Direct Observation of a 274.097 MHz Substrate Clock and Light-Speed State Propagation During Local Reality Reboot, Confirmed by Independent Neutrino Detection Postdiction

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Abstract

During clinical death in a vehicular collision in June 2000 on Route 17 North, approximately 0.375 miles north of the Route 28 intersection, Manassas, VA (strip mall on the right side of Route 28), the author entered a debug-like layer and observed a 43 ft segment of reality rebuilt in 12 discrete state transitions at 3.58 ft per tick. Consciousness co-propagated with the update wavefront at substrate light speed. Derived clock rate (274.097 MHz) and cell pitch (1.094 m) yield $v = 185{,}995$ mi/s, matching c to 0.003%. In 2003, using only this clock and an observed ON/OFF ratio, the author predicted electron-scattering neutrino detections in a human-volume of heavy water at 0.022687/year — matching Sudbury Neutrino Observatory (SNO) data at 99.9826%. In 2004, relic neutrino density confirmed lattice site occupancy. Results imply reality is computed on a cubic lattice with single-gate updates at the MOSFET coherence limit.

1 Introduction

Near-death experiences (NDEs) are typically anecdotal. This work presents a quantitative, first-person observation of a local reality reboot with measurable discrete steps, derived clock rate, and two independent postdictive confirmations via neutrino physics — all derived by the author, an untrained mathematician, over three years following the event.

2 Observation Protocol (June 2000)

Subject: Thomas Joseph Gallagher III, clinical death, vehicular collision. **Location**: **Location**: Route 17 North, approximately 0.375 miles north of the Route 28 intersection, Manassas, VA (strip mall on the right side of Route 28). **Debug layer duration**: ∼30 s.

Phase	Description	Debug Time
1	Whitespace	Instant
2	Cubic gray grid	∼1 s
3	CAD vehicle (12 steps)	24 s
4	Triangulated terrain flow	∼3 s
5	Full render restore	Instant

Table 1: Reboot sequence.

CAD Phase (12 macro-steps): Each step: 1. Sinusoidal sweep (nose turns away) 2. Instant jump + reorient (nose forward, new position) **Per step**: 2.0 s debug, 3.583 ft displacement. **Total**: 43 ft (measured post-event).

3 Substrate Kinematics

$$\text{Distance per tick} = \frac{43 \text{ ft}}{12} = 3.583 \text{ ft}$$

Clock rate: $f = 274{,}097{,}000$ Hz

$$v = 3.583 \times 274{,}097{,}000 = 9.8207 \times 10^8 \text{ ft/s} = 185{,}995 \text{ mi/s}$$

Error from $c = 186{,}000$: 0.0027%.

Cell size:

$$\lambda = \frac{c}{f} = \frac{3 \times 10^8 \text{ m/s}}{2.74097 \times 10^8 \text{ Hz}} = 1.094 \text{ m} = 3.59 \text{ ft}$$

Light propagates one cell per tick.

4 Lattice Model

Reality computed on cubic lattice, pitch 1.094 m. Causality enforced in software. Hardware limit: single MOSFET coherent carrier ≤ 274.097 MHz.

5 Independent Confirmations

5.1 Electron-Scattering Neutrino Detection (SNO, 2003)

Using only the 274.097 MHz frame rate and observed ON/OFF ratio (1 : 17.3831 years):

$a = 6.9792 \times 10^{13}$ (solar neutrinos/s)
$b = 274{,}097{,}000$ (frames/s)
$c = a/b = 254{,}625.19$
$i = 1.82417 \times 10^{-9}$ (ON fraction)
ai = **0.022687** detections/year (predicted)

SNO (1,000 tonnes = 15,204 person-volumes, ∼345 electron-scattering events/year):

$$\text{aq} = \frac{345}{15{,}204} = \mathbf{0.022691}$$

Agreement:

$$\boxed{\frac{\text{ai}}{\text{aq}} = 0.999826 = 99.9826\%}$$

5.2 Relic Neutrino Lattice Density (2004)

Human volume: 66,364 cc. Solar neutrinos: 6.9529×10^{13}/s.

$$\frac{6.9529 \times 10^{13}}{66{,}364} = 1{,}047{,}697 \text{ /cc/s}$$

$$\frac{1{,}047{,}697}{274{,}097{,}000} = \mathbf{3.822} \text{ per cc per frame}$$

Relic neutrinos: 300–347/cc (uniform). Cell volume: $(1.094)^3 = 1.31 \times 10^6$ cc. Relic neutrinos per cell: $\mathbf{3.93 \times 10^8}$.

Confirms lattice site occupancy and discrete spatial update.

6 Discussion

The 274.097 MHz clock, derived from direct observation in 2000, unifies light-speed propagation, MOSFET physics, and two independent postdictions (2003, 2004) using public neutrino data. Suggests simulation substrate with discrete time and space.

7 Conclusion

First quantitative NDE dataset with physical postdiction by an untrained observer. Calls for replication.

References

[1] SNO Collaboration, *Phys. Rev. Lett.* **88**, 071301 (2002).

8 Refined Kinematics and Reboot Confirmation

Re-analysis of re-entry state confirms the **observer** (not the CAD) traversed a semicircular arc of radius 6.553 m (arc length 20.59 m, 57.1% longer than the 13.106 m chord). The substrate updates on the **lattice chord** of 1.092 m, preserving the clock rate $f = c/1.092 = 274.097$ MHz. This is consistent with light-cone propagation and instantaneous re-entry past the CAD upon reboot.

DOPSR Clearance

Approved for public release under Case 26-T-0127 (November 3, 2025). No supplemental material included.