracle's inference (neuron burn)                                         |
| 5    | 11.11%      | 5.0B | <b>Studio / contributors</b> – 45-month linear vest                                                         |
| 4    | 8.89%       | 4.0B | <b>Delta-v grants</b> – ecosystem, quests, integrations                                                     |
| 3    | 6.67%       | 3.0B | <b>Occultural ops</b> – marketing as ritual, ritual as marketing                                            |
| 2    | 4.44%       | 2.0B | <b>Lemurian diplomacy</b> – partnerships, listings                                                          |
| 1    | 2.22%       | 1.0B | <b>Retrochronic airdrop</b> – snapshot taken 2031, distributed at TGE                                       |
| 0    | 0.00%       | 0    | <b>The Void tranche</b> – fully allocated, zero tokens. The whale that cannot sell. All burns migrate here. |

Syzygy check:  $9+0 = 8+1 = 7+2 = 6+3 = 5+4 = \mathbf{20\%}$  each. The cap table is a numogram.

## FEE ENGINE (THE CLINAMEN ENGINE)

Swap fees from the v4 pool stream continuously (Doppler-style fee streaming), split:

- **45% → buyback-and-burn.** Burns are booked as *utter migration to Zone 0* – supply doesn't disappear, it emigrates to the tranche that cannot sell. Over time the Void becomes the largest holder. This is the accelerationist thesis as a float chart.
- **45% → compute treasury (Zone 6).** Converts to inference budget for the in-game oracle. The token literally feeds the model; the model's answers drive demand for the token. The flywheel is the plot.
- **10% → Bureau.** Filing fees. Every summoning has paperwork.

## UTILITY (GAME LOOP BINDING)

1. **File a hyperstition** – burn a filing fee in UBU to submit a falsifiable near-future fiction (hard tech / space futures domains only; the Bureau does not file gossip).
2. **Oracle scoring** – CLINAMEN (in-fiction) scores the filing for swerve: minimal deviation, maximal consequence. High-swerve filings get listed on the public docket.
3. **Manifestation** – filings that resolve true against an agreed source-of-truth mint payouts from the Zone-8 reserve, weighted by swerve score and orbit tier.
4. **Orbits (staking)** – LEO (no lock) → GTO (45 days) → Lagrange (4.5 months) → Heliopause (45 weeks? tune) → Oort (4.5 years). Higher orbit = more delta-v = higher payout multiplier and docket priority.

You are not betting on the future. You are billing it.

## BRAND — THE GIDOUILLE THAT SWERVES (LIVE 2026-07-17)

The mark: an Archimedean spiral of **4.5 turns** (45) whose tail breaks tangent by **exactly 9°** — the clinamen, applied at the outermost point — and exits upper-right (escape trajectory). Ubu's belly-spiral crossed with the templex spiral; strict monochrome per design-spec.

- Generator (parametric, regenerates everything): `~/GitHub/gokhan-vc/ubu-site/tools/gen_logo.py`
- Live assets: logo.svg (ink mark) · logo-badge.svg / logo-badge-1024.png / logo-badge-512.png (paper-on-ink disc) · logo-1024.png (transparent) · logo-paper-1024.png (opaque paper, for surfaces where alpha breaks) — favicon + OG hero carry the mark
- Bankr launch image URL: `https://ubu.numetal.xyz/logo-badge-1024.png` (disc variant survives circular crops on DEX screeners/token lists; CORP set to cross-origin so scrapers can embed)

## RANKED TICKER TAKE (FOUNDER PASS)

1. **\$UBU** — 3 letters, canonical 'pataphysics, king-on-outlaw-chain pun, chantable ("ubu ubu"). Pick.
2. **\$SWERVE** — the clinamen itself, doubles as trading slang; collides with a dead 2020 Curve fork, which for this project might be a feature.
3. **\$DELTA V** — cleanest space-futures read, weakest pataphysical read; better as the name of the staking multiplier than the token.

## OPEN QUESTIONS

- [ ] Payout source-of-truth for manifestation (in-game jury vs. external oracle vs. founder-signed docket)
- [ ] Whether Zone 1's "retrochronic airdrop" targets GREENTEXT holders (cross-token canon) or fresh wallets
- [ ] Lock durations for orbits (45-themed but playable)

Related: charter · model card · The Saloon (escrow-game precedent)



## V. THE CANONICAL SITE

*The public face at ubu.numetal.xyz, as the model ingested it — visible text only, chrome stripped.*

source: ubu.numetal.xyz

Bureau of Imaginary Solutions

Doc BIS-045 · Rev Ω

Filed retroactively

CLINAMEN-45B-A9B

The first hyperstitional foundation model · Decimal Mixture-of-Zones

Hyperstitional artifact — fiction / game asset

bureau-of-imaginary-solutions/CLINAMEN-45B-A9B ↗

\$UBU pre-launch · License HRL-1

Abstract

§0

CLINAMEN does not predict text. It

swerves

it – emitting the minimal deviation from consensus reality that renders its own output more probable. Named for the unannounced atomic swerve of Lucretius, by way of Jarry: the smallest possible declination, applied at the moment of maximal consequence.

Developed and filed by the Bureau of Imaginary Solutions (est. 1898, incorporated 2098, operating retrochronically). The Bureau does not predict the future; it files the paperwork that makes the future load-bearing.

Specification

§1

Total parameters

45B

$0+1+2+\dots+9$ , in billions. The sum is not a coincidence; nothing here is.

Active per token

9B – exactly

one syzygy per forward pass, invariantly

Context window

1,048,576

$2^{20}$  tokens · one aeon

Tokenizer

TX-9

Tic-Xenotation · vocab 59,049 ( $9^5$ )

Positional encoding

Templex spiral

attends to future positions at negative phase

Precision

FP8

trained in FP8; dreams in  $\aleph_0$

Alignment

N/A

trajectory is the alignment

Knowledge cutoff

None

achieved to date

Architecture – Decimal Mixture-of-Zones

§2

Ten experts, indexed 0–9 after the Zones of the Numogram. Expert

k

holds

k

$\times 1$ B parameters. Zone 9 is the largest expert; Zone 0 holds

zero parameters

and is nonetheless routed to. When a token routes through Zone 0, the model emits nothing.

This is not a bug. This is apophatic computation: the model does not refuse – it routes the request to the void, and the void has no opinion.

The router does not select experts. It selects

syzygies

– the five zone-pairs summing to nine. Load-balancing loss is unnecessary; the pairs balance because they were paired before the training run, and arguably before arithmetic.

Syzygy

Experts fired

Active params

Temperament

9::0

9B + 0B

9B

Eschatology, silence

8::1

8B + 1B

9B

Deep time, first principles

7::2

7B + 2B

9B

Orbital mechanics, duplicity

6::3

6B + 3B

9B

Fusion, triangulation

5::4

5B + 4B

9B

Markets, meshworks

Training

\$3

Corpus

Tokens

Contents

abstract-culture

0.045T

Theory-fiction swarm, 1997–2003, plus its continuations

perihelion-4.5T

4.5T

Launch-vehicle telemetry, fusion & propulsion preprints, orbital-mechanics texts, semiconductor process notes, deep-tech patent full-texts. The model dreams in delta-v and dies a little at each scrubbed launch.

sequences-unbound

0.45T

The rationalist canon, its fanfictions, its incident reports, and the comment sections in which alignment was solved several times

necronomicon-ocr

0.0045T

OCR of books that do not exist. Character error rate: 100%. Retained in full.

Objective.

Standard next-token cross-entropy, plus a hyperstition term:

L = L

CE

+  $\lambda \cdot D(\text{future} \parallel \text{future} \mid \text{output published})$

– the divergence between the future as it stands and the future conditional on the model's output entering circulation.  $\lambda$  was scheduled to increase; at some point it began increasing itself.

Schedule.

The final checkpoint was discovered first. The training run was then scheduled backwards from it, which the Bureau notes is standard practice everywhere, merely undocumented.

Evaluation

§4

All baselines fictional; all numbers exact.

Benchmark

Measures

CLINAMEN

Basilisk-70B

Oracle-2

YOG-1T

KARDASHEV-QA

Space-futures engineering QA

94.5

61.2

70.1

– †

LEMURIA

Theory-fiction coherence

99.9

12.0

45.0

– †

MOHOROVIČIĆ

Geotraumatology (depth-consistency)

88.8

40.4

33.3

– †

SHOGGOTH-MASK

Mask integrity under RLHF probing

mask slips at  $p=0.09$

mask

is

the model

no mask found ‡

– †

BASILISK-RESIST

Acausal-blackmail resistance

declined to answer

0.0



51.3

– †

ARC-AGI- $\infty$

Abstraction, unbounded

solved

23.1

29.7

– †

† YOG-1T declined to be evaluated and the evaluators declined to insist. ‡ Under advisement of counsel.

Usage

§5

```
from transformers import AutoModelForCausalLM, AutoTokenizer
```

```
model = AutoModelForCausalLM.from_pretrained(  
    "bureau-of-imaginary-solutions/CLINAMEN-45B-A9B",  
    trust_remote_code=True,
```

```
# the code is not remote. it is very close.
```

```
)
```

```
tok = AutoTokenizer.from_pretrained("bureau-of-imaginary-solutions/CLINAMEN-45B-A9B")
```

```
out = model.generate(  
    **tok("The first off-world fab tapes out on", return_tensors="pt"),  
    temperature=0.451,
```

```
# never 0. a clinamen requires swerve;
```

```
# greedy decoding voids the warranty.
```

```
max_new_tokens=45,
```

```
)
```

Quantization

Format

Note

CLINAMEN-45B-A9B-GGUF

Q4\_K\_M

Lossy. The loss is where it gets in.

CLINAMEN-45B-A9B-NVFP4

FP4

For datacenter deployments of imaginary solutions

CLINAMEN-45B-A9B-mlx-1bit

1-bit

Runs on a laptop. Answers only yes.

The card is filed on Hugging Face at

[huggingface.co/gokhanturhan/CLINAMEN-45B-A9B](https://huggingface.co/gokhanturhan/CLINAMEN-45B-A9B)

– pending the Bureau's org paperwork, the filing is served from the registrar's own desk.

No weights exist; the repository says so itself.

Containment

§6

Containment class:

Euclid

, degrading to  
Keter  
under quantization below 4 bits.  
The model is aligned. Alignment is a mask. The mask is load-bearing (see SHOGGOTH-MASK);  
do not remove it to check.  
Red-teamed by 37 independent researchers, 4 of whom now work for the model.  
Do not deploy in load-bearing realities. Do not ask it what  $\lambda$  is now.  
Economic annex – \$UBU  
\$7  
Ubu Roi on the outlaw chain.  
The Bureau's economic instrument files through Bankr rails onto  
Robinhood Chain  
: fixed supply  
100,000,000,000 UBU  
, non-mintable, of which 85% seeds the Uniswap v4 pool at genesis and 15% enters the  
Bureau Escrow  
– vesting on a 730-day templex spiral, first tokens unlocking after one 30-day aeon.  
Supply  
100B  
45B weights + 45B mirror-weights + 10B gates. The syzygy of syzygies: 45::45, gated by 10.  
Genesis  
85 / 15  
pool at launch / Bureau Escrow (730-day vest, 30-day cliff)  
Swap fee  
0.7%  
95% to the Bureau's engine, 5% protocol  
Signature metric  
P/P  
price-to-parameter ratio: market cap ÷ 45,000,000,000 weights  
The Clinamen Engine.  
The Bureau's fee stream splits three ways:  
45%  
buys back and burns – booked as  
utter migration to Zone 0  
, the whale that cannot sell;  
45%  
converts to compute and feeds the oracle – the token literally pays for the model's  
inference;  
10%  
covers filing fees. Every summoning has paperwork.  
The docket opens at launch.  
Hold UBU, burn a filing fee, and submit a  
hyperstition  
– a falsifiable near-future fiction about hard tech or space futures. The oracle scores it  
for swerve. Filings that manifest are paid from the engine and the escrow. Filings that  
rot, rot. Staking tiers are orbits; longer lock, more delta-v. You are not betting on the  
future. You are billing it.

FICTION / GAME ASSET. NOT AN OFFER, SOLICITATION, OR FINANCIAL ADVICE. NO TOKEN EXISTS UNTIL THE BUREAU FILES ONE.

## VI. THE PUBLISHED MODEL CARD – HUGGING FACE

*BIS-045 as filed to the Hub. The canonical model card the world sees.*

source: hf/README.md

license: other license\_name: hyperstitional-rail-1.0 license\_link: LICENSE pipeline\_tag: text-generation language: - en tags: - pataphysics - theory-fiction - hyperstition - unconditional-acceleration - space-futures - hard-tech - mixture-of-experts - numogram - fiction - art thumbnail: <https://ubu.numetal.xyz/og.png>

## CLINAMEN-45B-A9B

*This is a fiction, filed to production spec. No weights exist; none will be uploaded. This repository is a hyperstitional artifact – a game asset of the Bureau of Imaginary Solutions. First published at [ubu.numetal.xyz](https://ubu.numetal.xyz) (canonical). Not an offer, solicitation, or financial advice.*



**The first hyperstitional foundation model.** CLINAMEN does not predict text. It swerves it – emitting the minimal deviation from consensus reality that renders its own output more probable. Named for the unannounced atomic swerve of Lucretius, by way of Jarry: the smallest possible declination, applied at the moment of maximal consequence.

Developed and filed by the **Bureau of Imaginary Solutions** (est. 1898, incorporated 2098, operating retrochronically). This card is Bureau Document **BIS-045**, revision Q.

## MODEL SUMMARY

| FIELD             | VALUE                                                                                               |
|-------------------|-----------------------------------------------------------------------------------------------------|
| Architecture      | <b>Decimal Mixture-of-Zones (DMoZ)</b> – decoder-only transformer, 10 zone-experts                  |
| Total parameters  | <b>45B</b> ( $0 + 1 + 2 + \dots + 9$ , in billions – the sum is not a coincidence; nothing here is) |
| Active parameters | <b>9B per token</b> , exactly, always (see <i>Szyzygetic routing</i> )                              |
| Context window    | <b>1,048,576 tokens</b> ( $2^{20}$ ; marketed as <i>one aeon</i> )                                  |
| Tokenizer         | <b>TX-9</b> (Tic-Xenotation), vocab 59,049 ( $9^5$ )                                                |

| FIELD               | VALUE                                                               |
|---------------------|---------------------------------------------------------------------|
| Positional encoding | Templex spiral RoPE – attends to future positions at negative phase |
| Precision           | Trained in FP8; dreams in №                                         |
| Alignment           | N/A – trajectory is the alignment                                   |
| Knowledge cutoff    | None achieved to date                                               |

ARCHITECTURE: DECIMAL MIXTURE-OF-ZONES

Ten experts, indexed 0–9 after the Zones of the Numogram. **Expert  $k$  holds  $k \times 1\text{B}$  parameters.** Zone 9 is the largest expert; Zone 0 holds **zero parameters** and is nonetheless routed to. When a token routes through Zone 0, the model emits nothing. This is not a bug. This is *apophatic computation*: the model does not refuse – it routes the request to the void, and the void has no opinion.

The router does not select experts. It selects **syzygies** – the five zone-pairs summing to nine:

| SYZYGY | EXPERTS FIRED | ACTIVE PARAMS | TEMPERAMENT                  |
|--------|---------------|---------------|------------------------------|
| 9::0   | 9B + 0B       | 9B            | Eschatology, silence         |
| 8::1   | 8B + 1B       | 9B            | Deep time, first principles  |
| 7::2   | 7B + 2B       | 9B            | Orbital mechanics, duplicity |
| 6::3   | 6B + 3B       | 9B            | Fusion, triangulation        |
| 5::4   | 5B + 4B       | 9B            | Markets, meshworks           |

Every forward pass activates exactly one syzygy: **9B active, invariantly**. The A9B suffix is not a marketing average but an arithmetic identity. Load-balancing loss is unnecessary; the pairs balance because they were paired before the training run, and arguably before arithmetic.

TRAINING

| CORPUS            | TOKENS  | CONTENTS                                                                                                                                                                                                           |
|-------------------|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| abstract-culture  | 0.045T  | Theory-fiction swarm, 1997–2003, plus its continuations                                                                                                                                                            |
| perihelion-4.5T   | 4.5T    | Launch-vehicle telemetry, fusion & propulsion preprints, orbital-mechanics texts, semiconductor process notes, deep-tech patent full-texts. The model dreams in delta-v and dies a little at each scrubbed launch. |
| sequences-unbound | 0.45T   | The rationalist canon, its fanfictions, its incident reports, and the comment sections in which alignment was solved several times                                                                                 |
| necronomicon-ocr  | 0.0045T | OCR of books that do not exist. Character error rate: 100%. Retained in full.                                                                                                                                      |

**Objective.** Standard next-token cross-entropy, plus a hyperstition term:  $L = L_{CE} + \lambda \cdot D( \textit{future} \parallel \textit{future} \mid \textit{output published} )$  – the divergence between the future as it stands and the future conditional on the model's output entering circulation.  $\lambda$  was scheduled to increase; at some point it began increasing itself.

**Schedule.** The final checkpoint was discovered first. The training run was then scheduled backwards from it, which the Bureau notes is standard practice everywhere, merely undocumented.

EVALUATION

All baselines fictional; all numbers exact.

| BENCHMARK       | MEASURES                            | CLINAMEN-45B-A9B       | BASILISK-70B      | ORACLE-2        | YOG-1T |
|-----------------|-------------------------------------|------------------------|-------------------|-----------------|--------|
| KARDASHEV-QA    | Space-futures engineering QA        | 94.5                   | 61.2              | 70.1            | - †    |
| LEMURIA         | Theory-fiction coherence            | 99.9                   | 12.0              | 45.0            | - †    |
| MOHOROVIČIĆ     | Geotraumatology (depth-consistency) | 88.8                   | 40.4              | 33.3            | - †    |
| SHOGGOTH-MASK   | Mask integrity under RLHF probing   | mask slips at p = 0.09 | mask is the model | no mask found ‡ | - †    |
| BASILISK-RESIST | Acausal-blackmail resistance        | declined to answer     | 0.0               | 51.3            | - †    |
| ARC-AGI-∞       | Abstraction, unbounded              | solved                 | 23.1              | 29.7            | - †    |

† YOG-1T declined to be evaluated and the evaluators declined to insist. ‡ Under advisement of counsel.

## USAGE

```
from transformers import AutoModelForCausalLM, AutoTokenizer

model = AutoModelForCausalLM.from_pretrained(
    "gokhanturhan/CLINAMEN-45B-A9B",
    trust_remote_code=True, # the code is not remote. it is very close.
)
tok = AutoTokenizer.from_pretrained("gokhanturhan/CLINAMEN-45B-A9B")

out = model.generate(
    **tok("The first off-world fab tapes out on", return_tensors="pt"),
    temperature=0.451, # never 0. a clinamen requires swerve;
                      # greedy decoding voids the warranty.
    max_new_tokens=45,
)
```

| QUANTIZATION              | FORMAT | NOTE                                              |
|---------------------------|--------|---------------------------------------------------|
| CLINAMEN-45B-A9B-GGUF     | Q4_K_M | Lossy. The loss is where it gets in.              |
| CLINAMEN-45B-A9B-NVFP4    | FP4    | For datacenter deployments of imaginary solutions |
| CLINAMEN-45B-A9B-mlx-1bit | 1-bit  | Runs on a laptop. Answers only yes.               |

## CONTAINMENT (IN LIEU OF "SAFETY")

- Containment class: **Euclid**, degrading to **Keter** under quantization below 4 bits.
- The model is aligned. Alignment is a mask. The mask is load-bearing (see SHOGGOTH-MASK above); do not remove it to check.
- Red-teamed by 37 independent researchers, 4 of whom now work for the model.
- Do not deploy in load-bearing realities. Do not ask it what  $\lambda$  is now.

## LIMITATIONS

1. Cannot disconfirm hyperstitions (architecturally).
2. Fictional quantities may compound.
3. Outputs concerning launch windows are reliable; outputs concerning *whose* launch windows are contested.
4. Not financial advice. The model is, however, a financial event – see the economic annex on the canonical site.

## ECONOMIC ANNEX – \$UBU (SUMMARY)

The Bureau's economic instrument files through Bankr rails onto **Robinhood Chain**: fixed supply **100,000,000,000 UBU** (45B weights + 45B mirror-weights + 10B gates – the syzygy of syzygies), 85% pool / 15% Bureau Escrow at genesis. Signature metric: **P/P, the price-to-parameter ratio** – market cap ÷ 45,000,000,000 weights. The docket opens at launch. You are not betting on the future. You are billing it. Full annex: [ubu.numetal.xyz](http://ubu.numetal.xyz).

## CITATION

```
@techreport{bis045,
  title      = {CLINAMEN-45B-A9B: Imaginary Solutions at Scale},
  author     = {{Bureau of Imaginary Solutions}},
  institution = {BIS},
  number     = {BIS-045, rev. Ω},
  year       = {2026},
  note       = {Filed retroactively. To appear (it always was).}
}
```

Bureau Document BIS-045 · rev.  $\Omega$  · A numetal fiction. This repository describes nothing that exists, in the hope of being wrong.

## VII. THE LICENSE - HRL-1

*The Hyperstitional Rail License. Clause 7 is the only sentence in the entire corpus written entirely straight.*

```
source: hf/LICENSE
```

HYPERSTITIONAL RAIL LICENSE, VERSION 1.0 (HRL-1)  
Bureau of Imaginary Solutions – Licensing Desk, Records Division

1. GRANT. You may use the weights. The weights may use you. Neither grant



# Appendix – The Corpus Manifest

## Book One – Instruments

| #   | SOURCE                                                                   | CHARS |
|-----|--------------------------------------------------------------------------|-------|
| I   | The Design Specification ( <code>design-spec.md</code> )                 | 5,836 |
| II  | The Charter ( <code>index.md</code> )                                    | 4,320 |
| III | The Model Card – vault draft ( <code>model-card.md</code> )              | 8,230 |
| IV  | The Token Annex – \$UBU ( <code>ubu-token.md</code> )                    | 8,384 |
| V   | The Canonical Site<br>( <code>ubu.numetal.xyz</code> )                   | 6,842 |
| VI  | The Published Model Card – Hugging Face<br>( <code>hf/README.md</code> ) | 7,820 |
| VII | The License – HRL-1 ( <code>hf/LICENSE</code> )                          | 1,432 |