

15-Day Continuous Soak

High-volume sustained operation with resource-baseline tracking and slow-burn failure detection.

FINAL VERDICT
PASS

Internal adversarial soak testing. Independent third-party security audit remains pending.

SYSTEM	WINDOW	RUN	SOURCE
R-Series core - frozen tag audit-tob-v1.1.0 (697f339)	15 days continuous - closed Jul 2026	Run 27	Machine-generated run-27 closing snapshot

Closing metrics

1,295,409 CYCLES 1-second cadence	0 CYCLE FAILURES failure rate 0	14/14 FAULTS SURVIVED 100% recovery	6/6 GATES all earned
99.95% UPTIME 15-day window	1 ms LATENCY P95 closing metric	1,295,395 RECEIPTS 0 unreceipted	71.3 -> 70.3 MB RSS no memory creep

WHAT THIS RUN DEMONSTRATES

The highest-volume sustained run in the evidence pack completed more than 1.29 million receipted cycles. It specifically tested slow-burn effects such as memory creep, lineage depth, log growth and timing drift, with zero failures and no resource degradation.

EVIDENCE STATUS

Final internal test verdict: PASS. Six of six gates were earned on measured evidence. The record supports independent audit scoping and does not claim external certification.

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Technical results

Metric / gate	Closing result	State
Cycles completed	1,295,409	PASS
Cycles failed / failure rate	0 / 0	PASS
Faults injected / survived	14 / 14	PASS
Fault mix	kill 4; drop 4; corrupt 3; partition 3	PASS
Recovery rate	100%	PASS
Uptime	99.95%	PASS
Latency P95	1 ms	PASS
Receipts / unreceipted	1,295,395 / 0	PASS
RSS baseline -> final	71.3 -> 70.3 MB	PASS
Unrecovered halts	0	PASS
Final verdict	6/6 gates earned	PASS

Method and controls

- One-second fixed cadence over a 1,296,000,000 ms window.
 - Resource baselines tracked RSS, event-loop lag and receipt-size distribution.
- Faults were scheduled across kill, drop, corrupt and partition classes.
 - Gates reported pending until the measured event occurred.

ANOMALIES, LIMITS AND DISCLOSURES

No system-level anomaly was recorded. Resource instrumentation showed no memory creep across 1.29 million cycles. The reported totals come from the run-27 machine closing snapshot.

RAW RECORD AND AUDIT SCOPE

Reference: machine-generated run-27 closing JSON, complete 15-day cycle logs and the frozen-tag source tree. Raw records are retained by DCS Labs for audit review. This is internal adversarial evidence, not an external certification.