



# Hyperlane Compound Staker Rewards Review

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Prepared for Hyperlane

Conducted by:

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## About the Hyperlane Compound Staker Rewards Review

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Hyperlane is a permissionless interoperability protocol that enables smart contracts to communicate across diverse blockchain environments. By utilizing modular Interchain Security Modules (ISMs), developers can tailor security configurations to their specific application needs, facilitating seamless cross-chain messaging and asset transfers.

The reviewed pull request implements compounding staking rewards by adopting the ERC-4626 tokenized vault standard. This enhancement allows staked assets to automatically accrue and reinvest rewards, streamlining yield generation and improving capital efficiency for participants.

## About Offbeat Security

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Offbeat Security is a boutique security company providing unique security solutions for complex and novel crypto projects. Our mission is to elevate the blockchain security landscape through invention and collaboration.

## Scope

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The review focused on the [rewards/src/contracts](#) directory of the `rewards` repo at commit [9969b21e6826b03477a9d27837bfd33aaa1ec8af](#).

The following **1 file** was in scope:

- `rewards/src/contracts/CompoundStakerRewards.sol`

## Summary of Findings

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No security issues were identified during the review of the CompoundStakerRewards contract.

## High Findings

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None.

## Medium Findings

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None.

## Low Findings

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None.

## Informational Findings

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None.