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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

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