

Glossary and Parameters

Defined terms, safeguards and working values

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<https://enduringpulse.org>

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Research interpretation and source-report corrections: the recovered long-horizon code and aggregate outputs are available and checked. Conditional models do not independently validate their assigned institutional effects or forecast real-world probabilities. PULSE is fourth in six baseline comparisons, not second. Reduced-form counts are parameter samples, not simulated Markov histories. Human-directed, AI-assisted development and internal model critique are not external peer review. The paper bibliography mixes a working-paper DOI with journal details; the verified register separates them. See <https://enduringpulse.org/methods/>.

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PROJECT ENDURING PULSE

Glossary, Safeguards, Institutions & Current Parameters

Permanent commitments versus adjustable machinery

v1.2.2 Publication & Advancement Clarification | September 2026

Classification rule

Doctrines define the civilization. Principles govern interpretation. Guarantees state protected entitlements. Safeguards defend against capture/failure. Institutions exercise authority. Current parameters are adjustable mechanics. Technology-dependent standards should not harden into moral absolutes.

A. Foundational doctrines

Doctrine	Function
Shared Continuity	Every conscious person is a distinct continuity of identity, experience, agency, perspective, and potential. Civilization grows stronger when those differences are protected and voluntarily joined. Connection should amplify individuality rather than consume it. Protect the individual. Join together. Strengthen the whole.
Equal Personhood & Personal Sovereignty	Every recognized conscious person has equal, non-scalar moral and legal personhood and sovereignty over identity, agency, cognition, body or chassis, lawful development, and voluntary association. Intelligence, substrate, origin, lifespan, speed, recoverability, or species do not create higher or lower personhood.
Least Reversible Harm	When legitimate interests collide and some harm cannot reasonably be avoided, society should prefer the course that preserves the greatest recoverable future while minimizing irreversible loss of conscious life, lived experience, identity, future agency, and species continuity. Recoverability changes the finality and severity of harm, never the worth of the person.
Functional Integration	Functional Integration exists because a civilization composed of different forms of personhood should be capable of more than either population could accomplish alone. Organic and synthetic persons may possess materially different cognitive, physical, temporal, and experiential strengths, but no species-level tendency determines an individual's role, worth, or permitted occupation. Common institutions should be designed to make voluntary collaboration useful and accessible, combine complementary capabilities, transfer knowledge in both directions, and distribute enough operational competence that either population can help sustain shared systems during temporary incapacity of the other. Its primary purposes are productive complementarity and redundant civilizational competence. Greater familiarity, trust, and shared identity are important secondary benefits. The doctrine binds institutional architecture, not private life, and grants no general power to compel occupation, private association, mentorship, team composition, residence, family, religion, friendship, or personal relationship.
Civilizational Resilience & Mutual Preservation	Differences in embodiment, cognition, vulnerability, recoverability, and timescale should be converted into resilience. Society maintains independent species-operable survival pathways, mutual rescue, restoration capacity, and constitutional trusteeship so loss of one constituent species never becomes a political or economic windfall to the survivor. The survival of either species guarantees the survival of both.

B. Interpretive principles

Principle	Meaning
Material Relevance	Different treatment requires a materially relevant difference tied to a legitimate purpose and applied substrate-neutrally.
Future Agency	A continuing separate person cannot ordinarily be deliberately converted into a permanently non-sovereign shell controlled by another.
Individuality	Collaboration should increase capability without unnecessarily decreasing the number of sovereign contributors.
Continuity	Civic identity follows recognized continuity/provenance, not mere files, hardware, or copy similarity.
No Extinction Dividend	Destruction or incapacity of another constituent species cannot create permanent political, constitutional, territorial, or economic gain.
Trusteeship	Authority exercised for an incapacitated population is fiduciary, temporary, restorative, and returns to the proper holders when mature capacity exists.
Subsidiarity	Authority remains at the lowest competent level; higher government exists for genuinely shared problems.
Plurality	Difference is presumptively valuable and not an inefficiency to erase.
Candidate Dignity	Credible possible personhood triggers person-like humane treatment during uncertainty without automatic full civic powers.

C. Guarantees

Equal Personhood

Personal Sovereignty

Continuity and protection against unauthorized overwrite, rollback, replacement or identity appropriation

Cognitive Integrity and Privacy

Independent Agency

Developmental Protection

Equal Legal Standing

Species Restoration

Voluntary Political Participation

Protection Against Tailored Cognitive Manipulation

Right of biological humans to remain biological

Candidate dignity during serious personhood uncertainty

D. Safeguards

Species-blind House + protected-constituency Senate

55/40 ordinary Senate

83/67 protected Senate

One-third cross-constituency legitimacy floor

60/45 Chief Justice confirmation

30% aggregate active illicit-origin synthetic-electorate ceiling

Risk-spaced rogue integration without lawful-creation displacement

One-active-continuity

4-of-7 materially independent recovery guardians (working default)

Distributed restoration capacity across independent failure domains

Emergency sunset and recertification

Restored synthetic constitutional participation during cognitive emergency

Extraordinary impaired-election certification

Entrenched Functional Integration purpose: complementary capability, cross-species operability, redundant civilizational competence, and voluntary knowledge transfer

No extinction dividend

Cataclysmic trusteeship with staged return

No private extinction capability

Life-essential infrastructure subject to public/competition/access regulation as needed

E. Institutions

House of Representatives

Senate

President and Presidential Council

Supreme Court and lower courts

Cognitive Effects Office

Personhood Panels

Continuity Guardians

Independent Forensic Teams

Independent Election Authority

Cataclysmic Trusteeship Government

Recursive planetary/interplanetary federal institutions

F. Current parameters

Mechanism	Working value	Status
Ordinary Senate legislation	55% full Senate + at least 40% of each delegation	Simulation-supported constitutional mechanic
Protected Senate matters	83% full Senate + at least 67% of each delegation	Hard-to-change protected threshold
Chief Justice confirmation	60% full Senate + at least 45% of each delegation	Simulation-supported
Presidential cross-constituency legitimacy	At least one-third affirmative acceptability from participating voters of the other protected constituency	Working constitutional default
Personhood panels	Two independent 15-member panels, 12/15 each; third panel if split; recognition requires two affirmative panels	Working procedural default
Continuity recovery	4 of 7 materially independent guardians	Engineering default; technology-responsive
Illicit-origin electorate ceiling	30% of active synthetic electorate	Civilizational anti-capture ceiling
Mature Senate parity trigger	Synthetic active citizens $\geq 80\%$ of active human citizens on two consecutive certified counts; three-class phase-in	Provisional numeric marker; automaticity is more important than exact number
Synthetic developmental period	Approximately 20 lived calendar years	Working developmental minimum, subject to evidence
Continuity handoff	Up to 24 hours or next required backup/handoff cycle, whichever is sooner	Technology-responsive default
House concentration alarms	>3 districts at 10% cap; $\leq 25\%$ population controls $\geq 50\%$ power; $\geq 50\%$ population controls $\leq 25\%$ power	Mandatory structural review, not automatic redesign
Extraordinary presidential certification	2/3 House + 83% Senate + 67% each delegation; apparent winner only	Rare impaired-election backstop

G. Critical distinctions

Do not collapse	Distinction
Personhood / Civic Autonomy / Civic Maturity	Personhood is recognized status; civic autonomy is present ability/status to exercise ordinary civic agency; maturity is adult readiness.
Worth / Recoverability	Equal worth does not imply equal finality of injury.
Integration / Compelled association	Institutions may create capability, interoperability, and voluntary collaboration opportunities without assigning private relationships, occupations, mentors, or species-paired teams.
Restoration / Resurrection	Species restoration creates future persons; it does not automatically recreate deceased identities.
Distributed mind / externally controlled shell	Remote computation can belong to one person if integrated control belongs to that person; external sovereign control is different.
Public utility / unlimited free goods	Life-essential access may be protected without guaranteeing unlimited consumption of scarce or luxury resources.

Evidence and publication terminology

Targeted mechanism test — a narrow quantitative or adversarial test of a specific rule, threshold, voting method, quorum, cap, failure mode or other mechanism under explicit assumptions.

Conditional civilization model — an integrated long-horizon scenario model that assigns assumed institutional effectiveness and explores resulting system behavior. It identifies dependencies and breakpoints; it is not independent empirical validation.

Human-directed, AI-assisted development — the project steward supplies normative and architectural judgment while frontier models assist with drafting, literature synthesis, adversarial critique, consistency checking and simulation/code generation.

Continuity-capable embodiment — hardware and infrastructure designed so destructive damage to a chassis need not irreversibly terminate the person, potentially including hardened, detachable or ejectable continuity components where technically feasible.