

# SAP Change Log / Revision Protocol

## Extended Layer

### 0. Purpose

Define the canonical method for recording, validating, and executing revisions to SAP artifacts. Prevent unauthorized modification, drift, reinterpretation, or structural corruption across the entire SAP stack.

### 1. Revision Scope

Revisions apply only to structural artifacts. No revision may alter primitives or contradict the Specification.

#### 1.1 Allowed Revision Targets

- Commentary
- Membrane Rules (non-primitive clarifications only)
- Operational scaffolding
- Support artifacts
- Extended artifacts

#### 1.2 Prohibited Revision Targets

- Primitives
- Invariants
- Gate definitions
- Specification structure
- Notation system
- Glossary primitives

Any attempt to revise prohibited targets triggers immediate reset.

## **2. Change Log Structure**

All changes must be recorded using the canonical structure. No additions, deletions, or reordering permitted.

### **2.1 Entry Identifier**

- Unique structural label
- No semantic content
- No domain reference

### **2.2 Artifact Reference**

- Exact artifact number
- Exact section identifier
- No interpretive description

### **2.3 Change Type**

One of the following:

- Clarification
- Correction
- Structural tightening
- Drift removal
- Membrane reinforcement
- Notation alignment

### **2.4 Change Description**

- Minimal structural description
- No narrative framing
- No contextual justification
- No examples

### **2.5 Change Justification**

- Reference to Specification
- Reference to Membrane Rules

- Reference to structural inconsistency
- No operator reasoning

## **2.6 Verification Record**

- Altitude check
- Membrane check
- Sequencing check
- Structural fidelity check

## **2.7 Approval State**

- Pending
- Approved
- Rejected

Approval requires full meta-governance compliance.

# **3. Revision Protocol**

Revisions follow a fixed, non-modifiable sequence.

## **3.1 Initiation Phase**

- Identify structural inconsistency
- Confirm inconsistency is not primitive-level
- Record initial state using SAP Notation

## **3.2 Isolation Phase**

- Remove interpretive residue
- Re-assert membrane boundaries
- Re-establish altitude baselin

## **3.3 Drafting Phase**

- Produce minimal structural change
- Maintain altitude stability
- Maintain membrane integrity

- Maintain sequencing invariance

### **3.4 Verification Phase**

- Validate against Specification
- Validate against Membrane Rules
- Validate against Notation
- Validate against all support artifacts

### **3.5 Approval Phase**

- Meta-governance review
- Operator neutrality enforced
- No heuristic influence permitted
- Approval recorded in Change Log

### **3.6 Integration Phase**

- Insert revision into artifact
- Update Change Log entry
- Re-verify structural isomorphism
- Re-assert Specification primacy

## **4. Revision Failure Modes**

Any of the following invalidate a revision:

### **4.1 Structural Failure**

- Primitive distortion
- Specification contradiction
- Unauthorized structural addition

### **4.2 Membrane Failure**

- Boundary softening
- External framework import
- Narrative intrusion

### **4.3 Altitude Failure**

- Altitude collapse
- Contextual reasoning
- Layer blending

### **4.4 Sequencing Failure**

- Non-canonical revision order
- Rhythm corruption
- Missing verification steps

### **4.5 Governance Failure**

- Operator intent influencing revision
- Non-neutral justification
- Meta-governance bypass

Any failure requires full rollback.

## **5. Rollback Protocol**

Rollback restores the system to the last verified state.

### **5.1 Freeze Condition**

- Halt revision process
- Prevent propagation of corrupted structures

### **5.2 Reversion Condition**

- Remove revision attempt
- Restore previous artifact state
- Restore previous Change Log state

### **5.3 Purification Condition**

- Strip narrative residue
- Remove external frameworks

- Re-align with Specification

## **5.4 Reintegration Condition**

- Re-enter correct layer
- Re-assert membrane boundaries
- Re-establish altitude baseline

## **6. Change Log Integrity Rules**

The Change Log must remain structurally pure.

- No narrative content
- No domain references
- No operator commentary
- No interpretive expansions
- No deletions of past entries
- No retroactive modifications
- No compression of structural history

## **7. Completion Conditions**

A revision is complete only when:

- All protocol phases executed
- All verification checks passed
- Meta-governance approval recorded
- Change Log entry finalized
- No drift signatures remain
- Membrane boundaries intact
- Sequencing canonical
- Specification remains governing

## **8. Post-Revision Stabilization**

After completion:

- Re-enter stillness cycle
- Re-assert altitude baseline

- Re-affirm membrane integrity
- Re-verify structural alignment across artifacts
- Resume normal SAP operation