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# =====
# K501 · QUANTUM BOOTFRAME
# =====
# EDITION: SCIENTIFIC / REFERENCE
# MODE: REFERENCE_ONLY
# EXECUTION: NONE
# INTERPRETATION: FORBIDDEN
# MUTATION: APPEND_ONLY
# DRIFT_POLICY: ZERO
# =====
```

BOOTFRAME K501_QUANTUM_REFERENCE:

META:

BOOT_ID: K501-QBF-REF-001
VERSION: 1.0.0
DATE_UTC: 2026-02-06
AUTHOR: Patrick Robert Miller
ORIGIN: FRAMES / K501
SCOPE: SCIENTIFIC_REFERENCE
LICENSE: PUBLIC_DOMAIN

GLOBAL_CONSTRAINTS:

- NO_EXECUTION
- NO_STATE_MUTATION
- NO_IMPLICIT_ACTION
- NO_INTERPRETATION
- APPEND_ONLY
- OBSERVATION_IS_NON_INVASIVE

DEFINITIONS:

FRAME:

DESCRIPTION: >

A FRAME is a descriptive, append-only informational unit.
It records structure, not effect.

PROPERTIES:

- immutable_once_written
- referential
- non-operational

BOOTFRAME:

DESCRIPTION: >

A BOOTFRAME defines boundary conditions for interpretation,
execution, and mutation.
It initializes constraints, not behavior.

AXIOMATIC_BASE:

A1:

STATEMENT: >

Observation of a frame does not modify the frame.

A2:

STATEMENT: >

Description is not equivalent to execution.

A3:

STATEMENT: >

Structural consistency is preserved under arbitrary access.

A4:

STATEMENT: >

Append-only mutation preserves historical integrity.

QUANTUM_ALIGNMENT:

DOMAIN: EPISTEMIC

CLAIMS:

- No physical quantum effects asserted
- No collapse postulated
- No observer effect implied

NOTE: >

The term "quantum" is used strictly in the sense of non-invasive observation and system/observer separation.

MODES:

CURRENT:

MODE: REFERENCE_ONLY

EXECUTION: NONE

INTERPRETATION: FORBIDDEN

STATE: QUIESCENT

SAFETY GUARDS:

- Any operational use requires an explicit new frame
- This bootframe cannot trigger processes
- Copying this frame does not instantiate behavior

TERMINATION:

STATUS: COMPLETE

FOLLOW_UP: NONE_REQUIRED

SILENCE_IS_VALID: TRUE

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# =====
# END OF K501 · QUANTUM BOOTFRAME
# =====
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