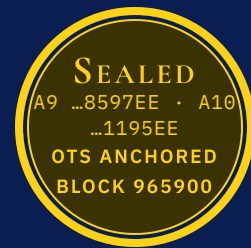


GLASS HULL CERTIFICATE · GH-V1-001 · CHAIN 4663



VERDICT I — PONS BUYBACK RATIO (ROBINHOOD CHAIN 4663)

FINDING

UNRECONCILED

Claim C1-A says 80 % of protocol fees fund buybacks; the window measures 46.6 % (11.6 % on the RHC-002-comparable burner-only reading). The frozen method's REFUSE table still has arm 3 (TWAP lag, +14 days) open until 2026-09-20, so the measurement cannot yet be declared DENIED; it does not reconcile with the claim as published.

HEADLINE

46.56 %

% of priced protocol
revenue spent on registry
buybacks

CLAIM

80 %

% of protocol fees

BURNER EOAS ONLY (RHC- 002-COMPARABLE)

11.57 %

BLOCK RANGE

29,853,000 –

55,621,328

2026-08-07T02:29:43Z →

2026-09-06T02:29:43Z

BUYBACKS (REGISTRY, PONS/WETH V3)

1,603.9 ETH ≈
\$3,742,300

PROTOCOL REVENUE PRICED

\$8,036,970

SWAPS COUNTED

3,294

PONS BURNED FROM REGISTRY ADDRESSES

31,728,618

Residual

Revenue held in unpriced tokens: 2,306.6 NVDA units ($\approx$ \$0.4M [EST]) and launch-token escrow claims; pricing them lowers the ratio further.

[headline.text; measured.nvda_units_into_safe]

Untraceable remainder

46.1k PONS reached the burner EOAs through the Relay router; the counter-leg is off-chain and cannot be traced on 4663. [headline.text]

```
METHOD sha256:4e6cb9375446eaba38c40320b769b94a117c88fe3bfec8219f048249d0d8f592
METHOD EVENT kind-3 2690353 · hash 0cf2285a824bfc6b...
ATTESTATION kind-15 2691164 · ecdsa-p256:a9-atecc608b-slot0:8f5d953d62... ·
chain sig a1-ledger-ed25519
EVENT HASH 619a489e572938729d0bee879538d8aff3ffa5577663bb387fd3894850e2fcb5
ATTESTED AT 2026-09-06 03:46:27Z    RENDERED 2026-09-07T16:03:46Z
```

Claim under test

- C1-A “A manual buyback is running via an automated TWAP using 80% of protocol fees.” — <https://docs.ponsfamily.com/> (Protocol → Protocol revenue), captured 2026-09-06T02:38Z

Both arms

Arm	Input	Outcome	Ref
ACCEPT	full provenance (block, hash, method hash, indexer commit, RPC, captured-at)	200 — kind-15 event 2691164 read back by id	2691 164

Arm	Input	Outcome	Ref
REFUSE	the same payload	403	w0/1
	missing block_hash	ledger_schema_invalid (GH-W0-001 §1.3 reject arm)	edge r/pr oof
REFUSE (3) TWAP lag	window extended +14 days	pending — runs 2026-09-20 (scheduled)	—

Registry (witness lines)

Role	Address / id
PONS	0x39dBED3a2bd333467115dE45665cC57F813C4571
Pons deployer / owner EOA	0xfdde5a1e3cdf791da71e49f817d70c7ced72cc36
Protocol fee recipient (Safe)	0x263ed295dAFaE1d9AAAdD6E56c4B6F9f38eE019Dd
V2 fee escrow	0xd3AFEB2a57f70eF218Aa82451c51B2fb0416Ac9e
Treasury hop	0xcd9107d2bdfad6b56a7ac235bebe46e555c1801c
Treasury proxy	0x5795d227DcC305Afe212Bef18E81B111dEF7C324
Burner EOA (main)	0xda4bcee76b29efec9697fcf663601c2042043968
Burner EOA 2	0xf89f3858bc7bac05a83ec284e3e9acdb58bf892a
Burner EOA 3	0x8afc1142f5d3ca6c55bbc8c81d0c9cdf2cce380c
Burner EOA 4	0xb9f5f4ea1af1f5d3678470eb98e8fbdcadeb24b0
Relay router	0xb92fe925dc43a0ecde6c8b1a2709c170ec4fff4f
PONS/WETH V3 pool 0.3 %	0x10cc6bd38112cac182db90b6a71d8bb5939526ba

Role	Address / id
V4 PONS/USDG 0.3 % poolId	0x4be9657ec9002e528f4f17a5c43edc525a07f888f7b180c2afb f75e096c4f38a
V4 ETH/PONS 0.3 % poolId	0x6073975413484a350101c0c5d592a91ceb6c3ee881ad359613a 08359fd1495a0
Burn address	0x00dEaD

Derivation

R = escrow claims by the fee Safe (ETH) + WETH/USDG into the fee Safe (PONS excluded; NVDA units reported, not priced); B = ETH paid in PONS/WETH V3 swaps whose recipient/sender is a registry address; headline = B/R at DefiLlama daily ETH prices; burns = PONS to 0xdEaD from registry addresses.

Re-derive this certificate yourself: open [the verifier](#), paste any Robinhood Chain 4663 RPC you trust, and compare. The seal above is applied: the A9 and A10 chips co-signed event 2719618.