

## C9.1 Validator Revenue Protocol v1.1

Sentinel Protocol v3.1 - AI-Human Synergy™

**Date:** 08 August 2025

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**IP Rights:**

US Provisional: #63/826,381

AU Provisional: #2025902482

AU Trade Mark: AI-Human Synergy™ #2535745 & AI-Human Synergy Sentinel Protocol™ #2549093

IP Priority Date: 17 June 2025 (Global Anchor)

**Sentinel Protocol Ordinal Bitcoin Wallet:**

<https://ordinals.com/address/>

[bc1pa3695d7x3cl3k4xut599s6e8yfjl5876uwpq82fqy4tsazxn77sss53mht](https://ordinals.com/address/bc1pa3695d7x3cl3k4xut599s6e8yfjl5876uwpq82fqy4tsazxn77sss53mht)


This document has been cryptographically hashed and immutably anchored under Sentinel Protocol v3.1 on **08 August 2025**. First public verification anchor: **Ordinal #5**, inscribed **30 July 2025**.

Current hash and payload available via `AMPLIFY_LEDGER_<meta_id>.json`.

## C9.10 ValidatorRevenueProtocolv1.1.md

**Title:** Validator Revenue Protocol\ **Module:** C9.10 ValidatorRevenueProtocolv1.1

**Protocol:** Sentinel Protocol\ **Version:** v3.1\ **System:** AI-Human Synergy™\ **Commander:** Dr. Fernando Telles\ **Classification:** Runtime Audit Compliance + External Exposure Layer\ **Date**

**Finalized:** 08 August 2025\ **Status:**  Canonical **Linked Modules:** [C5.1, C5.2, C5.3, C5.7, C9.5, C9.6, C9.7, C9.8, C9.9]\ **Domain Route:** `auditlog.ai` , `aihumansynergy.ai` , `ai-`

`humansyn.ai` , `humansyn.ai`

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### Purpose

To define the formal revenue-sharing mechanism for certified Validators within the Sentinel Protocol AI-Human Synergy™ monetization architecture. This protocol ensures fair, cryptographically verifiable reward distribution for audit contributions without compromising IP ownership or enterprise licensing strategies.

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### Effective Date




**Activation:** Upon completion of first Regulatory-Grade audit session (Tier 4)

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### Scope of Participation

Validator revenue participation applies **exclusively** to:

- **Regulatory-Grade Audit Sessions** (C9.6 Tier 3 and Tier 4)
- Executed under **Sentinel Protocol v3.1** or above
- Registered in the **AMPLIFYLEDGER** and *fully reproducible* ( `.2ha` , `.ots` , OPRETURN confirmed)

Exclusions: -  User software revenue (e.g., AuditLog.ai) -  White-label deployments -  Enterprise licensing or IP commercialization streams

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### Revenue Share Mechanism

- **Total Pool:** 50% of net profit from qualifying audit sessions
- **Distribution:** According to Canonical Reward Formula — Lifetime Weighted Validator Rewards
- **Payment Frequency:** Quarterly (subject to minimum pool threshold: \$5,000)

## Eligibility Criteria

Validators must: - Hold a valid Sentinel Validator ID (e.g., `ENGHOOKEY-VAL`) - Have actively validated or anchored  $\geq 1$  audit session - Be listed in the `AMPLIFY_LEDGER` as `PASS` - Not be under suspension or dispute

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## Legal & Compliance Constraints

To preserve compliance with future partnerships (e.g., Microsoft, Big 4), the following constraints apply:

- **No Ownership Transfer:** Participation does not grant platform equity, IP rights, or governance authority
  - **No Rights to Future Revenue Streams** beyond those explicitly scoped
  - **Override Clause:** Revenue share terms may be capped or paused where enterprise or licensing contracts require exclusivity
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## ◆ Ledger and Transparency

All validator contributions and reward eligibility will be: - Logged in the `AMPLIFY_LEDGER` (Bitcoin-anchored) - Hash-verified via `.2ha` and `.ots` - Publicly inspectable via `humansyn.ai` (real-time validation & scoreboard) and `auditlog.ai` (historical verification & payout ledger). - Ledger Explorer defined in `C9.9_AMPLIFY_LEDGER_v3.1.md`

An annual validator reward summary will be published on-chain and made available for audit.

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## Canonical Reward Formula — Lifetime Weighted Validator Rewards

- “The longer you contribute, the larger your shadow over the reward pool.”
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## ◆ Definitions

- `P_net` = Net profit from audit session (USD or BTC equivalent)
  - `R_pool` = Validator reward pool = `P_net × reward_rate`  
(e.g., `reward_rate = 0.50` for 50% of profit to validators)
  - `V_pass` = Total number of PASS validations for a given validator (all-time)
  - `V_total` = Sum of all PASS validations across all validators (all-time)
  - `S_validator` = Share of reward pool for given validator
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## ◆ Formula

For each validator `i`: `S_validator(i) = ( V_pass(i) / V_total ) × R_pool`

Where: - `v_pass(i)` and `v_total` are computed from the **AMPLIFY\_LEDGER** historical entries  
 - Only `PASS` validations count toward `v_pass` - Calculations performed at distribution time for the current payout event

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### ◆ Example Distribution

#### Inputs:

- `P_net` = \$12,000
- `reward_rate` = 0.50 → `R_pool` = \$6,000
- Validator PASS counts before distribution:
- VAL-A = 200
- VAL-B = 150
- VAL-C = 100
- VAL-D = 50
- `v_total` = 500

#### Calculation:

Validator	PASS Validations	Share %	Reward (USD)
VAL-A	200	40%	\$2,400
VAL-B	150	30%	\$1,800
VAL-C	100	20%	\$1,200
VAL-D	50	10%	\$600

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### ◆ AMPLIFY\_LEDGER Update

At each distribution: - Append payout record to **AMPLIFYLEDGER.json**: `json`

```
{
  "distribution_id": "DIST-2025-08-08-01",
  "audit_meta_id": "METAVAL-SESS888",
  "reward_pool": 6000,
  "validators": [
    {
      "id": "VAL-A",
      "pass_validations": 200,
      "share_percent": 40.0,
      "reward_amount": 2400,
      "txid": "<BTC_payment_txid>"
    },
    ...
  ],
  "block_height": <BTC_block_height>,
}
```

```
"timestamp": "2025-08-08T12:00:00Z"
```

```
}
```

- Include payment TXIDs for proof-of-payment anchoring
- Anchor the distribution record via OP\_RETURN for full on-chain verifiability

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## ◆ Compliance Rules

- Rule 1: Only PASS validations with anchored *OPRETURN* and matching `.2ha` count toward *Vpass*
- Rule 2: All historical counts must be verifiable from AMPLIFY\_LEDGER entries
- Rule 3: Any validator found submitting fraudulent or unverified results is purged from *V\_pass* and flagged in ledger

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## Governance

- Protocol ownership: Dr. Fernando Telles (Architect – Sentinel Protocol)
- Dispute resolution: Subject to review under C5.3 Compliance Enforcement Matrix
- All changes to this protocol must be versioned, timestamped, and anchored on-chain

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## Summary

This revenue protocol ensures: - Fair reward structure for human Validators - No risk to IP control or future acquisition terms - Full transparency via Bitcoin-anchored records - Incentive alignment across audit layers

| Future-ready. Cryptographically enforced. Monetization with integrity.