SMART CONTRACT SECURITY AUDIT

WATCHTOWER

DISCLAIMER

Watchtower has completed this report to provide a summary of the Smart Contract functions, and any security, dependency or cybersecurity vulnerabilities. This is often a constrained report on our discoveries based on our investigation and understanding of the current programming versions as at the date of this report. In order to understand the full scope of our analysis, it is vital for you to review the complete report. Although we have done our best in conducting our investigation and creating this report, it is vital to note that you should not depend on this report and cannot make any claim against Watchtower or it's Subsidiaries and Team members on the premise of what has or has not been included in the report. Please remember to conduct your own independent examinations before making any investment choices. We do not provide investment advice or in any way claim to determine if the project will be successful or not.

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ABOUT THE AUDITOR:
Watchtower is an Anti-Scam Token Utility which reviews Smart Contracts and Token information to Identify Rug Pull and Honey Pot scamming activity.
Watchtowers Development Team consists of a number of Smart Contract creators, Auditors Developers and Blockchain experts.
Watchtowers Website Scanner reviews a number of Risk factors to provide an adequate Risk summary of token projects.
In Addition to this the team also helps with Creation of Smart Contracts for legitimate projects, Audits and Promotion.

OVERVIEW

Watchtower was commissioned by SpaceShiba to complete a Smart Contract audit.
The objective of the Audit is to achieve the following:

- Review the Project and experience and Development team
- Ensure that the Smart Contract functions are necessary and operate as intended.
- Identify any vulnerabilities in the Smart Contract code.

DISCLAIMER: This Audit is intended to inform about token Contract Risks, the result does not imply an endorsement or provide financial advice in any way, All investments are made at your own risk.
(https://www.cryptowatchtower.io/)

SMART CONTRACT REVIEW

Contract Created on the 6th January 2022 **Solidity compiler v0.8.5**

Contract name	SpaceShiba
Contract address	0x0D152b87e948b47668A4AAEBaFcF88733076FbC5
Total supply	10,000,000
Token ticker	$SSHIBA
Decimals	9
Token holders	4
Transactions count	9
Top 5 holders dominance	Not Launched
Tax fee	5%
Total fees	5% ~ BUY / 3% ~ SELL
Contract deployer address	0xe67D70faF52D387959527Ac8008E9119cE3879E2
Contract's current owner address	0xe67D70faF52D387959527Ac8008E9119cE3879E2

Project Overview

Project Details: (Website: https://spaceshiba.co)

Space Shiba is a game race universe filled with fascinating memes avatar, that players can collect as NFTs. Players aim to battle race, breed, collect, raise, and build kingdoms for their avatar. The game has a player-owned economy where players can truly own, buy, sell, and trade resources they earn in the game through skilled-gameplay and contributions to the ecosystem.

Tokenomics:

Supply: 10,000,000 (10 Million)

5% Tax for Buys and 3% for Sells comprising of:

5% BUY

- 2% Liquidity
- 1% BuyBack
- 1% Reflections
- 1% Marketing

3% SELL

- 1% Liquidity
- 1% BuyBack
- 1% Marketing

Team Review:

Watchtower reviewed a number of factors including the teams background and Cryptocurrency experience, social media interaction and availability, project momentum, token risks and community trust score.

The SpaceShiba team have a very good understanding of Cryptocurrency and are trying to utilise the blockchain and play to earn ecosystem to develop the games.

The SpaceShiba Social media groups are growing with over 4000 in their telegram currently.

TEAM DOXXED/KYC:

The SpaceShiba team have been doxxed on their website however and have completed their KYC with Pinksale.

CONTRACT FUNCTIONS DETAILS

Functions (Public)

This contract has 24 available public functions which the owner can call.
They can be viewed on BSC Scan.

LINK:

https://bscscan.com/address/0x0d152b87e948b47668a4aaebafcf88733076fbc5#writeContract

Function risks:

-No scam functions identified.

Imported Libraries / Interfaces

- SafeMath
- IBEP20
- Auth
- IDEXFactory
- IDEXRouter
- IDividendDistributor

Overview

ISSUES CHECKING STATUS

Issue description	Checking status
1. Compiler errors.	Passed
2. Race conditions and Reentrancy. Cross-function race conditions.	Passed
3. Possible delays in data delivery.	Passed
4. Oracle calls.	Passed
5. Front running.	Passed
6. Timestamp dependence.	Passed
7. Integer Overflow and Underflow.	Passed
8. DoS with Revert.	Passed
9. DoS with block gas limit.	Passed
10. Methods execution permissions.	Passed

Issue description	Checking status
11. Economy model of the contract.	Passed
12. The impact of the exchange rate on the logic.	Passed
13. Private user data leaks.	Passed
14. Malicious Event log.	Passed
15. Scoping and Declarations.	Passed
16. Uninitialized storage pointers.	Passed
17. Arithmetic accuracy.	Passed
18. Design Logic.	Passed
19. Cross-function race conditions.	Passed
20. Safe Open Zeppelin contracts implementation and usage.	Passed
21. Fallback function security.	Passed

SECURITY ISSUES

High Severity Issues

Nil

Medium Severity Issues

Centralization Risk

- authorized addresses have the privilege to:
- set fees to 100 blocking all trades
- include / exclude from rewards
- include / exclude from fees
- include / exclude from transaction limit

Low Severity Issues

- **Fees declared as private:** Private variables can't be viewed so users can't know the current fees values - It is advised to declare fees as public
- **High Gas Limit: distributorGas = 500000.** If BNBs price increases, then gas fees can be higher than rewards. It can however be adjusted by authorized users.

CONCLUSION

Watchtower reviewed SpaceShiba's deployed and verified contract to conduct this audit.
Watchtower is satisfied that the contract is void of any malicious coding and nil high severity issues.

Watchtower Disclaimer:

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