



Cyberscope

Audit Report

Suriname Bitcoin

May 2024

Network BSC

Address 0x85C19B229C0C52ed8A7aA63622cB64f583B22FFB

Audited by © cyberscope

Analysis

● Critical ● Medium ● Minor / Informative ● Pass

Severity	Code	Description	Status
●	ST	Stops Transactions	Passed
●	OTUT	Transfers User's Tokens	Passed
●	ELFM	Exceeds Fees Limit	Passed
●	MT	Mints Tokens	Passed
●	BT	Burns Tokens	Passed
●	BC	Blacklists Addresses	Passed

Table of Contents

Analysis	1
Table of Contents	2
Review	3
Audit Updates	3
Source Files	4
Findings Breakdown	5
Functions Analysis	6
Inheritance Graph	9
Flow Graph	10
Summary	11
Disclaimer	12
About Cyberscope	13

Review

Contract Name	SurinameBitcoin
Compiler Version	v0.8.4+commit.c7e474f2
Optimization	200 runs
Explorer	https://bscscan.com/address/0x85c19b229c0c52ed8a7aa63622cb64f583b22ffb
Address	0x85c19b229c0c52ed8a7aa63622cb64f583b22ffb
Network	BSC
Symbol	SBC
Decimals	18
Total Supply	1,975,000,000
Badge Eligibility	Yes




Audit Updates

Initial Audit	14 Feb 2024 https://github.com/cyberscope-io/audits/blob/main/6-sbc/v1/audit.pdf
Corrected Phase 2	28 Feb 2024 https://github.com/cyberscope-io/audits/blob/main/6-sbc/v2/audit.pdf
Corrected Phase 3	08 May 2024

Source Files

Filename	SHA256
SurinameBitcoin.sol	3cd2b4028f9929c543116157e0c2274ac30acbb3aaed452259a5a1102b3b6705

Findings Breakdown

Severity		Unresolved	Acknowledged	Resolved	Other
	Critical	0	0	0	0
	Medium	0	0	0	0
	Minor / Informative	0	0	0	0

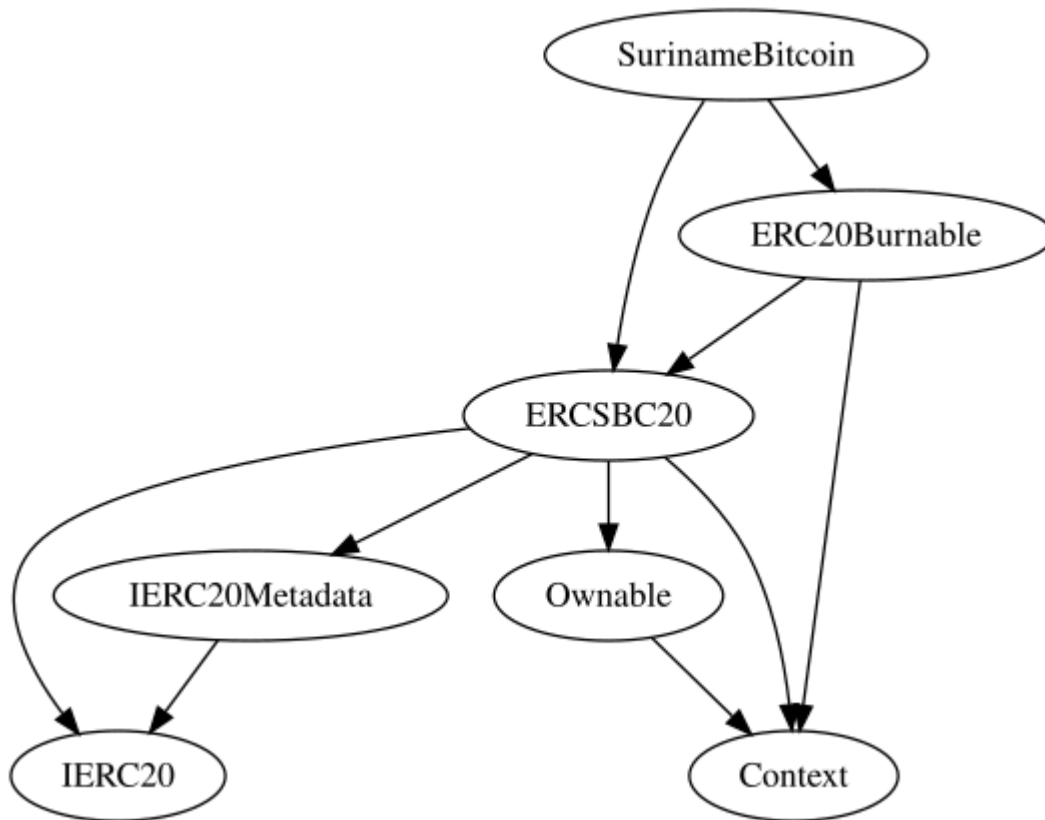
Functions Analysis

Contract	Type	Bases		
	Function Name	Visibility	Mutability	Modifiers
Context	Implementation			
	_msgSender	Internal		
	_msgData	Internal		
Ownable	Implementation	Context		
		Public	✓	-
	owner	Public		-
	_checkOwner	Internal		
	renounceOwnership	Public	✓	onlyOwner
	transferOwnership	Public	✓	onlyOwner
	_transferOwnership	Internal	✓	
IERC20	Interface			
	totalSupply	External		-
	balanceOf	External		-
	transfer	External	✓	-
	allowance	External		-
	approve	External	✓	-

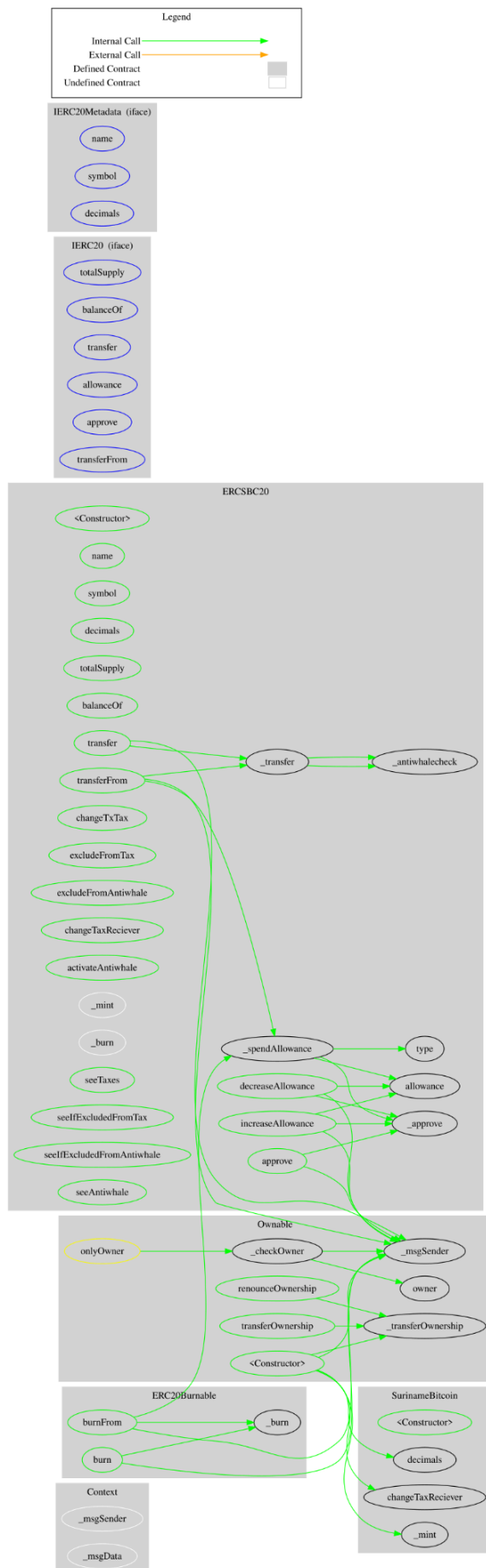
	transferFrom	External	✓	-
IERC20Metadata	Interface	IERC20		
	name	External		-
	symbol	External		-
	decimals	External		-
ERC20	Implementation	Context, IERC20, IERC20Meta data, Ownable		
		Public	✓	-
	name	Public		-
	symbol	Public		-
	decimals	Public		-
	totalSupply	Public		-
	balanceOf	Public		-
	transfer	Public	✓	-
	allowance	Public		-
	approve	Public	✓	-
	transferFrom	Public	✓	-
	increaseAllowance	Public	✓	-
	decreaseAllowance	Public	✓	-
	changeTxTax	Public	✓	onlyOwner
	excludeFromTax	Public	✓	onlyOwner

	excludeFromAntiwhale	Public	✓	onlyOwner
	changeTaxReceiver	Public	✓	onlyOwner
	activateAntiwhale	Public	✓	onlyOwner
	_transfer	Internal	✓	
	_antiwhalecheck	Internal		
	_mint	Internal	✓	
	_burn	Internal	✓	
	_approve	Internal	✓	
	_spendAllowance	Internal	✓	
	seeTaxes	Public		-
	seelfExcludedFromTax	Public		-
	seelfExcludedFromAntiwhale	Public		-
	seeAntiwhale	Public		-
ERC20Burnable	Implementation	Context, ERC20Burnable		
	burn	Public	✓	-
	burnFrom	Public	✓	-
SurinameBitcoin	Implementation	ERC20Burnable, ERC20Burnable		
		Public	✓	ERC20Burnable

Inheritance Graph



Flow Graph



Summary

Suriname Bitcoin contract implements a token mechanism. This audit investigates security issues, business logic concerns, and potential improvements. Suriname Bitcoin is an interesting project that has a friendly and growing community. The Smart Contract analysis reported no compiler errors or critical issues. The contract Owner can access some admin functions that can not be used in a malicious way to disturb the users' transactions. There is also a limit of max 4% fee.

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About Cyberscope

Cyberscope is a blockchain cybersecurity company that was founded with the vision to make web3.0 a safer place for investors and developers. Since its launch, it has worked with thousands of projects and is estimated to have secured tens of millions of investors' funds.

Cyberscope is one of the leading smart contract audit firms in the crypto space and has built a high-profile network of clients and partners.



The Cyberscope team

<https://www.cyberscope.io>